

# **INSTITUTIONAL ACCREDITATION SELF STUDY REPORT**

**submitted to**



**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
(NAAC)**

**An autonomous institution of the University Grants Commission  
P.O.Box No.:1075, Nagarbhavi  
Bangalore – 560072**

**by**



**Kallam Haranadhareddy Institute of Technology**

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

NH-5, Chowdavaram, Guntur, A.P.-522019

Ph. No. 0863-2119726 Fax: 0863-2119404

E-mail: kaesguntur@gmail.com

**[www.khitguntur.com](http://www.khitguntur.com)**

## CONTENTS

<b>Part/Criterion</b>	<b>Description</b>	<b>Page No</b>
Part A	Preface and Covering Letter	1-3
Part B	Executive Summary and SWOC Analysis	4-29
Part C	Profile of the Institution	30-40
<b>Part D</b>	<b>Criterion Wise Inputs</b>	41-315
<b>Criterion I</b>	<b>Curricular Aspects</b>	41-69
1.1	Curriculum Planning and Implementation	43
1.2	Academic Flexibility	51
1.3	Curriculum Enrichment	62
1.4	Feedback	67
<b>Criterion II</b>	<b>Teaching, Learning and Evaluation</b>	70-117
2.1	Student Enrollment and Profile	71
2.2	Catering to Student Diversity	80
2.3	Teaching-Learning Process	85
2.4	Teacher Quality	93
2.5	Evaluation Process and Reforms	102
2.6	Student Performance and Learning Outcomes	108
<b>Criterion III</b>	<b>Research, Consultancy and Extension</b>	118-167
3.1	Promotion of Research	119
3.2	Resource Mobilization for Research	139
3.3	Research Facilities	143
3.4	Research Publications and Awards	147
3.5	Consultancy	150
3.6	Extension Activities and Institutional Social Responsibilities	156
3.7	Collaboration	164
<b>Criterion IV</b>	<b>Infrastructure and Learning Resources</b>	168-201
4.1	Physical Facilities	169
4.2	Library as a Learning Resource	187
4.3	IT Infrastructure	191
4.4	Maintenance of Campus Facilities	198
<b>Criterion V</b>	<b>Student Support and Progression</b>	202-264
5.1	Student Monitoring and Support	203
5.2	Student Support and Progression	242
5.3	Student Participation and Activities	245

<b>Criterion VI</b>	<b>Governance, Leadership and Management</b>	265-303
6.1	Institutional Vision and Leadership	266
6.2	Strategy Development and Deployment	282
6.3	Faculty Empowerment Strategies	291
6.4	Financial Management and Resource Mobilization	294
6.5	Internal Quality Assurance Systems	297
<b>Criterion VII</b>	<b>Innovations and Best Practices</b>	304-315
7.1	Environment Consciousness	305
7.2	Innovations	308
7.3	Best Practices	311
<b>Part E</b>	<b>Evaluative Reports of the Departments</b>	316-435
	Civil Engineering	317
	Electrical and Electronics Engineering	341
	Mechanical Engineering	362
	Electronics and Communications Engg.	384
	Computer Science and Engineering	402
	Science and Humanities	421
<b>Part F</b>	<b>Annexure</b>	436-449
	Annexure I Declaration and Compliance by Head of the Institution	437
	Annexure II AICTE Approval for 2016-17	439
	Annexure III JNTUK approval for 2016-17	443
	Annexure IV APSCHE Permission Letter	446
	Annexure V IEQA Application	450



# KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY

(Sponsored by Kallam Academy of Educational Society)  
Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada  
NH-5, Chowdavaram, Guntur - 522 019, Andhra Pradesh

**K  
H  
I  
T**

Director :  
**Dr. Movva Uma Sankara Reddy**, M.Sc., Ph.D. (BHU).

Phone: 0863 - 2119726  
Fax : 0863 - 2119404  
E-mail: kaesguntur@gmail.com  
usreddymovva@rediffmail.com

Date:06-10-2016

To,  
**The Director**  
National Assessment and Accreditation Council  
P. O. Box. No. 1075,  
Opp: NLSIU, Nagarbhavi,  
Bangalore -5600072  
Karnataka

Dear Sir,

Sub: **Track ID:APCOGN26632 – KALLAM HARANADHAREDDY  
INSTITUTE OF TECHNOLOGY – Submission of S S R along with  
requisite fee - Reg**

Ref: Mail dated 26/09/2016 regarding LOI & 29-09-2016 regarding IEQA

Thank you for accepting LOI and granting IEQA status. With reference to the above, we are herewith submitting SSR (5 Copies and One soft copy-CD) for your kind perusal along with DD for **Rs. 3,45,000/-** (Three Lakhs Forty Five thousand only) bearing **DD.No.009206** dated 05-10-2016.

We request you to kindly arrange peer team visit for audit during any of the following dates.

Set I : 21 to 23, November 2016

II : 5 to 7, December 2016

III : 19 to 21, December 2016

Please acknowledge the receipt of this letter.

Thanking you,

Yours sincerely

(Dr.B.S.B. Reddy)

**PRINCIPAL**  
**KALLAM HARANADHAREDDY**  
**INSTITUTE OF TECHNOLOGY**  
Chowdavaram, GUNTUR-522 019.





आन्ध्र बैंक Andhra Bank

A/C PAYEE ONLY

\*\* Not Over

INR

5,000.00

DD MM YY YY

05-10-2016

or Order

या उनके आदेश पर प्राप्त मूल्य के लिए

मांगे जाने पर [ 150 ]  
On Demand Pay

GUNTUR MAIN

DIRECTOR, NAAC

रुपये/Rupees

Three Lakh Forty Five Thousand only

₹

₹ 3,45,000.00

For Value Received

कृते आन्ध्र बैंक For Andhra Bank

Valid for 3 months from the date of issue

वैधता अवधि 3 माहों के लिए जारी की गई है

[ 1093 ]

आन्ध्र बैंक Andhra Bank  
SERVICE CENTER, BANGALORE

एह OT यह TT एला OL बला 72

9206

AB/DD/CTS/I

प्रति हस्ताक्षरित / Countersigned

Please sign above

*S. Suvarna Latha*

प्रबंधक / Manager

S. SUVARNA LATHA  
S-2122

⑈009206⑈ 0000 1 10000⑈

16



ieqa@naac.gov.in Sep 29

to me, rcsouth, ieqanaac

**Dear Sir/Madam,**

Please find IEQA Evaluation Report attached below.

**Track Id : APCOGN26632**

**College Name: Kallam HarAnadhaREDDY institute of technology**

Congratulations ! You have earned IEQA status . Institution should submit SSR/SAR (5 hard copies and 1 soft copy) within two weeks from the date of obtaining IEQA Status. Please note that the SSR/RAR uploaded on your institutional website must not be password protected and accessible to public until completion of the A&A process by NAAC. For further details/ instructions on procedures and timelines for processing A&A applications kindly visit our website: [www.naac.gov.in](http://www.naac.gov.in)

Note :

- a) No Separate intimation will be mailed on the above matter.
- b) Ensure submission of the SSR in the correct and applicable format. Please use the NAACs **Manual for Self Study** applicable to your institution.
- c) The Institutions are hereby advised to upload information on **All India Survey of Higher Education** in MHRD website (<http://aishe.gov.in>) under intimation to NAAC. At the time of submission of SSR/RAR to NAAC, institutions have to submit the documentary proof of uploading the AISHE information

Please note that a copy of IEQA application submitted by college is to be annexed to SSR/SAR so that peer team can verify the data

**Kindly note: SSR/SAR should be submitted by post/courier only. SSR/SAR will not be accepted by hand in NAAC office.**

THIS IS AN AUTO GENERATED MAIL, PLEASE DO NOT REPLY TO THIS MAIL.

Please contact your regional co-ordinator in case of any issues/clarifications

Thanks and regards

**Director,  
NAAC**



CAPU SOUTH <capusouth@gmail.com> Sep 26

*Dear Principal,*

*Greetings from NAAC*

This has reference to your LOI bearing Track ID **APCOGN26632** dated 14/09/2016. As your LOI is accepted on 26/09/2016 you are advised to proceed further for submission of SSR. Acceptance of your SSR is subject to strict adherence to the timelines and procedural formalities of NAAC as given below:

- Must submit **five** hard copies and **one** soft copy (CD) of SSR along with the applicable A&A fee to NAAC within **two weeks from the date of acceptance of the LOI. Kindly note that hard copies of SSR/SAR should be submitted by post/ courier only. SSR/SAR will not be accepted by hand in NAAC office.**
- **There will be no relaxation in the time schedules for submission of hard copies of SSR**
- Before submitting the hard copies of SSR you are requested to ensure, that the uploaded SSR and the hard copies of the SSR are as per the prescribed manual/formats of NAAC and mandatorily includes the following:
  1. Preface and covering letter from the Head of the Institution
  2. Executive Summary – The SWOC analysis of the institution
  3. Profile of the Institution
  4. Criteria-wise analytical report
  5. Inputs from each of the Department in the format provided.
  6. Declaration by the Head of the Institution
  7. Compliance certificate

**In case, all the inputs as listed above are not included or the SSR is not in the prescribed format your SSR will be rejected without any further notice and your application will be closed. In case of rejection of your SSR, you have to follow the process of assessment all again by submitting the online LOI and paying the Registration fees.**

- Quote your assigned track **ID APCOGN26632** in all your future online/offline submissions and correspondence with NAAC.
- **“Only Government and Govt-Aided colleges covered under 2f and 12 B of UGC Act, 1956, and getting General development grants during XII Plan” are eligible for exemption of Accreditation fees subject to the production of valid documentary evidence (Please note that the name of the institution in the UGC records should be the same as that in LOI for claiming exemption of fees). All other colleges have to pay the Accreditation fees as per the revised NAAC fees structure.**

**Please note that, if at any point of time while processing your application, NAAC finds that the information provided by the institution in the LOI, IEQA, SSR or in the supporting documents is incorrect or misleading your application for assessment and accreditation will be rejected. NAAC will not be liable for the consequences arising out of such a rejection including refund of the fees or any other expenditure incurred by the institution in the process.**

For any further clarification kindly log on to NAAC website [www.naac.gov.in](http://www.naac.gov.in) or contact the Help Desk Phone Numbers 080-23005192 / 080-23005193 and may also contact CAPU-NAAC through e-mail [capusouth@gmail.com](mailto:capusouth@gmail.com)

Yours sincerely

**For CAPU**

# **PART-A PREFACE**



## **PREFACE**

**Kallam Haranadhareddy Institute of Technology, popularly known as KHIT was started in the year 2010 under Kallam Academy of Educational Society in Chowdavaram village, Guntur rural mandal of Guntur district by Sri. Kallam Haranadhareddy, an eminent industrialist in Andhra Pradesh.**

**KHIT has come up in an area of 10.71 acres with overall built up area admeasuring more than 2 lakh square feet with lush green environment with an aim to impart quality education to students in the field of Engineering & Technology. The college is just located 10 kilometers away from Guntur City on NH-5.**

**The college has a rich tradition of soaring high, with academic excellence & overall personal growth of students. This is achieved by providing excellent academic environment and infrastructure with the help of dedicated, highly qualified and experienced faculty members having M.Tech. and Ph.D qualifications.**

**The college is located in a pollution-free environment and has set its trademark in providing students the very best in terms of both faculty and infrastructure facilities. KHIT is the first ISO 9001:2015 certified college in Andhra Pradesh that meticulously implements quality policy. KHIT will always strive hard to set its benchmark in achieving academic excellence by implementing multimodal teaching methodology, campus placement training, absolute discipline in all aspects. A separate boys hostel, a hygienic canteen, sufficient number of buses for transportation, mineral water plant, indoor sports and outdoor games facilities make KHIT as one of the best professional colleges in the state of Andhra Pradesh.**

**KHIT is affiliated to Jawaharlal Nehru Technological University Kakinada, Kakinada and approved by AICTE, New Delhi. Currently, the institute is offering five undergraduate and three postgraduate programmes in engineering and all the courses are**

approved by AICTE. The college has excellent academic environment with 2100 students pursuing various programmes.

KHIT always tries to provide healthy family environment where students and faculty feel that workplace is an extension of home. KHIT Student Clubs are the platforms where both the students and staff have an unceremonious get together to share their views, exhibit their talents and expertise.

At KHIT, there are many academic, co-curricular and extra-curricular activities being organized by various departments throughout the year. Motivational talks, spiritual discourses, academic seminars, career guidance by experts and eminent people in the relevant fields and advice by prospective employers; educational counseling, remedial classes, make up classes and competitions in sports, games and various cultural events, project exhibitions, national level student symposiums, social service activities, canvassing for socially useful causes like road safety norms, participating in awareness programs, placement drives, college day celebrations provide KHIT students with a comprehensive satisfying and learning experience.

**PART-B**

**EXECUTIVE SUMMARY**

**The SWOC Analysis of the Institution**

## **EXECUTIVE SUMMARY**

Kallam Haranadhareddy Institute of Technology (KHIT) was established in the year 2010 by Kallam Academy of Educational Society. This society was founded by Sri Kallam Haranadhareddy, an eminent industrialist in Andhra Pradesh. The Institution was started with five undergraduate programmes approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada in Departments of Civil Engineering (CE), Electrical and Electronics Engineering (EEE), Mechanical Engineering (ME), Electronics and Communication Engineering (ECE) and Computer Science and Engineering (CSE) with an overall intake of 300 students. Later, the student intake has been increased to 666 in different stages in five undergraduate and three postgraduate programmes of engineering & technology. The vision of the institute is: to be a quality-oriented technical institution known for global academic excellence and professional human values. Though the college is affiliated to JNTU Kakinada, feedback is collected from its stakeholders from time to time and compare with existing curriculum to assess the gaps and adds extra topics beyond the syllabus. Electives are offered by the affiliating university at both UG and PG levels. All programmes offered by the Institute are semester-based. The intake details of various programmes approved by AICTE and affiliated to JNTU Kakinada are as follows.

<b>Sl.No.</b>	<b>Course</b>	<b>Branch</b>	<b>Intake</b>
<b>UG</b>			
1	B.Tech	Civil Engineering (CE)	120
2	B.Tech	Electrical and Electronics Engineering (EEE)	60
3	B.Tech	Mechanical Engineering (ME)	120
4	B.Tech	Electronics and Communications Engineering (ECE)	180
5	B.Tech	Computer Science and Engineering (CSE)	120
<b>PG</b>			
1	M.Tech	Structural Engineering (SE)	24
2	M.Tech	Thermal Engineering (TE)	24
3	M.Tech	Computer Science and Engineering (CSE)	18

**Administration:**

The college has a governing body with eminent persons as its members. With a positive approach as its virtuosity, the governing body is motivated with a lofty ideal of placing the college in the community of excellent technical institutions by providing good planning and advice for the steady growth of the college with updated infrastructure, software/hardware facilities for comfortable mobility of technical pursuits by knowledge seekers.



Sri.Kallam Haranadha Reddy was born on 1<sup>st</sup> Nov, 1936 in a small village Ramanayapalem, Prakasham District, Andhra Pradesh. He did his B.A, M.A and B.L from Acharya Nagarjuna University, Guntur in the year 1998. At present he is writing Rashtrabhasaha Praveen examinations conducted by Dakshina Bharatha Hindi Prachara Sabha, Madras by virtue of his everlasting interest on education. With the same motto and spirit, he started engineering college for the cause of providing quality technical education in the rural area. He is the founder Chairman of Kallam Group Industries, having 60 years of legacy, have today made a remarkable mark in the minds of people of Andhra Pradesh in terms of quality and faith. All the industries are based on agriculture produce, empowering rural India in many ways.



**Sri. Kallam Mohan Reddy, Secretary**

**Sri. Kallam Mohan Reddy**, a commerce graduate endowed with creative talent, excellent managerial and planning skills, is the Secretary of the college. He is the Chairman, Kallam Group of Industries.



**Dr. M. Umasankara Reddy  
Director**

**Dr. M.Uma Sankara Reddy**, has completed his Ph.D. in Applied Mathematics from Banarus Hindu University. He worked as a research associate in the department of Mechanical Engineering Institute of Technology, BHU. He is also a renowned academician, researcher and administrator with innovative ideas and organizational skills. As a Director, seasoned with matured vision and skills, he is supervising, advising and guiding all the authorities in administrative, organizational, R & D and other academic and non academic areas of this prestigious institution. Under his matured directorship, the institution has been ushered academic reputation.

**Dr. Bhimavarapu S. B. Reddy**, obtained his AMIIM degree from IIM-Kolkata in the year 1996. He completed his M. Tech. (Materials Technology) from IIT-Madras in the year 1998 and later joined as an Assistant Professor in Vignan’s Engineering College and worked for 6 years. He obtained his Ph. D (Nanocomposites) from IIT-Kharagpur in the year 2008. He also has industrial experience before joining IIT Madras for his master’s degree. He has been working as Principal in the institutions affiliated to JNTUK, Kakinada since 2008.



**Dr.B.S.B.Reddy**  
**Principal**

He has published several papers in international conferences and peer reviewed journals on Nanocomposite Materials.



**Dr.A.Ranga Reddy**  
**Administrative Officer**

Dr. Ranga Reddy Anumula, S/o Venkata Reddy, obtained Graduate, Post Graduate and Doctoral Degrees in Agricultural Sciences from Banaras Hindu University. He worked as a teaching faculty member for about 10 years in the same University. During 1986, he joined as Associate Professor in Andhra Pradesh Agricultural University and retired as Principal Scientist/ Professor on 30-06-2005.

Dr. Reddy published about 50 Research Papers in National and International Journals. He also attended 3 International Conferences, 40 National conferences / Workshops. In collaboration with **ICRISAT**, identified a number of Germplasm lines of Pigeon pea, resistant to major insect pests. For about 15 years, acted as a National resource person to plan and develop feasible strategies for RPM.

**Pillars of the Organization**



**Dr. I. Srinivasa Reddy**  
Dean, Academics (PG)  
& HOD, CE



**Prof. S. Suryanarayana**  
Dean, Academics (UG)  
& HOD, ECE



**Dr. Ch. Srinivasa Rao**  
Dean, R&D



**Dr. S. C. V. R. Naidu**  
Professor & HOD, ME



**Dr. K. V. Ramprasad**  
Professor, ECE



**Dr. C. Ravikumar Reddy**  
Professor, CE



**Dr. B. Tarakeswara Rao**  
Professor, CSE



**Dr. D. V. Sreekumar Reddy**  
Professor, ECE



**Dr. Md. Umarm Khan**  
Professor, CSE



**Dr. L. Shanmukha Rao**  
Professor, EEE



**Dr. V. Sivarami Reddy**  
Professor, S&H



**Dr. S. R. Krishna Reddy**  
Professor, S&H



**Pillars of the Organization**



**Dr.B.Lakshmi**  
Professor, S&H



**Dr.P.L.Madhava Rao**  
Professor, S&H



**Dr.B.Anupama**  
Professor, S&H



**Prof.B.Satyanarayana Reddy**  
HOD, CSE



**Prof.R.Subba Reddy**  
HOD, EEE



**Prof.P.Appi Reddy**  
HOD, S&H



**Prof.K.Srinivas**  
Dept. of CE



**Prof.K.V.G.Chary**  
Dept. of EEE



**Mr.P.Punna Reddy**  
Physical Director



**Mr.K.Showri Babu**  
Librarian



**Ch.Samsonu**  
Exam Branch I/C



**B.Ramesh**  
Office Superintendent

### **VISION**

To be a quality - oriented technical institution known for global academic excellence and professional human values.

### **MISSION**

- To provide quality instruction with competent and knowledgeable faculty and well-equipped laboratories to meet global standards
- To achieve academic distinction through novel teaching and learning practice
- To encourage students by providing merit scholarships
- To prepare the graduates to accomplish professional practice, employability, entrepreneurial development and higher education
- To inculcate self-discipline, accountability and values in the learners for effective and informed citizenship
- To focus on MoUs with premier institutes and renowned industries for effective industry-institution interaction to become an R&D centre through skill development, professional up-gradation and innovation

### **QUALITY POLICY**

- KHIT is engaged in imparting quality education to the young aspirants in engineering and technology. It perpetually shows its strong thirst for obtaining high levels of teaching. The Institutional Quality Policy objectives are as follows:
- To provide highly knowledgeable, experienced and committed faculty for furtherance of Teaching-Learning Process proportionate with the altering technological environment.
- To form and organize well equipped laboratories to arrange live experience to students.
- To foster the college into a world class institute of learning and research of academic excellence
- To emphasize its quest for incepting an effective Quality Management System to make sure of continuous improvement
- To give proper guidance and enhance human resources by creating interest among faculty to work as a group and to upgrade their knowledge and skills permanently to meet the necessities of the industry.
- To promote competitive spirit among the students by facilitating merit scholarships to the toppers of each class in the academic year.

## **GOALS**

### **Short Term Goals**

- Making all the institutional branches fit for accreditation by NAAC & NBA.
- To provide Intranet, WAN, internet, Library, Network memberships, spacious class rooms, Lecture-theatre, Video conferencing, etc.
- To recast and mould the college into an excellent research centre amidst enchanting verdure.
- To achieve expertise to take up consultancy.
- To see that the college is credited with laudable results.
- To workout Quality Improvement Programmes for faculty and staff.
- To update Placement Cell and strengthen training with new strategies.
- To have entrepreneurship development cell to make the students excellent professionals with self-reliance for starting their own ventures.
- Working towards students' personality development by inculcating leadership qualities in them.
- Providing Value additions like CCNA, Infosys campus connect and other facilities for teaching and training the students in the required skills for giving a good account of themselves in the fields of their work.
- Providing summer internship in industries for III year B.Tech. students.
- Developing the college campus into an eco-friendly place.
- Bringing out KHIT Journal of Engineering.
- To have a separate Research and Development (R&D) wing.

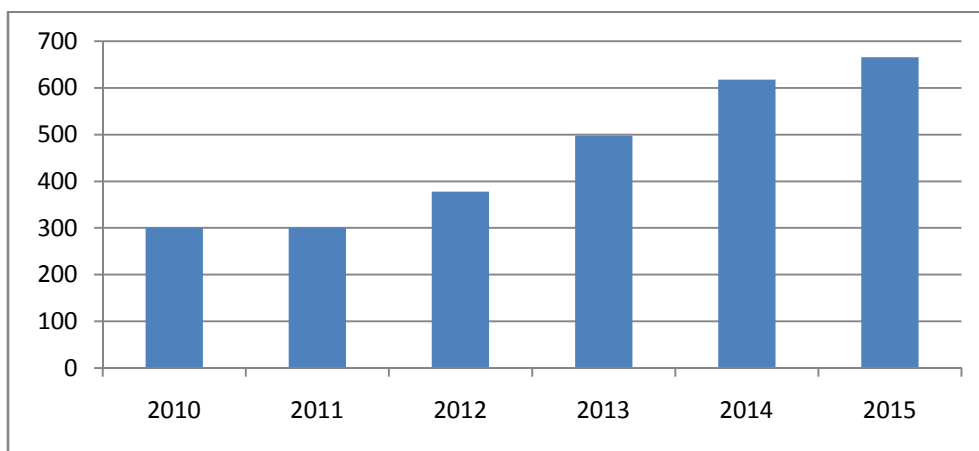
### **Long Term Goals**

- To make the college highly reputed in its academic environment and be one of the best colleges in A.P and India as well.
- To have a tie up with the reputed global universities and industries.

## Growth

The college has made remarkable progress during the past six years in the following areas:

- ✓ The student admissions have become multifold during these years.
- ✓ During the first year i.e. 2010, the sanctioned intake was 300, which has risen up to 666 in the present academic year 2016-17 and there are about 2100 students on the Campus.
- ✓ As the intake of students multiplies, so does the infrastructure of the institution, which is constantly under expansion to keep pace with the growing needs and trends.



**Year wise - Growth of Intake**

## Teaching – Learning and Evaluation

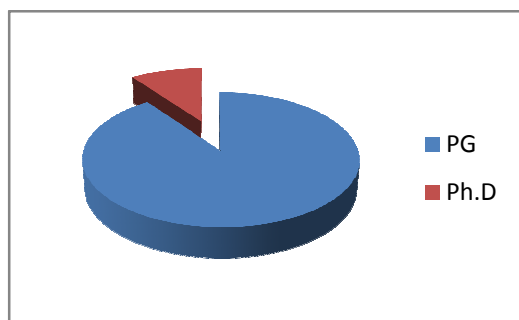
The Institute always tries to recruit well-qualified and dedicated teaching faculty to achieve academic excellence in teaching and learning process and also maintains good retention ratio at all times. 70% of student admissions are carried out through APSCHE quota and remaining 30% of admissions are carried out through management quota on merit basis. Proper planning is made well before the beginning of every semester for making the teaching and learning process more effective.

## Curriculum

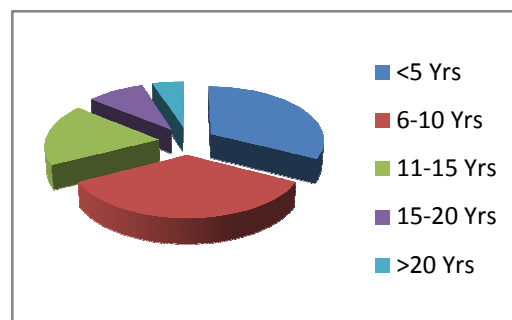
The college follows the regulations and syllabi of Jawaharlal Nehru Technological University Kakinada, Kakinada.

## Faculty

There are 163 well-qualified and experienced faculty members who are continuously monitoring the various academic programmes and activities of the college with a lot of commitment and dedication. Out of 163 faculty members, 16 are Ph.D. Degrees and 147 are Master ones. The college always tries to maintain the faculty student ratio of 1:15 in under graduate level and 1:12 in post graduation level programmes.



**Faculty Distribution Qualification wise**



**Faculty Distribution Experience wise**

## Human Resource Policies

After receiving the staff requirements from various departments, the selection committee shall prepare a job description and job specification for the candidate to be recruited. The vacancies are notified in leading news papers and after receiving applications they are scrutinized and called for an interview. The expert committee shall short list the candidates for the notified vacancies, and appointments are made by the Secretary of the College. The newly recruited faculty members are given an in-house training and are inducted into the departments. Then they are continuously monitored by feedback and evaluation.

Student's feedback mainly consists of teaching skills, punctuality, and completion of syllabus and usage of teaching aids. The Heads of the departments, in consultation with the Principal, evaluate the performance of the faculty. The faculty members are encouraged to conduct seminars, add on courses and to present technical papers. The teaching faculty members are one of the dedicated work forces in the college who actively contribute to the success of the institution as a whole. Many teaching faculty members have attended faculty development programs to upgrade their teaching skills/talents and to learn innovative methods in teaching to teach students in an effective manner.

All the faculty members are compensated with eligible AICTE scales of pay with appropriate allowances. Due encouragement is given for better performing faculty by way of cash awards and appreciations.

### **Method of Teaching**

Innovative methods of teaching, learning and evaluation process are a regular practice on Campus. The institution always tries to adopt a student-centric approach to achieve the desired learning outcomes. Interactive learning techniques like seminars on latest topics, tutorial classes, video lectures for better understanding of the subject and programming contests, major and mini projects enrich the teaching-learning experience. In addition to the JNTUK prescribed syllabus, special training is imparted on communication skills and aptitude to prepare the students for competitive exams and placement drives. Teachers prepare course files that include lesson plans, lecture notes, teaching methodology, objectives and outcomes, a record of classroom interaction and comprehensive performance of the students.

### **Preparation of Time-tables and Lesson Plans**

Subjects prescribed in R13 & R16 regulations of JNTUK, Kakinada are allotted to the faculty based on their specialization and expertise. For newly introduced subjects, the Head of the Department forwards a request through proper channel to conduct a Faculty Development Program (FDP). These FDPs are conducted for newly recruited faculty as well. Subjects are allocated well in advance and a lesson plan and tutorial questions are prepared well before and distributed among the students. The syllabus coverage is monitored centrally and department-wise before the commencement of mid examinations. Discrepancies in syllabus coverage, if any, are brought to the notice of the HOD by the monitoring committee.

### **Tests, Performance, Monitoring and Evaluation**

The Institute has a continuous evaluation system. Internal assessments will be done as per the regulations of the affiliating university. Apart from the university examinations, continuous assessment of the students is done by administering weekly slip tests in all subjects. The internal marks and attendance will be communicated to their parents during the weekly counseling and special counseling sessions by the counselors. The Examination Cell also communicates the internal marks and attendance report through SMS every month. These marks

are uploaded to the JNTUK, Kakinada Portal. Students with poor performance are identified and a special focus is made to strengthen their learning in the form of remedial sessions.

### **Research, Consultancy and Extension**

The institute always encourages both faculty and students involve in research and consultancy activities through its Research and Development Cell. If any project is sanctioned, full support to the principal Investigator/Project Head is provided to implement and submit the research scheme within the time frame. To create the zeal and interest among students and faculty, college has procured sophisticated equipment, updated library facilities and latest valued research journals. Every month a review meeting is held to note the status of research and funded projects. The Institute has 16 Doctorates and some of them are guiding Ph. D. and M. Phil research students registered in various universities. 22 members of the staff are pursuing their doctoral research at various universities. The Institute encourages research among its faculty and students in different ways like sponsoring them to present and publish papers in national and international journals, conferences, by providing them academic leaves on the day of presenting their work, conducting student technical symposiums, faculty development programs to develop awareness on latest technologies, workshops for hands-on-experience to name a few.

### **Infrastructure and Learning Resources**

KHIT has an excellent infrastructure facilities like classrooms with good ventilation, well-equipped laboratories, Computer Laboratories with Internet facility, Workshops, model class rooms with LCDs, Central Library, Digital Library for all the students, Departmental Library, RO Water Plant(2000 liters/hour capacity), hygienic canteen, 4 seminar halls, and an air conditioned auditorium with 600 seating capacity. Also Sports facilities for volley ball, throw ball, tug of war, green grass cricket ground, boys hostel facility, college bus service, RTC bus terminal which is very near to the college main gate etc. are available.

There are 3 academic blocks that house five disciplines of study namely, Civil Engineering, Electrical Engineering, Mechanical Engineering, Electronics and Communication Engineering and Computer Science & Engineering and also housing the digital and central library, seminar and conference halls, training and placement cell, examinations cell, chambers of the chairman, the director, the principal and the office.

Various committees are constituted with faculty as members and a senior faculty

as Chairman to monitor the maintenance of academic activities, infrastructure and facilities.

Frequent checks are conducted by the committee members and the status reports and recommendations are being submitted to the Principal for necessary actions.

Chairmen of various committees are made responsible for budgetary proposals, procurement of material and effective utilization of human and material resources. They are given necessary freedom to take remedial steps for smooth functioning.

About 4% of the total budget is allocated exclusively for the maintenance of infrastructure and facilities.

### **Student Support and Progression**

At present about 2100 students are currently pursuing U.G & P.G programmes in various disciplines of technology. The students are regularly monitored with keen observation with respect to their performance and discipline on the campus. Faculty members teach the subjects as per the JNTUK syllabus and conduct lab schedules accordingly. Topics beyond syllabus and advanced experiments also become part of teaching-learning process. Add-on Training facilities (both technical and soft-skills) are provided to all the students. Students and parents can get information by SMS on mobile phones about attendance, marks and other academic related matters. Parents are given information about the performance of their wards by letters and phones. Counselors are appointed for every 15 students to carry counseling process once in a week on their performance and activities. Extra and co-curricular activities are conducted frequently to inculcate the skills among the students which help them to improve their technical skills, personality, inter-personal skills etc., which are essential for their prospective placements in industries and companies. A resident doctor has been appointed to look after the various health related issues of the students. First aid clinical facilities are made available for both faculty and students.

### **Governance Leadership and Management**

Kallam Haranadhareddy Institute of Technology is governed by the Kallam Academy of Educational Society, registered under Andhra Pradesh Registration of Societies Act 35 of 2001 with its head quarters located at Syamalanagar, Guntur and bearing Society No. 24/2006 dated 17<sup>th</sup> January, 2006. KHIT Active Management, a Board consisting of Sri (1) Sri Kallam Haranadha Reddy, S/o (Late) Sri K.Chalama Reddy, (2) Sri Poluri Venkateswara Reddy, S/o Sri P.Rami Reddy, (3) Sri Kallam Mohana Reddy, S/o Sri K. Haranadha Reddy, (4) Sri Kallam



Nagi Reddy, S/o Sri K. Venkateswara Reddy, (5) Sri G.V.K. Reddy, S/o Sri G. Appi Reddy, (6) Dr. Movva Uma Sanakara Reddy S/o Sri M. Chimpa Reddy and (7) Sri Bhavanam Veera Reddy S/o Sri B. Pitchi Reddy, works hard to keep the momentum in all the activities of teaching and learning to make the KHIT a centre of excellence in the field of engineering & technology.

The Governing Body comprising members from the Society, AICTE, Industry, JNTUK and AP State Technical Education conducts at least two meetings in an academic year to discuss problems faced in the past and to brainstorm as many suggestions as possible to check them in the future. The Principal is directed to take the message to the faculty and act accordingly. The development, supervised by the management, comprises construction of buildings, introduction of new courses, recruitment of new staff, student admissions, providing the required facilities and other amenities. The management reviews the quality policy and development of the institution by conducting meetings with faculty periodically. It also arranges for the confidential evaluation of the teachers and the overall institutional performance by the students, which is perused by the Principal to take necessary steps toward institutional development. Income and expenditure are closely monitored by a Chartered Accountant and supervised by the Management. VI Pay scales are paid to all eligible faculty and salaries to the employees will be paid on 1<sup>st</sup> of every month.

## **Departments**

There are six departments – Department of Sciences and Humanities (S&H), Department of Civil Engineering (CE), Department of Electrical and Electronics Engineering (EEE), Department of Mechanical Engineering (ME), Department of Electronics and Communication Engineering (ECE) and Department of Computer Science and Engineering (CSE). Each department is headed by a senior professor and is assisted by senior faculty to make the administration run in a smooth fashion. The head of the department is given full freedom to plan and run the department.

Organizational hierarchy is maintained to ensure administrative harmony. Empowerment through total decentralization of the departmental administrative system into several committees and units headed by senior faculty, promotes co-operation, sharing of knowledge and innovations. Separate departmental budgets ensure that there is no unprecedented resource crunch. The departmental libraries are stacked with a good number of reference books and journals. The departments also work as nodal centers that facilitate liaison among various stakeholders. Inter-departmental collaborations for R&D activities are encouraged.

## Staff

KHIT has recruited well-qualified and experienced teaching faculty committed to fulfill the task by imparting quality technical education through well-designed teaching learning processes and procedures. The teaching staff are always supported by experienced technical staff in the functioning of laboratory classes. The faculty members continue to contribute for the constant progress of the students and the institution. Students are encouraged to effectively utilize the services of faculty members for their academic improvement. Eligible faculty members are encouraged to pursue their higher studies such as M.Tech. and Ph.D. in reputable organizations. The faculty - student ratio i.e 1:15 is consistently maintained for making the teaching – learning process, an effective one in the college. As such the college has 163 faculty members on rolls. There are a large number of research papers published by faculty in both national and international journals of repute.

## Laboratories

The college has well-equipped laboratories as per university norms and spread over an area of 3620 sq.m. The college has an exclusive English Communication Skills Laboratory equipped with multimedia systems.



## Language & Communication Skills Laboratories

The college is having a full-fledged language laboratory to impart knowledge in English and Communication Skills. Students are also provided with resources to prepare for GATE, TOEFL, GRE and other competitive examinations for their career advancement.



## Achievements

2010	<ul style="list-style-type: none"> <li>• The inception of Kallam Academy of Educational Society</li> <li>• Establishment of KHIT with five UG programmes (CE, EEE, ME, ECE &amp; CSE) in Engineering with an intake of 300 students and affiliation from JNTU Kakinada and Approval from AICTE.</li> </ul>
2012	<ul style="list-style-type: none"> <li>• Increase of intake from 60 to 120 in B. Tech. ECE programme.</li> <li>• M.Tech. CSE programme is introduced with an intake of 18</li> </ul>
2013	<ul style="list-style-type: none"> <li>• Increase of intake from 120 to 180 in B. Tech. ECE programme.</li> <li>• Increase of intake from 60 to 120 in B. Tech. CSE programme.</li> <li>• MoUs with SP Group, Paxterra, Effotronics etc.</li> </ul>
2014	<ul style="list-style-type: none"> <li>• Increase of intake from 60 to 120 in B. Tech. CE &amp; ME programmes.</li> </ul>
2015	<ul style="list-style-type: none"> <li>• M.Tech Structural Engineering in CE and M.Tech. Thermal Engineering in ME are introduced with an intake of 24 each.</li> <li>• Entrepreneurship Development Cell (EDC) Boot camp.</li> <li>• Obtained ISO 9001: 2015 certification.</li> </ul>
2016	<ul style="list-style-type: none"> <li>• NAAC &amp; NBA processes are initiated by the college management</li> </ul>

### Training and Placement Cell

KHIT has a fully equipped Training and Placement Cell headed by an experienced Professor with industrial experience and supported by department coordinators. The cell has been playing dual role of assessing ever-changing industrial requirements and estimating inherent talents of the students. The cell has been grooming the students by organizing various programs in Soft skills and Personality development programmes. The students are guided for Off-campus and On-campus interviews.



### Campus Placements

The KHIT was established in 2010 and it is celebrating its 6th anniversary and has sent out only three batches of students, this year (2016) alone marks a record placement of over 248 students in 29 companies. In the last two years, 250 students have been placed by the Training and Placement cell of the college in almost 40 companies.

KHIT is treated as a most suitable place for conducting prestigious examinations like EAMCET, PGECET, etc; and national examinations like IIT JEE, Post-Graduate Medical Entrance Examinations, Army Recruitment Examinations, UGC NET Examinations, etc. are



held with a lot of responsibility and confidentiality by the college staff and that opens avenue for employment and career opportunities to deserving candidates.

### **Library**

The college has a very good library, computing and internet facilities. The library has total volumes of 16,058(2821 titles) in addition to a good number of both National and International journals. It has e-journal subscription available through DELNET. The students are encouraged to make full use of the Central Library, Digital Library and other facilities. The Digital Library & Internet center acts as the prime source of knowledge enrichment for students and faculty members seeking satisfying and appealing status in the technological world. The internet facility is opened for students and staff from 8.00 A.M. to 6.00 P.M. every day and has the connectivity of 100 Mbps, which is extensively used by students and faculty members.



### **Internet**

Broad band internet connectivity is provided covering all the Departments, Labs, Library and Class rooms in the campus through 100 Mbps leased line from Bharat Sanchar Nigam Limited. One lab is dedicated for internet services during the evenings.

LAN facility: All computing labs are provided with LAN facility.

Wi-Fi facility: Wi – Fi facility is available in the institute.

### **Innovations and Best Practices**

The institution emulates best practices such as maintenance of discipline, professional ethics and excellence in teaching. It is free from ragging for it has an anti-ragging committee in action. Students, of their own volition, involve in community development and social service activities through NSS and variegated Students Clubs. They participate in activities like blood

donation camps, distribution of food and clothing to the poor, organizing social awareness camps in nearby villages and so on.

- The institution has ICT class rooms well furnished with LCD projectors, Multimedia PCs, Wi-Fi facility and complete LAN connectivity and Internet access.
- An auditorium with 600 capacity and two seminar halls are provided with PCs and projection systems which support mass presentation.
- Both student and faculty have access to JNTUK’s COEdRD portal for subject-wise e-content.
- College also facilitates video conference lectures being delivered by university under MOOCs programme.
- NPTEL and online courses of different IITs are made available to the students and staff.

### **Professional Societies**

KHIT has different chapters of Professional Societies like ISTE, IETE and CSI for both students and staff. On behalf of these chapters, several activities are organized namely, technical paper symposium “SAMKALP”, students technical quizzes, industrial visits and Faculty Development Programmes (FDPs) for the benefit of staff members of various departments of several colleges in this region.

### **Entrepreneurship Development Cell**

The Entrepreneurship Development Cell (EDC) was formed in the college to equip the students with the inputs, skills and facilities available in small-scale industries for starting their own ventures. Guest Lectures by the officials of the small scale industries development and management with successful entrepreneurs will be arranged for the students for giving them full information regarding Project report preparation and Financial assistance such as short-term/long –term loans offered by various banks/Financial Institutions, for working capital for operation and fixed capital for purchase of Machinery/Computers/ equipments, etc.

### **Alumni Association**

Every department takes the opinions/suggestions of alumni on various developmental activities by communicating with them and collects the pre-determined formats supplied in this regard. An alumni portal is designed on the college website for better interaction between the college and alumni. Alumni meetings will be conducted every year on the college campus.

### Co-curricular and Extracurricular Activities

In order to encourage the hidden talents of students, the college cultural committee organizes events like General Quiz, Essay writing, Elocution, Mimicry, Short Film making, Extempore, Mock show, Singing & Dancing, Skits, etc.. It gives the students an opportunity to prove their talents, exhibit their leadership qualities and to unleash their latent and hidden talents. Apart from the above, Annual Day celebrations of the college are being organized every year, highlighting the academic, co-curricular & extra-curricular achievements made during that current academic year.

The college has established an excellent air conditioned auditorium having 600 seating capacity with all the required audio and visual facilities.



### NSS Activities

KHIT has an NSS unit, which has established a meaningful linkage between the college and the society. Activities like organizing Blood Donation Camps, distribution of relief items like clothes, food packets & utensils for the affected people during natural disasters like floods & Tsunami which include one day salary from all the staff members. Road safety rallies, Temple renovation, Eye camps, Clean & Green Campus (Swatcha Bharat) are some of the general socio environmental related works undertaken by the students.



**Blood Donation Camp**



**Awareness Programme on Road Safety Issues**



**Medical Camps**



## Sports and Games

Sports & Recreation are the interesting activities for all ages and a powerful medium for interaction with other institutions. The college playground comprises of various Sports and Games fields like Shuttle, Badminton, Cricket, Volley Ball, Tenni-koit, etc for both men and women. The college conducts different sports events inside the campus and many of our students have participated in the zonal, intra-state and national level competitions. Students from all the departments have also participated in different track and field events and won prizes during inter departmental sports events.



## Transport Facilities

The college is providing buses for both students and staff for commuting to the college from various areas of Guntur and nearby villages. The college provides transport facilities for off-campus and industrial visits as part of academic requirements.



## Hostel & Canteen

Furnished hostels are available on the campus for students. These hostels are provided with all basic amenities. Students are provided with computer facility, water heating systems and stores to cater the needs. The college has its own 'Purified Water Plant' for the supply of pure drinking water round the clock. The canteen inside the campus provides hygienic refreshments to staff and students at subsidized prices.



## Social Gatherings /Picnics/Tours for Staff

In the present Scientific and Technological advancement of marvelous dimension, the human kind is almost cut off from his/her awareness and experience of the finer side of his/her personality. This resulted in keeping himself/herself on too much stress and strain which is commonly found in both academic and non academic fields. To have relief from this stress and strain, the individual needs some entertainment activities for his/her relaxation. Taking this fact into account, KHIT arranges social gatherings/picnics/cultural activities for its staff members to make them feel relieved and relaxed and return to their work schedule with rejuvenated spirit.



## Garden party arranged by KHIT on the eve of Karthika Mahothsavam

### **Magazine & News Letter**

**PRERANA-** The College Magazine is published once a year. It is released on the occasion of the annual day celebrations. PRERANA gives a clear vision of annual report of the college and also the staff information. PRERANA also contains articles, poems , jokes, drawings and paintings and other interesting facts contributed by students and staff of KHIT. This brings out the hidden talents of students. The magazine is circulated to all the stakeholders of the institutions.

**KHIT Prabha-** A News Letter is also published and circulated among staff and students twice a year. The news letter contains the list of the main events conducted and achievements of staff and students in the current academic year. The events include, seminars, workshops, paper presentations conducted in various departments and also the various curricular and extra-curricular activities conducted throughout the college.

### **Points of Pride**

- ✓ First ISO 9001-2015 certified institution in Andhra Pradesh.
- ✓ Awarded by Chief Minister of Andhra Pradesh for development of best APP in the year 2014.
- ✓ Mr.K.Somanatha Swamy of IV B.Tech EEE student has got first prize in IIT Delhi in project expo competition in the year 2014.

### **Institute SWOC Analysis**

#### **Strengths**

1. Institute has well qualified and committed teaching and non-teaching Staff.
2. Institute has well equipped infrastructure, laboratories and spacious built-up area.
3. Outcome based teaching focused on employment and entrepreneurship development.
4. Institute has excellent interaction with eminent industries for technical and managerial support.
5. Management with strong industrial background and a vision for imparting quality education and student welfare.

### **Weaknesses**

1. Most of the students are from rural areas, striving hard to meet national and global standards in technical education and facing language barriers.
2. Institute has to upgrade their teaching community to meet the quality in research work for getting more funded projects, consultancy, patents, etc.

### **Opportunities**

1. Ever increasing demand for technical education at UG & PG level of Engineering & Technology.
2. Lot of scope for new industries to arrive as the state is bifurcated recently.
3. Many more opportunities for tie-ups with both established and start-up companies in India and abroad for enhancing learning outcomes.

### **Challenges**

1. Ever increasing competition among nearby institutions and upcoming private universities.
2. To produce more efficient and industry-ready engineers.
3. To become a fully residential campus
4. Unavailability of competent faculty in engineering field.

**PART-C**  
**PROFILE OF THE**  
**INSTITUTION**

## PROFILE OF THE COLLEGE

### 1. Profile of the Affiliated / Constituent College

#### 1. Name and Address of the College:

<b>Name :</b>	Kallam Haranadhareddy Institute of Technology	
<b>Address :</b>	Chowdavaram(V), Guntur Rural(M), Guntur (Dist.)	
<b>City : Guntur</b>	Pin : 522 019	State : Andhra Pradesh
<b>Website :</b>	<a href="http://www.kaesguntur.com">www.kaesguntur.com</a>	

#### 2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Email
Director	Dr.M.Umasankara Reddy	O:08632119726	9491073337	kaesguntur@gmail.com
Principal	Dr. B.S.B.Reddy	O:08632119726	9494539972	bsbreddy@ gmail.com
Steering Committee Co-ordinator	Dr.K.V.Ramprasad	O:08632119726	9441031395	kvrp1976@gmail.com

#### 3. Status of the Institution:

Affiliated College	√
Constituent College	-
Any other (specify)	-

#### 4. Type of Institution:

##### a. By Gender

i)	For Men	--
ii)	For Women	--
iii)	Co-Education	√

b. By Shift

i)	Regular	√
ii)	Day	-
iii)	Evening	-

5. It is a recognized minority institution?

Yes	-
No	√

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

6. Sources of funding:

Government	-
Grant-in-aid	-
Self-Financing	√
Any Other	-

7. a. Date of establishment of the college : 14/07/2010

b. University to which the college is affiliated /or which governs the college  
(If it is a constituent college) :

**Jawaharlal Nehru Technological University Kakinada, Kakinada, A.P.**

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	--	Applied
ii. 12 (B)	--	--

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MGI, DGI, PCI, RCI etc.)

Under Section/ clause	Recognition / Approval details Institution / Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.	F.No: South-Central/1-2813621024/2016/EOA	05/04/2016	2016-17	--
ii.	JNTUK/DAP/B1/B.Tech/B.Pharmacy/2016-17	26/05/2016	2016-17	--

(Annexure – II : AICTE Approval Letter)

(Annexure – III : JNTUK Affiliation Letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes  No

If yes, has the College applied for availing the autonomous status?

Yes  No

9. Is the college recognized

a. by UGC as a College with Potential for Excellence (CPE)?

Yes  No

If yes, date of recognition: ..... (dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes  No

If yes, Name of the agency ..... and

Date of recognition: ..... (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	Rural
Campus area in Acres	<b>10.71</b>
Built up area in sq. mts.	<b>20, 388.92</b>

(\* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)



11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

• Auditorium/seminar complex with infrastructural facilities

• **Sports facilities**

- Play ground                      ✓
- Gymnasium                              ✓

• **Hostel**

<b>Boys' Hostel</b>	
i. Number of hostels	1
ii. Number of inmates	105
iii. Facilities (mention available facilities)	Generator Television Washing Machine Water Heating Systems Sports
<b>Girls' Hostel</b>	
i. Number of hostels	--
ii. Number of inmates	--
iii. Facilities (mention available facilities)	--

• Residential facilities for teaching and non-teaching staff (give numbers available — cadre wise)

**Working Men – 5**

• Cafeteria — Yes

• Health centre – Yes

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....

Health centre staff –

Qualified Doctor                      Full Time                       Part Time

Qualified Nurse                      Full Time                       Part Time

• Facilities like

Banking                      - No

Post office                      - No

Book Shops                      - Yes

• Transport facilities to cater to the needs of students and staff – Yes

**15 buses for students and staff (free Transportation) and car allowance is given for 4 senior faculty.**

- Animal house - **No**
- Biological waste disposal - **Yes**
- Generator or other facility for management/regulation of electricity and voltage - **Yes**
- Solid waste management facility - **Yes**
- Waste water management - **Yes**
- Water harvesting – **Yes**

12. Details of programmes offered by the college  
(Give data for current academic year)

Sl. No.	Programme Level	Name of the Programme / Course	Duration	Entry Qualification	Medium of instruction	Sanctioned / approved Student strength	No. of students admitted
1.	UG	B.Tech – CE	4 Years	10+2	English	120	100
2.	UG	B.Tech - EEE	4 Years	10+2	English	60	41
3.	UG	B.Tech - ME	4 Years	10+2	English	120	109
4.	UG	B.Tech - ECE	4 Years	10+2	English	180	171
5.	UG	B.Tech - CSE	4 Years	10+2	English	120	118
6.	PG	M.Tech – CE (Structural Engg)	2 Years	B.Tech	English	24	1
7.	PG	M.Tech- ME (Thermal Engg.)	2 Years	B.Tech	English	24	7
8.	PG	M.Tech – CSE (Computer Science & Engg.)	2 Years	B.Tech	English	18	4

13. Does the college offer self-financed Programmes?

Yes  No

If yes, how many?

14. New programmes introduced in the college during the last five years if any?

Yes	√	No	--	Number	03
-----	---	----	----	--------	----

New Programmes introduced in the college during the last five years

Year	Name of the Programme	Year of approval	Sanctioned Intake
2012-13	M.Tech- CSE	2012	18
2013-14	M.Tech- CE	2013	24
2013-14	M.Tech- ME	2013	24

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments	UG	PG
Engineering	Department of Civil Engineering	B.Tech	M.Tech
	Department Electrical & Electronics Engineering	B.Tech	--
	Department of Mechanical Engineering	B.Tech	M.Tech
	Department of Electronics & Communication Engineering	B.Tech	--
	Department of Computer Science & Engineering	B.Tech	M.Tech

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...)

- a. annual system
- b. semester system
- c. trimester system

17. Number of Programmes with

- a. Semester Based Credit System
- b. Inter/Multidisciplinary Approach
- c. Any other (specify and provide details)

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes  No ✓

If yes,

a. Year of Introduction of the programme(s).....   
(dd/mm/yyyy) and number of batches that completed the programme b.

b. NCTE recognition details (if applicable)

Notification No.: ..... Date:

..... (dd/mm/yyyy)

Validity : .....

c. Is the institution opting for assessment and accreditation of Teacher Education

Programme separately?  Yes  No

19. Does the college offer UG or PG programme in Physical Education?

Yes  No ✓

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)  
and number of batches that completed the programme b. b. NCTE recognition

details (if applicable)

Notification No.: .....

Date: ..... (dd/mm/yyyy)

Validity .....

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately? Yes  No ✓

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the Management/ society or other authorized bodies Recruited	17	2	33	7	73	31	10	16	26	10
Yet to										

\*M-Male \*F-Female

## 21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent teachers</b>							
Ph.D.	14	2	-	--	-	-	16
M.Phil.	-	-	4	4	-	-	8
PG	3	-	29	3	73	31	139

## 22. Number of Visiting Faculty /Guest Faculty engaged with the College.

Departments invite eminent professors from IIT, IIIT, NIT professors regularly and organizes guest lectures for students.

Programme	Total number of Programmes Organized in Institution by all Departments				
	2015-16	2014-15	2013-14	2012-13	2011-12
<b>Orientation programmes</b>	11	10	11	7	7
<b>FDPs</b>	5	5	5	3	1
<b>Seminars/Workshops/guest lectures</b>	23	21	18	14	12

## 23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	2015-16		2014-15		2013-14		2012-13	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	52	7	34	7	43	11	17	2
ST	4	0	5	1	3	0	4	2
OBC	167	45	173	47	135	24	82	13
General	160	125	271	132	174	102	152	58
Others	--	--	--	--	--	--	--	--

## 24. Details on students enrollment in the college during the current academic year (only first year and lateral entry students who got admission in this academic year)

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	539	12	-	-	551
Students from other states of India	-	-	-	-	-
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total					551

25. Dropout rate in UG and PG (average of the last two batches)

**UG 8 members**

**PG 0**

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled )

**(a) including the salary component**

**Rs. 48,418/-**

**(b) Excluding the salary component**

**Rs. 21,478/-**

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes

No ✓

If yes,

a) is it a registered centre for offering distance education programmes of another University  Yes  No

b) Name of the University which has granted such registration.

c) Number of programmes offered

d) Programmes carry the recognition of the Distance Education Council.

Yes

No

28. Provide Teacher-student ratio for each of the programme/course offered

S.No	Name of the Program	Faculty Student ratio	
		UG	PG
1	Department of Civil Engineering	1 : 15	1 : 12
2	Department of Electrical and Electronics Engineering	1 : 15	1 : 12
3	Department of Mechanical Engineering	1 : 15	1 : 12
4	Department of Electronics and Communication Engineering	1 : 15	1 : 12
5	Department of Computer Science and Engineering	1 : 15	1 : 12

29. Is the college applying for

Accreditation : Cycle 1  Cycle 2  Cycle 3  Cycle 4

Re-Assessment:

*(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re- accreditation)*

30. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: .....NA..... (dd/mm/yyyy)

Accreditation Outcome/Result..... Cycle

2: ..... (dd/mm/yyyy)

Accreditation Outcome/Result..... Cycle

3: ..... (dd/mm/yyyy)

Accreditation Outcome/Result.....

**\* Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.**

31. Number of working days during the last academic year.

32. Number of teaching days during the last academic year

*(Teaching days means days on which lectures were engaged excluding the examination days)*

33. Date of establishment of Internal Quality Assurance Cell

(IQAC) IQAC: 28-03-2016

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC. NA

AQAR (i) ..... (dd/mm/yyyy) AQAR (ii)

..... (dd/mm/yyyy) AQAR (iii)

..... (dd/mm/yyyy) AQAR (iv)

..... (dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

**PART-D**  
**CRITERION WISE INPUTS**



# **CRITERION I CURRICULAR ASPECTS**

## **CRITERION I**

### **CURRICULAR ASPECTS**

#### **1.1 Curriculum Planning and Implementation**

##### **1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other corporate.**

Kallam Haranadhareddy Institute of Technology was established in 2010 as a private, self - financing institution in Guntur rural in Andhra Pradesh. The institution was established with a noble idea of imparting technical education and skills to the rural students.

**Institute Vision:** To be a quality - oriented technical institution known for global academic excellence and professional human values

**Institute Mission:**

1. To provide quality instruction with competent and knowledgeable faculty and well - equipped laboratories to meet global standards
2. To achieve academic distinction through novel teaching and learning practice
3. To encourage students by providing merit scholarships
4. To prepare the graduates to accomplish professional practice, employability, entrepreneurial development and higher education
5. To inculcate self-discipline, accountability and values in the learners for effective and informed citizenship
6. To focus on MoUs with premier institutes and renowned industries for effective industry-institution interaction to become an R&D centre through skill development , professional up-gradation and innovation

**Quality Policy:**

KHIT is engaged in imparting quality education to the young aspirants in engineering and technology. It constantly strives towards achieving high standards of teaching. The objectives of the Quality Policy of the institution are as follows:

1. To provide highly qualified, experienced and committed faculty for furtherance of Teaching-Learning Process commensurate with the changing technological environment.
2. To establish and maintain state-of-the-art laboratories to provide practical knowledge to students.
3. To develop the college into a global institute of learning and research.
4. To strive for establishing an effective Quality Management System ensuring continuous improvement
5. To train and develop human resources by encouraging faculty to work as a team and to update their knowledge and skills continually to match the needs of the industry.
6. To imbibe competitive spirit among the students by providing merit scholarships to the toppers of each class in the academic year.

The college does its best in taking every possible step to carry out its Vision and Mission by building a strong bond between the Institute and all the stakeholders associated with it, i.e., students, parents, faculty, non-teaching staff, alumni members, sponsors and donors.

**The details are listed below:**

**Publication of Vision and Mission:**

- Vision and Mission statements are displayed in the form of sign boards in all the classrooms, laboratories, staff rooms, corridors, canteen and offices of various departments including department notice boards.
- They are prominently published on the institute website which is frequently viewed by all the stakeholders concerned.
- In addition to that, they are published in the college magazine and brochure which are released annually.
- These are printed even in the student handbook that is published every semester.

---

**Carrying out Vision and Mission :**

- Stakeholders are informed about vision and mission statements before they are published on the college website.
- Besides, the execution of the college vision and mission statements are brought to the notice of :

***Students:***

- Vision and Mission statements are explained to students at the time of their admission during the induction programme.
- These are brought to the students notice during every important event organized by the college.

***Parents:***

- The Vision and the Mission of the college are explained to parents during the induction programme organized at the time of admission of their wards.

***Faculty and Staff:***

- The Teaching and Non-Teaching staff are informed about the institute vision and mission during the staff orientation programmes.

***Alumni Members:***

- Vision and mission statements are discussed during the annual alumni meeting in order to remind the Alumni members.

***Governing Body:***

- The members of governing body are apprised of college vision and mission every semester.

***Employers:***

- The college brochure containing the vision and the mission is passed on to the employers, when they visit the campus during placement drives or when the placement cell approaches the employers.

***Professional Bodies:***

- The brochures of college vision and mission are handed over to the professional bodies during the organization of various events.

***Sponsors and Donors:***

- The college brochure containing vision and mission is explained to the sponsors/donors when they approached the institute for sponsorship of various activities organized on campus.

**1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).**

The institution devised action plans to effectively implement the curriculum prescribed by the JNTU-K. As part of the planning, a meeting is convened with the Head of the Departments and senior faculty to devise strategies in order to implement the curriculum. Teachers are oriented not only towards the implementation of the plan but also towards innovative teaching methods such as presentations, assignments, discussions, seminars, video lectures, NPTEL Video Lectures, etc., apart from traditional lecture method to impart the curriculum. The details are given below:

- The subjects are allocated to the faculty, based on their qualification, specialization, experience and willingness.
- Faculty will prepare Teaching Plans (Lesson Plans) for the subjects they teach and the laboratory sessions they conduct. The academic schedule is strictly followed as per the academic calendar given by JNTUK.
- Course files prepared by the faculty which include:

<b>COURSE FILE</b>	
1	Individual time table
2	Course objectives, outcomes and PEOs
3	Syllabus
4	Lesson plan
5	Lecture notes, hard copies of PPTs if any
6	Assignment/Tutorial questions and answers
7	Mid answer scripts and questions
8	University previous question papers
9	Slip tests
10	Remedial & make - up classes
11	Lecture notes for extra topics covered
12	List of slow - learners
13	Syllabus coverage and actual no. of classes taken
14	Result analysis
15	Student feedback analysis

- A copy of the curriculum is provided to each student.
- The academic calendar is also issued to the students. It is followed, with minor changes whenever required, to cater to the local situations.
- Based on the course of action specified by JNTUK Kakinada, students are equipped with an academic schedule for each semester.

- The academic schedule includes details like unit starting and ending, assignment submission, internal assessment test, question bank and solved material distributions, college functions, etc.
- The progress of syllabus coverage is monitored periodically by the Heads of the Departments concerned and the Principal.
- The class attendance registers maintained by faculty members contain entries like class - wise student attendance, topics covered, slip test marks, assignment marks and seminars handled by students. The attendance registers are regularly monitored by the HOD and the Principal.
- In addition to the curriculum, students are educated about the most recent developments in their particular field during guest lectures by industry experts, through industrial visits, etc.
- Periodical feedback is obtained from the students to enhance the teaching-learning process.
- Regular Class Committee Meetings are held by the Head of the Department to review the teaching - learning process, academic progress of the student, grievances if any, and suitable counteractive actions are taken as and when necessary.

### **1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or the institution) for effectively translating the curriculum and improving teaching practices?**

The Institute follows the curriculum prescribed by Jawaharlal Nehru Technological University Kakinada. The university prescribes the syllabus, recommends text books and reference books for ready reference. Sufficient time is given to complete the entire syllabus.

The curriculum is delivered to the students after a serious preparation as well as critical thought by the faculty concerned. The institution encourages the faculty to have updated knowledge by enrolling them for the refresher courses, orientation programs and workshops. The college provides books and other teaching and reference books like IEEE journals, magazines and software to enable its faculty to ensure effective delivery of curriculum. The Institution supports the process of enhancing the ability of the faculty to implement the curriculum in the following manner:

- Class rooms with proper ventilation, lighting, fans and full-fledged furniture based on students' strength.

- The institute encourages the faculty to pursue higher studies through the Quality Improvement Programme and to promote the research work individually or in collaboration with MoUs.
- The college also arranges lectures on research methodologies by eminent professors to promote research activities and enrich the departments with various aspects of research.
- The college procures textbooks suggested by the faculty members and subscribes to various journals and technical magazines to aid the effective delivery of the curriculum.
- Center of Excellence for e-resource Development and Deployment (CoEeRD) has been effectively used to address the changes in learning trends in engineering education.
- Classroom lectures of various courses in the curriculum are supplemented with NPTEL lectures.
- Advanced teaching aids such as audio and video facilities, technical video resources (video CDs, DVDs) are provided for successful dissemination of the subject to the students.

#### **1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.**

- The academic calendar with necessary instructions, norms and procedures of assessment is given to every student at the beginning of the academic year.
- The college provides question banks, e-books and previous question papers.
- Utmost importance is given to maintain transparency in the assessment of students' academic performance.
- Frequent Industrial visits are arranged to provide practical exposure to the students on the subjects of their curriculum.
- Students are sent to various industries like Visakhapatnam Steel Plant, Ashok Leyland, Doordarshan, BDL, HAL, ECIL, Nagarjunasagar Hydel Project, VTPS, etc. for internships/trainings.
- The departments conduct seminars, group discussions and technical quiz to effectively impart knowledge to students.

- The institution organizes guest lectures on various subjects by inviting faculty from reputable organizations to share their knowledge.
- Remedial classes and study hours are conducted for slow learners in every subject to bring them on par with the other students.
- T&P (Training & Placement) Cell of the institution will provide necessary training in technical and general aspects for the employability of the students.
- Students are encouraged to participate in various intra - collegiate and inter -collegiate technical and cultural competitions.

### **1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective initiation of the curriculum?**

The institution often interacts with Industry in order to bring about effective translation of curriculum into practice. Regular programmes are organized in association with industry to train the faculty in these aspects as a part of faculty development which will in turn be transferred to the students. The experts from industry and academia are nominated as members of advisory committee and their suggestions help in the effective initiation of the curriculum.

The faculty and students will be interacting with different professional bodies through various chapters like ISTE, IETE, CSI, etc. Events like seminars and conferences will be organized under the aegis of these chapters and thus they will have interaction with outside world.

- The college has a Training and Placement Cell which interacts with several industrial representatives to know about the emerging opportunities. Professionals from industries are invited regularly to inform the students about the career opportunities and challenges.
- Industrial visits and educational tours are organized periodically to help students bridge the gap between academics and the industry.

#### ***Industry Academic Interface***

Professionals from Industry are invited to interact with students and provide them with inputs of the emerging trends in IT sector, Communications, Radars, Power generation, Solar energy, Structural Engineering, Mechanical Engineering, etc.



**Placement Cell**

Companies and corporate houses of repute are invited for recruitment. MoUs are signed with leading industries (Ramky group, Paxterra, Trueszler, Efftronics, etc.) for better institute - industry interaction.

**1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, corporate feedback provided, specific suggestions, etc.**

Suggestions for improvement will be conveyed to Board of Studies of JNTUK. As an affiliated Institute, the college is bound by the curriculum designed and prescribed by JNTUK, Kakinada. Specific suggestions received from different agencies are analyzed and conveyed to the university for consideration in its Board of Studies meetings. The institute encourages conducting extra lab experiments in addition to the ones prescribed in the syllabus. In theoretical subjects, additional concepts are added and they are explained in a detailed manner to enrich the students' basic knowledge.

**1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university)by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.**

No, it doesn't. The scope is limited as the college is affiliated to Jawaharlal Nehru Technological University, Kakinada. We adhere to the syllabus prescribed by the university. However, timely modifications are made to meet the global trends through curriculum updation, projects, industrial visits, guest lectures, workshops, faculty development programs, participation in seminars, symposiums, technical fests, national and international conferences by students and faculty.

Certification courses and add-on courses are efforts to supplement the gap in learning and to add value to existing courses. A few of such initiatives are: soft skills course and spoken English course designed by the department of English, a constituent of S&H.

### 1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

The institute has established effective communication with the reputable corporate sector to ensure the implementation of the objectives mentioned in the curriculum. The following methods are followed to monitor the implementation:

- ❖ **Feedback:** Feedback is taken from students on faculty.
- ❖ **Reviews:** Student performance is thoroughly reviewed periodically.
- ❖ **Students' Performance:** Meritorious students, i.e. top 10% of each class are given a cash reward of Rs. 10,000/- each.
- ❖ **Quality of Placement:** Quality of Placement is evaluated on the basis of the number of placements every year.
- ❖ **Enhancement of Teaching-learning Process:** Regular enhancement of teaching-learning skills along with the theoretical inputs is achieved through participation in national workshops, seminars, conferences, discussions, etc by the members of faculty.
- ❖ **Achievements of Faculty:** Up gradation of qualifications pertaining to the areas of specialization, paper presentations and publications in reputed journals by the members of faculty is considered an achievement.
- ❖ **In-house Research Activities:** Minor and major projects undertaken gives the impetus for the in-house Research activities.
- ❖ **Overall Performance of the Institution:** University results, participation in various cultural and sports activities, competitive exams and progress of alumni are used as parameters to evaluate the overall performance of the Institution.
- ❖ **Extension Activities:** Participation in social outreach

## 1.2 Academic Flexibility

### 1.2.1 Specify goals and objectives and details of courses offered by the institution

Keeping in view of the placement priority to the students, the institute is offering soft skills, personality development and CRT programs for III and IV B.Tech students in association with Globarena Technologies, Hyderabad, Manhattan Review, Guntur and Global career point, Hyderabad. Further the college is encouraging students to acquire certifications from reputable corporate bodies.

**1.2.2 Does the institution offer any programme that facilitate twinning /dual degree? If ‘yes’ give details.**

No, it does not offer any as it is affiliated to Jawaharlal Nehru Technological University, Kakinada.

**1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:**

- ✓ Range of Core / Elective options offered by the University and those opted by the college
- ✓ Choice Based Credit System and range of subject options
- ✓ Courses offered in modular form.
- ✓ Credit transfer and accumulation facility
- ✓ Lateral and vertical mobility within and across programme and courses
- ✓ Enrichment courses

In addition to soft skills training, the institution is imparting value added courses like web designing, JAVA, DBMS, Cloud Computing, MAT Lab, AUTO CAD, etc to improve the potentiality for employment.

Special training is imparted on GATE, GRE, TOEFL, CAT, etc for pursuing their higher education after immediate completion of B.Tech degree.

For promoting higher education, the college has provided the students with the support and assistance from faculty members of each department. Further, students can take online examinations using internet facilities at our institution.

Awareness programs on future prospects after graduation are often organized and there is a provision of study material in the form of e-books in digital library.

**Range of Core / Elective options offered by the University and those opted by the college**

In compliance with the curriculum of the Jawaharlal Nehru Technological University Kakinada, the students must register for all the core subjects prescribed. All the students have the choice of selecting elective subjects from the list of subjects offered by the University. The elective subjects offered are based on the latest technological trends and industrial needs so that at the end of the programme, the student can be conversant with those advanced topics and be

ready to meet the needs of the industry. The following table shows the number of core and elective courses offered. For each of the elective subjects, the students have a range of 4 -5 subject choices for all the programs offered. For example, the table below gives the range of electives available in JNTUK syllabus and those offered by the Department of Mechanical Engineering.

**R13**

<b>Electives Offered by the University</b>	<b>Electives opted by the College</b>
<p><b>Open Elective</b></p> <ul style="list-style-type: none"> <li>• MEMS</li> <li>• Nano Technology</li> </ul> <p><b>Department Elective- I</b></p> <ul style="list-style-type: none"> <li>• Refrigeration &amp; Air-conditioning</li> <li>• Computational Fluid Dynamics</li> <li>• Condition Monitoring</li> <li>• Rapid Prototyping</li> </ul> <p><b>Department Elective- II</b></p> <ul style="list-style-type: none"> <li>• Material Characterization Techniques</li> <li>• Design for Manufacturing</li> <li>• Automation in Manufacturing</li> <li>• Industrial Hydraulics &amp; Pneumatics</li> </ul> <p><b>Department Elective- III</b></p> <ul style="list-style-type: none"> <li>• Experimental Stress Analysis</li> <li>• Mechatronics</li> <li>• Advanced Materials</li> <li>• Power Plant Engineering</li> </ul> <p><b>Department Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Non-Destructive Evaluation</li> <li>• Advanced Optimization Techniques</li> <li>• Gas Dynamics &amp; Jet Propulsion</li> <li>• Quality and Reliability Engineering</li> </ul>	<p><b>Open Elective</b> Nano Technology</p> <p><b>Elective I</b> Refrigeration &amp; Air Conditioning</p> <p><b>Elective II</b> Design for Manufacturing</p> <p><b>Elective III</b> Power Plant Engineering</p> <p><b>Elective IV</b> Advanced Optimization Techniques</p>

R10

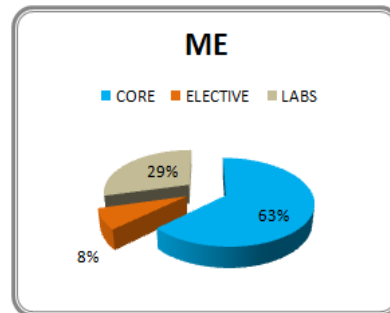
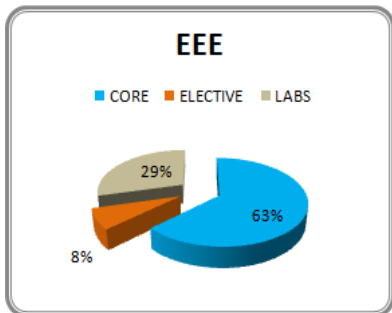
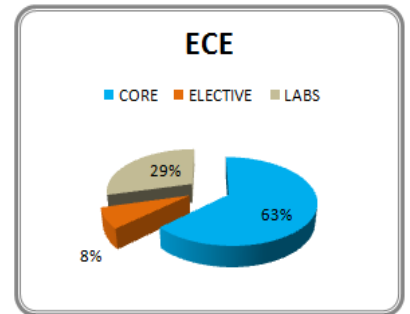
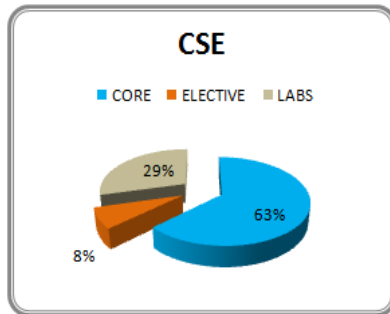
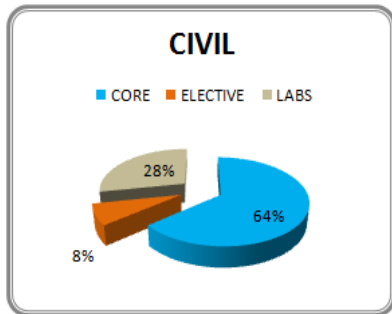
Electives Offered by the University	Electives opted by the College
<p><b>Open Elective</b></p> <ul style="list-style-type: none"> <li>• MEMS</li> <li>• Industrial Robotics</li> </ul> <p><b>Department Elective- I</b></p> <ul style="list-style-type: none"> <li>• Automobile Engineering</li> <li>• Computational Fluid Dynamics</li> <li>• Condition Monitoring</li> <li>• Rapid Prototyping</li> </ul> <p><b>Department Elective- II</b></p> <ul style="list-style-type: none"> <li>• Metal corrosion</li> <li>• Nano Technology</li> <li>• Automation in Manufacturing</li> <li>• Industrial Hydraulics &amp; Pneumatics</li> </ul> <p><b>Department Elective- III</b></p> <ul style="list-style-type: none"> <li>• Non Destructive Evaluation</li> <li>• DBMS</li> <li>• Advanced Materials</li> <li>• Power Plant Engineering</li> </ul> <p><b>Department Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Production Planning and Control</li> <li>• Advanced Optimization Techniques</li> <li>• Gas Dynamics &amp; Jet Propulsion</li> <li>• Quality and Reliability Engineering</li> </ul>	<p><b>Open Elective</b></p> <p>MEMS</p> <p><b>Elective I</b></p> <p>Automobile Engineering</p> <p><b>Elective II</b></p> <p>Nano Technology</p> <p><b>Elective III</b></p> <p>Power Plant Engineering</p> <p><b>Elective IV</b></p> <p>Production Planning and Control</p>

## Undergraduate Programme R10:

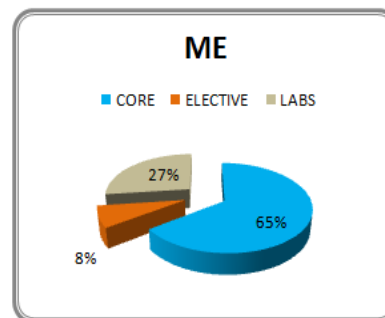
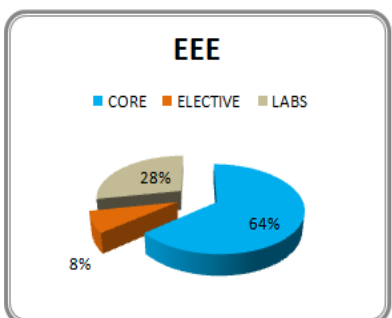
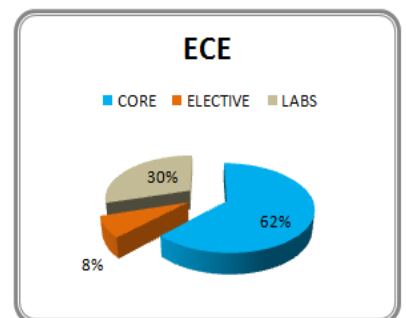
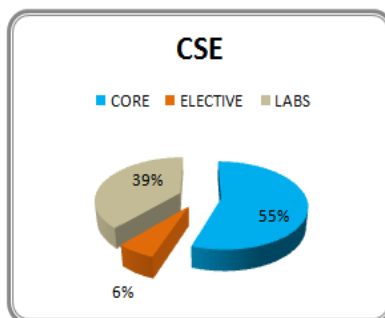
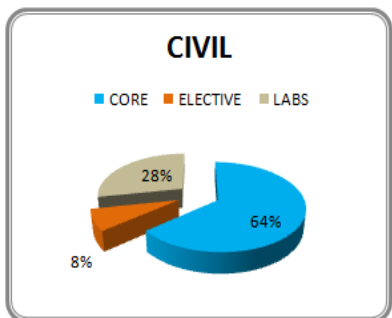
S. No.	Programme	Semester	R10			R13		
			Core	Elective	Labs	Core	Elective	Labs
1	CE	I	6		4	6		3
		II	6		3	6		4
		III	6		2	6		2
		IV	6		3	6		3
		V	6		2	6		2
		VI	6		2	5	1	2
		VII	4	2	2	5	1	2
		VIII	1	3		1	3	
		<b>Total</b>		41	5	18	41	5
2	CSE	I	6		4	5		3
		II	6		3	5		3
		III	6		3	5		4
		IV	6		3	5		3
		V	6		2	5		5
		VI	6		2	5		3
		VII	4	2	2	4	2	4
		VIII	1	3		2	2	
		<b>Total</b>		41	5	19	36	4
3	ECE	I	6		4	6		3
		II	6		3	6		3
		III	6		3	6		2
		IV	6		3	6		2
		V	6		2	6		3
		VI	6		2	4	1	4
		VII	4	2	2	4	2	2
		VIII	1	3		2	2	
		<b>Total</b>		41	5	19	40	5

4	EEE	I	6		4	6		4									
		II	6		3	6		3									
		III	6		3	6		2									
		IV	6		3	6		2									
		V	6		2	7		2									
		VI	6		2	6		2									
		VII	4	2	2	3	2	3									
		VIII	1	3		1	3										
		<b>Total</b>	41	5	19	41	5	18									
5	ME	I	6		4	6		3									
		II	6		3	6		3									
		III	6		3	6		2									
		IV	6		3	5		3									
		V	6		2	6		3									
		VI	6		2	6	1	1									
		VII	4	2	2	4	2	2									
		VIII	1	3		2	2										
		<b>Total</b>	41	5	19	41	5	17									
6	M Tech (CE) Structural Engineering	I					4	2	1								
		II					4	2	1								
		III & IV					Project										
		<b>Total</b>					8	4	2								
7	M Tech (CSE)	I									6	-	1				
		II									4	2	1				
		III & IV									Project						
		<b>Total</b>									1	2	2				
8	M Tech (ME) Thermal Engineering	I													4	2	1
		II													4	2	1
		III & IV													Project		
		<b>Total</b>													8	4	2

**Undergraduate Programme R10**

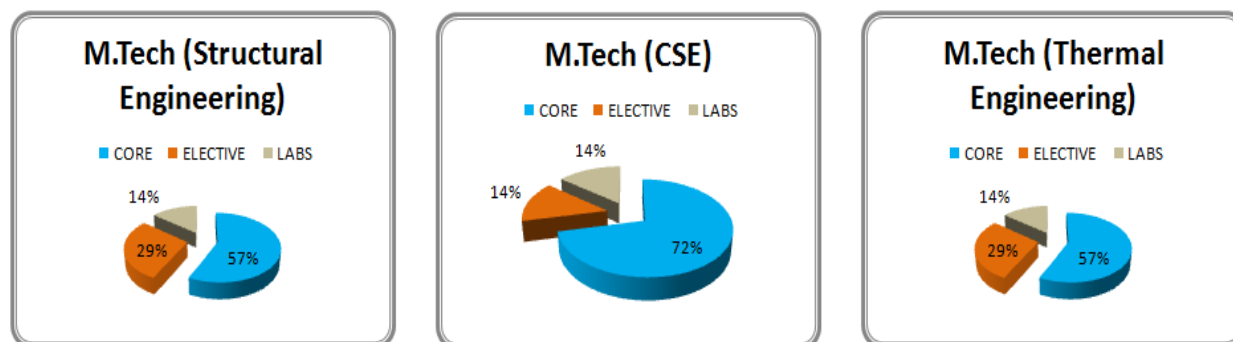


**Under Graduate Programme (R13)**





## Post Graduate Programme (R13)



### ***Preference Based Credit System and Collection of Subject Options:***

As per affiliating university JNTU Kakinada, choice - based credit system is not possible. Syllabus is framed in semester - based credit system. Each elective subject has a list of 4 to 6 options.

### ***Courses offered in modular form:***

Almost all the courses / syllabi are in modular form.

***Credit transfer and accumulation facility is not available.***

### ***Enrichment courses:***

Enrichment courses in the form of seminars and workshops and special training programs through AP State Skill Development Center (APSSD) are offered to our students. Advanced courses are offered as electives during the higher semesters of UG programme and all semesters in PG degree programme.

### ***Skill development:***

- Soft Skills Training is imparted to the students by both external and internal faculty right from 2nd year onwards by training & placement cell.
- In addition to regular academic courses, separate courses are allotted periods in the class time table to give training in aptitude and reasoning abilities.

### ***Academic mobility:***

- Electives are offered in engineering programme in 3rd & 4th year. Students have the flexibility of selecting their interested subjects from the group of electives offered by the JNTUK during those years.

- Industrial visits are arranged for the students during the 3rd year for understanding the applications of the knowledge they acquired and the emergence of latest technologies related to the academic curriculum.
- The faculty members of the departments are members in various professional bodies like ISTE, IETE, CSI, etc.

***Progression to higher studies:***

- In-house GATE, GRE, TOEFL and CAT coaching classes by both internal and external subject experts are conducted on regular basis.

***Improved potential for employability:***

- The institute conducts a special training program to all domains of curriculum under B. Tech. programme, for instance, Advanced Mechanical Software Training in ANSYS, AUTOCAD, PRO-E, etc, in association with EDS technologies, Bangalore.
- The institute conducts tests through external agencies such as Globarena technologies and Conduira which provide the platform for placements in reputable companies.
- Invitations are extended to the external agencies to conduct orientation programme on GATE, GRE, TOEFL, CAT, IELTS, etc.

**1.2.4 Does the institution offer self-financed programme? If “Yes”, list them and indicate how they differ from other programme, with reference to admission, curriculum, fee structure, teacher qualification, salary, etc.**

All the courses offered by the institute are self- financed ones. They are given below in a tabular form.

<b>Course</b>	<b>Intake</b>
B Tech (Civil Engineering)	120
B Tech (Computer Science and Engineering)	120
B Tech (Electronics and Communications Engineering)	180
B Tech (Electrical and Electronics Engineering)	60
B Tech (Mechanical Engineering)	120
M Tech (Computer Science and Engineering)	18
M Tech (Thermal Engineering)	24
M Tech (Structural Engineering)	24

**Admission Process:** The admission policy of the college complies with the rules and regulations laid down by the Government of Andhra Pradesh for different categories.

**UG Programme:**

1. Category “A”: The EAMCET convener fills up 70% of the seats in the Institute by allotting the candidates to this Institute on the basis of their choice, their EAMCET ranks and the reservation policy of the Govt. of Andhra Pradesh, with 75% weightage to the Common Entrance test, 25% weightage to the marks obtained in the qualifying examination, i.e. intermediate or +2 examination.
2. Category “B “: The remaining 30% of the seats are filled up by the Institute under the Management/NRI quota as per the guidelines given by the APSCHE and the Govt. of Andhra Pradesh.
3. Lateral Entry: The Convener of ECET admits 20 % of sanctioned intake for every program for direct admission to 2nd year of the four year B.Tech program from amongst the diploma holders based on their rank in ECET, their selection of the Institute and the reservation policy of the Govt. of Andhra Pradesh, according to the lateral entry scheme.

**PG Programme:**

1. **Category “A”:** The PGECET convener fills up 70% of seats in the institute by allocating the candidates to this Institute on the basis of their choice, their PGECET/GATE ranks and the conditional strategy of the Govt. of Andhra Pradesh.
2. **Category “B”:** The rest, i.e. 30% of the seats is filled up by the institute under the management/sponsored quota as per the guidelines given by the APSCHE and the Govt. of Andhra Pradesh for this purpose.

**Curriculum:** The institute curriculum/syllabus is inherited to the JNTUK, Kakinada to which the institute is affiliated. The real world aspects are considered in the development of a well-charted curriculum, especially intended to meet the requirements of competitive scenario.

**Fee Structure:** For all the courses, both category A and Category B seats, the fees will be as fixed by the Admission and Fee Regulatory Committee constituted by Government of Andhra Pradesh.

**Teacher Qualifications and Salary:** Highly qualified and commendable candidates with good research prospective are appointed on a regular basis as per AICTE norms to teach the specialized courses and give a boost to research activities.

**Salary:** Salaries are paid as per AICTE norms.

### **1.2.5 Does the college provide additional skill oriented programme, relevant to regional and global employment markets? If ‘yes’ provide details of such programme and the beneficiaries.**

Yes, the institution organizes skill-oriented programs relevant to regional and global employment markets.

The college has been conducting aptitude and communication skills sessions by incorporating them in the time tables of final and pre-final years. This facilitates the students to prepare for campus interviews and also to develop their interpersonal skills and employability.

Besides this, the departments organize various training programs for students to enhance their knowledge beyond curriculum to improve their employability.

Training and Placement cell helps the students in honing their skills technically and personally.

The programs are:

- ❖ Soft skills development program related to technology
- ❖ Quantitative, Logical and Analytical skills development program
- ❖ Technical fests

These programmes are executed with an aim to ensure that the students are sufficiently skilled and industry-ready. While designing these additional programmes, it is ensured that they suit the demands of both the global employment and the local market.

---

**1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice? If ‘yes’, how does the institution take advantage of such provision for the benefit of students?**

No, the university does not provide for such flexibility. Since the institution is affiliated to JNTUK , there is no provision for flexibility of combining the conventional face-to- face and Distance Mode of Education for students to choose the courses/combination of their choice.

**1.3 Curriculum Enrichment**

**1.3.1 Describe the efforts made by the institution to supplement the University’s Curriculum to ensure that the academic programmes and Institution’s goals and objectives are integrated?**

To achieve the goals and objectives, the institution has evolved additional inputs in the syllabi to face the current trends in competitive areas. The institute supplements the University’s curriculum to achieve institution’s goals and objectives by conducting the following academic programme:

- Workshops and seminars
- Coverage of topics beyond the syllabus in theory subjects
- Experiments beyond syllabus in practical subjects
- Long term training in soft skills
- Long term training in quantitative, logic and analytical skills
- Training in computer - based subjects
- Value added courses
- Guest lectures

**1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs the dynamic employment market?**

The training and placement cell of the college regularly interacts with the HR managers of companies and collects the information about the demands and expectations of the corporate sector regarding skill-set of students.

Alumni feedback is taken periodically to understand the emerging market trends. The institution has taken measures to cater to the global market needs based on the true assessment of strengths and services offered on the campus. Brain storming sessions are conducted by the faculty members to design the tools in the areas of Spoken English, use of computers and providing in-depth knowledge in the respective subjects. Special training and tailor - made orientations are conducted to enable the students to achieve the global standards.

The College is completely computerized from the administration to the academic levels. Computer labs are well-equipped with latest computers. Internet facility is made available at the library. Computers, LCD Projectors have been used for effective communication and teaching.

### **1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, climate change, Environmental Education, Human Rights, ICT etc., into the curriculum?**

Kallam Haranadhareddy Institute of Technology has always actively responded to the needs of society and socio-political environment of the world. To integrate issues like gender, climate change, environmental education, human rights and so forth, activities are organized as part of the Political Awareness Club of the college. The college adopts the curriculum designed by the University to develop competency, obtain employment and promote research among students and the teaching fraternity.

The holistic approach, the college has adopted towards the students, led to increased opportunities in employment as well as in building new entrepreneurial development among the student community. Students of all branches are learning the subject called Environmental Sciences. The objective of this course is to learn about the nature and the facts about environment.

**Gender Sensitization:** Panel Discussion on Women's Rights, International Conference on Women Empowerment through Higher Education and Seminars on Gender Equity are organized to create awareness about Gender issues and promote gender equity.

**Climate change:** Extension lectures on Global warming, Ozone layer depletion, and green engineering are being organized to spread the message across all sections of society.

**Environmental Education:** The university prescribes Environmental Studies as a specific syllabus. A seminar on 'Environmental Changes: A Global Concern' was organized to

profoundly address urgent global issues and save environment. Awareness programmes on environmental issues are a regular feature. On campus Students are given inputs regarding the concept and taken to field visits as part of their assignments and project work. The college celebrates World Environment Day, Earth Day, Ozone Day and other relevant days to drive home the significance of preserving the environment.

**Human rights:** Anti-Ragging cell and Women Grievance Redressal Cell are active on campus. Professional Ethics and Human Values have been taught as a subject in the institute in order to make the student community know the significance of human beings and their rights in the society.

**Environment Consciousness:**

College is keen in maintaining the environmental condition by:

- ❖ Rainwater harvesting
- ❖ Plantation of saplings

**Community Work:**

Community developmental activities like blood donation campus, eye camp and AIDS awareness programme are being conducted on our campus as a means to contribute to community and national development.

**1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?**

- ✓ **Moral and ethical values**
- ✓ **Employable and life skills**
- ✓ **Better career options**
- ✓ **Community orientation**

***Moral and ethical values***

Regular classes on Values and Ethics in profession are conducted as a part of the curriculum. Speakers are invited to speak on different social issues.

***Employable and life skills***

Workshops are organized in the Institute on Lifestyle, Stress Management and Yoga by qualified professionals.

***Better career options***

Separate training and Placement cell is being operated on campus. It organizes different seminars and workshops to create awareness about various career opportunities available.

***Community orientation***

NSS camps are frequently organized. Social issues and plantation of saplings are given importance during the camps. Blood donation camp is organized by NSS frequently. Students come forward and donate blood for the benefit of the public. The students organize different campaigns in the villages surrounding the college. Community developmental activities like AIDS awareness, Road-safety awareness and waste-management contribute to community and national development and also create awareness about ecology and environment.

The Green Club of the college, which is a group of students from all branches and classes and supervised by a senior faculty member, chalks out programme to create awareness among students about the importance of cleanliness, conservation and environment protection. The club has taken up Save Water Campaign in the college to create awareness among students about conservation. Through the Clean Environment Programme, the club took up the responsibility of keeping the college a litter free and plastic free campus with the participation of the students. The club has also taken up the responsibility of maintaining and protecting the green cover in and around the college premises.

**1.3.5 Cite a few examples to enumerate on the extent of the use of the feedback from corporate in enriching the curriculum.**

The college networks with its corporate to collect and document responses on the curriculum. The students express their opinion on curriculum through response sheets/feedback. Feedback from Parents on curriculum, placement, trends and teaching methodology is obtained during Parent Teacher Meeting sessions.

Responses on curriculum are also collected from Alumni, peers, and industry. The IQAC analyses feedback and prepares response chart for future use by the Principal. The feedback thus obtained is communicated to the University for appropriate action. Also at the department level, Programme Educational Objectives (PEOs) and Programme Outcomes (POs) are framed. Every year Department Advisory Board (DAB) committee meeting will be held to discuss the fulfillment of the PEOs and POs based on university results and the



feedback received from students of various batches and the stakeholders. The various types of feedbacks collected in our college are:

- **Alumni Feedback:** Every year institute organizes Alumni Meet in which feedback is collected to enrich the curriculum.
- **Current Students' Feedback:** Twice a semester, feedback from every student is taken.
- **Employers' Feedback:** Feedback is collected from the Industry Experts and Employers during interactions with them.
- **Governing Council:** Regular Governing Council meetings are held in the Institute and many points are discussed and approved.

### **1.3.6 How does the institution monitor and evaluate the quality of its enrichment programme?**

The institution monitors and evaluates the quality of its programmes by committees such as planning and monitoring. The roles of the committees are outlined below.

#### ***Planning Committee***

The committee has members from various departments. It frames the procedure for every activity of our college. Change them or something done by planning committee:

- ❖ Curriculum Implementation
- ❖ Internal Assessment
- ❖ Framework for Laboratory
- ❖ Plan for academic events such as internal and external symposia,
- ❖ Conferences, Project Expo, Teachers' Day, Engineers' Day, Alumni Meet, Sports Day, Annual day, Achievers' Day, etc.

#### ***Monitoring Committee***

The institution has a Monitoring Committee that ensures regular Academic audit of the following:

- ❖ Syllabus coverage
- ❖ Attendance
- ❖ performance of slow-learners
- ❖ Special assignment
- ❖ Lecture notes
- ❖ Personal log book
- ❖ Department activities
- ❖ Internal Marks calculation

## **1.4 Feedback System**

### **1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?**

A systematic mechanism is installed in the institution to look after the affairs of the feedback process and analysis through the College Academic Committee. The University expert teams visit the college once a year for the purpose of extension of college affiliation and affiliation of new courses.

During the inspection process the University expert team interacts with students and the faculty on several aspects of availability of facilities and teaching- learning process. Feedback thus obtained by the committee is duly conveyed to the university.

Every semester, after the release of university results, the result analysis is done and correlated with the regular academic results. The results and developments to be adopted are presented in governing council meetings for approval. The process takes place twice a year.

### **1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/ new programme?**

During the reformation of the curriculum, university invites a representative from the college to put forward the view on behalf of all the stakeholders of the Institute.

#### **Students:**

The feedback of the students is collected by the H o D and the Principal on curriculum. Difficulties expressed by students are communicated to the University.

#### **Alumni feedback:**

The feedback of the alumni is collected whenever the Alumni Association Meetings are held. This feedback plays a valuable role in designing the training to be given to the students of the third and the fourth year.

#### **Parents:**

The Feedback of the parents is collected whenever they attend the Parent – Teachers' Meeting. This feedback plays a key role in the development of our college in all aspects.

#### **Employers/industries:**

Opinion on the relevance of the curriculum from industry personnel is elicited. The feedback of the employers is given due importance and their suggestions are analyzed, and the demand for Add-on courses is met, with regard to the demand of the students.

**Academic Peers:**

National seminars, conferences, workshops and extension lectures are organized from time to time to facilitate exchange of ideas with the peer-group and update the faculty about the emerging trends.

**Community:**

Fairs, cultural programs, social outreach activities provide opportunity to interact with community and introduce need-based programmes. The feedback, thus obtained, is analyzed. Departmental meetings are held to review the courses and programmes.

The Principal discusses the key findings with the Heads of the Departments. Resolutions made after consultations with the Managing Committee are communicated to the affiliating University for approval. The changes recommended in various courses are tabled in Board of Studies meetings by the member of faculty for appropriate inclusion by the University. Suggestions arrived after analyzing the feedback received from stakeholders are forwarded to the Students' Affairs Department of JNTUK for necessary action.

### **1.4.3 How many new programme/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programme?**

The college introduced 3 post-graduate programmes during the last 4 years. Sanctioned intake of the college is also increased due to the demand of the education.

Name of the Program	Sanctioned Intake Academic Year - wise				
	2011-12	2012-13	2013-14	2014-15	2015-16
<b>B Tech (Civil)</b>	60	60	60	120	120
<b>B Tech (CSE)</b>	60	60	120	120	120
<b>B Tech(ECE)</b>	60	120	180	180	180
<b>B Tech (EEE)</b>	60	60	60	60	60
<b>B Tech (ME)</b>	60	60	60	120	120
<b>M Tech(CSE)</b>	--	18	18	18	18
<b>M Tech(Structural)</b>	--	--	--	24	24
<b>M Tech(Thermal)</b>	--	--	--	24	24
<b>Total</b>	300	378	498	666	666

**Justification for Introduction:****1. M Tech programme in Computer Science:**

The demand for post - graduate courses has increased with growing market for computer science branch during the academic year 2012-13. This growth is due to the change in Government policy of promoting Research and Development in the country and which enhanced the scope for PG education. In view of the above, the institute has intended to start new PG courses and also to increase the intake of existing PG courses.

**2. M Tech Mechanical (Thermal Engineering)**

This course focuses on the main lines of thermal and energetic engineering. Thermal Engineers pay attention to every aspect of heat generation and its removal in an electronic system. Thermal engineering can also be practiced by Mechanical and Chemical engineers.

**3. M Tech Civil (Structural Engineering)**

Structural Engineering is a branch of Civil Engineering which is one of the oldest engineering disciplines. Even though Structural Engineering is considered a specialty of civil engineering, its applications are extremely diverse. Civil engineers design roadways, tunnels, dams and bridges, where as a structural engineer ensures that specific architectural components such as beams, foundations, columns and floors are structurally sound. Structural engineering is the science and art of designing civil engineering facilities so that they can safely resist the forces to which they may be subjected. As the name suggests, these engineers focus their careers on structures. In simple words, structural engineers deal with the design of framework and foundations for buildings and structures. Structural engineers are specialists in design, construction, repair, conversion and conservation. They are concerned with all aspects of a structure and its stability. Structural engineers are responsible for designing structures which will be able to withstand pressures.

***The rationale for introducing new courses in the institution is:***

- To strengthen and meet the demands of the changing industry
- To improve manpower skills in specialized fields of engineering
- To establish KHIT a center for excellence in various streams of engineering
- To encourage research and development among the engineers

**CRITERION - II**  
**TEACHING, LEARNING &**  
**EVALUATION**

## **CRITERION - II**

### **TEACHING, LEARNING & EVALUATION**

#### **2.1 Student Enrollment and Profile**

##### **2.1.1 How does the college ensure publicity and transparency in the admission process?**

In the admission process, transparency is maintained by the institution and is abided by the rules and regulations of Andhra Pradesh State Council of Higher Education (APSCHE), Government of Andhra Pradesh. Notification regarding Admission is given in the leading local and national level newspapers.

##### **a. College Prospectus**

Publicity is given regarding different courses offered by the institution in the form of college brochure in which campus profile and academic programme details have been furnished.

##### **b. Institutional Website**

The College Website ([www.khitguntur.com](http://www.khitguntur.com)) is furnished with ample information such as the institution, courses offered and facilities available.

##### **c. Advertisement in Regional / National Newspapers**

Regarding the B category admissions advertisement is given in leading local and national newspapers.

##### **d. Any other (specify)**

The college designs special programmes for intermediate/ diploma students for creating awareness in the view of admission process and curriculum. The transparency in the admission process is ensured.

**2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.**

**Student admission:**

- The common entrance examination conducted by Govt. of A.P. by the name, EAMCET (Engineering, Agriculture & Medical Common Entrance Test) / ECET (for admission into 2nd year B.Tech.).
- **B.Tech. Admission Process:** 70% of the seats are allotted by Convener, EAMCET based on the rank obtained and 30% of the seats are allotted under management or NRI category.
- Under lateral entry scheme, Diploma holders (20% intake is based on the Merit obtained in ECET) are admitted directly into 2nd year of B.Tech..
- **M. Tech. Admission process:** The common entrance examination like GATE/PGECET is conducted for M.Tech. Admission.

**2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.**

B.Tech/M.Tech admissions in Andhra Pradesh are based on the common entrance tests EAMCET /GATE/PGECET respectively. The best and the last rankers admitted under various categories in the academic year 2015-16 are indicated below.

**EAMCET//PGECET rank wise admissions for the academic year 2015-2016**

BRANCH		ECE	CSE	EEE	CIV	ME	
<b>OC</b>	First Rank	BOYS	16308	19205	24455	28820	29429
		GIRLS	11320	15870	18536	38415	102793
	Last Rank	BOYS	53796	48980	80534	88026	107773
		GIRLS	54811	93944	116677	99634	114777
<b>BC (BOYS)</b>		A	39115	71129	89020	50722	44239
		B	74258	30593	63055	31730	38626
		C	NA	NA	118532	NA	89035
		D	51103	68517	45895	73228	48807
		E	32589	78563	96884	67016	30067
<b>BC (GIRLS)</b>		A	39651	76760	NA	95893	NA
		B	78740	25459	40187	NA	NA
		C	NA	120229	NA	NA	NA
		D	64836	41658	40688	NA	NA
		E	101387	73844	NA	NA	NA
<b>SC</b>		BOYS	60190	41068	58162	61334	99888
		GIRLS	92163	79468	29895	95893	NA
<b>ST</b>		BOYS	NA	NA	69523	111049	NA
		GIRLS	NA	NA	NA	NA	NA
<b>CAP</b>		BOYS	NA	NA	NA	NA	NA
		GIRLS	NA	NA	NA	NA	NA



**PG Programme: M.Tech (2015-16)**

BRANCH		CSE (CSE)	ME (TE)	CE (SE)	
OC	First	BOYS	NA	146	1302
	Rank	GIRLS	3026	NA	3301
	Last	BOYS	NA	635	4217
	Rank	GIRLS	3040	NA	3301
BC (BOYS)	A	NA	NA	2393	
	B	NA	491	NA	
	D	NA	NA	NA	
	E	NA	NA	NA	
BC (GIRLS)	A	NA	NA	NA	
	B	297	3835	NA	
	D	NA	NA	NA	
	E	NA	NA	NA	
SC	BOYS	NA	4249	4132	
	GIRLS	NA	NA	NA	
ST	BOYS	NA	NA	NA	
	GIRLS	NA	NA	NA	
CAP	BOYS	NA	NA	NA	
	GIRLS	NA	NA	NA	

**Comparison of EAMCET Cutoff Ranks (OC General) with other colleges of same affiliating University**

**2015-2016**

Department	KHIT	CHBR	GEC
CIVIL	68437	132022	127291
CSE	54371	94941	125824
ECE	77704	102676	131222
MECH	84867	116522	131575
EEE	80534	103206	NA

**2013-2014**

Department	KHIT	CHBR	GEC
CIVIL	111860	209796	215630
CSE	212683	180475	204037
ECE	216234	206146	214006
EEE	157112	210837	216482
MECH	33780	190910	193446

**2012-2013**

Department	KHIT	CHBR	GEC
CIVIL	148596	202016	NA
CSE	200603	198115	199302
ECE	197273	170809	199395
EEE	196707	164426	197395
MECH	33483	173490	173998

2011-2012

Department	KHIT	CHBR	GEC
CIVIL	159677	NA	NA
CSE	128595	176456	191980
ECE	117126	199488	198132
EEE	185628	146518	205625
MECH	39513	200692	199619

**2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If ‘yes’ what is the outcome of such an effort and how has it contributed to the improvement of the process?**

Yes, the institution has a mechanism in place to review the admission process and student profiles of the admitted wards. This will help the institution to grab the better students academically. The institution also takes suggestions from its stakeholders to improve the quality of admitted students as well.

**2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion**

- SC/ST
- OBC
- Women
- Different categories of persons with disabilities
- Economically weaker sections
- Outstanding achievers in sports and extracurricular activities

**SC/ST/OBC/Economically weaker sections:** As per the reservation norms of the Andhra Pradesh State Government, the institution provides admissions for SC/ST/OBC/EWS students and extends facilities like fee reimbursement, fee exemptions, book bank facilities etc for the eligible students.

**Women:** As per the reservation norms of the Andhra Pradesh State Government, 33 % seats are allotted for women under convener quota.

**Differently abled students:** These students are provided 3 % reservation as per policy of the govt. of Andhra Pradesh.

**Outstanding achievers:** The Institution offers reservation for extracurricular activities, Sports and NCC candidates as per the Andhra Pradesh State Government.

**Minority Community:** Minority students are provided reservation as per the state government's policies.

**UG Seats: B.Tech**

Category	Gender	2011-12	2012-13	2013-14	2014-15	2015-16
OC	M	111	137	157	236	154
	F	42	51	99	122	122
BC-A	M	12	2	5	3	18
	F	2	5	3	18	5
BC-B	M	15	9	9	0	15
	F	9	9	0	20	6
BC-C	M	0	0	0	0	3
	F	0	0	0	0	3
BC-D	M	14	3	5	9	11
	F	3	5	9	16	5
BC-E	M	18	3	14	2	15
	F	3	14	2	21	4
SC	M	12	14	29	26	40
	F	2	0	9	6	7
ST	M	0	3	2	5	4
	F	0	1	0	1	0
CAP	M	0	0	0	0	0
	F	0	0	0	0	0
NCC	M	0	0	0	0	0
	F	0	0	0	0	0

**PG Seas: for M.Tech**

Category	Gender	2011-12	2012-13	2013-14	2014-15	2015-16
<b>OC</b>	M	NA	4	3	13	7
	F	NA	3	2	2	4
<b>BC-A</b>	M	NA	0	1	1	2
	F	NA	0	0	0	0
<b>BC-B</b>	M	NA	0	1	1	2
	F	NA	0	1	0	2
<b>BC-C</b>	M	NA	0	1	1	0
	F	NA	0	0	0	0
<b>BC-D</b>	M	NA	0	2	1	0
	F	NA	2	0	0	0
<b>BC-E</b>	M	NA	0	0	1	0
	F	NA	0	0	1	0
<b>SC</b>	M	NA	1	1	2	4
	F	NA	2	0	1	0
<b>ST</b>	M	NA	0	0	0	0
	F	NA	1	0	0	0
<b>CAP</b>	M	NA	0	0	0	0
	F	NA	0	0	0	0
<b>NCC</b>	M	NA	0	0	0	0
	F	NA	0	0	0	0

**TOTAL SEATS**

<b>B. TECH</b>	<b>General</b>		<b>OBC</b>		<b>SC</b>		<b>ST</b>		<b>Others</b>	
	M	F	M	F	M	F	M	F	M	F
<b>2011-12</b>	111	42	60	19	12	2	0	0	0	0
<b>2012-13</b>	137	51	61	10	14	0	3	1	0	0
<b>2013-14</b>	157	99	103	20	29	9	2	0	0	0
<b>2014-15</b>	236	122	132	44	26	6	5	1	0	0
<b>2015-16</b>	154	122	163	42	47	7	4	0	0	0

Current Academic Year: 2015-16 (First Year admissions)

Students from same state

UG	PG
539 +76(Lateral Entry)	21

**2.1.6 Provide details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase / decrease and actions initiated for improvement.**

The demand of admissions under category-A can't be analyzed as the entire process of student preferences and seat allocation will be made online by APSICHE and the data can't be acquired by the Institute. The seats filled up under category-A, since last 4 years in different branches is as given below.

**UG Programme:**

Branch	2011-12		2012-13		2013-14		2014-15		2015-16	
	Sanctioned strength	Students Enrolled	Sanctioned strength	Students Enrolled	Sanctioned strength	Students Enrolled	Sanctioned strength	Students Enrolled	Sanctioned strength	Students Enrolled
EEE	60	16	60	17	60	47	60	49	60	41
ECE	120	87	120	101	180	156	180	168	180	171
CSE	60	54	60	41	120	95	120	119	120	118
CIVIL	60	44	60	59	60	60	120	118	120	100
MECH	60	45	60	60	60	60	120	116	120	109

**PG Programme:**

Branch	2011-12		2012-13		2013-14		2014-15		2015-16	
	Sanctioned strength	Students Enrolled	Sanctioned strength	Students Enrolled	Sanctioned strength	Students Enrolled	Sanctioned strength	Students Enrolled	Sanctioned strength	Students Enrolled
CE(SE)	NA	NA	NA	NA	NA	NA	18	0	18	1
CSE (CSE)	NA	NA	18	13	18	12	18	6	18	4
ME(TE)	NA	NA	NA	NA	NA	NA	18	5	18	7

The Demand Ratio for category B seats is given below

UG:

Branch	2011-12			2012-13			2013-14			2014-15			2015-16		
	No.of Applications	No. of students Admitted	Demand Ratio	No.of Applications	No. of students admitted	Demand Ratio	No.of Applications	No. of students admitted	Demand Ratio	No.of Applications	No. of students admitted	Demand Ratio	No.of Applications	No. of students admitted	Demand Ratio
<b>CSE</b>	12	12	1	17	17	1	28	28	1	36	36	1	34	34	1
<b>ECE</b>	36	03	12	36	31	1.2	54	32	1.7	54	44	1.3	54	49	1.1
<b>CIVIL</b>	10	4	2.5	25	18	1.4	26	18	1.4	45	36	1.3	23	17	1.4
<b>MECH</b>	4	4	1	18	18	1	18	18	1	35	35	1	26	26	1
<b>EEE</b>	02	00	0	23	07	3.2	37	09	4.1	45	09	05	00	00	00

- Under the convener quota, interested students for getting admission to this institute could get allotment through online counseling for ECE, MECH, CIVIL, CSE, EEE courses.
- Because of the demand for technical courses the college has increased the number of seats (intake) over the years.

## 2.2 Catering to Student Diversity

### 2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

By the guidelines of the university and government ordinances, the institution has implemented various steps towards differently-abled students. Management created acceptable and friendly environment for the differently-abled on the campus. Lifts have been provided to accommodate student movement. The admission process for disabled is as per the reservation policies of APSICHE. The institution is keen on providing the facilities based on the disability and it completely follows the government policies as per their requirement. Utmost care is taken by the faculty and the required facilities are provided by the management. Faculty counselors take care of these candidates. Facilities (wheel-chair and toilets nearby) are provided. These students come under tuition fee waiver scheme that is applicable to all differently-abled students.

**2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.**

Yes, prior to the commencement of programme and after the admission process, the college is conducting an assessment for evaluating knowledge and skill set required for the students. An orientation programme is held for students and parents to make them be familiar with the Institution and facilities. At the department level an induction programme is arranged and rules and regulations of the institution and the course are explained. This programme gives awareness about the courses that the institution offers and the avenues that are open to the students. The students are also made aware of the facilities, faculty expertise, rules and regulations, student code of conduct in the college and the teaching learning process.

**2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?**

The institution has adopted various strategies to fill the knowledge gap by conducting extra classes or regular tutorials, remedial classes in different subjects to bring them up to level. Faculty members are given responsibility to concentrate on each and every individual to assess their progress. Special classes like group discussions, presentations and just a minute sessions are arranged to equip and bridge their knowledge gap. Each and every department plans various strategies and carries them out for the betterment of the student.

- Regularly remedial classes are conducted in every subject to help slow learners.
- Training is offered in computer programmes.
- Special talks like workshops/ conferences/ seminars are conducted by experts from different fields.
- Counseling is done by senior faculty members in case of slow learners in the needed areas.
- Special English training classes are conducted by senior faculty.
- English Language Communication Skills (ELCS) lab has been established to improve students proficiency in English language.
- Bridge course is arranged for Diploma students in Engineering Mathematics, Engineering Physics and Engineering chemistry.



#### **2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment, etc.?**

Yearly a committee is formed with women as members and they are encouraged to arrange programmes on women welfare, in order to clinch gender discrimination and harassment of courses, college campus is obviously free from such discrimination and harassment. Women's grievance redressal cell, deals with such issues if there any and it often brings awareness of these things among the students.

- The institute appoints two lady faculty members to provide necessary counseling.
- In the induction programme, students are given awareness by senior faculty members on issues such as gender, inclusion, environment, etc.
- Awareness programmes are arranged by inviting lady psychologists, doctors and experts.
- Fullfledged eminities are provided separately for gents and ladies by management.
- Mangement gives equal importance to all the religious aspects on college campus.
- The Institution constituted the women cell to look into the Grievances and work towards the benefits of Women on campus.
- Socially backward students are motivated and helped academically and economically.
- Much importance is given to moral, ethical and spiritual values in the campus.
- The institution enforces the students to give priority to the professional ethics and moral values, and environmental studies.

#### **2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?**

Based on the performance in the internal examinations, performance in the class and in the class tests, the advanced learners are identified. These students are encouraged to set higher goals. The needed guidelines and support is extended by the faculty for their career planning and growth. The advanced learners are recognized by the following processes:

- Relying on the performance in internal tests, mid-semester examination and end semester examination.
- Student's participation in various activities and learning attitude in the classroom and practical sessions.

- Completing required experiments in the given time and performing them in the examination.
- Interest to carry out individual and group projects and experiments within and outside the campus.
- Student's devotion, preparation and participation in workshops, seminars, and conferences at national and international level.
- Achievements in academic, technical and social activities.

**Strategies adopted to respond to the requirements of advanced learners are as follows:**

- Students are motivated and encouraged to show active participation in different activities arranged by the department like presentations, sample lectures, industrial visits, seminars and workshops.
- Giving support to get internship in industries for their projects or dissertations.
- Arranging interactive sessions to develop their communication skills.
- College management and faculty members encourage students to submit their major project at the UG and PG level and publish their results in journals.
- Inspiration is given to use latest online journals, reference material and understand the emerging trends in their field of study.
- The institution gives training to final year students with audio-visual aids like power point, charts and models.
- Importance of research activity is stressed.
- Students are motivated to plan, prepare, present and publish papers at national and international conferences.
- Motivating them to do certification courses.
- Encouraging them to assist slow learners in peer teaching classes.
- Coaching is provided for competitive exams like GATE,CAT, GRE, TOFEL & IELTS.
- Special coaching is given to improve communication skills.
- Seminar topics are given and encouraged to develop public speaking skills.
- Reference books, journals and sites are suggested to be beyond the syllabus.
- Paper presentation skills are imparted.

**2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at the risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?**

At the time of admission, students are informed to furnish their full information relating to income status, special categories including ST/SC, BC, differently-abled, economically weaker sections, etc.

- The institution gives concession in the college fee for the students who are poor economically.
- The essentials text books are given to the economically underprivileged students in the library.
- The institution constitutes a team of senior faculty members who are special in counseling the students economically underprivileged.
- Slow learners are identified and counseled to bring them up on a regular basis.
- The monthly meeting is conducted with parents of slow learners in the presence of the director and the principal.
- Each faculty member is assigned 15 students to counsel them.
- Motivation is given to the students who are psychologically and emotionally struggling to fulfill their dreams.
- Monthly attendance is posted and intimated through phone/letter to the parents whose son/daughter gets below 65%.
- Slow learners are provided with specially designed material to bridge the gap.
- Committees of faculty members monitor the students on regular basis regarding personal and academic obstacles.
- Remedial classes are conducted for slow learners.
- Discussions are made on critical topics.
- Hand outs are given wherever required.

The institution and senior faculty deal with the issues of discontinued students of the college by analyzing the data and information on academic performance from different sources like performance record in class and regular attendance record.

Extra teaching and training is given to disadvantaged sections of society, physically challenged, slow learners, economically weaker sections, etc. from time to time for making them ready to the demands of profession.

The scholastic routine and the details about attendance is looked after by faculty concerned. The faculty from time to time takes considerable steps to break through the troubles faced by the candidates. Remedial measures are arranged.

The head of the department monitors students attendance regularly and counsel the regular ones. The same is communicated to their parents. The institution adopts problem solving approach to assess the progress of students in core subjects.

## **2.3 Teaching-Learning Process:**

### **2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation of blue print, etc.)**

#### **i) Academic calendar:**

Before starting the academic year, JNTUK prepares the academic calendar and places it on the university portal. Based on that, a separate academic calendar is prepared in each department and it is validated by Institutional higher authorities.

#### **ii) Handouts:**

For each and every subject Handouts are prepared with the following contents:

- Course objectives and PEOs
- Syllabus
- Lesson Plan
- Unit wise lecture schedule
- Lecture Notes and PPT's collection
- Text books, Reference books and important URLs for the subject material.
- Assignments and important questions in each unit
- Content beyond syllabus
- The evaluation procedures for internal tests - theory and practical
- University Question papers of the previous academic years

**iii) Teaching Plan:**

- In each and every department before starting the semester, subject allocation is done by the Head of the Department by interacting with each faculty or by conducting a meeting.
- Before the commencement of classes timetables are prepared for each brach and displayed on all the notice boards and circulated to all staff members.
- Before the commencement of class work, every faculty should prepare his/her teaching plan and individual lecture notes unit wise and they should be validated by department HOD.
- The procedure is same in the case of Laboratory also. The corresponding Lab In-charge should prepare the laboratory manual and get authorized before the commencement of the semester work.
- Meetings are conducted by HOD with class teachers to enquire the syllabus coverage.
- Teachers are advised to utilize all the teaching aids like LCDs wherever necessary.
- After the completion of each unit, Assignment and tutorials are given to students. After that slip tests are conducted.
- It is imposed that all the staff members should carry attendance registers to their theory classes as well as laboratory sessions.

**iv) Evaluation:**

- As per university norms twice a semester mid exams are conducted.
- Mid marks are based on objective online test conducted by the university and a descriptive test conducted by the institution for each subject with respective to the schedule issued by the university.
- Lab Internal examinations are conducted once at the end of each semester.
- Lab internal marks are awarded based on regular day to day performance in laboratory, lab record and internal examination.
- Based on student internal marks, slow learners are identified and remedial classes are arranged for them.
- End semester Examinations are conducted in both theory and practicals by the university.
- Project evaluation is also done by the university.

### **2.3.2 How does IQAC contribute to improve the teaching – learning process?**

The IQAC is constituted and it carries the following activities:

- Different academic and administrative activities.
- Various types of workshops, seminars, guest lectures and conferences at department as well as college level.
- Internal quality audit to provide the quality education

### **2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?**

KHIT mainly focuses on student-centric learning and provides creative learning atmosphere which helps the students to think individually and develop their own ideas. It offers the environment where students communicate efficiently. The source of the learning process for the students is interactions, discussions, assignments, projects and industrial training. Various approaches and methodologies are introduced based on the demands of learners.

#### **Interactive teaching methods**

- Group discussions and presentations are organized to make the classes lively and interesting.
- For better understanding of theory classes, industrial visits are arranged.
- The college arranges visits to the research centers, industries, academic institutions, etc for the purpose of higher learning.
- Counseling and motivation is given regularly for the betterment of students by the academic advisor.
- The institution motivates students to participate in clubs, social service and technical meets. This type of exposure helps them to develop their organizational and managerial skills, apart from honing their technical knowledge.
- The teaching faculty is motivated and encouraged to participate and present papers in deferent type of seminars and workshops arranged by JNTU Kakinada.
- Every year, each department conducts National level symposium to expose the student's knowledge towards new trends.

- Guest lectures are given by renowned experts from industry and academics to expose different aspects of technical knowledge.
- To enhance and improve the institutional progress, Alumni meetings are organized for the old students and feedback is collected for review.
- Lecture notes of corresponding subjects are prepared and circulated to the students after completion of each topic in the class.
- Faculty use LCD projectors, internet facilities for effective teaching.
- Well established communication lab is installed to enhance the communicative skills of students and faculty.
- Different academic softwares are installed in computer lab to improve the programming and logical skills.

#### **2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?**

- The institution provides sufficient and needed hardware equipment and software in the laboratory to make the students capable of designing the applications.
- The college always motivates the students to participate in different technical events like paper presentations, poster presentation, quiz competition, project expos and also various co- curricular activities conducted in and outside the institution.
- Students are encouraged and exposed towards research activities, latest scientific models by providing resources in laboratories and extra hours.
- To acquire knowledge in recent technologies and trends, the college permits the students to attend and participate in different workshops and seminars at various organizations.
- To enhance students practical knowledge up -to -date, the college supports them partake in industry or live projects.
- By facilitating all these resources students can improve their enthusiasm towards innovation, application to social problems, problem solving, understanding, gaining knowledge, etc.

#### **2.3.5. What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open**

**educational resources, mobile education, etc.**

The technologies and facilities available and used by the teachers for effective and quality teaching are:

- Classroom is with LCD projectors
- Internet facility
- NPTEL video lectures
- Digital library
- E-Tutorials
- E-articles of Journals
- Globarena for communication skills
- Computer application softwares

**2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?**

- Eminent talks are given by the industry experts for improving the technical skills of students and faculty.
- All the departments organize different technical events and competitions to boost up students' knowledge.
- The institution motivates and supports the students to partake in different scientific expo and technical meets at local and national level.
- By using facilities provided in laboratories students upgrade their technical skills/practical knowledge towards latest trends.
- In order to develop practical and professional skills students are guided to use digital library resources like journals and books, technical magazines, video lectures, etc.
- To give practical exposure in designing and manufacturing, the institution encourages the students to partake in the visits of various industries and reputable institutes.

**2.3.7 Detail (process and the number of students benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling /mentoring/academic advice) provided to students?**

- In order to guide the students into a quality – oriented and right path of education, every faculty member is given responsibility to monitor fifteen students with personal care



during the entire the academic year.

- Prior importance is given to discipline on campus. So that the student is monitored in each and every area like dress code, behavior, regularity, attendance and academic performance.
- Information about student attendance, results in exams and discipline is regularly intimated to parents.
- Special coaching and guidance is given to slow learners academically and personally.

**2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?**

The faculty is proficient and adaptable, and has a thirst for innovative teaching practices like explaining concepts using charts and models.

- LCD and PPTs are used for effective classroom teaching .
- NPTEL videos are arranged.
- Video lectures are presented.
- Based on requirement out of the syllabus is covered.
- Internet facilities is provided for the faculty.
- Specific topics are covered with orientation towards GATE & IES.
- E-resources, reference books, E-journals are available in the library.

**2.3.9 How are library resources used to augment the teaching- learning process?**

The library is the knowledge hub of any educational institution. KHIT library offers different services to augment the teaching-learning process.

- Internet access
- Reference books
- Digital library
- Reprographic Facility
- Book Reservation

The college maintains a central library with a carpet area of 450 sq mt.

The resources available are:

- Titles : 2821
- Total No. of Volumes : 16058
- Print Journals : 73
- Digital Library : Yes, 20 computers are available with internet facility  
Having one Delnet Server

**2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'YES', elaborate on the challenges encountered and the institutional approaches to overcome these.**

- Yes, it does. The below mentioned ones are the approaches adopted to tackle with them.
- Diploma students admitted into second year B.Tech. are provided with bridge course in engineering mathematics.
- However, if certain classes are disrupted due to certain unforeseen circumstances such as bad weather or extra-curricular activities etc., compensatory lectures and practical sessions are held to overcome the gap.
- Also, the teachers distribute their lectures chapter - wise/ week - wise in each subject in the very beginning so as to ensure the full coverage of syllabus well in time as prescribed by the university norms.
- Teaching and laboratory schedules are prepared well in advance in coordination with time table incharges.
- The extra-curricular activities are arranged after the regular classes such that they do not disturb regular teaching.
- Also, it is generally ensured that Departmental festivals should be organized, if possible during the mid-term break to avoid any disruption in the regular teaching schedule.

**2.3.11 How does the institute monitor and evaluate the quality of teaching learning?**

- The institution evaluate the quality of teaching offered by teacher by taking feedback from the students.
- After analyzing and evaluating feedback on the score of 100, every teacher is provided with a copy of feedback for making necessary corrective action.
- The Head of the institution conducts regular meetings with subject teachers and reviews the performance of students, i.e. results in each subject of all departments.
- The slow learners are given additional time by teachers to meet their needs.

**KALLAM HARANADHA REDDY INSTITUTE OF TECHNOLOGY**  
**STUDENT FEEDBACK FORM**

Year / Semester :                      Branch:                      Sub:

Note: Fill the following table with suitable letter grade for the faculty members who taught.

A-Excellent                      B-Good                      C-Average                      D- Poor

S.No.	Evaluation Parameter	Sub1	Sub2	Sub3	Sub4	Sub5	Sub6
1	Punctuality of the Teacher						
2	Overall appearance and Personality of the Teacher						
3	Communication Skills of the Teacher						
4	Subject Preparation by the teacher for delivering the lecture						
5	Ability of the teacher to explain particular concepts						
6	Depth of knowledge of the teacher for the subject he/she is teaching						
7	Sincerity in teaching						
8	Teacher's ability to maintain discipline in the class						
9	Use of supplementary teaching methods like providing class notes, printed notes, reference notes, etc.						
10	Ability of the teacher to respond to the doubts asked by the students						
11	Particularity in conducting test/re-test, evaluation, displaying marks						
12	Availability of teacher during college working hours						
13	Relationship with students						
14	Syllabus coverage						
15	Teacher's attempt to teach students at different levels						

## 2.4 Teacher Quality

**2.4.1 Provide the details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.**

### STAFF RECRUITMENT PROCEDURE

- The college advertises in the news paper to recruit qualified and experienced faculty.
- The college recruits the teachers through a transparent process in strict accordance with the regulations laid down by the JNTUK and AICTE.
- The selection committee recommends qualified and competent candidates.
- The whole process is with respect to the AICTE , JNTUK and UGC norms.
- Each department submits the workload and the staff requirement well before the commencement of academic year to the principal's office and the same is discussed with the management and the management sanctions the new posts.
- Transparency is maintained in interviewing and recruiting the faculty.
- The interview panel consists of Management representative, Principal, HOD, subject expert(s) and senior faculty from the department.

Qualification	Professors		Associate Professors		Assistant Professors		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent Teachers</b>							
<b>Ph.D.</b>	14	2	-	--	-	-	16
<b>M.Phil.</b>	-	-	4	4	-	-	8
<b>PG</b>	3	-	29	3	73	31	139
<b>Temporary Teachers</b>	-				-	-	
<b>Part time Teachers</b>	-						
<b>Total</b>	17	2	33	7	73	31	163

**Retention of Faculty:**

Proper retention is maintained in the faculty cadre by creating a good environment and providing incentives as detailed below:

- The college follows university and AICTE norms for paying scale to the faculty members.
- According to standard policies / norms of the college, increments and promotions are given.
- The Institution gives maternity leave to the required faculty.
- The staff is also provided with other requisite facilities like Medical leave and Casual Leave.
- Study leave is given to those who wish to upgrade their qualification by pursuing M. Phil. or Ph.D.
- The institution provides sponsorship to the faculty member for attending workshops/seminars/refresher courses.
- Free transportation is proved for teaching and non teaching staff members.
- College canteen offers quality food at affordable prices.

**Leave rules:**

- Faculty are eligible to avail casual leave for a period of 15 days in a calendar year.
- Maternity leave will be granted to women staff members for a period of not exceeding 3 months at a time during her confinement.
- Special casual leave will be given for attending invigilation duty, and paper valuation of JNTUK, other colleges or Universities.
- Faculty members are also given leave for special assignments, industrial visits, seminars and training programs.

**2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.**

- The college offers UG (CE, EEE, ME, ECE & CSE) and PG courses. It recruits qualified

and experienced faculty.

- Several workshops/seminars are organized on the latest subjects to develop and update faculty's knowledge in those subjects.
- For the last four years, many of the faculty have participated in workshops/seminars, that have helped them improve their knowledge and have interest in the research.
- Subject experts from reputable universities and industries are invited regularly to conduct Faculty Development Programmes in the Institution towards upgradation of faculty teaching skills.

#### **2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.**

In every educational Institution faculty improve their skills and knowledge regularly as per requirements. KHIT always encourages the faculty to attend or organize the various staff development programmes.

- a) Nomination to staff development programmes (Faculty trained through different staff development programmes)
- b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technologies for improved teaching-learning

Programme	Total number of Programmes Organized in Institution by All Departments				
	2015-16	2014-15	2013-14	2012-13	2011-12
<b>Orientation programmes</b>	11	10	11	7	7
<b>FDP</b>	5	5	5	3	1
<b>Seminars/Workshops</b>	23	21	18	14	12

#### **Teaching learning methods/approaches**

The institute organizes various programmes to encourage faculty members. Faculty development programmes are arranged for developing teaching skills in respective subject methodology in class room.

**Handling new curriculum**

Handling new curriculum is a big task. But it can be overcome by good planning. HOD will conduct meetings with faculty and explains briefly about new syllabus. Based on suggestions and inputs from HOD, teachers will handle the new courses.

**Content/Knowledge Management**

Teaching faculty is sent for national and international seminars/ field visits/workshops /FDPs to update their knowledge and skills.

**Selection, Development and Use of Enrichment Material**

The institute organizes seminars, workshops and also deputed the faculty as resource persons for the same.

**Assessment**

When new software is introduced, staff members concerned are given training on its operation. When digital evaluation was introduced by the affiliating university, teaching staff members were given training on its operation. Also all the staff members were given training on the use of softwares.

**Cross Cutting Issues**

The college conducts seminars and workshops on current issues in respective field by inviting the eminent members from industry, research centres and noted institutions to bring awareness about latest technologies,.

**Audio Visual Aids/Multimedia**

The management motivates teaching faculty to use audio visual aids and multimedia in the classroom. Each departmental library has a collection of NTPEL videos. Students can use department seminar halls having audio visual equipments for using the above learning materials.

**Teaching - Learning Material Development, Selection and Use**

A variety of teaching aids are developed by faculty members of the institution such as quiz programmes for normal and advanced learners, power point presentations and so on. Teaching aids are available for all the subjects.

**c) Percentage of faculty**

**i) Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies**

**ii) Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies**

**iii) Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies**

**Details of Faculty attended FDP, Seminars and Workshops:**

2011-12						
Program	CE	CSE	ECE	EEE	ME	S&H
As Resource Persons in seminars/workshops	1	1	2	1	1	2
FDP	2	1	1	Nil	2	1
Seminar/Conferences	3	NIL	2	1	2	1
Workshop	NIL	1	1	1	NIL	2
2012-13						
Program	CE	CSE	ECE	EEE	ME	S&H
As Resource Persons in seminars/workshops	1	1	1	1	1	2
FDP	5	1	2	1	3	1
Seminar/conferences	3	1	2	1	2	1
Workshop	NIL	1	1	1	NIL	2
2013-14						
Program	CE	CSE	ECE	EEE	ME	S&H
As Resource Persons in seminars/workshops	2	2	2	NIL	NIL	2



<b>FDP</b>	6	1	3	1	4	4
<b>Seminar/Conferences</b>	2	1	2	2	2	1
<b>Workshop</b>	NIL	4	3	1	2	2
<b>2014-2015</b>						
<b>Program</b>	<b>Civil</b>	<b>CSE</b>	<b>ECE</b>	<b>EEE</b>	<b>Mech</b>	<b>S&amp;H</b>
<b>As Resource Persons in seminars/workshops</b>	3	2	4	1	1	2
<b>FDP</b>	7	1	4	2	4	10
<b>Seminar/Conferences</b>	8	1	5	2	3	4
<b>Workshop</b>	2	4	5	2	4	2
<b>2015-16</b>						
<b>Program</b>	<b>Civil</b>	<b>CSE</b>	<b>ECE</b>	<b>EEE</b>	<b>Mech</b>	<b>S&amp;H</b>
<b>As Resource Persons in seminars/workshops</b>	1	2	3	1	1	2
<b>FDP</b>	11	5	6	2	5	2
<b>Seminar/Conferences</b>	13	4	12	2	3	3
<b>Workshop</b>	2	14	6	3	2	2

**2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications, teaching experience in other national institutions and specialized programmes industrial engagement, etc.)**

The Institution provides full support to their faculty for their overall growth and development. Following policies have been adopted by the institution:

- Faculty who want to continue their research are granted leave as per the university norms.
- Interested faculty are given special leaves to attend workshops, seminars and the registration fee is also reimbursed by the institute.

- The institution promotes research, development and consultancy involving faculty members at various levels.
- Management encourages faculty to undertake research - oriented projects and development oriented projects.
- Faculty is provided computer systems in the computer lab with internet access.
- For the development of faculty, Seminars, workshops, symposiums and FDPs are conducted in the college.
- The college encourages faculty members to write and publish papers in journals, articles, books, etc.

**2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.**

S.No.	Name of the faculty	Name of the award	Department	Awarded by	Year
1	K.Nagaraju	Best Teacher	EEE	KHIT	2015-16
2	K.Harikrishna	Best Teacher	EEE	KHIT	2014-15
3	P.P.Sharma	Best Teacher	EEE	KHIT	2013-14
4	M.V.N.Murthy	Best Teacher	EEE	KHIT	2012-13
5	R.Subbareddy	Best Teacher	EEE	KHIT	2011-12

S.No.	Name of the faculty	Name of the award	Department	Awarded by	Year
1	Prof S.Suryanarayana	Best Researcher	ECE	KHIT	2015-16
2	Dr.K.V.Ramprasad	Best Teacher	ECE	KHIT	2014-15
3	Ms.R.Vasavi	Best Teacher	ECE	KHIT	2013-14
4	Mr.B.Ramachandraiah	Best Teacher	ECE	KHIT	2012-13

S.No.	Name of the faculty	Name of the award	Department	Awarded by	Year
1	P.Lakshmikanth	Best Teacher	CSE	KHIT	2015-16
2	V.R.Jetson	Best Teacher	CSE	KHIT	2014-15
3	Dr.B.Tarakeswarao	Best Paper	CSE	KHIT	2013-14
4	V.Venkatrao	Best Teacher	CSE	KHIT	2012-13
5	B.S.N Reddy	Best Publication	CSE	KHIT	2011-12

S.No.	Name of the faculty	Name of the award	Department	Awarded by	Year
1	Dr.B.Annapoorna	Best Teacher	H&S	KHIT	2015-16
2	V.Revathi Devi	Best Teacher	H&S	KHIT	2014-15
3	P.V.Sivaji	Best Teacher	H&S	KHIT	2013-14
4	V.V.Subhashini	Best Teacher	H&S	KHIT	2012-13
5	Dr.B.Lakshmi	Best Teacher	H&S	KHIT	2011-12

S.No	Name of the faculty	Name of the award	Department	Awarded by	Year
1	I.Srinivasa Reddy	Best Researcher	CE	KHIT	2015-16
2	I.Srinivasa Reddy	Best Teacher	CE	KHIT	2014-15
3	T.Blessingstone	Best Teacher	CE	KHIT	2013-14
4	S.Tejaswini	Best Teacher	CE	KHIT	2012-13
5	S.L.P Durgadevi	Best Teacher	CE	KHIT	2011-12

S.No	Name of the faculty	Name of the award	Department	Awarded by	Year
1	Dr.S.C.V Ramanamurthy	Best Teacher	ME	KHIT	2015-16
2	V.Nageswararao	Best Teacher	ME	KHIT	2014-15
3	Dr.Ch.Srinivasarao	Best Teacher	ME	KHIT	2013-14
4	D.Srinivasulu	Best Teacher	ME	KHIT	2012-13
5	G.Raju	Best Teacher	ME	KHIT	2011-12

**2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?**

- Feedback is collected twice a semester from students of each class. First time, feedback is collected within two weeks from the commencement of classwork and next, at the end of semester.
- The feedback form focuses on student's response on pedagogy, content knowledge, communication, learning environment and teacher accessibility.
- Further, a summary report is prepared which shows the score of individual subject teachers.
- Teachers are permitted to utilize the information collected from students for self improvement.
- Feedback from parents, alumni and industry is collected at the end of the academic semester. In this case, the information collected is used for improvement of the institution.
- The college has recently introduced the practice of internal and external audit so as to facilitate internal as well as external peer evaluation.
- The feedback received from students will be analyzed and based on the inputs corrective measures are taken over a period of time.

## **2.5 Evaluation Process and Reforms**

### **2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation process?**

- The evaluation process is part of academic regulations formed by the college and approved statutory bodies.
- Evaluation process is a completely transparent system and it is placed on the college website. University (JNTUK) website gives complete information about the regulations, curriculum and syllabus.
- At the time of registration, printed hand book is given to the students. It contains Regulations, Examination, Evaluation and Programme Objectives and Outcomes along with the Syllabus.
- The college notice boards display all circulars from the university regarding evaluation, and also the last dates for the submission of assignments and the conduct of tests.
- Faculty members upload the marks and attendance given to their respective students on the college website. This data is accessible to all students.
- Periodically, staff meetings are conducted by HODs regarding evaluation process.
- A student can approach the faculty concerned, Convener( Grievance Cell) or the Principal in case of any discrepancy in marks, attendance or in evaluation process.

### **2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the Institution on its own?**

- The college is affiliated to JNTUK, Kakinada, Andhra Pradesh the college has adopted all evaluation reforms proposed by the university. As per the university regulations, mid examinations are conducted at two intervals (one descriptive test and one objective test) and assignments are for internal evaluation. On-line objective tests are conducted by JNTU Kakinada.
- Students are continually evaluated throughout the semester for practical examination, and internal lab exam is conducted for 25 Marks.
- An external examiner appointed by the university and teacher concerned will conduct the external lab examination, which is for 50% marks.
- The project work in the college is evaluated by the external examiner.

- To conduct university examinations in a free and fair manner, jumbling system in the examination centres is recently implemented by the university.
- There is a provision for re-counting, re-evaluation and challenge re-evaluation if the student needs.
- Credits are awarded for each subject cleared by the student. As per the university regulation, the students are required to earn minimum 40% of the total credits for getting promoted into 3 and 4<sup>th</sup> year.
- Faculty members are deputed as external examiners to conduct the practical examinations and Viva-Voce.
- Result analysis is done for each semester to improve the pass percentage.

### **2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?**

- The college ensures effective implementation of the guidelines issued by the university related to evaluation reforms.
- After evaluating the internal answer booklets, the booklets are distributed to the students for verifying the allotted marks and students are informed to sign on the answer booklets.
- The internal marks and attendance of every student is uploaded through an online portal of the college website [www.khitguntur.com](http://www.khitguntur.com) and displayed on the college notice boards.
- The academic committee meetings are conducted on a regular basis to discuss and deliberate upon all matters related to the evaluation process and practices of Internal Assessment.
- As per the University norms, students can apply for re-counting, re-evaluation and challenge re-evaluation.
- All the uploaded information is available online to the students, faculty and all other stakeholders to ensure transparency and for effective implementation of evaluation reforms.

### **2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positive impact on the system?**

#### **Formative Assessment**

- The main objective of the formative assessment approach is to give students an opportunity to comprehend and recognize their abilities and flaws and target areas that

needs improvement. It also enables faculty to recognize struggling areas of a student and address his/her problems immediately for improved performance.

- The formative assessment approaches include group discussions, role playing, case study, multiple choice tests, power point and/or paper presentation and oral feedback.
- Students are motivated and encouraged to plan, prepare and present the topic every day. Group discussions and classroom interactions improve their analytical and logical abilities. The performance of the students is analyzed at regular intervals.
- Such a formative assessment helps them to actively participate in inter/intra college competition.
- Attendance is regularly monitored. If a student is absent, the same will be communicated to parents through a message. If the students is absent for 3 consecutive days, problem will be identified and necessary steps will be taken.

#### **Summative Assessment:**

- The objective of summative assessment is to evaluate student learning outcome at the end of each semester and to determine to what extent the instructional and learning goals have been met.
- Summative assessment is very important and takes place twice a semester in the form of MID-I and MID-II Examinations. At the end of the semester, the university conducts the summative evaluation as given below:
  1. End semester examinations
  2. Practical examinations
  3. Project work
  4. Seminars
  5. Comprehensive Viva-Voce

#### **2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills, etc.).**

- Students are informed about the internal assessment criteria at the beginning of the semester by the faculty concerned.

- Class tests are another mechanism whereby students' progress is evaluated and communicated. The students' performance is examined in the classrooms by conducting unit tests, oral presentations, internal assessment tests and assignments and in the end semester by both theoretical and practical examinations.
- The answer scripts of internal written assessment are returned to the students after evaluation in the class and their grievances are redressed immediately.
- Internal assessment marks are uploaded on the college website and each student is required to sign their internal assessment records before they are sent to the university.
- Internal assessment also includes weightage for regularity in attending lectures and tutorials and therefore, attendance records are uploaded on the college website every month.
- Weightage for behavioral aspects, independent learning, communication skills etc. are given through various assessment techniques like group discussion, quiz, role playing, projects, debate, assignments, presentations, etc.
- During weekly class presentations, teachers help students in improving their communication skills and in developing their self-confidence. The presentations are assessed and the results are communicated to the students.

#### **2.5.6 What are the graduate attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?**

The University as specified Graduate Attributes in the form of Programme Outcomes (PO) pertaining to each and every programme offered. KHIT is striving its best for the attainment of graduate attributes by the students through teaching, learning and evaluation processes.

Graduate Attributes are:

- Engineering Knowledge
- Problem Analysis
- Design & Development of Solutions
- Investigation of Complex Problem
- Modern Tools Usage
- Engineer and Society



- Environment & Sustainability
- Ethics
- Individual & Team Work
- Communication
- Project Management & Finance.
- Lifelong Learning

There are some significant achievements over the last four years. The program outcomes achieved through curriculum offer a number of mandatory courses as well as elective courses. Each course has defined course outcomes that are mapped to the program outcomes and a set of performance criteria is used to offer quantitative measurement of how well course outcomes are achieved. Thus, the course outcomes are directly and quantitatively assessed, and are tied to the program outcomes as shown in the course syllabus.

Therefore, if the course outcomes are met, the program outcomes are met. With the implementation of the specified delivery methods, the effectiveness of the courses is enhanced which in turn helps in the attainment of POs. The following lists the different modes of content delivery of the courses:

- M1:Lecture interspersed with discussions
- M2:Presentations using LCD Projector
- M3:Tutorial
- M4:Demonstrations
- M5:Individual/ Group project
- M6:Seminars & Assignments
- M7:Expert(Guest) Lectures
- M8:Industrial Visit
- M9:Specialized Training

The college always ensures the attainment of POs by the students through an evaluation and assessment plan which consists of the following components.

- mClass attendance and participation in class discussions etc.
- Homework and Assignments
- Projects
- Slip tests

- Internal Assessment Examinations
- Retests
- Independent learning and behavioral aspects
- End-Semester Examinations
- Paper presentations
- Feedback

**2.5.7 Does the institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning? If ‘yes’ provide details on the process and cite a few examples.**

- Yes, the performance of the student as well as faculty is assessed and is used as an indicator by the Institute.
- The following table indicates the methods of assessment used as indicators of student performance:

S.No.	Assessment Criteria	Outcomes
1	Written assessment (Slip Tests/Internal/External)	Results in the enhanced knowledge content and depth of understanding
2	Project Assessment	Develops the practical and technical knowledge
3	Attendance Assessment	Leads to punctuality and discipline.

**2.5.8 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and university level?**

**Internal Assessment:**

- After evaluating the answer scripts and assignments, the faculty return them to the students, with corrections as well as suggestions for the better presentation and performance in the final examinations. Students can immediately convey his/ her grievance. Thus, the subject teacher concerned is the first person for grievance redressal.
- Internal Assessment Marks are posted on the college website and the students are given time to check out their marks and represent their grievances at the college level.
- Before sending the Internal Assessment marks to JNTUK, students can verify the marks awarded and if there are no grievances from his side, he may sign on final award list.

- Students can directly approach the Director/Principal, in case they are not satisfied at any stage of the above procedure.
- In the institution, grievances related to evaluation are normally redressed by the subject teacher concerned or the Head of the Department or the Principal depending on the intensity of the problem.

**University examinations:**

- University has its own system for redressal of grievances. With reference to evaluation, if the student has scored less marks than expected, he/she can apply on-line for revaluation of his/her answer script after paying the prescribed fee. If the revaluation results are not satisfactory, the student can apply for challenge revaluation.
- Also the student can apply for a photocopy of his/her answer script. The photocopy is mailed to the id provided by the student.

## **2.6 Student Performance and Learning Outcomes**

### **2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?**

Yes. It does

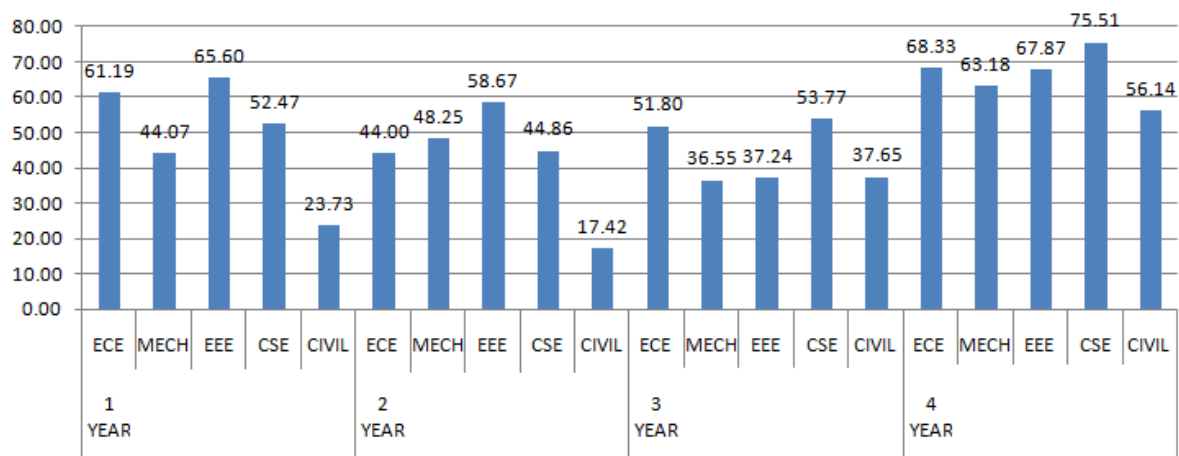
- The college vision and mission statements are clearly stated about the learning outcomes. As a part of its vision and mission, the college has very clearly stated orientation and endeavor of its learning process.
- Each and every department in the college has specific goals to be reached and these specific goals are called Program Education Objectives (PEO), Program outcomes (PO) and course outcomes (CO). They are listed in course files and handed over to all the students and faculty members in the form of a printed booklet.
- The learning outcomes are displayed on the department notice boards and the college website.
- The students are counselled on the importance of learning outcomes.
- Meetings are conducted department wise and there is a continuous briefing on learning outcomes to the staff.

**2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.**

- The Institution ensures the regular internal assessments as a part of the course.
- These assessments are conducted as per the parameters set by JNTUK and marks are analyzed.
- Internal assessment comprising tests, presentations, group discussions, written assignments, etc. is made by our faculty to evaluate the performance of students. In addition to this, the performance of students in terms of their participation in classroom discussions and out of the box thinking in applying theoretical concepts into practical application is constantly monitored by faculty.
- Further, monthly attendance and test marks are communicated classwise to students and parents.
- Counselling is done regularly for the students who secure low marks.
- For the betterment of the student, remedial classes are conducted.
- Feed-back is collected from the student and tabulated subject-wise twice a semester.

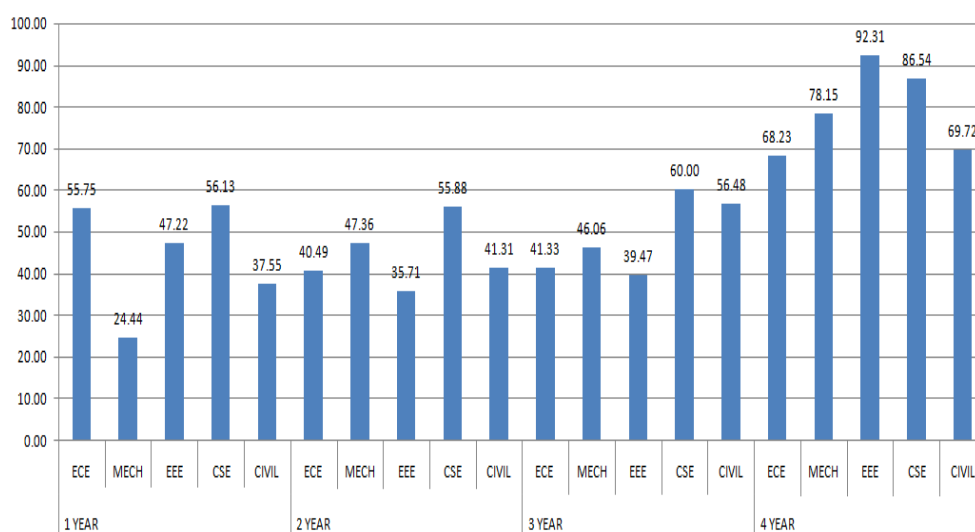
**Result Analysis of 2014 passed out Batch (LYGm2)**

Year & Sem	Programme	No. of written	passed	Pass %	Year & sem	Programme	No. of written	passed	Pass %	Year	Programme	Pass %
1-1 YEAR	ECE	60	37	61.67	1-2 YEAR	ECE	56	34	60.71	1 YEAR	ECE	61.19
	MECH	59	30	50.85		MECH	59	22	37.29		MECH	44.07
	EEE	36	25	69.44		EEE	34	21	61.76		EEE	65.60
	CSE	60	34	56.67		CSE	58	28	48.28		CSE	52.47
	CIVIL	59	19	32.20		CIVIL	59	9	15.25		CIVIL	23.73
2_1 YEAR	ECE	63	28	44.44	2_2 YEAR	ECE	62	27	43.55	2 YEAR	ECE	44.00
	MECH	57	19	33.33		MECH	57	36	63.16		MECH	48.25
	EEE	32	20	62.50		EEE	31	17	54.84		EEE	58.67
	CSE	58	22	37.93		CSE	56	29	51.79		CSE	44.86
	CIVIL	55	10	18.18		CIVIL	54	9	16.67		CIVIL	17.42
3_1 YEAR	ECE	62	26	41.94	3_2 YEAR	ECE	60	37	61.67	3 YEAR	ECE	51.80
	MECH	54	14	25.93		MECH	53	25	47.17		MECH	36.55
	EEE	29	10	34.48		EEE	30	12	40.00		EEE	37.24
	CSE	53	28	52.83		CSE	53	29	54.72		CSE	53.77
	CIVIL	51	18	35.29		CIVIL	50	20	40.00		CIVIL	37.65
4_1 YEAR	ECE	60	48	80.00	4_2 YEAR	ECE	60	34	56.67	4 YEAR	ECE	68.33
	MECH	52	29	55.77		MECH	51	36	70.59		MECH	63.18
	EEE	30	19	63.33		EEE	29	21	72.41		EEE	67.87
	CSE	49	31	63.27		CSE	49	43	87.76		CSE	75.51
	CIVIL	46	22	47.83		CIVIL	45	29	64.44		CIVIL	56.14



**Result Analysis of 2015 passed out Batch (LYGm1)**

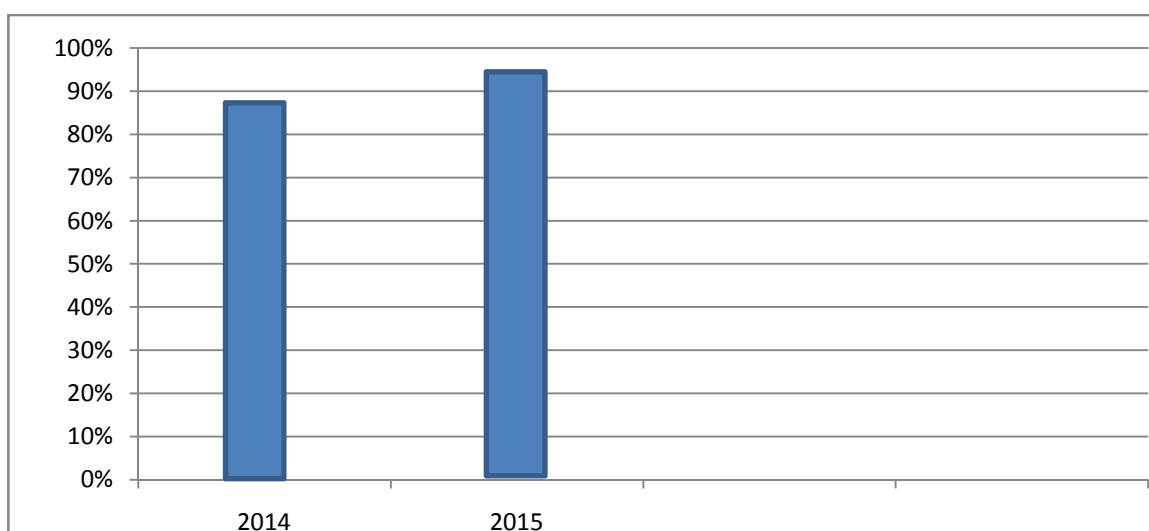
Year & Sem	Programme	No. of written	passed	Pass %	Year & sem	Programme	No. of written	passed	Pass %	Year	Programme	Pass %
1-1 YEAR	ECE	87	51	58.62	1-2 YEAR	ECE	87	46	52.87	1 YEAR	ECE	55.75
	MECH	45	14	31.11		MECH	45	8	17.78		MECH	24.44
	EEE	16	8	50.00		EEE	18	8	44.44		EEE	47.22
	CSE	53	33	62.26		CSE	54	27	50.00		CSE	56.13
	CIVIL	45	16	35.56		CIVIL	43	17	39.53		CIVIL	37.55
2_1 YEAR	ECE	82	33	40.24	2_2 YEAR	ECE	81	33	40.74	2 YEAR	ECE	40.49
	MECH	47	20	42.55		MECH	46	24	52.17		MECH	47.36
	EEE	21	7	33.33		EEE	21	8	38.10		EEE	35.71
	CSE	54	25	46.30		CSE	55	36	65.45		CSE	55.88
	CIVIL	55	19	34.55		CIVIL	52	25	48.08		CIVIL	41.31
3_1 YEAR	ECE	75	44	58.67	3_2 YEAR	ECE	75	18	24.00	3 YEAR	ECE	41.33
	MECH	45	21	46.67		MECH	44	20	45.45		MECH	46.06
	EEE	19	8	42.11		EEE	19	7	36.84		EEE	39.47
	CSE	52	31	59.62		CSE	53	32	60.38		CSE	60.00
	CIVIL	54	32	59.26		CIVIL	54	29	53.70		CIVIL	56.48
4_1 YEAR	ECE	73	55	75.34	4_2 YEAR	ECE	72	44	61.11	4 YEAR	ECE	68.23
	MECH	42	31	73.81		MECH	40	33	82.50		MECH	78.15
	EEE	14	14	100.00		EEE	13	11	84.62		EEE	92.31
	CSE	52	46	88.46		CSE	52	44	84.62		CSE	86.54
	CIVIL	49	33	67.35		CIVIL	43	31	72.09		CIVIL	69.72



**PG:**

**Result Analysis of 2014 and 2015 passed out M.Tech. students**

Passed out year	Sem	Programme	No.Of Written	Passed	Pass %	sem	Programme	No.Of Written	Passed	Pass %	Year	Pass %
2015	I Sem	CSE	12	10	83.3	II Sem	CSE	12	12	100	I Year	91.67
2014	I Sem	CSE	13	11	84.6	II Sem	CSE	12	11	91.67	I Year	88.14



Result analysis of students for the last four years is demonstrated in the above bar chart by making program/ course wise comparison. This shows that student's pass percentage is good in the zone amongst all affiliated colleges of JNTUK.

**2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?**

- The college follows the university prescribed curriculum and assessment policy to facilitate the achievement of the intended learning outcomes.

- Classroom sessions, lab sessions, mini-project, main project, seminar, interaction with R&D faculty, on-line quiz programmes, communication skill classes, participation in co-curricular activities, etc. make our students attain graduate attributes to a great extent.
- Students take an active part in these endeavors in order to develop themselves into self driven and self regulated individuals with a set of values, skills and attitudes to enhance their employability and career growth.
- There are some of the strategies to facilitate assessment and learning outcomes:

**Teaching Strategies:**

- Teaching begins on the very first day of each semester as per the university academic calendar, according to the schedule prepared meticulously by the Time-table Committee of the college.
- Besides these, tutorials are conducted on weekly basis by the teachers and assignments given are evaluated.
- Class tests are also held and evaluated as part of Internal Assessment. Teaching continues till the date of dispersal of classes as notified by the university.
- Periodic visits are paid by the Principal/HOD in order to assess the teaching standards of the faculty.
- In order to enhance knowledge dissemination, faculty development programmes are conducted.

**Learning Strategies:**

- Learning is facilitated and regulated in various ways. It is impressed upon the student that regularity in class is imperative for systematic learning and meeting the requirements of the academic programme.
- During class and tutorials, students learn to overcome their diffidence as they are encouraged to ask questions and engaged in discussions regarding the topic being taught or presented.
- Through presentations, their speaking and communicative skills are honed, and their self-confidence is enhanced.



- While writing assignments, making presentations and taking class-tests, they develop their writing skills in terms of language, expression and organization of ideas and also learn time-management.
- When undertaking class level and innovative projects, they learn the importance of teamwork, co-operation and inter-dependence.
- Guest lectures are given, and students participate in departmental field trips and excursions which give them good exposure to a diversity of ideas, places, events and people.
- Students are also given the opportunity to opt for add-on courses of their interest, participate in debates, and write articles/poems for their departmental and college magazines, all of which contribute towards enhancement of their academic acumen.

### **Assessment Strategies**

#### **i) Direct Assessment**

- Assessment is structured as per JNTUK norms, with 25% weightage given to Internal Assessment and 75% to the end-semester examination.
- Students have to fulfill the minimum attendance requirements as for university norms.
- Attendance is submitted on a monthly basis by teachers, and compiled and notified by the college.
- Class presentations and tests are conducted by the teachers in their respective courses, and opportunity for re-test or improvement is also given to those who have missed these or have performed poorly, before compiling the Internal Assessment record. The final marks of the Internal Assessment are calculated and communicated to individual students and their signatures are taken.
- The results are then moderated by the Moderation committee of the department, notified on the college website, and students' grievances are redressed before they are forwarded to the university.
- Eligible students appear for the end-semester exam, results of which are communicated through the website of the University.

#### **(ii) Indirect Assessment:**

- Alumni feedback

- Employer feedback
- Exit student feedback

#### **2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?**

The Institution has strived to create an environment within which result statistics cannot be taken in isolation of various other skills, abilities and attitudes essential for productive utilization of students learning capabilities. Other than providing the students a wide range of choices in terms of curricular selection, almost all departments are engaged in socio-economic relevance of classroom teaching.

- One of the main objectives of the courses is an economic and social responsibility.
- To reach the objectives the college has formed different committees like training and placement committee, cultural awareness committee, R&D committee, discipline committee, etc.
- Various social activities are organized by college NSS wing like blood donation camp, rural area cleaning activity, etc.
- The institution always encourages students towards the research aptitude and creative thinking with the help of advanced laboratories.
- Technical seminars and workshops on latest technologies are conducted by inviting experts from the industry.

#### **2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?**

Every year the institution collects and analyzes the data on students performance in multiple ways. Some are listed below:

- While teaching in the class, teachers do some informal discussion and check the performance of the students.
- Record of the performance of the students is maintained by each teacher in tutorials, presentations and class tests, and help is provided in overcoming their short-comings.
- Internal assessment record is meticulously maintained, compiled and submitted to the office, and notified after moderation.

- Every year feedback is taken from the outgoing students, the alumni and the employer.
- Data is collected from the graduates seeking higher education and involved in research activity.
- Remedial classes are conducted for students who are weak in English. A Counselor is employed to address specific problems of students and counsel them regarding the same.
- Evaluation is conducted on a regular basis in the form of class tests, session end-examinations and assignments.
- Freeship and Financial Aid are provided to needy and meritorious students. This is monitored by the Freeships and Financial Aid Committee.

#### **2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?**

- As per the university (JNTUK) norms the institution prepares and implements academic schedule to achieve the learning outcomes.
- The function of Examination cell is exclusively to conduct Internal and External examinations as per the JNTUK schedule.
- Workshops, seminars and guest lectures are conducted by individual departments to update the emerging trends in technology.
- Teaching learning process is monitored regularly and reports are discussed during meetings held with the Director and the HoDs.

#### **2.6.7 Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.**

Yes, the Institution uses assessment /evaluation outcomes as an indicator to evaluate the performance of the student. Assessment outcomes are used to measure the achievement of learning objectives.

- Students' attendance details are displayed on the departmental notice boards and the same is communicated to parents every month.
- Internal test and external examination marks are an important indicator for evaluating student performance, achievement of learning objectives and planning.

- Besides marks scored by students in class test and external examination, participation, creativity and team work in various activities are also strong parameters for evaluating student performance.
- Parents are guided academically in the family counselling services.
- Records are maintained and analyzed regarding class, mid and university examinations.
- In the view of students' performance, teaching learning process is modified by teachers for the overall development of students and to achieve the program outcomes.

**2.6.8. Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.**

The institution has adopted the following practices to promote student centric learning:

- The college has recruited and maintained the qualified and experienced faculty to provide the valuable education.
- The specially prepared material is given to enhance the learning process of academically weak students.
- Special scholarship is given to meritorious students on the occasion of Annual day.
- To fulfil curriculum requirements, training is offered through field work/industrial training.
- To enhance student technical and industry skills, experts are invited from different fields to deliver lectures on different issues of technology.
- The college conducts Alumni meets to interact with the old students every year.
- The faculty members always give support and encouragement to the students in the area of preparing the class notes, own notes etc.
- Laboratories equipped with modern facilities are provided to the students for developing professional skills, communication skills, programming skills, etc.
- The management always supports and motivates the faculty to use OHP, LCD projectors, Broad Band internet connectivity and Wi-Fi connectivity for the classroom teaching.

**CRITERION - III**  
**RESEARCH, CONSULTANCY &**  
**EXTENSION**

## **CRITERION III**

### **RESEARCH, CONSULTANCY AND EXTENSION**

#### **3.1 Promotion of Research**

##### **3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?**

NO, the institution is not recognized as research centre so far, but it aims at getting the recognition as the research centre under JNTUK- Kakinada.

##### **3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.**

Yes, the college has a Research & Development Committee to facilitate and monitor the research activities of the organization. Every month the R&D committee conducts periodical meetings to revise the activities of each department.

##### **The composition of the college research and development committee (CRDC):**

<b>Sl. No</b>	<b>Name of the faculty</b>	<b>Designation</b>
1	Dr. CH. SRINIVASA RAO	Convener
2	Dr. C. RAVI KUMAR REDDY	Member
3	Dr. L. SHANMUKHA RAO	Member
4	Dr. D.V. SREEKUMAR REDDY	Member
5	Dr. Md. UMAR KHAN	Member
6	Dr. B. LAKSHMI	Member

##### **Functions of College Research and Development Committee (CRDC):**

- Inculcating the practice of research attitude among the faculty and the student community.
- Encouraging the Faculty to attend national / international level seminars to update their knowledge in current developments in the area of their interest.
- Organizing seminars and workshops to bring in expertise from different disciplines.
- Insisting every Ph.D. holder to apply for and receive grants for a project.
- Involving the Students of UG and PG in active research
- Aiming at publishing quality Articles/Papers in reputed journals and books.

- Getting recognition and financial aid from funding agencies and Management.

**Some recommendations of the CRDC are:**

- Encouraging the faculty members and students to publish the papers/articles in peer reviewed journals with good impact factor, so that there can be an enhancement in the number of research publications.
- To procure funds from different funding agencies and also encouraged to visit reputed laboratories/ industries to help and plan their projects.
- To conduct, organize or participate in more seminars /conferences / workshops to get updated with the new developments and innovations in their area of expertise.
- Giving incentives and other facilities to faculty members working on funded project and good research publications.
- To promote and sponsor the students to participate in any kind of research activity of their interest.

**Output of recommendations is as follows:**

- CRDC and the management constantly encourage and motivate the research activities among the faculty and students.
- Students' participation and winning awards in project competitions have increased. Motivation is given for the faculty and students to participate in seminars, workshops and conferences to enrich the competence.
- Ph. D graduates have involved in designing innovative and socially relevant projects.
- Ph. D pursuing faculty and planning to do so, also actively involved themselves in departmental projects.

**3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?**

- The institution ensures timely disbursement of Funds received from agencies to the Principal Investigators (PI)
- Purchase of equipment and other accessories needed for research are made hassle-free through timely order and procurement by the administration.
- Faculty members who are PIs of funded research are given reduced teaching load and special permissions are sanctioned to them.

- On – duty leave is granted to PIs in order to take up related work in outside agencies/ laboratories.
- Fast internet access is available to the faculty members to carry out their research.
- The management also facilitates timely submission of audited statement of account and utilization certificates for yearly submission of project reports.
- The research Committee also offers help and guidance of timely and proper submission of the interim reports for on-going projects. If any project is approved, full support and facilities are provided to the principal investigator with equipped library facilities, digital library and latest valued research journals.

**Constitution of departmental RDC:**

- The institution maintains a separate savings bank account under the name of the Principal, for the amount sanctioned by the respective funding agencies so that there will be the feasibility of the timely release of the funds without any delay. This leads to the completion of the project and the submission of the final technical report along with the utilization certificates within the stipulated time given by the concerned funding agencies.
- Purchase of equipment and other accessories needed for research are made hassle-free through timely order and procurement by the administration.
- Monitorial incentives are provided to the faculty to publish papers in reputed journals/conferences.
- Convenient timings and minimum work load to pay a sufficient time on research.
- Inter-departmental sharing of resources (Equipment, space, software and expertise) is facilitated.

**3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?**

- To inculcate the attitude of research among the faculty and the student community, the institution spares no effort to promote the culture of research
- Inclusion of laboratory work beyond the stipulated syllabus is made mandatory in all the departments. This develops the attitude of research.
- Students are given financial assistance to participate in the seminars, conferences, projects and prototype competitions etc..



- The students are instructed participated actively in different Tech-fests, Science fairs and technical paper competitions.
- Interdisciplinary seminars are conducted in all the departments to expose the students to the current work going on in various disciplines.
- Workshops are organized to create enthusiasm and passion in research among the students and to provide a scope to meet the well named experts in the related area.
- Site visits and interactions with industrialists are organized to motivate students to contemplate design and execution of innovative projects. This is further made possible by signing MoUs with companies and Industries.
- Students have published their papers in international and national journals. Some students have received prizes in various technical competitions at national level.
- The college organizes national conferences/seminars/workshops once in a year in each department in order to develop technical thirst among students.
- The college conducts national conferences, workshops and seminars once in a year in all the departments and encourages the faculty and students to publish research papers with high impact factor in the reputed journals and SCI indexed journals.
- Best projects of final year students are converted into papers for publication and paper publication is compulsory for M.Tech students to submit their academic project.
- Project expo is conducted annually and the best project is awarded.
- Digital library has been started with subscription to several standard journals, video lessons by NPTEL and COEERD etc.

#### Research activities

S.No	Event	2011-12	2012-13	2013-14	2014-15	2015-16
1	No of Internal Symposia Conducted	1	1	1	1	1
2	No of Papers presented in symposia	8	79	133	115	285
3	No of students participated in symposia	15	103	172	155	359
4	No of workshops conducted	--	1	4	6	8
5	No of project expo conducted	--	2	2	2	12
6	No of projects exhibited	--	5	9	9	18
7	No of students participated in project expo	--	10	16	18	47

8	No of projects submitted to funding agencies	--	--	--	--	--
9	Funds received from different agencies	--	--	--	--	--
10	Number of publications by the faculty in National / International conferences	--	--	--	--	--
11	Number of publications by the faculty in Journals	22	9	21	54	64
12	Number of publications by the students in National Journals	0	0	0	0	0
13	Number of publications by the students in International Conferences	0	10	8	12	20

### 3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

#### Guiding student research

- Members of Faculty are actively involved to guide the students' projects. They are also involved in helping the students' mini and major projects. The students and the faculty members from various departments published papers in national & international conferences, seminars and journals.
- **Leading Research Projects**
- Most of the faculty members from various departments have submitted research proposals to various national level funding agencies for grants towards research.
- **Engaged in individual/collaborative research activity**
  - The faculty members are actively committed in pursuing research work and publishing their findings in journals. The faculty are guiding scholars, both full time and part time, towards acquiring the Ph.D. degrees. The details are listed below:

S.No	Department	Name of the Faculty	No of Scholars
1	CE	Dr. I. Srinivasa Reddy	2
2	CE	Dr. C. Ravi Kumar Reddy	6
3	ME	Dr. Ch. Srinvasa Rao	2
4	ECE	Dr. K.V. Ram Prasad	2

### 1. Faculty Registered for Ph. D./M.Phil. Programme

KHIT exposes its faculty on a large scale to the latest research scenario and motivates them in taking up research. After the inception of the college in 2010, **06** members were awarded Ph.D.s and **24** members are pursuing their Doctoral research in different disciplines at reputable universities. The Management strives for the professional development of the faculty and encourages them to attend seminars, workshops, refresher courses and international & national conferences by providing them necessary financial support and special leave. The data below showcases the efforts taken by the institution for continuously encouraging and motivating faculty and student to develop an aptitude for taking up research.

S.No	Name of the Faculty	Department	Registered For	University	Year of Registration
1	T. Blessingstone	CIVIL	Ph.D	JNTUK, Kakinada	2010
2	M. Jugal Kishore	CIVIL	Ph.D	VIT, Tamilnadu	2016
3	V. Rajiv Jetson	CSE	Ph.D	ANU	2008
4	P. Lakshmi Kanth	CSE	Ph.D	JNTUK	2013
5	S. Suryanarayana	ECE	Ph.D	JNTUH	2008
6	J. Ravisankar	ECE	Ph.D	VIGNAN University	2010
7	B. Ramachandraiah	ECE	Ph.D	IIIT, Chittore	2016
8	C. Suneetha	ECE	Ph.D	ANU	2016
9	V. Santhisri	ECE	Ph.D	ANU	2016
10	K. Hari Krishna	EEE	Ph.D	ANU	2011
11	P.P. Sharma	EEE	Ph.D	A.U	2013
12	T V S R K Prasad	ME	Ph.D	ANU	2011
13	G. Suresh Babu	ME	Ph.D	ANU	2011
14	G. Raju	ME	Ph.D	JNTUH	2012
15	P. Surendra Babu	ME	Ph.D	JNTUK	2013
16	V. Nageswara Rao	ME	Ph.D	ANU	2014
17	P.Nagaraju	S&H	Ph.D	Rayalseema University, Kurnool	2010
18	P.V.Sivaji	S&H	Ph.D	ANU, Guntur	2012

19	V.Revathi Devi	S&H	Ph.D	ANU, Guntur	2012
20	N.Sridevi	S&H	Ph.D	ANU, Guntur	2013
21	P.Inna Rao	S&H	M.Phil	ANU, Guntur	2014
22	B.Aruna	S&H	Ph.D	Padmavathi Mahila viswa vidyalayam, Thirupathi	2015
23	P.Appi Reddy	S&H	M.Phil	ANU, Guntur	2016
24	I.Vijay Kumar	S&H	Ph.D	ANU,GUNTUR	2016
25	P.Revathi Prasanna	S&H	M.Phil	ANU,Guntur	2016

**3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbining research culture among the staff and students.**

- Our institution organizes faculty development programs, internal symposia and external symposia, national conferences, technical projects with focus on capacity building and inculcating research ambience.
- The institution also convenes interdisciplinary and department-wise workshops, training programmes and seminars. Following programmes are conducted / organized by the institution during last 5 years: 2011-12, 12-13, 13-14, 14-15, 15-16.

Department of CIVIL				
1	Guest lecture	Design & Drawing of siphon Aqueduct Type-III	Dr. A. Srinivasa Prasad Professor in CIVIL R.V.R& J.C Chowdavaram Guntur	16/10/2016
2	Work Shop	RS&GIS Applications in civil engineering	Dr. A. Siva Sankar Professor in Civil, Chairman of RPAC K. L. University	17/03/2016
3	Work Shop	Computer Applications in Structural Engineering	Dr. K. Srinivasa Rao Professor & HOD in CIVIL R.V.R& J.C Chowdavaram Guntur	18/03/2016
4	Guest lecture	Career opportunities for Civil Engineerinh Graduates	Dr.M. Amaranadha Reddy Professor in Civil IITKGP, Kharhpur	19/03/2016
5	Guest lecture	STAAD-V8i Software incorporation in	Mr. K. Sridhar CAAD Centre Guntur	25/04/2015

		design & detailing of R.C.C Structure		
6	Guest lecture	EIA on Polavaram Project	Dr. A.Siva Sankar Professor in Civil, Chairman of RPAC K.L.University	17 &18/09/2014
7	Guest lecture	Sub Structure Design	Dr. Ravi Kumar Reddy Professor & HOD, K.L.University, Vaddeswaram	08/09/2014
8	Guest lecture	A Lecture on Memory Tricks	Dr.M.Rama Rao Professor in Civil,R.V.R&J.C Chowdavaram	31/10/2013
9	Guest lecture	Matrix Analysis of Redundant Frames	Dr. K.Srinivasa Rao Professor & HOD in CIVIL R.V.R& J.C Chowdavaram	29/11/2013
10	Guest lecture	Hrdrograph Theory	Dr.M.Rama Mohan Rao	30/11/2013
11	Guest lecture	Design of flexible & rigid pavements	Dr.T.Murali Krishna Diector Vel-Tech University	01/12/2013
12	Guest lecture	Siesmic Analysis using STAAD PRO V8i	Mr.N.Gopi AEE, I& CAD, Rajahmundry	19/01/2013
13	Guest lecture	Outline on Nagarjuna sagar Right Canal	Dr.A.Srinivasa Prasad Professor in CIVIL R.V.R& J.C Chowdavaram Guntur	24/12/2012

Department of CSE				
1	A 5-Day Workshop	PHP & MYSQL	E-Systems,Hyderabad	4/3/2016 to 08/03/2016
2	A 2-Day Workshop	Cloud Computing	E-Systems,Hyderabad	7/10/2015 to 08/10/2015
3	Guest Lecture	“Health Awareness”	Dr.H.Kalyan Rao, Professor, NRI Medical College, Mangalagiri	26/08/2015
4	A Technical Symposium	SAMKALP-15	Dr.M .Sridhar, Professor, MCA Dept RVR&JC Chowdavaram Guntur-19.	15/09/2015
5	A 2-Day Workshop	Android Application Development	Geekslab Technologies Pvt.Ltd New Delhi-85	12/07/2014 & 13/07/2014
6	1-Day Workshop	Data Structures and Programming SkillsCloud Computing	Mr.G.Srinivasa Rao,Freelance Trainer,Hyderabad	26/03/2014

7	Guest Lecture	Object Oriented Analysis and Design	Dr.M.Seetharama Prasad, Professor CSE,KL University ,Vijayawada	3/10/2014
8	A Technical Symposium	SAMKALP-14	Prof.E.Srinivasa Reddy,Principal ANU	15/09/2014
9	Guest Lecture	Computer Graphics	Prof.E.Srinivasa Reddy,Principal ANU	27/11/2013
10	Guest Lecture	Computer Networking Protocols	Dr.M.Seetharama Prasad, Professor CSE,KL University ,Vijayawada	09/10/2012
11	Guest Lecture	Syntax Directed Translation in Compiler Design	Sri.M.Pompathy, Asst.Prof. IT, RVR&JC,Chowavaram,Guntur-19.	13/10/2012
12	Guest Lecture	Computer Organization	Prof.E.Srinivasa Reddy, Vice Principal ANU	22/02/2012
13	Guest Lecture	Data Structures	Prof.A.BalaKrishnaiah,Principal,Back stage pass School of Gaming, Madhapur,Hyderabad	15/10/2011 &16/10/2011

Department of ECE				
1	Seminar	Trends on VLSI Design	Dr.T. Esther Rani Professor CVR college of Engg ,Hyd	02-Sep, 2016
2	Seminar on Latest Trends	Signal & Image Processing	Dr.T.Kishore Kumar	6-Aug, 2016
3	A 2-Day Workshop on Emerging Trends I	VLSI & Embedded Systems	P.Pradeep Kumar Techzone Solutions	17&18- Mar,2016
4	A Guest Lecturer	Micro Controllers	Dr.G.UmaMaheswara Reddy Professor,SV University	20-Feb ,2016
5	Seminar	wireless and Optical communication	Prof.Ch Subramanyam CVRCE,Hyd	26- Feb,2016
6	Seminar	ASIC Design Using Xilinx	Dr.T. Esther Rani Professor CVR college of Engg ,Hyd	13-Oct, 2015

7	A one - Day Workshop	Matlab & Its Applications	Dr.K.V.Ramrasad, Mr.Padyala & Ravi Kumar	30-Sep,2015
8	A 2-Day workshop	Optical And Wireless Communications	Prof.S.Suryanarayana, Prof.Ch Subramanyam CVRCE,Hyd	21&22-Aug,2015
9	A 2-Day Workshop	VLSI System Design	P.Pradeep Kumar Techzone Solutions	3&4-Mar,2015
10	Seminar	Trends In VLSI Design	Dr.G.Umamaheswara Reddy Professor, SV University	20-Feb,2015
11	Seminar	Trends In Communications	Prof.K.Jeevan Prahlad	12-Feb,2015
12	Seminar	Human Values	Dr.E. Srinivasa Reddy	30-Jan,2015
13	A Guest Lecturer on	Part of GPS in Latest Technologies	Dr.V VenkataRao	24-Oct,2015
14	A Seminar	Wireless Sensor Networks	Prof.Ch Subramanyam CVRCE,Hyd	17-Oct,2014
15	A 2-Day work shop	Advances In Communications	Prof.S.Suryanarayana, Dr.V.V.K.V.D.Prasad RVR&JC Prof.C.Aruna Bala Prof&HOD Ravindrareddy College of Engg, Kurnool	15&16-Oct,2014
16	A Seminar on Trend	Micro controllers & ARM Processors	Dr.G.UmaMaheswara Reddy, Professor, SV University	20 Aug,2014
17	A Seminar	HAM RADIO	Mr.K.Jagan Mohan Rao	20-April-2014
18	One Day Guest lecturer	VLSI Signal Processing	Dr.T. Esther Rani Professor CVR college of Engg ,Hyd	6-Mar,2014
19	A 2-Day Workshop	VLSI & Embedded Systems Design	P.Pradeep Kumar T.Ravi Babu Techzone Solutions	3-4 Mar,2014
20	A Seminar	IMAGE PROCESSING	Dr.G.UmaMaheswara Reddy Professor, SV University	14-Mar,2014
21	Two Day Workshop	Matlab & Its Applications	Prof. K.V.Ramrasad, Dr. M.Narayana	27-28 Sep, 2013
22	Two Day work shop	Trends in VLSI	P.Pradeep Kumar Techzone Solutions	12-13 Feb, 2013

<b>Department of EEE</b>				
1	Guest Lecture	Soft skills & Interview skills	Mr.T.Ravi kumar	05/10/2015
2	workshop	Power system equipments used in HT lines	T.Srinivasa Rao	23/03/2015
1	Guest Lecture	Variable Frequency Drives	J.Kasi visweswara Rao	03/11/2014
2	Guest Lecture	Innovatives of MatLab	Dr.MD.Zia Ur Rehman	21/09/2013
1	Guest Lecture	Network Analysis	Dr.E.Srinivasa Reddy	10/10/2011

<b>Department of MECHANICAL</b>				
1	Seminar	Ethical values of employees in Industries	D.S.S.Reddy, HR, Sri Venkateswara Gear Wheels	11/04/2016
2	Seminar	Industrial Requirements	K.V.A.Praveen, HR, Sri Venkateswara Gear wheels	11/04/2016
3	Seminar	Product development	A.Kiran, HR, Kirloskar Toyota TextileMachinery Pvt Ltd.,	04/05/2016
4	Guest Lecture	Advances in Textile Machinery	C.V.Srinivas, Sr.Manager,Kirloskar Toyota TextileMachinery Pvt Ltd.,	04/05/2016
5	Workshop	Advanced Mechanical Softwares on SPM Design	Akash.S.Kulakarni, CAE Engineer, Akuva Infotech Pvt.Ltd.	23/02/2016
6	Workshop	Reverse Engineering Design and Rapid Prototyping	Biksh Kumar Sena, Design Engineer, Akuva Infotech Pvt.Ltd.	23/02/2016
7	Seminar	Global H.R	Sabareesan R, HR, VEE Technologies.	22/12/2015
8	Workshop	Autocad advanced course	Vivek T, Technical Specialist, EDS Technologies	14/12/2015
9	Seminar	Advanced Autocad	Vivek T, Technical Specialist, EDS Technologies	5/10/2015
10	Seminar	Opportunities In Global World	S. Ravi Kumar, HR, IIC Technologies Ltd.	10/8/2015



11	Seminar	Software Modules For Solid Modeling	Sonu Kumar J, Design Engineer, Akuva Infotech Pvt.Ltd.	29/01/2015
12	Guest Lecture	CAE Tools	Vikash Kumar Choudhary, Design Engineer, , Akuva Infotech Pvt.Ltd.	29/01/2015
13	Seminar	Motivation towards Building Careers	Dr. G.V.R. Prasada Raju, Jntuk, kakinada	15-09-2014
14	Seminar	Interactive session with students about opportunities in mechanical	Mr. Cracco Paolo	15-09-2014
15	seminar	Skills required for Entrepreneurs	Mr. Venna Nagarjuna, USA	26-07-2014
16	seminar	Ethical values in the present Society and importance in Engineering.	Dr.K.V.S.G. Murali Krishna, Jntuk, kakinada	22-07-2014
17	seminar	Interactive Session with students about Building	Mr. M.Srinivas, Manavatha	08-02-2014
18	seminar	Carrier building for Future engineers	Mr. Vishal Bhargav, Avila Learning	06-01-2014
19	Seminar	Interactive Session with students for campus placements	Mr. M.Vamsi, Synergy Services	06-01-2014

#### Department of S&H

1	Workshop	Soft skills	Globarena	04/01/2016 to 06/01/2016
2	Guest lecture	Interactive Session with students for campus placements	Komitla.Renil (CEO Paxterra)	08/03/2015
3	Guest lecture	Interactive Session with students for developing business skills	Sanjay Joshi (Tarnea Technologies)	12/06/2015
4	Workshop	Soft skills	R.J.K.Kennedy (Jawahar Knowledge centre)	06/08/2015
5	Guest lecture	Green Energy	Prof.G.S. Murthy (Retd Director,Professor Andhra university School of Chemistry)	20/08/2015
6	Guest lecture	Awareness on Anti-ragging	Bhaskara Rao (Asst Superintendent of police)	21/08/2015

7	Guest lecture	Motivational class	E.Srinivasa Reddy (Dean, ANU Engineering college)	28/08/2015
8	Guest lecture	Meet the Industry	Mrs.Sarada Varma (Kushi infra pvt ltd)	02/01/2014
9	Guest Lecture	Industrial orientation to students	V.Nagarjuna (America Cambridge Bitsat Technologies, CEO)	26/07/2014

### 3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

Following are the details for the research areas and expertise of the faculty members of various departments.

Name of the Department	Area of Specialization/Research	Expertize available
Civil Engineering	Pavement Materials Characterisation, Pavement analysis, Pavement Evaluation, Soil Reinforcement and Stabilisation	Dr. I. Srinivasa Reddy
	1. Soil-Structure interaction 2. Geo-Polymer Concrete	Dr. C. Ravi Kumar Reddy
	Analysis of fibre reinforced structures by using FEM	Prof. K. Srinivas
	Transportation Engineering	Prof. K. Yugandhara Reddy
Science & Humanities	1. Organo-Metal Complexes	Dr. S. Rama Krishna Reddy
	2. Drug Analysis	Dr. B. Lakshmi
	3. Cultural And Social Conflicts Of Novels	Dr. B. Anupama
	4. Algebra	Dr. V. Sivarami Reddy
	5. Finance	Dr. P. L. Madhava Rao
Mechanical Engineering	1. Production Engineering, Nano Technology & FEM	Dr. Ch. Srinivasa Rao
	2. Alternate fuels & Vibrations	Dr. S. C. V. Ramana Murthy Naidu
Computer Science & Engineering	1 Algorithms	Prof. B. Satya Narayana Reddy
	2 Speech Processing, Data Mining	Dr. B. Tarakeswara Rao
	3 Software Engineering	Mr. V. Rajiv Jetson
	4 Image Processing	Mr. CH. Samsonu
	5 Big Data	Mr. P Lakshmi Kanth
Electronics & comm. Engg.	1. Signal Processing	Dr. K.V. Ramprasad
	2. Communication Systems	Dr. D.V. Sree Kumar Reddy

	3. Microwave Engineering	Prof. S. Suryanarayana
Electrical & Electronics Engineering	Power systems	Dr. L. Shanmuka Rao
	Power systems	Prof. K. Venugopala Chari

**List of faculty who have engaged in active research and in implementation of research projects**

Name of the Faculty	Dept.	Area(s) of Specialization	Number of Research Scholars Guiding	Research Projects granted	Membership in Professional Bodies
Dr.S.Rama Krishna Reddy	S&H	Organo-Metal Complexes	-----	----	ISTE
Dr. V.Siva Rami Reddy	S&H	Algebra	-----	----	ISTE
Dr. I.Srinivasa Reddy	CIVIL	Transportation Engineering	01		ISTE
Dr.C.Ravi Kumar Reddy	CIVIL	Structural engineering	06		ISTE,IEI,PSI
Prof. K. Y.Reddy	CIVIL	Transportation Engineering	-----	----	FIE , ISTE & IAH
Prof. K.Srinivas	CIVIL	Fibre Reinforced Concrete	-----	----	FIE, ISTE & ASCE
Dr.Ch.Srinivasa Rao	MECH	Production Engineering, Nano Technology & FEM	02	----	ISTE
Dr.S.C.V.Ramana Murthy Naidu	MECH	Alternate fuels & Vibrations	-----	----	ISTE
Prof.B.SatyaNarayana Reddy	CSE	Algorithms	-----	----	CSI,ISTE
Dr.B.Tarakeswara Rao	CSE	Speech Processing	-----	----	ISTE,IIENG,IRE D
Dr.L.Shanmuka Rao	EEE	Power Systems	-----	----	IEI
Prof.K.Venu gopala Chari	EEE	Power Systems	-----	----	ISTE IEI
Prof.S.Suryanarayana	ECE	Optical Communication	-----	----	IETE
Dr.K.V.Ramprasad	ECE	Signal Processing	02	----	IETE

\*\* Almost all the staff has Membership in departmental Professional Bodies

**List of faculty who completed their Ph.D/M.Phil while working with this institution:**

S.No	Name of the Faculty	Dept.	Research Degree	University	Year of Award
1	Dr.B.Anupama	S&H	Ph.D	ANU	2016
2	Dr.B.Lakshmi	S&H	Ph.D	ANU	2016
3	Dr.P.L.Madhava Rao	S&H	Ph.D	ANU	2016
4	Dr.V.Siva rami reddy	S&H	Ph.D	ANU	2015
5	Dr.S.C.V.Ramana Murthy Naidu	ME	Ph.D	A.U	2015
6	Dr.K.V. Ramprasad	ECE	Ph.D	JNTUH	2014

**3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?**

- ❖ The college conducts National Conferences, Symposiums, Workshops and Seminars in collaboration with experts from academia and industries for giving special lectures and to interact with teachers and students.

**List of eminent personalities and researchers who visited the college during the last 5 years**

Civil Engineering Department		
S.No	Name of the Resource Person	Date of Visit
1	Dr.K.ChandraMouli,Professor & HOD of Civil Engineering Department,NRIIT,Guntur	24/02/2016
2	Dr.K.ChandraMouli,Professor & HOD of Civil Engineering Department,NRIIT,Guntur	17/05/2016
3	Dr.K.Srinivasu, Professor & HOD in CIVIL, R.V.R & J.C, Chowdavaram,Guntur.	17/04/2016
4	Dr.M.Amaranadh Reddy, Professor in CIVIL, IIT KGP, Kharagpur	18/0/2016
5	Dr A.Srinivasa Prasad, Professor in CIVIL, R.V.R & J.C, Chowdavaram, Guntur	13/04/2015
6	Dr.K.ChandraMouli,Professor & HOD of Civil Engineering Department,NRIIT,Guntur	27/04/2015
7	Dr.G.V.R.Prasada Raju, Registrar, JNTUK-Kakinada	15/09/2014
8	Mr.M.Anji Reddy, Managing Director,Marvel Infra Builders Pvt, Ltd.,	15/09/2014

9	Dr.K.V.S.G.Murali Krishna ,Professor of Civil Engineering Department , JNTUK-Kakinada	22/07/2014
10	Dr.V.Srinivasulu, Professor of Civil Engineering Department , JNTUK-Kakinada	05/05/2014
11	Dr.K.Srinivasu, Professor & HOD in CIVIL, R.V.R & J.C, Chowdavaram,Guntur.	17/04/2014
12	Dr.M.Murali, Professor & HOD of Civil Engineering Department, VIGNAN University	15/03/2014
13	Dr. M.Ramarao, Professor in CIVIL, R.V.R & J.C, Chowdavaram,Guntur	15/03/2014
14	Dr.K.Srinivasu, Professor & HOD in CIVIL, R.V.R & J.C, Chowdavaram,Guntur	04/01/2014
15	Ms. Saradha V Varma, Krushi Infrass India Pvt, Ltd., Hyderabad	02/01/2014
16	Dr.A.Siva Sankar, Professor in CIVIL,RPAC Chairman, K.L.University, Vaddeaswaram, Vijayawada.	03/08/2013
17	Dr A.Srinivasa Prasad, Professor in CIVIL, R.V.R & J.C, Chowdavaram, Guntur	12/10/2012
<b>Computer science and Engineering</b>		
<b>S.No</b>	<b>Name of the Resource Person</b>	<b>Date of Visit</b>
1.	Prof. A.Balakrishnaiah Back Stage Pass, game design college, Hyderabad.	15-10-2011 & 16-10-2011
2.	Prof. E.Srinivasa Reddy ANU College of Engineering, Guntur.	27-02-2012
3.	Dr. M. Seetharam Prasad K L University, Vijayawada.	09-10-2012
4.	Sri M. Pompapathy RVR&JC College of Engineering, Chowdavaram,Guntur.	13-10-2012
5.	Prof. E.Srinivasa Reddy ANU College of Engineering, Guntur.	27-11-2013
6.	Mr. Vishal Bhargav Head, Avalia Learning, Bangalore.	06-01-2014
7.	Mr. M.Vamsi Synergy Services, Bangalore.	06-01-2014
8.	Mr. P. Balaji Synergy Services, Bangalore.	06-01-2014
9.	Mr. R.Vamsi Honey Labs	06-01-2014

10.	Mr. L. Vasuki Synergy Services	06-01-2014
11.	Mr.V.Prasad Synergy Services	06-01-2014
12.	Mr. Alluri Srinivasa Founder, Sandhata Technologies,UK	08-02-2014
13.	Dr. K.V.S.G.Murali Krishna JNTUK, Kakinada	22-07-2014
14.	Mr. Venna Nagarjuna Founder, BitSight Technologies,USA	26-07-2014
15.	Prof. A.Balakrishnaiah Back Stage Pass,game design college, Hyderabad	08-10- 2014
16.	Dr.G.V.R Prasada Raju JNTUK, Kakinada	15-09-2014
17.	Mr. Cracco Paolo Tessitura Monti India Pvt.Ltd	15-09-2014
18.	Mr. S.Y Kelkar Tessitura Monti India Pvt.Ltd	15-09-2014
19.	Mr. Vijay. S Tarkos Tessitura Monti India Pvt.Ltd	15-09-2014
20.	Mr. V.T.Reddy Head-SAP,Tech Mahindra ,Bangalore.	15-09-2014
21.	Mr. Mettu Anji Reddy MD,Marvell Infra. Banglore.	15-09-2014
22.	Mr. M.Kiran ATC Enterprizes Pvt.Ltd, Hyderabad	24-01-2015
23.	Mr. Vikas KR Chowdary HR,Akuva Infotech Pvt.Ltd. Banglore	29-01-2015
24.	Mr. Shailendar Paladi Technical Lead,IIC- Technologies, Hyderabad.	13-02-2015
25.	Mr. S.Ravikumar IIC- Technologies, Hyderabad.	13-02-2015
26.	Ms. Nirupama Asst.Tech.Lead,IIC- Technologies, Hyderabad.	13-02-2015
27.	Mr. Renil Komitla Yatra Genie Paxterra Software Solutions Pvt.Ltd, Banglore.	07-03-2015
28.	Dr. H.Kalyan Rao NRI Medical College, Mangalagiri	26-08-2015
29.	Mr.D.Venkata Reddy CEO,GEMSoft Technologies	26-08-2015
30.	Mr.Dileep Vaka SDE III,Flipkart,	26-08-2015

	Hyderabad.	
31.	Mr. K.Ravi Kumar National Manager-Technical Training,EDS Technologies, Bangalore.	23-09-2015
32.	Dr. M.Sridhar RVR&JC College of Engg., Chowdavaram,Guntur.	15-09-2015
33.	Mr Sridhar Gatpa Principal-Education & Research, Infosys, Bangalore	14-12-2015
34.	Mr.C.G.Jeevan Sr.HR,HGS, Bangalore.	19-01-2016
35.	Mr. Amaranadh Reddy IIT Kharagpur.	19-03-2016
<b>Electronics and Communication Engineering</b>		
1.	Mr.C.G.Jeevan Sr.HR of HGS, Bangalore	12-Feb-2015
2.	Dr.E. Srinivasa Reddy ANU, Dean	30-jan-2015
3.	Dr.P.Siddaiah ANU, Principal	17-Oct-2014
4.	Dr.G.Umamaheswara Reddy Professor, SV University	14-Mar-2014
5.	Mr.VLN Rao General Manager, BSNL Guntur	3-Mar-2013
6.	Dr.G. Tulasi Ram Das VC of JNTUK	3-Mar-2013
<b>Electrical and Electronics Engineering</b>		
1	Prof. D. Sleva Reddy Professor, LITAM, Sattenapalli.	04-02-16
2	Mr. K. Koti Reddy MD, Anil Power Systems and controls	21-12-15
3	Dr. K. Swarna Sri Professor, <b>RVR &amp; JC CE, Chowdavaram</b>	15-09-15
4	Dr. K. Chandrasekhar Professor, <b>RVR &amp; JC CE, Chowdavaram</b>	15-09-14

5	Mr.D RamaKrishna MD, Efftronics systems Pvt.Ltd.	13-02-2014
6	Dr.G. Tulasi Ram Das VC of JNTUK	3-03-2013
7	Mr.VLN Rao General Manager, BSNL Guntur	3-03-2013
<b>Mechanical Engineering</b>		
1.	D.S.S.Reddy, HR, Sri Venkateswara Gear Wheels	11-04-2016
2.	K.V.A.Praveen, HR, Sri Venkateswara Gear Wheels	11-04-2016
3.	A.Kiran, HR, Kirloskar Toyota Textile Machinery Pvt.ltd	4-05-2016
4.	C.V.Srinivas, Sr.Manager, Kirloskar Toyota Textile Machinery Pvt.ltd.	4-05-2016
5.	Akash.S.Kulakarni, CAE Engineer, Akuva Infotech Pvt.Ltd	23-02-2016
6.	Biksh Kumar Sena, Design Engineer, Akuva Infotech Pvt.Ltd.	23-02-2016
7.	Sabareesan R, HR, VEE Technologies.	22-12-2015
8.	Vivek T, Technical specialist EDS Technologoies	14-12-2015
9.	Vivek T, Technical specialist EDS technologoies	05-10-2015
10.	S. Ravi Kumar, HR IIC Technologies Ltd.	10-08-2015
11.	Sonu Kumar J, Design Engineer, Akuva Infotech Pvt.Ltd	29-01-2015
12.	Vikash Kumar Choudhary, Design Engineer Akuva Infotech Pvt.Ltd.	29-01-2015
13.	Dr. G.V.R Prasada Raju JNTUK, Kakinada	15-09-2014
14.	Mr. Cracco Paolo Tessitura Monti India Pvt.Ltd	15-09-2014
15.	Mr. Venna Nagarjuna USA	26-07-2014
16.	Dr.K.V.S.G. Murali Krishna JNTUK, Kakinada	22-07-2014
17.	Mr. M.Srinivas Manavatha	08-02-2014



18.	Mr. Vishal Bhargav Avalia Learning	06-01-2014
19.	Mr. M.Vamsi Synergy Services	06-01-2014
<b>Science and Humanities</b>		
1	Dr.A.Chiranjeevi Soft skills expertise	28/07/2016
2	Sri. Subba rao Sub- Inspector of police	23/1/2016
3	Mr.Sarath Soft skills expertise	4/1/2016 to 6/1/2016
4	Mr.Hanumantha Reddy Engineer	14/10/2015
5	Dr.E.Srinivasa Reddy Dean	28/8/2015
6	Mr.Bhaskara Rao Asst Superintendent of police	21/8/2015
7	Prof.G.S. Murthy Retd Director Professor	20/8/2015
8	R.J.K.Kennedy Expert	6/8/2015
9	Mr.Sanjay Joshi technical operations Head	12/6/2015
10	T.Srinivasa Rao ADE	25/3/15
11	Komitla Renil CEO. PAXTERRA	8/3/2015
12	V.Nagarjuna CEO	26/7/2014
13	Ms.Sarada Varma CEO	2/1/2014

- ❖ Well experienced resource persons are invited to the institution for the short term training programs to deliver special lectures and make remarks on recent trends, innovative practices and teaching methodologies.
- ❖ Encouragement to the faculty members to collaborate with renowned professors of reputed institutions for their research activities and current innovations.
- ❖ External experts are regularly warm welcomed by the college to enlighten the research scholars and students on advanced and emerging trends in research areas.

**3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities?**

**How has the provision contributed to improve the quality of research and imbibe research culture on the campus?**

- As KHIT is established in 2010, the sabbatical leave was not utilized by any staff member. However, other Special Leaves and Study Leaves were approved to the staff those who are doing their research. Special permissions also will be given to meet the research supervisors.

**3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)**

- It is mandatory and obligatory for a student to give seminars on project work during project reviews.
- The findings of the students' projects are shared with the other student community through presentations and viva voce examinations.
- At every seminar / conference organized by the college, a minimum of two sessions are set aside for poster / oral presentation by young researchers to showcase their work. These sessions serve as a knowledge platform for dissemination of research activities.
- Registration fee is reimbursed by the college to the faculty and the students for their participation and presenting research papers at national and International conferences.
- The latest research articles, methodologies and trends available at institute and university level is shared among the students and the faculty members.
- Department-wise reserve based on intake is done in the annual budget to carryout R&D and student project works.

**3.2 Resource Mobilization for Research****3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.**

- The Departments while preparing their yearly budget earmark a certain percentage for promotion and sustaining research activities.
- The management scrutinizes the annual budget and emphasizes on the importance of research in the development of the organization and allocates a portion of the budget for the research activities.

- Concentrates on establishing and developing research infrastructure.
- Pays attention in collection and obtaining of research literature. Subscribing to e-journals.

**THE DETAILS OF BUDGET (in Rs.) EARMARKED FOR R&D**

S.No	Department	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
	<b>Total budget allocated</b>	<b>1,00,000</b>	<b>3,00,000</b>	<b>4,00,000</b>	<b>5,00,000</b>	<b>6,00,000</b>
1	S & H	10,000	25,000	25,000	25,000	50,000
2	CE	15,000	50,000	75,000	1,00,000	1,00,000
3	EEE	10,000	50,000	50,000	50,000	50,000
4	ME	15,000	50,000	50,000	1,00,000	1,00,000
5	ECE	25,000	75,000	1,00,000	1,25,000	1,50,000
6	CSE	25,000	50,000	1,00,000	1,00,000	1,00,000

**3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?**

- There is a facility in the Institution to cater seed money to faculty for research.

**3.2.3 What are the financial provisions made available to support student research projects by students?**

- The students are encouraged to go ahead with their research projects and limited financial aid is provided from the Institute. Socially relevant and deserving projects are supported by the management to varying degrees – sometimes up to 100%.
- The departmental project committees scrutinizes the project proposals and recommend for financial assistance to relevant suitable project proposals. First preference is given to the students in II semester of the Final year for financial assistance.

**3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.**

- The college R&D committee always gives a lot of encouragement to faculty to indulge in inter-disciplinary research. Faculty has published inter-disciplinary research papers in reputable journals.

### 3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

- The Institute has a well-facilitated library which includes latest textbooks as well as reference books of all subjects and disciplines. The institute purchases recent editions of books every year.
- Laboratories of every department are fully equipped with the state-of –the art infrastructure and accessories.
- The equipment is serviced and maintained regularly either by the lab technician or by the service personnel authorized by the manufacturer.
- Net connectivity is available in all the departments to help the faculty to review their academic as well as research programs. Institute also makes sure that the deserving students should be privileged to use the equipment, books, Journals and labs. Central Library is opened additionally more than scheduled college timing and also during winter/summer vacations.

#### **Optimal use of equipment and research facilities are ensured by:**

Maintaining Log books and usage registers.

- ❖ The Funded Project Cell discharges its functions regarding the research activities and suggests to utilize various resources and facilities for research.
- ❖ Students and Faculty are given free hand and funding to publish papers using advanced equipment and software available in the concerned departments.
- ❖ Transportation facility is made available for the faculty and the students who are interested in the research.
- ❖ A healthy research environment is provided in the Central Library where the necessary national and international journals, e-books and reference books are made available to the students even after the college hours to quench their thirst of research.
- ❖ Students are encouraged and supported to undertake projects and publish
- ❖ Papers in the areas of Information Security, Cloud Computing and Mobile Application Development through the Mobile Computing Research laboratory.

### 3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If yes give details.

- Yes. Based on the expected outcome and benefits of the project work, the departments approach the industry/ beneficiary agency for funds to carry out the project.

Moreover, the institute has signed MOUs with some industries and other agencies for enhancing training, research and elaborative activities in technical education. Also, Research proposals are submitted to various funding agencies for funding.

<b>DEPARTMENT OF MECHANICAL ENGINEERING</b>						
<b>Sl.No.</b>	<b>Client</b>	<b>Project title</b>	<b>Duration</b>	<b>Project value</b>	<b>Income Generated</b>	<b>Faculty involved</b>
1	Kallam Spinning Mills, Guntur	Machine Maintanance	Jun 2014- May 2015	Rs. 25,000/-	Rs. 25,000/-	Mr.D.Srinivasulu & Mr.Y.Pratap Reddy
2	Kalpataruvu Spinning Mills, Chilakaluripet	Machine Maintanance	Jun 2014- May 2015	Rs. 20,000/-	Rs. 20,000/-	Mr.D.Srinivasulu & Mr.Y.Pratap Reddy

<b>DEPARTMENT OF ELECTRONICS &amp; COMMUNICATION ENGINEERING</b>						
<b>Sl.No</b>	<b>Client</b>	<b>Project title</b>	<b>Duration</b>	<b>Project value</b>	<b>Income Generated</b>	<b>Faculty involved</b>
1	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Oct 2014 (1 month)	2.25 Lakhs	2.25 lakh	Dr. K.V.Ramprasad Mr. B.Ramachandraiah
2	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Aug 2015 (1 month)	2.5 Lakhs	1 lakh	Dr. K.V.Ramprasad Mr. B.Ramachandraiah Mr.Y.Murali Krishna

<b>DEPARTMENT OF COMPUTER SCIENCE ENGINEERING</b>						
<b>Sl.No</b>	<b>Client</b>	<b>Project title</b>	<b>Duration</b>	<b>Project value</b>	<b>Income Generated</b>	<b>Faculty involved</b>
1	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Oct 2014 (1 month)	2.25 Lakhs	2.25 lakh	Dr. B.Tarakeswara Rao K.Venkat Rao
2	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Aug 2015 (1 month)	2.5 Lakhs	1 lakh	Dr. B.Tarakeswara Rao B.Satyanarayana Reddy

**3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.**

The institute possesses several senior faculty members with a plenty of research experience. They guide the other faculty members in formulating the research proposals. Subsequently, the research proposals are sent to various funding agencies for acceptance.

Nature of the Project	Duration Year		Title of the project	Total Grant		Total grant received till date
	From	To		Sanctioned	Received	
NIL						

**3.3 Research Facilities**

**3.3.1 What are the research facilities available to the students and research scholars within the campus?**

- Completing the research project is a part of curriculum for UG and PG students of the institution. Facilitating the students in new realms of innovation, motivating them and providing other support structures are made available to the students.
- High speed internet access, printer and photocopy facility is made available to the faculty who are involved in research. The college provides both the national and international journals in various fields.
- Departmental laboratories are fully equipped with high end instruments and instruments to carry out the basic and advanced research.
- Each student will be provided with computing facility with full pledged software and hardware facilities to carry out his/her project work on the campus. Qualified faculty is always ready to guide the students in their project work.
- Uninterrupted power supply is provided with the help of inverters and generators to carry out the research. Library is providing the facility of access to e- journals and opened after the college timings to complete the project work.
- Internet connectivity of 100 Mbps speed is made possible to students for 24\*7 hours with wi-fi connectivity.

**Facilities available at the college include the following:**

Various software and equipment available to carry out research are as follows:

- Digital conductivity meter.
- Digital turbidity meter
- Digital pH meter
- Digital colorimeter.
- Electric water bath
- Digital electronic balance
- Water quality analyzer.
- Compression testing machine
- Universal testing machine
- Triaxial test
- Unconfined compression test
- Total station
- Spectrum analyzer.
- Digital storage oscilloscopes
- Digital/analog ic tester.
- Android development tool –eclipse
- Spartan kits
- Tina pro
- Spectrum analyzer
- Digital storage oscilloscopes. Digital/analog ic tester. Vertex 5 platform.
- CNC xl turning machine.
- CNC xl milling machine.
- Matlab 2015b.
- Android development tool – eclipse.
- Microsoft windows server 2008
- Ubuntu server.
- Spectrum analyzer.
- Multisim.
- Ansys-14.5
- Edge cam
- Metallurgical microscopes

- Universal testing machine
- Hardness testers
- Measurement of thermal conductivity of a material
- TIG welding set up
- Resistance braze welding set up
- Tool makers microscope

### **3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?**

**Institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers are:**

- ❖ Each department prepares a budget for laboratory requirements and other equipment required for upgrading or including new equipment to the existing facilities to enrich the work environment.
- ❖ After the management's approval of the proposal, the purchase of the new equipment is initiated and completed eventually.
- ❖ The inventory of the existing stock is taken at the end of the academic year and the maintenance and repairs are undertaken to keep the lab in proper condition.
- ❖ The subscription for e and print journals is renewed and new subscriptions are taken up to meet the reference requirements of the research.
- ❖ Encouraging faculty members to organize research workshops, seminars, Conferences, with funding internally and from AICTE/UGC/DST/DRDO.
- ❖ The College Research Committee is always in touch with the updates of the recent trends in the research oriented programmes.
- ❖ Fruitful completion of research programmes leads to appreciation and academic career building.
- ❖ Senior faculty members are advised to visit the reputed laboratories and project areas to know the latest developments in the research.

The infrastructure is provided to the under graduate and post graduate students to stick firmly to the norms issued by the affiliating University i.e. JNTUK. The pro-active management is curious to provide research equipment as per the necessity of the approved projects in the latest and emerging areas of research.



**3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If "yes", what are the instruments / facilities created during the last four years**

Refer 3.2.6 and 3.2.7

**3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?**

In the regard to this there are no such facilities, but the college has signed MOUs with industries and also opens up avenues for students to take up guidance from industrial engineers for their research and also to use the equipment and other recourses available in the organization.

**3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?**

The college comprises an information resource centers (Library and Internet Centre) to cater to the necessities of researchers. The facilities are:

- ❖ A central library and departmental libraries with well stacked books and journals apt for research.
- ❖ E-journals and a large collection of e-books.
- ❖ Personal computers with high speed internet are provided to the Library users.
- ❖ A committed Internet browsing centre for students and faculty.

**THE INFORMATION RESOURCES AVAILABLE IN THE LIBRARY ARE**

Titles	:	2821
Reference Books	:	1700
Back Volumes	:	125
Volumes	:	16,346
Daily Newspapers	:	3
CD Titles	:	300
e-books	:	534
Print Journals	:	73
Journals	:	50 (DELNET)
Magazines	:	11

**Digital Library**

Number of Computer : 20

Broad Band Internet Connectivity: 100 Mbps

Media Resource Centre: Reprographic facility

**3.3.6 What are the collaborative research facilities developed/ created by the research institutes in the college? For ex. Laboratories, library, instruments, computers, new technology etc.**

- ❖ The College has MOUs with different industries and foresees to have a connection with research institutes for collaborative research in the near future.

**3.4 Research Publications and Awards**

**3.4.1 Highlight the major research achievements of the staff and students in terms of**

- ❖ Patents gained and filed (process and product)
- ❖ Original research aiding to product improvement
- ❖ Research studies or surveys benefiting the community or improving the services
- ❖ Research inputs highly paving a way to new initiatives and social development
- ❖ Patents obtained and filed (process and product)
- ❖ Research studies to benefit the community and to improve the services are made and following publications are the results.

<b>Faculty Publications</b>		
<b>Academic Year</b>	<b>Total Number of Publications in Journals</b>	<b>Total Number of Publications Conferences</b>
2011-12	22	2
2012-13	9	2
2013-14	21	2
2014-15	54	3
2015-16	64	5

<b>Students Publications</b>		
<b>Academic Year</b>	<b>Total Number of Publications in Journals</b>	<b>Total Number of Publications Conferences</b>
2011-12	--	--
2012-13	--	10
2013-14	--	8
2014-15	--	12
2015-16	--	20

### **Research inputs contributing to new initiatives and social development**

- ❖ Research inputs are allocated to the young generation to know the opportunities ahead for them, and thereby raise their enthusiasm, expectations and aspirations for achieving higher standards of life.

### **3.4.2 Does the Institute publish or partner in publication of research journal(s)? If “yes” indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?**

The Institute is planning to start a research journal from the next academic year onwards.

### **3.4.3 Give details of publications by the faculty and students:**

- Publication per faculty
- Number of papers published by faculty and students in peer reviewed journals (national / international)
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers

- Citation Index
- SNIP
- SJR
- Impact factor
- h-index

### **PUBLICATION PER FACULTY**

Number of papers published by faculty and students in peer reviewed journals (National / International)

S.No.	Publication Details	2011-12	2012-13	2013-14	2014-15	2015-16
1	No of Publications by faculty members in National/International Journals	39	24	27	56	86
2	No of Publications by faculty members in National/International Conferences	4	3	2	8	8
3	No of Publications by Student in National/International Journals	--	--	--	--	4
4	No of Publications by Student in National/International Conferences	--	--	--	--	--
5	No of Publications by Student in various symposia	--	26	27	11	27

#### **Monographs**

- ❖ Faculty has prepared laboratory manuals for all the practical courses handled by them. In addition, for theory subjects question banks with key for all the subjects were prepared as course material.

#### **Books with ISBN/ISSN numbers with details of publisher: NIL**

Publications	CE	CSE	ECE	EEE	ME	S&H
<b>2015-16</b>						
<b>International Journals</b>	16	8	14	24	23	1
<b>International</b>	5	--	--	--	3	--

Conferences						
<b>2014-2015</b>						
<b>International Journals</b>	7	23	4	10	5	7
<b>International conferences</b>	3	--	--	--	4	1
<b>2013-2014</b>						
<b>International Journals</b>	1	5	3	15	3	--
<b>International conferences</b>	2	--	--	--	--	--
<b>2012-2013</b>						
<b>International Journals</b>	1	--	3	8	5	7
<b>International conferences</b>	2	--	--	--	1	--
<b>2011-2012</b>						
<b>International Journals</b>	4	1	7	18	9	--
<b>International conferences</b>	2	--	--	--	2	--

**Provide details (if any) of**

- ❖ Research awards bagged by the faculty
- ❖ Recognition received by the faculty from magnificent professional bodies and agencies, nationally and internationally: NIL
- ❖ Incentives given to faculty for receiving state, national and international recognitions for research contributions.
- ❖ Research awards received by the faculty : NIL
- ❖ Incentives are given to faculty for receiving state, national and international recognitions for their research contributions.

### **3.5 Consultancy**

#### **3.5.1 Give details of the systems and strategies for establishing institute-industry interface?**

The Training and Placement cell is functioning in this area. This cell is responsible for maintaining liaison with corporate houses to arrange the following:

- **Summer Internships**

S.No.	Department	Year	Name of the Industry	No. of students
1	Civil	2015-16	1.IITKGP, Kharghpur	1
			2.Ramky Infra Ltd., Hyderabad	2
			3.Panchayatraj Circle office, Guntur	8
			4.Panchayatraj Circle office, Sattenapalli	9
		2013-14	5. R&B Department, Guntur	4
2	ECE	2014-15	1.BHEL, Hyderabad	2
			2.ECIL,Hyderabad	10
		2015-16	1.BHEL, Hyderabad	1
			2.ECIL,Hyderabad	3
3	EEE	2015-16	BHEL, Hyderabad	7
4	MECH	2015-16	1.TATA motors, Ongole	1
			2.South Central Railways, Vijayawada	1
			3.Lakshmi Ford, Auto Nagar, Guntur	2
			4.Ashok Leyland Pvt. Ltd ,Chennai	8

- **Campus Recruitment Drive – on campus, off campus and pooled campus**

- The placement cell coordinate with the students in participating in job fairs across the states of Andhra Pradesh and Telangana. Placement Officers liaison with the HR departments of different companies. The institute always maintains a link with alumni for placement procedures. CVs of eligible students are mailed to different companies directly through the placement cell.

S.No	Organization	Activity
1	Globarena Software Solutions, Bangalore	For e-learning classes from JNTUK & Other Universities

- **Arranging for consultancies**

**3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?**

The institute approves consultancy works to be done with outside agencies/industries to offer solution to industrial problems through sharing of proficiency. Expertise is advocated and publicized in the following manner:

- ❖ Training & Placement cell while their interaction with different industries, looks for the possibility of association.
- ❖ Major areas of know-how are advertised through departmental homepage in the college website and also through technical proceedings/activities.
- ❖ The work carried out is given publicity in the state wide and region wide dailies.
- ❖ The socially relevant projects are telecasted in the reputed news channels also.

**3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?**

- The Institute gives a freehand in all aspects to provide a lot of encouragement to the staff for deployment of all human resource. Faculty can use infrastructural facilities to enhance cooperation with industries/companies so as to strengthen the ties between the two in a very supple manner by which the consultancy services attains reinforcement.
- The college provides a key support to the professionally qualified faculty to make the most of their expertise for consultancy services with the authorization of the institute. This helps in promoting and prospering collaboration with industry/companies. In return, the students get a prospect to call on these companies and the placement progression is, thus, arranged.

**3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.**

The Consultancy is provided by the college faculty only on the voluntary basis and the revenue is created is given below.

<b>DEPARTMENT OF MECHANICAL ENGINEERING</b>						
Sl.No.	Client	Project title	Duration	Project value	Income Generated	Faculty involved
1	Kallam Spinning Mills, Guntur	Machine Maintanance	Jun 2014- may 2015	Rs. 25,000/-	Rs. 25,000/-	Mr.D.Srinivasulu & Mr.Y.Pratap Reddy
2	Kalpataruvu Spinning Mills, Chilakaluripet	Machine Maintanance	Jun 2014- may 2015	Rs. 20,000/-	Rs. 20,000/-	Mr.D.Srinivasulu & Mr.Y.Pratap Reddy

<b>DEPARTMENT OF ELCTRONICS AND COMMUNICATION ENGINEERING</b>						
S.No.	Client	Project title	Duration	Project value	Income Generated	Faculty involved
1	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Oct 2014 (1 month)	2.25 Lakhs	2.25 lakh	Dr. K.V.Ramprasad Mr. B.Ramachandraiah
2	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Aug 2015 (1 month)	2.5 Lakhs	1 lakh	Dr. K.V.Ramprasad Mr. B.Ramachandraiah Mr. Y.Murali Krishna

<b>DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING</b>						
S.No.	Client	Project title	Duration	Project value	Income Generated	Faculty involved
1	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Oct 2014 (1 month)	2.25 Lakhs	2.25 lakh	Dr.B.Tarakeswara Rao V.Venkat Rao
2	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Aug 2015 (1 month)	2.5 Lakhs	1 lakh	Dr.B.Tarakeswara Rao B.Satayanarayana Reddy



<b>DEPARTMENT OF CIVIL ENGINEERING</b>				
<b>S.no</b>	<b>Clint Name</b>	<b>Testing On Samples</b>	<b>Testing</b>	<b>Cost</b>
1	Kallam Agro Products Oil Mill	Concrete Cubes	21/09/2012	1200-
2	Kallam Agro Products Oil Mill	Concrete Cubes	25/08/2012	900-00
3	Kallam Agro Products Oil Mill	Concrete Cubes	18/08/2012	750-00
4	Kallam Agro Products Oil Mill	Concrete Cubes	16/08/2012	600-00
5	Kallam Agro Products Oil Mill	Concrete Cubes	10/08/2012	900-00
6	Kallam Agro Products Oil Mill	Concrete Cubes	10/08/2012	750-00
7	Kallam Agro Products Oil Mill	Concrete Cubes	10/08/2012	750-00
8	Kallam Agro Products Oil Mill	Concrete Cubes	02/08/2012	600-00
9	Kallam Agro Products Oil Mill	Concrete Cubes	30/07/2012	450-00
10	Kallam Agro Products Oil Mill	Concrete Cubes	24/07/2012	600-00
11	Kallam Agro Products Oil Mill	Concrete Cubes	21/07/2012	600-00
12	Kallam Agro Products Oil Mill	Concrete Cubes	21/07/2012	600-00
13	Kallam Agro Products Oil Mill	Concrete Cubes	13/07/2012	450-00
14	RSK.Raju	Concrete Cubes	20/12/2013	1518-
15	RSK.Raju	Steel Bars Testing	13/11/2013	3707-
16	A.P State Housing Corporation	Concrete Cubes	31/08/2013	450-00
17	A.P State Housing Corporation	Concrete Cubes	30/08/2013	450-00
18	A.P State Housing Corporation	Concrete Cubes	07/09/2013	450-00
19	RSK.Raju	Concrete Cubes	06/09/2013	1350-
20	Kallam Agro Products Oil Mill	Concrete Cubes	13/07/2013	450-00
21	Kallam Agro Products Oil Mill	Concrete Cubes	13/07/2014	600-00
22	Kallam Real	Survey(Road&Drain)	12/11/2014	3000-
23	Kallam Real Estate(Nallapadu)	Survey(Road&Drain)	09/12/2014	3000-
24	Kallam Engg	Soil Testing	19/12/2014	3000-
25	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	18/11/2015	9450-00
26	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	18/11/2015	3600-00
27	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	17/11/2015	8550-00
28	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	17/11/2015	4000-00
29	Srinivasa Edifice Pvt.Ltd(Rajiv Gruhakalpa)	Concrete Cubes	12/08/2015	1800-00
30	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	13/10/2015	4500-00
31	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	13/10/2015	2700-00
32	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	13/10/2015	3150-00

33	Endo Life Hospital	Concrete Cubes	17/07/2015	450-00
34	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	01/07/2015	7200-00
35	Srinivasa Edifice Pvt.Ltd(Rajiv Gruhakalpa)	Concrete Cubes	23/06/2015	1350-00
36	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	17/06/2015	2250-00
37	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	02/06/2015	1800-00
38	Srinivasa Edifice Pvt.Ltd(Rajiv Gruhakalpa)	Concrete Cubes	22/04/2015	4000-00
39	Srinivasa Edifice Pvt.Ltd(Rajiv Gruhakalpa)	Concrete Cubes	16/05/2015	1800-00
40	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	16/05/2015	5850-00
41	Srinivasa Edifice Pvt.Ltd(Rajiv Gruhakalpa)	Soil Testing	05/05/2015	2000-00
42	Srinivasa Edifice Pvt.Ltd(Rajiv Gruhakalpa)	Concrete Cubes	06/05/2015	1800-00
43	Sarvani Pvt Ltd (Rajiv Gruhakalpa))	Concrete Cubes	24/04/2015	450-00
44	Sarvani Pvt Ltd (Rajiv Gruhakalpa))	Soil Testing	24/04/2015	4800-00
45	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	17/04/2015	8100-00
46	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	17/04/2015	1600-00
47	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	11/04/2015	3000-00
48	Dsp Infra Tech Pvt Ltd	Steel Bars Testing	11/04/2015	600-00
49	Dsp Infra Tech Pvt Ltd	Steel Bars Testing	25/03/2015	600-00
50	Srinivasa Edifice Pvt.Ltd(Rajiv Gruhakalpa)	Concrete Mix Design	12/03/2015	8800-00
51	Srinivasa Edifice Pvt.Ltd(Rajiv Gruhakalpa)	Concrete Cubes	12/03/2015	900-00
52	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Mix Design	6/02/2015	4000-00
53	N.Veeranjaneyulu	Concrete Cubes	20/05/2015	450-00

54	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	02/01/2016	4500-00
55	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	02/01/2016	4500-00
56	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	09/02/2016	6300-00
57	Velco Infra Tech Pvt Ltd(Rajiv Gruhakalpa)	Concrete Cubes	09/02/2016	6300-00
58	Srinivasa Edifice Pvt.Ltd(Rajiv Gruhakalpa)	Concrete Cubes	07/04/2016	900-00
59	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	18/04/2016	6750-00
60	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	18/04/2016	6750-00
61	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	14/05/2016	6300-00
62	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	14/05/2016	9000-00
63	K.Venkateswara Reddy(Rajiv Gruhakalpa)	Concrete Cubes	14/05/2016	11700-00

### **3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?**

- As stated in 3.5.4, the Consultancy is provided by the college faculty only on the voluntary basis and the revenue is produced from the same.

## **3.6 Extension Activities and Institutional Social Responsibility (ISR)**

### **3.6.1 How does the institution promote institution-neighbourhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?**

- ❖ The institute is always paying concern to prosper the neighborhood community network by handling the following activities.
- ❖ The extension activities of the college ensure that students are exposed to the social needs and their social responsibilities.
- ❖ Institution is always ready to expose the students in society so that they can gain the practical knowledge which will help them in realistic application.

- ❖ The NSS activities play a major role in involving the students in community related work.
- ❖ The Institute has NSS Unit with a total vigor of 100 volunteers joined for two years of regular social service and conducts several social service activities and community highlighting programmes which inculcate social responsibility and service in the minds of students.
- ❖ NSS Unit organizes a Special camp every year for 7 days in nearby adopted village to create awareness among the village people about health education, literacy and traffic.
- ❖ Students by themselves formed their own networks (FLY, MAD) for social and environmental causes and this has gained much publicity in the region. Ultimately it leads to the overall development of the students of KHIT.
- ❖ Regular blood donation camps bring awareness to students about the value of life and shaping them into dependable individuals with high level of responsibility and cater the need of the national and global challenges.
- ❖ Programs of road-safety and ill-effects of alcoholism for students through NSS make them responsible citizens of the society.
- ❖ Swatch Bharath campaign was organized by the students to maintain hygienic atmosphere in the surrounding neighborhood villages and they actively participated in the role-plays which demonstrate wastage of water, sanitation and other public safety measures.
- ❖ Career & Guidance Cell of the college creates self-confidence to the students. The cell interacts frequently with students and clear the doubts related to academic and career oriented matters of the students.
- ❖ The college has established Entrepreneurship Development Cell (EDC). The objectives of the cell are developing entrepreneurial spirit, innovative thought process, character and personality among students. Career guidance counseling is also set up to build up self confidence and clarifies the doubts related to career oriented and academic issues.
- ❖ Developing technical, technological and professional competency needed for employment and productive work. Managerial abilities to carry out commerce or self-employment activity successfully.
- ❖ Participating in various sports activities develop the sportsman-ship, leadership qualities, team work and contributes to the holistic development of the students.

### **3.6.2 What is the Institutional mechanism to track students involvement in various social movements / activities which promote citizenship roles?**

- ❖ In order to improve the student participation in social activities, the institution takes up many measures and takes the help of the social activists through which the students involve in various social activities.
- ❖ Students actively enroll themselves in different clubs organized by the institution based on their inclination and involvement.
- ❖ The club coordinators monitor and get the information from the students about the area they are interested in and estimate the student activity which finally benefits the societal welfare.
- ❖ Many students are the members of different blood donation organizations and actively participate in the charitable activities.
- ❖ Students actively participate in different sports and games activities. Their achievements are regularly recorded by the physical director.
- ❖ Students are participating in lead India, swatch bharath abhiyan and other literacy programs.

### **3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?**

- ❖ The institution values the views and opinions of both the internal (governing council members, staff members, students etc.) and external (Parents, Community partners, public, or private sectors) stakeholders
- ❖ Feedback from students on academics and other facilities is obtained on a regular basis and put into the use for the progression of the institute.
- ❖ Faculty ideas and opinions are perceived through departmental meetings and the same remarks will be analyzed in the weekly meetings with the Principal, Director of the institution.
- ❖ Formal interaction with the parents and continuous meeting with the class teachers and mentors and the heads of the departments give a valuable source of information to strive for the development of the institution.
- ❖ The alumni feedback is solicited during alumni meet.
- ❖ Occasional performance reports are being forwarded to the stakeholders with medium of web publication and letters.

- ❖ The employers' constructive criticisms and remarks are welcomed and judiciously put into practice for the up-liftment of the institution

A consolidation of the above feedbacks encompasses the perception of all the stakeholders on the overall quality and growth of the institution and this perception is accepted, analyzed and mechanisms arrived at and put into practice for enhancing the eminence of the Institution.

### **3.6.4 How does the institution plan and organize its extension and outreach programmes?**

#### **Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students**

- ❖ The college NSS unit regularly organizes a number of outreach activities like academic, social, cultural, community service etc., the financial requirements are met by the management as and when the programs are planned.
- ❖ The NSS unit has organized triumphantly several blood donation camps and tree plantation campaigns, safe driving, yoga day celebrations, social awareness programs, computer awareness programs, exhibitions and health awareness programs.
- ❖ These programs improve and inculcate the moral and ethical values of the students in doing different social and cultural activities. Many students have visited old age homes, orphanages.

### **3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International agencies?**

The college promotes the enrichment activities not only through NSS, and also by the Eco club. Every club is monitored by the coordinator and the additional staff is given to the club to help in the conduct of the club activities. The information about the proposed activities is disseminated on the notice board, circulars, web notifications, and also through oral interaction / briefing by the concerned section in charge. Every student selects a club and enrolls in that.

National festivals like Independence Day and Republic day are conducted in a large scale with the student cooperation.

Students improve their leadership qualities, team building, adaptability and awareness on social illness by participating in these kinds of extension activities.

### 3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

KHIT is striving to promote social justice and sincerely practices state social affirmative schemes introduced by the government for providing higher education to under privileged communities.

- ❖ College conducts computer awareness programs and energy saving measures to the villagers.
- ❖ The NSS unit actively participates in a one-day special camp program for maintaining healthy and hygienic conditions in Dasaripalem village.
- ❖ College caters the needs of improving opportunities for personality development through training and placement cell.
- ❖ The college NSS unit has been organizing society welfare functions every semester. NSS training gives the students enough moral and ethical strength to face challenges and emergencies in day to day life.

#### NATIONAL SERVICE SCHEME EVENTS

S.No.	Date	Activity/Event	Conducted By	Venue
1	11/05/2014	DONATION FOR HUDHUD VICTIMS	KHIT	KHIT
2	14/10/2014	SWACHH BHARAT	KHIT	KHIT
3	15/10/2014	Medical Camp	KHIT	KHIT
4	01/11/2014	Blood donation for Red Cross Society	KHIT	KHIT
5	10/03/2015	SWACHH BHARAT	KHIT	DASARIPALEM
6	20/10/2015	Tree plantation	KHIT	KHIT
7	01/11/2015	Blood donation for NEEDS	KHIT	KHIT
8	01/11/2015	Blood donation for GGH	KHIT	KHIT

9	23/01/2016	Road Safety time for action	KHIT	KHIT
10	16 <sup>th</sup> to 18 <sup>th</sup> June 2016	YOGA SIBIRAM	KHIT	KHIT
11	21/06/2016	International Yoga Day	KHIT	KHIT
12	16/07/16	Inkudu Guntalu	KHIT	KHIT
13	29/07/2016	Vanam Manam Program	KHIT	KHIT
14	12 <sup>th</sup> to 23 <sup>rd</sup> Aug 2016	Volunteers for KRISHNA PUSHKARALU	KHIT	Guntur Bus stand and Vijayawada



**SWATCH KHIT**



**HUDUDH Donation  
by KALLAM Group**



**BLOOD DONATION CAMP AT KHIT**



**TREE PLANTATION in  
KHIT by Staff & Students**



### **3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.**

#### **Objectives of the Extension Activities**

The objectives of the extension programs are:

1. Exposing students to the real life situations
  2. To teach the students to balance academic skills and social responsibilities
  3. To bring awareness among the students about the need to support under-privileged in the society.
- Students are able to grasp the academic experience, values and ethics by these elaborative activities organized by each department of the institution. These activities are providing knowledge, lively environment and quality education to all the sections of the society.
  - Its main intention is to cater advance view with contemporary developments without stepping back in aspects of ethical values. To facilitate knowledge and quality based education to the students by improving moral values, scientific zeal and deploying state of the art technologies. It focuses on following brilliance towards creating manpower with high amount of intellectual, professional and cultural development to handle the national and global challenges.

#### **Outcomes of the Extension Activities**

The extension programs are really changing the mindset of the students. Students get exposure to the societal needs and realize the worth of the circumstances from which they hail. This awareness stimulates the students to extend their helping hand in providing financial aid to the down trodden. NSS programs provide the values in:

- ❖ leadership qualities
- ❖ health and hygiene
- ❖ National integrity
- ❖ Adoptability
- ❖ Social overhaul
- ❖ Conservation and ecological protection.
- ❖ Guidance in fire fighting.

**3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?**

- ❖ The extension activities are designed to promote direct interaction between the students and the community. The NSS camps pave way for the rural student community to interface with professional college students.
- ❖ Programs like blood donation campaigning and energy conservation and other awareness programs are organized to bring in the general public to the institution.
- ❖ Widespread local participation is observed during tree plantation, blood donation etc. the former students association is also taken part in all these expansion activities.
- ❖ The institution plays an important role to create awareness in the society about societal and existing problems like female feticide, dowry system, environment protection, consumer defense know-how, anti bribery, HIV awareness, anti tobacco and cleanliness etc.
- ❖ The invitation extended to parents / guardians either for a formal meeting or for informal visits during college Annual day celebrations ensures a special type of community interaction.
- ❖ Timely survey is conducted to test out the feedback and enhancement in society. Seminars, individual discussion and group discussion are conducted to resolve these problems.

**3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.**

Right from the inception of KHIT, it is maintaining a healthy and dynamic rapport with the other organizations and institutions of the county. The blood donation camps are arranged with the help of a great contribution taken from reputed hospitals and clubs. The NSS unit harmonizes all its activities under the rules of the University. The unit systematizes tree plantation, village cleanliness, awakening activities like, atmospheric pollution, sound, effects of pesticides on human life etc.

**3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years**

NIL

### 3.7 Collaboration

#### 3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

The institute supports various modes of collaboration with the other institutions and industry. With this facility, the departments take the liberty to keep in touch with the concerned industries and organizations of the relevance of their subject area. The management gives a free hand to the faculty to explore organizations by:

- Deputing faculty members for introduction to industrial practices
- In plant guidance and industrial visits for students.
- Guest lectures by industry experts on classy technologies
- Faculty is paid a visit to other named Universities and Institutes of elevated learning for attending updated courses.

#### 3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

The institute has signed MOU with outside corporate houses to accomplish activities like training, placement, improvement of training facilities for students, guest lectures, partaking in technical events and highly developed learning. Major collaboration given as a provision with industries is:

- ❖ Mission 10X Learning Approach
- ❖ Academic bond with Oracle for ASP official recognition courses.
- ❖ The college has signed MoUs with quite a lot of industries for faculty and student interface that helps reciprocated growth.

#### LIST OF MOUs

S.No.	Name of the Company	Area of Industry
1	Ramky Group, Hyderabad	Infrastructure
2	SP Group, Hyderabad	Software & Embedded Systems
3	Krushni Infrac India Pvt Ltd., Hyderabad	Construction
4	Abhiram Infra Projects Pvt Ltd., Hyderabad	Infrastructure
5	Nirmala Infra Projects India Pvt Ltd., Hyderabad	Infrastructure

6	Sai Dhathri Infra Tech India Pvt Ltd.,	Infrastructure
7	Efftronics System Pvt Ltd., Vijayawada	Electronics & Communications
8	Marvel Infra Builders Pvt Ltd., Bangalore	Infrastructure
9	Anuta Networks Pvt Ltd., Bangalore	Software
10	Tessitura Monti Pvt Ltd., Mumbai	Cloth Manufacturing
11	Paxterra, Bangalore	Software
12	Composites, Bangalore	Software
13	We HR, Bangalore	Reputed Hiring Firm
14	Trueszhler India Pvt Ltd.,	Textile machine manufacturing
15	Emextre Software, Bangalore	Embedded and Software

Interaction with distinguished personalities from various reputed universities and industries is very much valuable for the underpinning of establishing better academic amenities for staff and students. Though college is not having formal MOUs Reputed firms like Infosys, HCL, Wipro, etc., they visit the institution for placement and other technical events. The labs are being upgraded for the upkeep of latest electronic equipment, computers etc.

**3.7.4 Highlighting the names of eminent scientists/participants, who contributed to the events, provide the details of national and international conferences organized by the college during the last four years.**

The details of renowned personalities who are engrossed in the a range of activities managed by the college and also had a gracious presence in the campus and aided the up-liftment of the institute is provided in 3.1.8

**3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhancepd and/or facilitated -**

- a) **prospectus development/enrichment**
- b) **placement/ On-the-job training**
- c) **Summer placement**
- d) **Faculty replacement and professional development**
- e) **Research**
- f) **Consultancy**
- g) **conservatory**

- h) **periodical**
- i) **Student Placement**
- j) **Twinning programmes**
- k) **Beginning of new courses**
- l) **Student exchange**
- m) **Any other**

- a) Prospectus development/enrichment:** The institute is an affiliated institution where there is no facility to modify curriculum as curriculum to be followed is set by affiliating university.
- b) Placement/On-the-job training:** Institute makes conveniences for arranging summer guidance at various shared houses as a regular live out.
- c) Summer placement:** Students are provided summer placement at various organizations.
  - d) Faculty replacement and professional development:** NIL
  - e) Research:** Workshops and conferences are regularly being carried out.
  - f) Consultancy:** The College instigates consultancy for faculty members
  - g) Conservatory:** The Institution works in collaboration and understanding with Social Service Organization for performing conservatory activities
  - h) Periodical:** KHIT on a large scale encourages publication for students and members of faculty. (Please refer to faculty publication section for details.)
  - i) Student Placement:** Renowned organizations regularly visit our campus for facilitating students' placements regularly.
  - j) Twinning programmes:** NIL
  - k) Beginning of new courses:** M.Tech (CSE, CE and ME)
  - l) Student exchange:** NIL

**3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations. Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.**

The college in a short span of time, has made strides in research activities with worth-mentioning funded projects and collaborative work. The departments are also taking earnest measures towards consultancy. An Industry Institute interaction cell has been established for

this rationale whose function includes:

- ❖ MOU provision with various establishments
- ❖ The departments through academic contacts, visiting experts and through contacts in research laboratories /industries constantly endeavor to enter into collaboration, the outcome of which will ultimately benefit the students, teachers and the institution.

**CRITERION - IV**  
**INFRASTRUCTURE & LEARNING**  
**RESOURCES**

## **CRITERION - IV**

### **INFRASTRUCTURE & LEARNING RESOURCES**

#### **4.1 Physical Facilities**

##### **4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitates effective teaching and learning?**

The institution fully realizes the importance of infrastructure in the teaching-learning process. It requires good infrastructure like spacious classrooms, laboratories with good equipment, Hygienic Canteen, excellent Transport facility, Wi-Fi campus providing internet facility in library and reading rooms, Play grounds, Power Backup etc., So KHIT is committed to provide learning –made-easy infrastructure and its up-to-date improvement for effective and optimum use.

The Governing Body of the institution meets twice a year to plan the academic and administrative activities of the college. It is an annual practice proposing Budget and passing through the resolutions in the Governing Body meeting.

The policy of Institution focuses on:

- Development of up-to-date infrastructure facilities.
- Providing quality oriented education and facilities to both students and faculty
- Giving encouragement for research, development and consultancy services to faculty.
- Providing e- classrooms / seminar halls, conference halls etc.
- Providing 100% placements for the eligible candidates.

Guidelines to finalize the purchasing procedure:

- HOD's will prepare and submit the budget estimations for every financial year.
- The concerned departments / sections will be intimated the budget allocations by the Principal.
- The purchase order will be placed by the Principal.
- HOD's will call for the quotations of the equipments and prepare comparative statements.



**Institutional Purchase committee consists of the following members.**

S. No	Name of the member	Designation
1.	Dr. M. Uma Sankara Reddy, Director	Chairman
2.	Dr. Bhimavarapu S. B. Reddy, Principal	Member
3.	Dr. I. Srinivasa Reddy, HOD, CE	Member
4.	Dr.SCV. Ramanamurthy Naidu, HOD, ME	Member
5.	Prof. S. Suryanarayana, HOD, ECE	Member
6.	Prof. B. Satyanarayana Reddy, HOD, CSE	Member
7.	Prof. R. Subba Reddy, HOD, EEE	Member
8.	Prof. P. Appi Reddy, HOD, S&H	Member
9.	Dr. B. Tarakeswara Rao, Professor, CSE	Member
10	Dr. A. Ranga Reddy, Admin. Officer	Member

The purchasing has been done in transparent method.

To make the learning effective and creative with improvised infrastructure and facilities, specific funds are allocated.

#### **4.1.2 Detail the facilities available for**

- a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, specialized facilities and equipment for teaching, learning and research etc.**

Particulars	Number of Rooms	Carpet Area/room in Sqm	Total Carpet Area in Sqm
Total Floor Space in Building	141	---	20388.92
Year of Construction	2010	---	---
HOD Rooms	6	45	270

Office Room	1	179.9	179.9
Faculty Rooms	24	45	1080
Class Rooms	42	90	3780
Class Rooms with ICT Facility	5	90	450
Tutorials	5	90	450
Drawing Halls	3	2 * 134.9	449.7
		1 * 179.9	
Seminar Halls	5	4 * 179.9	1079.4
		1 * 359.8	
Conference / Board Rooms	1	45	45
Common Computer Center	1	179.9	179.9
Central Library	1	449.76	449.76
Digital Library	1	90	90
Laboratories	38	---	3620
Workshops	2	400	400
E-Class Rooms	5	90	450
Department Library	6	10.07	60.42
Examination Section	1	90	90
Training and Placement Cell	1	90	90
Chairman Chamber	1	45	45
Director Chamber	1	45	45
Principal Chamber	1	45	45
Server Room	1	10.45	10.45
Entrepreneur Development cell	1	45	45
Soft Skills Development center	1	90	90
Boys Sports Rooms	1	90	179.9
Girls Sports Rooms	1	90	90
Water Purification Plant	1	45	45
Pantry	1	202.38	202.38
Girls common Rooms	3	45	135
First Aid sick room	1	45	45

R&D cell	1	90	90
NSS Room	1	45	45
IT Workshop	1	90	90
Stationery store	1	90	90
Boys Common Rooms	3	45	135
Gents Toilets	8	45	360
Girls Toilets	4	45	180
House Keeping	1	45	45
Security	1	20	20

The college conducts a number of technical events for the benefit of the students and staff. Each engineering department has its own Association and these associations regularly conduct technical symposia.

During SAMKALP, a National Level Student Techno Cultural Fest, each department conducts several events like technical paper presentation, Project Expo, technical quiz to provide a platform for the information exchange about the emerging technologies and sharing innovative ideas among the students. Students are encouraged and motivated to participate in similar events at university and national level competitions. Students of KHIT have won several prizes in these competitions.

### **Class rooms**

Class rooms are spacious with furniture, fans, LCD projector, proper lighting, ventilation and sufficient seating capacity.

### **Tutorial rooms**

Each department consists of Tutorial rooms for remedial classes for slow learners and needy students.



### Laboratories/Workshops

All the laboratories and workshops are well equipped and maintained. They are used for practical sessions and project works.



### Seminar Hall

The college has 4 seminar halls and one air conditioned auditorium with audio visual equipment and power back-up to conduct various activities.



## Specialized Facilities

For promoting teaching and learning,

- The college has exclusive English Communication Skills Laboratory equipped with multimedia systems with learning software supplied by K-van Solutions.
- Besides the central Library, each department has separate departmental library with a good collection of reference/text books
- The central library has NPTEL lecture videos by IIT Professors to adopt innovative teaching methods and for updating knowledge on various subjects.
- Digital library with e-journals are available.



## b) Extra-curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc

Games and sports are an integral part of a student's life. Along with studies, a student should physically fit to enjoy the health and vigour of life.

Students are encouraged to enroll their names in the NSS unit of the college. They actively participate in several programs like blood donation camps, medical check-up camps, awareness programs for the rural mass and youth, plantation of saplings, etc.

### Sports

The college has been participating in the various inter college and state level tournaments. There are facilities for both indoor and outdoor games in sports. A sports day is conducted every year where the students get the opportunity to display their talent.



### Outdoor Games

A spacious playground is available for outdoor games like Cricket, Volleyball, Badminton etc. Indoor games like Table Tennis, Chess, Carom etc, are provided to students in the college campus. Besides the full time trainers, college uses the services of professional coaches to train students in games like Table Tennis, Volleyball and Cricket.

Following are the facilities provided by the College:

Facilities	Number available	
	Boys	Girls
Volley Ball Court	3	--
Throw Ball Court	--	2
Tennikoit Court	--	2
Kabaddi Court	1	1
Chess Boards	20	20
Carom Boards	8	7
Table Tennis Boards	1	1
kho - kho	1	1
Long Jump/High Jump	1	--
Cricket Ground	1	--
Shot Put	1	1
Javelin throw	1	--
Disc throw	1	1
Badminton	2	2

**National Service Scheme (NSS):**

The College has a NSS Unit with a total strength of 60 members, affiliated to a JNTUK. The Unit was established with an objective to cultivate the attitude of social service and have social awareness in the minds of students and to make them responsible citizens.



**Infrastructure details of NSS Unit:**

The NSS Unit of the college is located in a separate room of 300 sqft area, with the following infrastructure

S.No	Name	Qty
1.	Student Benches	6
2.	Filing Rack	1
3.	Fan	3
4.	Spades	4
5.	(Flex) Banners	1
6.	Programme Banners	2
7.	Notice Board	1
8.	Crow bars	1
9.	Hammer	1

### Cultural Activities

KHIT organizes SAMKALP, a National level Student Techno Cultural Fest, freshers' day, farewell day and annual day celebrations every year in the traditional manner. These are the platforms for the students to exhibit their innate talent and creativity.

### About the Cultural Clubs:

KHIT has several cultural clubs. The students can be members of any club according to his/her interest. A slot is allotted for the activities of the club every week. The faculty members and the experts from outside will act as resource persons in these respective clubs.

Following are the details of the clubs:

S.No	Club	Activities	Coordinator
1	Dance	<ul style="list-style-type: none"> <li>• Dance performance on a theme during annual, freshers and farewell day celebrations.</li> <li>• Students write their own script, choreograph the event, design the costume, and compose music according to the event and plan the stage.</li> <li>• Students are motivated to collect information and compose dance on themes of different occupation, physical environment, seasonal changes, regional myths, legend, and stories.</li> <li>• Eminent Dance Video clips are shown.</li> <li>• Members of Dance club will gather to share their recent learning periodically.</li> <li>• Students form as the flash mob, compose dance on different themes for social awareness and perform at junctions and malls.</li> </ul>	Mrs. V. L. Kiranmai



2	Literary Appreciation	<ul style="list-style-type: none"> <li>• Conducting various competitions like essay writing, debates and elocution etc. to enhance language skills.</li> <li>• Students are asked about their interests, what they have read recently, and to share it with the club members.</li> <li>• To discuss and appreciate the literary pieces from various genres like Drama, Novel, Prose and Poetry are chosen by club members and the faculty.</li> <li>• The prime activities are reading and telling short stories, Dialogue Writing, Role Play, News reading, skits and telling jokes.</li> <li>• Club members meet monthly to monitor the progress of activities.</li> </ul>	Dr. B. Anupama
3	Martial Art	<ul style="list-style-type: none"> <li>• Giving training in kick-boxing, karate and taekwondo to be positive in leading life, self-discipline, Strong and to maintain balance and speed.</li> </ul>	Mr. Sk.Abdul Saleem
4	Movie Appreciation	<ul style="list-style-type: none"> <li>• Movie Screenings are shown for students and it is followed by a discussion and analysis.</li> <li>• National and International award films are shown to the students for multi-culture knowledge.</li> <li>• Awareness is created among the students about 24 crafts involved in film making.</li> <li>• Students have been giving guidance and support to make short films on social topics</li> </ul>	Dr. B. Tarakeswara Rao
		<ul style="list-style-type: none"> <li>• Music Club offers both vocal and instrumental music.</li> </ul>	

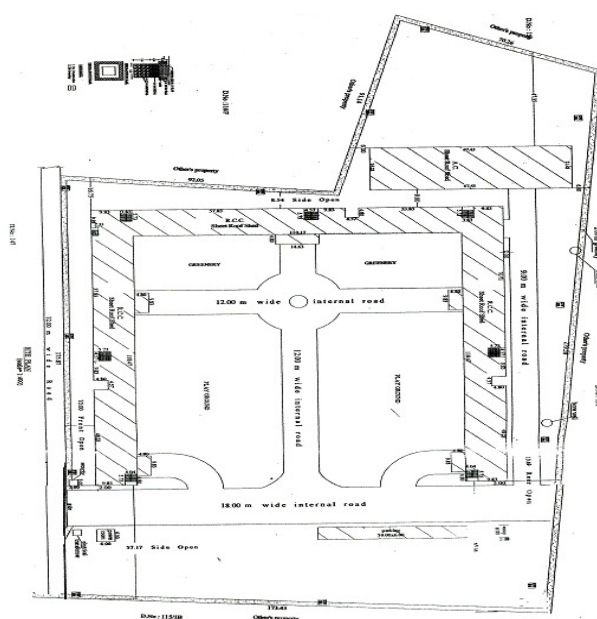
5	Music	<ul style="list-style-type: none"> <li>• The club has stringed, air and percussion musical instruments like violin, guitar, flute, jazz etc...</li> <li>• Experts and resource persons train the students in learning musical instruments.</li> <li>• Musical concerts are conducted during college celebrations.</li> </ul>	Prof. B. Satyanarayana Reddy
6	Painting	<ul style="list-style-type: none"> <li>• The main motive of the club is to encourage and enhance the artistic sensibility which is drawn and sketched on canvas for appreciation from others.</li> </ul>	Mrs.V.Revathi Devi
7	Photography	<ul style="list-style-type: none"> <li>• Creating awareness about photography</li> <li>• Giving technical training in photography and the usage of different kinds of cameras.</li> <li>• Collecting and analyzing the photos of great professionals, from varied sources</li> <li>• Giving suggestions by experts and creating awareness on new technical advancement like photo shop</li> </ul>	Mr. G. Lakshmi Narayana
8	Political Awareness	<ul style="list-style-type: none"> <li>• Creating awareness of what is happening in the society that we live in and also reminding the responsibilities towards society</li> <li>• Presentations, quizzes, debates on current issues.</li> <li>• Collecting articles, photographs regarding social problems for discussions.</li> <li>• Showing motivational speeches for improving leadership qualities.</li> <li>• Encouraging students to read biographies of great personalities.</li> </ul>	Mr. T. Srikanth Reddy

9	Theatre	<ul style="list-style-type: none"> <li>• Guest speakers and performances during meetings</li> <li>• Training in all aspects of production, direction, theatre management and performance.</li> </ul>	Mr.S.Maheswara Reddy
10	Yoga	<ul style="list-style-type: none"> <li>• Motivating the students to know about yoga and its benefits of increasing strength and flexibility besides relaxation and stress relief.</li> <li>• Giving training to the student by guest trainer.</li> <li>• Regular practics.</li> <li>• Encouraging the students to read books on Yoga and practise.</li> </ul>	Prof. S. Suryanarayana
11	Culinary	<ul style="list-style-type: none"> <li>• It is a student-run organization club which develops leadership and co-operation skill under the guidance of a faculty member.</li> <li>• Creating awareness on kitchen safety and sanitation</li> <li>• Discussions on measures to be taken in the selection of fine ingredients and their nutritional values.</li> <li>• Gathering information on different food items to be taken according age and diseases</li> <li>• During the meetings of the club, a student or a faculty member explains a recipe of a food item and prepares it.</li> </ul>	Dr. B. Lakshmi
12	Green Club	<ul style="list-style-type: none"> <li>• The Green Club promotes awareness about renewable energy consumption and pollution reduction on campus and society through the activities like the ban of using</li> </ul>	Mr.K.Venkatesh

		<p>of plastic etc.</p> <ul style="list-style-type: none"> <li>• To make the students realize their responsibility in improving healthy environment</li> <li>• Conducting different activities like pasting placard at different corners of college, planting and taking care of the green cover of the college to create awareness on clean and green environment</li> </ul>	
--	--	--	--

**4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any)**

Following AICTE norms and University Academic Regulations i.e. R10, R13 the institute has been developing the infrastructure and teaching learning facilities. Besides the ample availability of physical infrastructure for academics, the institute is intended for the establishment of the future needs.



**Amount incurred for various facilities developed in the last four years (Rs.)**

<b>Particulars</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
Salaries	1,95,13,720	2,65,45,778	3,70,15,468	5,04,58,638
Lab Maintenance	8,17,666	9,99,484	6,01,109	5,25,612
Electricity	5,49,086	8,11,589	10,20,350	16,11,025
Training & Travelling	49,565	1,60,949	4,47,804	3,50,524
Building	76,95,526	18,47,474	11,99,822	2,20,82,344
Computers & Software's	27,65,384	19,01,055	41,140	11,73,000
Furniture	5,29,445	18,33,664	2,33,496	3,62,668
Generator	24,603	3,34,815	22,544	1,06,595
Lab Equipment	70,84,177	19,59,407	3,48,595	6,20,097
Library	697742	9,99,497	8,58,877	4,47,770
Hostel	415931	1134593	3116100	69,84,087
Vehicles – Buses	31,61,701	37,43,253	5,47,79,63	84,95,265
Others	95,72,229	1,87,41,296	1,97,02,822	1,98,85,452

**Building Details of the Institute**

<b>S. No</b>	<b>Name of the Building</b>	<b>Carpet Area in Sq.m.</b>
1.	Block -I	4884.45
2.	Block -II	8756.45
3.	Block -III	4884.45
4.	Lab Annexure	1267.28
5.	Canteen	202.38
6.	Parking Shed	393.91
<b>Total Built-up Area</b>		<b>20,388.92</b>



#### 4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

- A special care is taken for the physically challenged students like conducting classes on the ground floor, providing comfortable seating arrangements.
- Special staff are deployed for assistance in regular activities.
- Extra attention is shown during midterm and university examinations.

The College has a strong sense of responsibility inculcated both in faculty and students to support & provide disabled-friendly environment. Two lifts were installed and functioning in either side of Block – II with annual maintenance service.



**Lift-1**

**Lift-2**

#### 4.1. 5 Give details on the residential facility and various provisions available within them

- ✓ **Hostel Facility–Accommodation available**
- ✓ **Recreational facilities, gymnasium, yoga center, etc.**
- ✓ **Computer facility including access to internet in hostel**
- ✓ **Facilities for medical emergencies**
- ✓ **Library facility in the hostels**
- ✓ **Internet and Wi-Fi facility**
- ✓ **Recreational facility-common room with audio-visual equipments**
- ✓ **Available residential facility for the staff and occupancy Constant supply of safe drinking water**
- ✓ **Security**

##### **Hostel Facility – Accommodation available**

The college is providing hostel facility for boys. The hostel is located behind the main building of the college. Currently the hostel has the inmates of 105 along with one warden.

<b>Description</b>	<b>Boys</b>
Land Location	College Campus
No of buildings	1
Internet Facility	Yes
Generator	Yes

##### **Recreational facilities, gymnasium, yoga center, etc**

The boy's hostel has indoor and outdoor sports facility. There is a canteen and stationery store to fulfill the daily needs of the students. The facilities are comfortable and hygienic. It supports the students' all round development.

##### **Computer facility including access to internet in hostel**

- Computer facility with internet is provided in the hostel.

##### **Facilities for medical emergencies**

- A Qualified Doctor & Nurse are available on the campus
- First aid boxes are available at various locations in hostels.
- A vehicle is made available for emergency purpose.

**Library facility in the hostels**

The hostel-library has fiction/non-fiction books, magazines, newspapers and competitive books.

**Internet and Wi-Fi facility**

The hostel is provided with 24 hours internet facility with Wi-fi connectivity.

**Recreational facility-common room with audio-visual equipments**

LCD TV is arranged in the hostel for the recreational purpose. There is a spacious multi-activity room for students to work on computer and to celebrate occasions like birthdays etc.

**Available residential facility for the staff and occupancy**

The warden is appointed with accommodation facility in the hostel.

**Constant supply of safe drinking water**

A water purification plant provides purified drinking water for the hostel.

**Security and Fire**

For providing security to the students, security persons are employed. Safety measures like adequate number of water points and fire extinguishers are available in the hostel. The institution adheres to all the norms prescribed by the Fire and Safety Dept. of Govt. of Andhra Pradesh.

**4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?**

The college provides precautionary measures at the time of emergency for staff and students.

- An emergency vehicle is also provided to take them to the hospital.
- First aid is also provided in the emergency vehicle

A Nurse is employed to attend the medical emergencies of both students and staff. At institute level medical center with a qualified doctor and medical amenities are provided for student health care.





**Emergency Vehicle**

**4.1.7 Give details of the Common Facilities available on the campus.**

spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

S.No	Unit	Location & Coordinator
1	Students welfare and disciplinary action Committee	II- Block, Dr. Bhimavarapu S. B. Reddy (Principal)
2	Academic monitoring cell	II- Block, Dr. Bhimavarapu S. B. Reddy (Principal)
3	Economically weaker section cell	III-Block, Ch.Daniel Dayakar, Asst. Prof. (S&H)
4	Training and placement cell	II- Block, Dr. P L Madhava Rao, (S&H)
5	Career guidance Cell	II- Block, Dr. K.V. Ramprasad, Professor, (ECE)
6	CSI Student Chapter	II-Block, Dr. B. Tarakeswara Rao, Professor, (CSE)
7	IETE and ISTE Student Chapter	II-Block, Prof. S. Suryanarayana (HOD-ECE)
8	Alumni association	I-Block, Dr. B. Tarakeswara rao, Professor, (CSE)
9	Library & Co-curricular activities	III- Block, Dr. B. Lakshmi

10	Sports and games committee	II- Block , Mr.P.PunnaReddy (PD)
11	NSS activities	II-Block, Mr.D. Srinivasulu(ME), Assoc. Prof.
12	R & D cell	II-Block, Dr.Ch. Srinivasa Rao, Professor, (ME) ECE)
13	Women Grievance and Redressal Committee	III-Block, Dr. B. Anupama (S&H), Assoc. Prof.
14	Anti ragging committee	I-Block, Dr. D V Sreekumar Reddy Professor,(ECE)
15	Health Committee	II-Block, Dr.K.Raghurami Reddy
16	Canteen	II-Block, Dr. B. Tarakeswara rao, Professor,(CSE)
17	Seminar Halls	II-Block,Prof.K. Srinivas(CE), Professor
18	Recreational Facilities	II-Block, College campus, All Club in-charges & Co-Ordinators

## 4.2 Library as a Learning Resource

### 4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes. The Library advisory committee advises for the improvement of services and smooth functioning.

Name of the Faculty	Designation
Dr. Bhimavarapu S. B. Reddy	Principal
Sri K. Showry Babu	Librarian
<b>Members:</b>	
Dr. SCV. Ramanamurthy Naidu	HOD,ME
Dr.I.Srinivasa Reddy	HOD,CE
Prof. S. Suryanarayana	HOD,ECE
Prof. B. Satyanarayana Reddy	HOD,CSE
Prof. R. Subba Reddy	HOD,EEE
Prof. P. Appi Reddy	HOD,S&H



The following suggestions given by advisory committee are already implemented.

- ✓ Students are issued ID cards
- ✓ Expansion of space for books and seating.
- ✓ Increased the number of titles and volumes.
- ✓ Reprographic facility.

#### 4.2.2 Provide details of the following:

- ✓ **Total area of the library**
- ✓ **Total seating capacity**
- ✓ **Working hours (on working days, on holidays, before examination days, during examination days, during vacation)**
- ✓ **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

1	Carpet Area of Library	449.76 sqm
2	Reading Space	314.83 sqm
3	Seating capacity in reading space	150 sqm
4	No of users(issue book) per day	100-150
5	No of users(reading space) per day	124
6	Academic working day	8.00 am – 6.00 pm
7	Academic weekend	9.00 am – 2.00 pm
8	Vacation	9.00 am – 2.00 pm
9	Computerization for search, indexing, issue/return records	Yes
10	Library services on Internet	IEEE, DELNET

#### 4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years?

According to the curriculum changes made by the University, the department sends a formal request for prescribed textbooks, reference books and suggests national and international journals. Following the recommendations of the Library Advisory Committee the library budget is allocated. The printing facility, the availability of e-journals and other e-resources are discussed and modifications are made. The details of an amount spent on new books, journals and e-resources during the last four years are given below.

Library Holdings	2012-13		2013-14		2014-15		2015-16	
	No.	Total Cost (Rs)	No.	Total Cost (Rs)	No.	Total Cost (Rs)	No.	Total Cost (Rs)
Text books & Reference Books	2332	8,08,684	3136	10,89,150	2873	10,24,709	661	2,34,171
Journals & Periodicals	48	64,074	53	68,674	56	83,574	61	95,448
Any others (specify)	DEL-NET	11,500	DEL-NET	11,500	DEL-NET	11,500	DEL-NET	11,500

#### 4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

**OPAC:** YES

**Electronic Resource Management package for e-journals:** IEEE

**Library Website:** YES

**In-house/remote access to e-publications:** YES

**Library automation:** YES

**Total number of computers for public access:** 20 computers

**Total number of printers for public access:** 1

**Internet bandwidth/speed:** 100 MBPS

**4.2.5 Provide details on the following items:**

- ✓ **Average number of walk-ins: 215 / day**
- ✓ **Average number of books issued/returned: 100-150 /day**
- ✓ **Ratio of library books to students enrolled: 8:1**
- ✓ **Average number of books added during last three years: 2223**
- ✓ **Average number of log into OPAC:40**
- ✓ **Average number of log into e-resources: 40**
- ✓ **Average number of e-resources downloaded/printed: 80**
- ✓ **Number of information literacy trainings organized: One / Year**
- ✓ **Details of “weedingout” of books and other material: 123**

**4.2.6 Give details of the specialized services provided by the library.**

- ✓ **Manuscripts: Available**
- ✓ **Reference: Yes**
- ✓ **Reprography: Yes**
- ✓ **ILL(Inter Library Loan Service):Yes**
- ✓ **Information deployment and notification: Yes**
- ✓ **Download: Yes**
- ✓ **Printing: Yes**
- ✓ **Reading list/Bibliography compilation: Available**
- ✓ **User Orientation and awareness: Yes**
- ✓ **Assistance in searching Databases: Yes**
- ✓ **INFLIBNET/IUC facilities: Yes**

**4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college**

The Library staff provides ILL support, collecting teaching resources from publisher, paper downloading etc. for faculty and searching of books, documents, university question papers of previous years & model answers for students.

- Issuance of books and journals to the students and faculty
- Displaying current arrivals at the entrance of the library
- Assisting students and faculty in searching a reference book
- Downloading and preserving the content from e-books and journals for the quick

reference to students and staff.

- Displaying the list of all available books in the library
- Displaying the scientific journals and magazines.

#### **4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.**

The physically challenged students are given first priority in issuing the books. The librarian helps such students in every possible way. These students are helped by the staff that provides the books or study material in the hall located on the ground floor.

#### **4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)**

Yes, Feedback from users is analyzed to improve the services and facilities offered by central library.

- Feedback is collected from staff and students.
- A suggestion box is kept in the library
- The advisory committee reviews the feedback on regular basis.

### **4.3 IT Infrastructure**

#### **4.3.1 Give details on the computing facility available (hardware and software) at the institution.**

**Number of computers with Configuration (provide an actual number with the exact configuration of each available system)**

##### **Computer Programming Lab 1:**

<b>S.No</b>	<b>Name of the Items with specifications</b>	<b>Quantity</b>
1	DELL VOSTRO 3902 Mini Tower Desktop ,INTEL Dual CORE G3260 4 <sup>th</sup> Gen (3MB Cache, 3.1 Ghz) 500 GBHDD, 4GB RAM, 18.5’’ LED MONITOR	65
2	20kva EATON online UPS	1

3	Server IBM SERVER IBM-X3200MS 7328165, BATCH:S99B4029, INTEL XEONE3430, 2.4 PROCESSOR ,250 GBX2HOD, 2GB RAM,RAID, DUAL GIGABIT, DVD , ROM	1
5	Wall Rack with accessories	1
6	D-link gigabit 10/100/1000 -24ports	5
7	CAT6 wire box	10
8	D-link 8 port gigabit switch	1
9	RJ45 Jack Box	3

### Digital Library

S.No	Name of the Items with specifications	Quantity
1	DELL VOSTRO 3902 Mini Tower Desktop ,INTEL Dual CORE G3260 4 <sup>th</sup> Gen (3MB Cache, 3.1 Ghz) 500 GBHDD, 4GB RAM, 18.5'' LED MONITOR	20
2	CAT 6 Wire box	2
3	RJ45 Jack Box	1

### Computer Programming Lab 2:

S.No	Name of the Items with specifications	Quantity
1	Dell Optiplex 3040 MT, Intel Core i3 – 6100 processor (3MB cache memory, 3.7 Ghz), 500 HDD, 4GB RAM, 18.5'' LED Monitor	50
2	HP PRO 3330 , DESKTOPS CORE i3 / 3MB CACHE / 2GB DDR3 RAM ,500GB HOD, 18.5'' LCD MONITOR	15
3	HP Proliant ML350Gen9 Server, Intel Xeon E5-2620V4 Processor(2.1Ghz,20MB Cache, 8-core), 2X16GB DDR 4 -2133 MHz, 2X600GB SAS HDD, RAID - 0,1, DVD-RW	1
4	HP Proliant ML10V2 Server, 1Xinter XeonE3-1220v3 Processor (3.10Ghz, 8MB Cache, 4-core), 1X16GB DDR 4-2133 MHz, 2X1TB SATA HDD, RAID - 0,1,DVD-RW.	1
5	CAT-6 LAN Cable Box	10
6	DIGI sole 10/100/1000 gigabit switch 24 port	5
9	D-Link 10/100/1000 gigabit switch 24 port	1
10	15U Rack with accessories	1
11	20kva EATON online UPS	1
12	MicroTik router	1
13	RJ45 Jack Box	3

**PG Lab:**

S.No	Name of the Items with specifications	Quantity
1	DELL VOSTRO 3902 Mini Tower Desktop ,INTEL Dual CORE G3260 4 <sup>th</sup> Gen (3MB Cache, 3.1 Ghz) 500 GBHDD, 4GB RAM, 18.5'' LED MONITOR	30
2	CAT-6 LAN cable box	2
3	RJ45 Jack Box	1

**EEE lab:**

S.No	Name of the Items with specifications	Quantity
1	DELL VOSTRO 3902 Mini Tower Desktop ,INTEL Dual CORE G3260 4 <sup>th</sup> Gen (3MB Cache, 3.1 Ghz) 500 GBHDD, 4GB RAM, 18.5'' LED MONITOR	25
2	CAT-6 LAN cable box	2
3	RJ45 Jack Box	1
4	Wall Rack with accessories	1
5	D-link gigabit 10/100/1000 -24ports	2

**ECE lab:**

S.No	Name of the Items with specifications	Quantity
1	HP PRO 3330 , DESKTOPS CORE i3 / 3MB CACHE / 2GB DDR3 RAM ,500GB HOD, 18.5'' LCD MONITOR	75
2	HP 280 G1 MT Business PC/Intel i3 – 4160 processor (3MB Cache ,3.60Ghz)/4GB DDR3 RAM/500GB HDD/18.5'' LED MONITOR	2
3	Wall Rack with accessories	1
4	D-link gigabit 10/100/1000 -24ports	3
5	D-link gigabit 10/100/1000 -8ports	1
6	CAT-6 LAN cable box	8
7	10kva EATON online UPS	2
8	D-Link unshielded 24-port Full loaded Patch Panel	3
9	D-Link patch cable 1Mtr	72
10	RJ45 Jack Box	2



**CE/ME Lab:**

S.No	Name of the Items with specifications	Quantity
1	HP PRO 3330 , DESKTOPS CORE i3 / 3MB CACHE / 4GB DDR3 RAM ,500GB HOD, 18.5'' LCD MONITOR	46
2	HP 280 G1 MT Business PC/Intel i3 – 4160 processor (3MB Cache ,3.60Ghz)/4GB DDR3 RAM/500GB HDD/18.5'' LED MONITOR	32
3	Wall Rack with accessories	1
4	D-link gigabit 10/100/1000 -24ports	4
5	CAT-6 LAN cable box	5
6	20kva EATON online UPS	1
7	D-Link unshielded 24-port Full loaded Patch Panel	3
8	D-Link patch cable 1Mtr	72
9	RJ45 Jack Box	1
10	ZOTAC GeForce 210 Graphics card (1 GB)	25

**Computer Centre:**

S.No	Name of the Items with specifications	Quantity
1	ACER VERITON M200-G31MT,INTEL CORE2 DUO, E7500 2.93Ghz, 160 GBHDD, 1GB RAM, 18.5'' WTFTLCD MONITOR	60
2	Wall Rack with accessories	1
3	D-link gigabit 10/100/1000 -24ports	4
4	CAT-6 LAN cable box	5
5	20kva EATON online UPS	1
6	D-Link unshielded 24-port Full loaded Patch Panel	4
7	D-Link patch cable 1Mtr	76
8	RJ45 Jack Box	1

**English Communication Skills lab**

S.No	Name of the Items with specifications	Quantity
1	INTEL CORE2 DUAL (2.93Ghz), 2GB DDR2 RAM,320GB HARD DISK, 18.5 HCL LCD WIDE MONITOR	30
2	Wall Rack with accessories	1
3	D-link gigabit 10/100/1000 -24ports	2
4	CAT-6 LAN cable box	1
5	D-Link unshielded 24-port Full loaded Patch Panel	2
6	D-Link patch cable 1Mtr	40
7	RJ45 Jack Box	1

**Computer-student ratio**

Undergraduate students: 1:6

Post graduate students: 1:4

**Stand alone facility:** 20 computers

**LAN facility:** All computing labs are provided with LAN facility.

**Wi-Fi facility:** Wi-fi facility is available in the institute with a maximum capacity of 100 Mbps speed.

**Specification:****1) System Configuration**

Security	Hardware 64/128 bit WEP, TKIP and AES-CCM encryption, WPA, WPA2, 802.1x
QOS	Hierarchical Token Bucket ( HTB) QoS system with CIR, MIR, burst and priority support Simple and fast solution for basic QoS implementation - Simple queues Dynamic client rate equalization ( PCQ)
Modulation	802.11b/g: DSSS, OFDM
TXPower Maximum(802.11b/g)	802.11g:54,48,36,24,18,12,9,6 Mbps, auto-fallback
Power Input	10-24Vdc

**Licensed software**

Application Softwares	: 26
System Softwares	: 05

**Power Backup:**

- Eaton 5X20 KVA Online UPS with a backup of 30 minutes for 300 Systems and another Eaton 1X10 KVA Online UPS with a backup of 30 minutes for 40 Systems. 62.5 KVA Generator is available on the campus.

**4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?**

The Staff and students are provided with Internet facility and sufficient number of computers.

Internet facility through LAN and Wi-Fi Connectivity is provided in the campus.

Internet Service Provider : BSNL

Total Bandwidth : 100Mbps

Internet Service Provider : VAINAVI

Total Bandwidth : 4 Mbps

**4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?**

- Up gradation of the computers as per the requirement with the latest configuration
- Allocations are made in the annual budget for the procurement of the computer systems
- Timely evaluation of the vendors' proposals to purchase new software and hardware
- The troubles/problems which are not resolved by the lab programmers and technicians, are sent to service centers.

**4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)**

<b>Description</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
<b>Budget Allocated (Rs.)</b>	5,00,000	7,00,000	10,00,000	5,00,000
<b>Procurement (Rs)</b>	2,45,000	8,49,912	11,45,400	3,87,230
<b>Maintenance (Rs)</b>	1,900	24,625	9,450	60,369

**4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?**

- LCD projectors and Multimedia PCS with internet access are provided.
- NPTEL lectures, solutions of old question paper and faculty notes are available in the library for the reference purpose.
- Lesson plans are prepared in a standard format in the computer.
- Students feedback is taken on-line and analysis of students feedback is generated using software.
- Using NPTEL, MIT and other e-learning resources for self-paced learning that supplements the regular lectures.

**4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.**

The institution has ICT enabled classrooms equipped with LCD projectors, Multimedia PCs, Wi-Fi connectivity and Internet access.

The air-conditioned seminar halls are provided with PCs and projection systems support the mass presentation.

**4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliation university? If so, what are the services availed of?**

No

**4.4 Maintenance of Campus Facilities**

**4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?**

Particulars	2012-13	2013-14	2014-15	2015-16
Salaries	1,95,13,720	2,65,45,778	3,70,15,468	5,04,58,638
Lab Maintenance	8,17,666	9,99,484	6,01,109	5,25,612
Electricity	5,49,086	8,11,589	10,20,350	16,11,025
Training & Travelling	49,565	1,60,949	4,47,804	3,50,524
Building	76,95,526	18,47,474	11,99,822	2,20,82,344
Computers & Software's	27,65,384	19,01,055	41,140	11,73,000
Furniture	5,29,445	18,33,664	2,33,496	3,62,668
Generator	24,603	3,34,815	22,544	1,06,595
Lab Equipment	70,84,177	19,59,407	3,48,595	6,20,097
Library	697742	9,99,497	8,58,877	4,47,770
Hostel	415931	1134593	3116100	69,84,087
Vehicles – Buses	31,61,701	37,43,253	5,47,79,63	84,95,265
Others	95,72,229	1,87,41,296	1,97,02,822	1,98,85,452

**4.4.2. What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?**

Various committees are constituted for the maintenance and upkeep of infrastructure, facilities and equipment. HODs and senior faculty members take initiation, as committee members. They make proposals for the effective maintenance of infrastructure and get approval from management.

**Electrical maintenance committee:**

It consists with two faculty members from the department of EEE, electrician and diesel mechanic.

As per OEM manual on the basis of 300 Hours/6 months of periodicity from the authorized service centre, the operators/electricians ensure timely the servicing of the DG sets. The dedicated electrician/operator has been designated for the power house duty for daily inspection, cleaning and maintenance of DG sets and record keeping in log books.

The following are the duties of the committee:

- Engine oil, diesel oil filters and air filters are replaced for every 250 hours.
- Replacement of coolant water in radiator for every one month.
- Checking of Earth daily and main capacitors weekly.

**Water purifier maintenance committee:**

It was constituted with two faculty members, one from S&H department and one from administration department. Water purifier is located on fourth stair which is built on safe measures, and far away from electrical substation and drainage system. Purified drinking water is supplied to all floors, administrative offices, hostels and canteen.

**This committee ensures:**

- Monitoring and safe distribution of water through pipelines.
- Providing water with RO water purifier
- Periodical maintenance of water coolers and purifiers
- Repairing or changing of damaged water taps and pipes.
- Cleaning the water tank periodically.

**Transport committee:**

This committee consists of two members, one from Science & Humanities Department and another from Electronics & Communication Engineering department along with transport supervisor and vehicle supervisor. All the drivers should have valid driving license. The PUC, Insurance, RC and Fitness Certification for all vehicles are obtained as per RTA norms.



**This committee ensures:**

- Implementation of preventive /break down maintenance of the vehicles
- Minor maintenance of vehicles by full time mechanics
- Alternative vehicles are arranged in case of emergency

**Campus beautification and maintenance activities:**

A gardener has been designated for the responsibility of daily inspection, cleaning, watering, de- weeding, and maintenance of hedges, lawns and horticulture equipment. A separate record is kept for noting the activities. The supervisor ensures the timely servicing of the equipment needed for gardening.

**4.4.3. How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?**

The maintenance committee ensures timely servicing of the equipment and take master readings once in a semester to make sure proper working of the equipment. The number of hours, fuel use, servicing and maintenance of the equipment is maintained as per the schedule. On the performance base, the outsourcing facilities ex: housekeeping, messing, healthcare, pest control, security etc. are monitored and reviewed constantly and renewed annually.

#### 4.4.4. What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

##### Electrical Maintenance:

The college has one HT / LT power transformer (250 KV A).

- Daily checking of earth pits, earth resistance , oil test for transformer and oil purifying
- Proper coverage of HV terminals at the transformer with insulation tape
- Silica-gel in the breather of the transformer is replaced periodically.
- Coil earthlings and locking, arrangements for the handlers of AB switch are monitored.
- Distribution panel boards for rectification of loose contacts are verified periodically.
- Cleaning switch yard premises and neutral checking are done regularly.
- Ensuring the closure of panel-board holes to avoid hazard problems.

##### Water Supply:

The College has a pumping station with automatic level monitoring/controlling facility for the constant water facility. The RO plant is run and maintained by back washing of fitters in the RO plant daily.

- There are two drinking water storage tanks in the college.
- They are cleaned regularly
- Water coolers are provided on each floor of the buildings and in various places on the campus. They are cleaned every week and maintained properly.



Other relevant information regarding Infrastructure and learning resources which the college would like to include:

- Stationary store
- Reprographic Facilities.



## **CRITERION V**

# **STUDENT SUPPORT & PROGRESSION**

---

## **CRITERION V**

### **STUDENT SUPPORT & PROGRESSION**

#### **5.1 Student Mentoring and Support**

##### **5.1.1 Does the institution publish its updated prospectus/handbook annually? If yes what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?**

The college publishes prospectus which is updated every year and is distributed to the candidates who are interested in getting admission into the institution. The prospectus provides information related to various courses offered by college, eligibility criteria, certificates to be attached along with the application form and the counseling schedule. The handbooks are distributed to all the students and members of the staff. The book contains the following information:

- College vision, mission and quality policy
- Information about the departments
- General rules of the Institution
- Co-curricular and extracurricular activities
- Infrastructural facilities available
- Fee structure of various courses
- Details of scholarships provided to the students
- Academic calendar that contains the list of working days, date of commencement of class work and the date of the last working day of the respective semester, commencement of semester-end exams and the re-opening date of the Institution.

##### **5.1.2 Specify the type, number and amount of institutional scholarships/ free ships given to the students during the last four years and whether the financial aid was available and disbursed on time?**

Meritorious and economically weak students are supported by the management in terms of reducing tuition fee and transportation fees. The management also encourages meritorious students by providing scholar ships every year. Top ten percent of the students in each section will receive an amount of Rs.10000 and a merit certificate. Scholarships are distributed to

meritorious students every year on the eve of annual day celebrations. The details of total amount disbursed as merit scholarships year wise is given below:

**Table 5.1.4 Details of Scholarships given to merit students:**

S.No	Year	No. of Students Benefited	Total Amount in Rs.
1	2015-16	365	20,40,000.00
2	2014-15	235	11,65,616.00
3	2013-14	74	5,97,500.00
4	2012-13	42	4,20,000.00
5	2011-12	25	2,50,000.00

### 5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

College has arranged a number of scholarships for the benefit of students, namely:

- I. National merit scholarship
- II. Backward classes scholarship
- III. Scholarship from caste based welfare associations

Financial Assistance (Fee reimbursement) is given to the students by A.P. State Govt., State Government of Bihar, Central Government and other National Agencies scholarships.

#### Details of Financial Assistance from AP Government to Students Rs. in Lakhs:

Category	2010-11	2011-12	2012-13	2013-14	2014-15
SC,ST	4.65	9.66	13.99	22.23	39.57
BC	9.92	28.49	34.72	60.17	91.63
EBC	33.79	78.64	120.69	181.92	231.64
Minority Category	465	11.78	24.22	36.50	49.31
PHC	--	--	--	--	--

Academic Year	No. of Students	No. of Beneficiaries	% of Beneficiaries	Total Amount ₹
2014-15	1543	1139	73.81	4,02,16,500/-
2013-14	1326	866	65.30	2,90,83,000/-
2012-13	854	565	66.15	1,93,62,000/-
2011-12	558	377	67.56	1,28,88,000/-
2010-11	300	171	57	53,01,000/-

**Details of fees reimbursement given to the students by the government through the Institution:**

Academic Year	No. of Students received Scholarships	Amount in Rupees
2014-2015	1139	4,02,16,500/-
2013-2014	866	2,90,83,000/-
2012-2013	565	1,93,62,000/-
2011-2012	377	1,28,88,000/-
2010-2011	171	53,01,000/-

**5.1.4 What are the specific support services/facilities available for Students from SC/ST, OBC and economically weaker sections?**

- ✓ Students with physical disabilities
- ✓ Students to participate in various competitions/ National and International
- ✓ Medical assistance to students: health centre, health insurance, etc.
- ✓ Organizing coaching classes for competitive exams
- ✓ Skill development (spoken English, computer literacy, etc.
- ✓ Support for slow-learners
- ✓ Exposure of students to other institutions of higher learning/ corporate/ business house, etc.

**Support services/facilities available for Students from SC/ST, OBC and economically weaker sections**

State government and Central Government support students by providing various scholarships for SC/ST, OBC and economically backward sections. Special classes are also arranged by state government for these students to enable them to improve the performance in studies. Soft skill classes are arranged by the college to improve the skills of students from rural

---

background. Medical aid and merit-based financial assistance is given to the deserving students. The college placement cell invites the companies that are involved in recruiting SC / ST students.

OBC Students also receive financial assistance from the government in terms of tuition fees and maintenance charges and economically weaker sections get fees reimbursement as per the government rules.

The Institution provides economic support in special cases by reducing tuition fees and transportation fees.

**Students with physical disabilities:**

Physically challenged / disabled students are supported by offering transportation fee waiver. Scribes are arranged by the college for visually challenged students to write exams. The grievances of the visually challenged were redressed from time to time.

**Overseas students:**

There are no overseas students.

**Students who participate in various competitions – National and International:**

- Encouraging participants by reimbursing the travel expenses and registration fees; winners are also rewarded with a prize matching to the cash prizes won by them.
- Internet facility is made available to the students to enable them to prepare technical papers under the guidance of faculty.
- Due consideration in respect of attendance for the students participating in important co-curricular literary, cultural or sports events outside college.

**Medical assistance to students: health centre, health insurance, etc.**

- Dispensary facility is available within the campus and doctor in general medicine is recruited by the institution who is available during college timings.
- NSS Unit organizes camps for eye checkup and blood donation on regular basis. It is a practice of the institution to host a blood donation camp every year on the eve of chairman's birthday.
- Availability of a super specialty hospital in the immediate vicinities.

**Organizing coaching classes for competitive exams**

- Departments provide guidance to their students preparing for competitive examinations like GATE/CAT/GRE/TOEFL.
- Departments organize campus recruitment training programme that will benefit the students in campus recruitment and also in exams like CAT, GRE, TOEFL, etc.

- 
- The institute signed MoUs with a training company to train the students of each department in aptitude, reasoning and mental abilities.
  - Study material for the preparation of various competitive exams, namely GRE, TOEFL, GATE and CAT are made available in the library.
  - The faculty of english organize training programmes through advanced soft skills lab and conduct various sessions like group discussions which will benefit them in campus recruitment and also in exams like CAT, GRE, TOEFL, etc.

#### **Skill development (spoken english, computer literacy, etc.)**

- ❖ Soft skills programme is included in the curriculum for students.
- ❖ The faculty of english is in-charge for handling soft skills programme.
- ❖ Third and final year students learn soft skills through an agency arranged by the Institute.

#### **Support for “slow-learners”**

- Dropouts and students who are at risk of failure are given due care by the department concerned through tutorial system.
- Remedial classes are taken for these students who have backlogs after the college hours.
- Slow learners progress is monitored through slip test, One hour test and model examinations.
- Regular motivation and counseling from the faculty to help the slow-learners to overcome their barriers.
- Study material is provided to the students.
- The class teachers and counselors interact with the parents about the progress of their children.

#### **Exposure of students to other institutions of higher learning/ corporate/ business house, etc.**

- The students are allowed to other colleges inside and outside the state to participate in various competitions. For that, on duty and technical help is provided by the Institute.
- Seminars/Workshops, Symposiums, Paper Presentations, Presentations on Communication Skills Development, Motivational Lectures by expert faculty are arranged by the departments concerned and also by various clubs of the college for the benefit of the students.

- The usage of internet facility for research journals is made available. This helps the students to keep in touch with the recent developments.
- Students are allowed for summer internship programmes conducted by IITs, NITs and universities and they are also allowed to do industrial projects.

### **5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills among the students and the impact of the efforts.**

College has an Entrepreneurship Development Cell constituted with the following members:

<b>S. No.</b>	<b>Name</b>	<b>Department</b>	<b>Designation</b>
1	Dr. P L Madhava Rao	S&H	Professor
2	Dr. I. Srinivasa Reddy	CE	Dean & HOD
3	Prof. S. Suryanarayana	ECE	Dean & HOD
4	Prof. P. Appireddy	S&H	HOD
5	Prof. R. Subbareddy	EEE	HOD
6	Dr. S C V Ramana Murthy Naidu	ME	HOD
7	Prof. B. Satyanarayana Reddy	CSE	HOD
8	Mr. J. Veera Kumar	S&H	Assistant Professor

#### **Activities organized by Entrepreneurship Cell:**

Invited lectures, workshops by MSME and awareness on loan facilities available for upcoming entrepreneurs are organized by EDC cell on regular basis.

### **5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities, etc. additional academic support, flexibility in examination, special dietary requirements, sports uniform and materials any other.**

- Students are sent to other colleges to participate in sports, games, quiz competitions, debate & discussions, cultural activities, etc.
- The institute encourages participation in inter-collegiate tournaments conducted in Cricket, Volleyball, Basketball, Tennis, Table-Tennis, Football, Athletics, etc.
- The merit certificates and prizes are awarded to the winners and runners in intramural competitions for boys & girls on College Annual & Sports Day celebrations.

- Student involvement in co-curricular activities is supported
- Students taking part in extracurricular activities are compensated with special classes

### Sports and Games Club

S.No.	Name	Designation	Department	Status
1	Mr. PunnaReddy	Physical Director	S&H	Co-ordinator
2	Mr.B. Satyanarayana Reddy	Assoc. Professor	CSE	Co-ordinator
4	Mr. T. Srikanth Reddy	Assistant Professor	ECE	Member
5	Mr. Ch. D. Dayakar	Assistant professor	S&H	Member
6	Mr. P. Joseph	Assistant professor	S&H	Member
7	Mr. P. Nagaraju	Assistant professor	S&H	Member
8	Mr. M.V.N. Murthy	Assistant professor	EEE	Member
9	Mr. S. Srinivasarao	Assoc. professor	S&H	Member
10	Mr. H.Teja Kiran Kumar	Assistant professor	CE	Member

### Yoga and Meditation Club

S. No.	Name	Designation	Department	Status
1	Prof. S. Suryanarayana	Professor	ECE	Co-ordinator
2	Mr. R. SubbaReddy	Associate Professor	EEE	Co-ordinator
3	Mr. P.V. Sivaji	Assistant Professor	S&H	Member
4	Mr. I. Vijay Kumar	Assistant Professor	S&H	Member
5	Mr. Ch. Samsonu	Associate Professor	CSE	Member
6	Mr. K. Chaitanaya	Assistant Professor	ME	Member

### Painting Club

S. No.	Name	Designation	Department	Status
1	Mrs. V. Revathi Devi	Associate Professor	S&H	Coordinator
2	Mrs. P. Nagamani	Assistant Professor	S&H	Member
3	Ms.S. Srilakshmi Parvathi	Assistant Professor	CSE	Member
4	Mr. K. Nagaraju	Assistant Professor	EEE	Member
5	Mr. G. Raju	Associate Professor	ME	Member

### Culinary Club

S. No.	Name	Designation	Department	Status
1	Mr. Ch. Samson	Associate Professor	CSE	Coordinator
2	Mrs. C. Suneetha	Assistant Professor	ECE	Member
3	Mrs. V. Surekha	Assistant Professor	EEE	Member
4	Mr. K. Srinivas Reddy	Assistant Professor	ME	Member
5	Mrs. S.L.P. Durga Devi	Assistant Professor	CE	Member
6	Mrs. B. Aruna	Associate Professor	S&H	Member
7	Mrs. N. Sridevi	Assistant Professor	S&H	Member

### Green Club

S. No.	Name	Designation	Department	Status
1	Mr. K. Venkatesh	Assistant Professor	CE	Coordinator
2	Mr. D. srinivasalu	Associate Professor	ME	Member



3	Mr. M.V.N Murthy	Assistant Professor	EEE	Member
4	Mr. Ch. Ramakrishna Reddy	Assistant Professor	ECE	Member
5	Mr. V.R. Jetson	Associate Professor	CSE	Member
6	Mrs. V.V. Subhashini	Assistant Professor	S&H	Member

**Robotics Club**

S. No.	Name	Designation	Department	Status
1	Mr. P. SurendraBabu	Associate Professor	ME	Coordinator
2	Mr. M. Sriram naik	Assistant Professor	EEE	Member
3	Mr. A. Manikanth	Assistant Professor	ECE	Member

**Movie Appreciation Club**

S. No.	Name	Designation	Department	Status
1	Dr. B. Tarakeswara Rao	Professor	CSE	Co-ordinator
2	Mr. K. Harikrishna	Associate Professor	EEE	Member
3	Mrs. P. Revathi Prasanna	Assistant Professor	S&H	Member
4	Mr. K. Chaitanaya	Assistant Professor	ME	Member

**Dance Club**

S. No.	Name	Designation	Department	Status
1	Mrs. V.L. Kiranmai	Assistant Professor	S&H	Coordinator
2	Mrs. B. Anupama	Assistant Professor	S&H	Coordinator
3	Mr. Ch. Esvar Kumar	Assistant Professor	ECE	Member
4	Mr. G. Lakshmi Narayana	Assistant Professor	CSE	Member
5	Mr. M. kishore	Assistant Professor	ME	Member
6	Mr. V. Rajasekhar Reddy	Assistant Professor	CE	Member
7	Ms. P. Jyothi	Assistant Professor	EEE	Member

**Music Club**

S. No.	Name	Designation	Department	Status
1	Mr. B. Satyanarayana Reddy	Associate Professor	CSE	Coordinator
2	Mrs. V.L. Kiranmai	Assistant Professor	S&H	Member
3	Mr. V. Rajendra Kumar	Assistant Professor	CE	Member
4	Mr. N. Srikanth	Assistant Professor	EEE	Member
5	Mr. Y. Kiran	Assistant Professor	ME	Member
6	Mr. D. Ramanaidu	Associate Professor	ECE	Member

**Social and Political Awareness Club**

S. No.	Name	Designation	Department	Status
1	Mr. T. Srikanth Reddy	Assistant Professor	ECE	Co-ordinator
2	Mr. A. Sandeep Kumar	Assistant Professor	CSE	Member
3	Mr. P. InnaRao	Assistant Professor	S&H	Member
4	Mr. T. Blessing Stone	Associate Professor	CE	Member
5	Mr. P.P Sharma	Assistant Professor	EEE	Member
6	Mr. M. SrinivasaRao	Assistant Professor	S&H	Member

**Literary Appreciation Club**

S. No.	Name	Designation	Department	Status
1	Mrs. B. Anupama	Assistant Professor	S&H	Coordinator
2	Mr. Sk. AnwarBasha	Assistant Professor	S&H	Member
3	Mr. S. SrinivasaRao	Assistant Professor	S&H	Member
4	Mr. B. Ramachandraiah	Associate Professor	ECE	Member
5	Mr. E. Sai Ram	Assistant Professor	EEE	Member

**Telugu Appreciation Club**

S. No.	Name	Designation	Department	Status
1	Prof. K. Srinivas	Professor	CE	Coordinator
2	Dr. B. Lakshmi	Assistant Professor	S&H	Member
3	Mr. M. Sriram Naik	Assistant Professor	EEE	Member
4	Mr. B. Ramakrishna	Assistant Professor	CSE	Member

**Graphics and Animation Club**

S. No.	Name	Designation	Department	Status
1	Mr. B. Satyanarayana Reddy	Associate Professor	CSE	Coordinator
2	Mr. G. Lakshmi Narayana	Assistant Professor	CSE	Member

**Theatre Club**

S. No.	Name	Designation	Department	Status
1	Mr. G. Raju	Associate Professor	ME	Coordinator
2	Mr. S. Maheswara Reddy	Assistant Professor	S&H	Member
3	Mr. P. Lakshmikanth	Assistant Professor	CSE	Member
4	Mr. V. Rajendra Kumar	Assistant Professor	CE	Member
5	Mr. K.V. Nagaraju	Assistant Professor	EEE	Member

**Martial Arts Club**

S. No.	Name	Designation	Department	Status
1	Mr. Sk. Saleem	Assistant Professor	ME	Coordinator
2	Mr. J. VeerKumar	Assistant Professor	S&H	Member
3	Mr. I. Vijay Kumar	Assistant Professor	S&H	Member
4	Mr. V.R. Jetson	Associate Professor	CSE	Member

**5.1.7 Enumerate on the support and guidance provided to the students in preparing for the competitive exams. Give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET, UGC-NET, SLET, GATE/ CAT/ GRE/ TOEFL/ GMAT/ Central/ State services, Defense, CE Services, etc.**

Full-fledged succor and guidance is given to all the aspirants of competitive exams in the form of providing study material and by conducting special training classes and on-line examinations. As a part of academic time table, college is providing CRT (Campus Recruitment

Training) classes to 3rd and 4th year students and giving Training on Aptitude, Reasoning and Communication Skills.

No. of students qualified in GATE

S. No.	Year	CE	ME	EEE	ECE	CSE
1	2015-16	--	--	--	--	--
2	2014-15	--	--	--	--	--
3.	2013-14	01	--	--	--	--

No. of Students qualified in GRE/TOEFL/CAT/GMAT/PGECET/IELTS, etc.

S. No.	Year	CE	ME	EEE	ECE	CSE
1	2015-16	--	1	--	--	7
2	2014-15	01	2	3	6	1
3	2013-14	02	4	4	1	--

### 5.1.8 What type of counseling services are made available to the student's academic, personal, career, psycho-social, etc.)

The institute strongly believes that counseling is the best method to help the students to overcome the difficulties either in academics or in their behaviour. Particularly at the age of adolescence the behavior of student is shaped by various positive and negative factors and the counseling is the best way to put them in the right direction.

#### Academic Counseling

- Department has constituted a dedicated team of faculty so that they can counsel the students who are academically low and irregular in attendance in order to improve their academic performance.
- For every 15 students, one faculty member is assigned to take up the role of faculty counselor / mentor whose primary activity is to monitor the academic progress of the students under his/her care and to take corrective measures for any aberration in their progress in academic pursuits.
- Counselors meet the students every week, interact with them and record their grievances and suggestions in the counseling book if any.
- In special cases, Head of the department also involves in counseling the students.

### Personal Counseling

- Students having personal problems like family issues, misunderstanding with the members of their family, career guidance, and social issues are counseled by the team of counselors.
- A Grievance Redressal Cell is constituted to look into the grievances of students and to attend to their problems. The members of the faculty meet the students attached to them in each class every week and guide them how to face all challenges.
- The student advisors play the role of personal counselors in whom a student can confide their personal problems. The faculty advisor along with the HOD strives to arrive at an optimal/amicable solution. The Principal also counsels the students and tries to mould them in right path. A Grievance Redress Cell is also constituted to address the grievances of the students and to attend to their problems.
- **Panel of Counseling In-charges**

S. No.	Department	In-charges
1	ME	Mr. D. Srinivasulu
2	CE	Mrs.S.L.P.DurgaDevi
3	CSE	Mrs. K.Santhi
4	ECE	Mr. D.Ramanaidu
5	EEE	Mr.N.Srikanth
6	S&H	Mr.P.V.Sivaji

### Career Counseling

- The college has established a Communication Skills Lab to improve the communication skills of students.
- The institution provides additional training to the students on Soft Skills by internal faculty with slots in regular time table.
- Group discussions, Just a Minute (JAM) sessions and orientation programmes are periodically conducted by The Training and Placement Cell.
- The necessary training programs in soft and other skills development have been arranged which includes experts from industry as trainers.
- The training and Placement cell plans and conducts mock interviews to prepare students for interviews so that they can get placed in reputable firm.

- HoDs frequently visit each and every class to motivate and counsel students in career aspects. They explain in detail the career prospects, preparation for campus placement and career development activities.

**5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If yes, detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).**

Yes, there is a structured mechanism for career guidance and placement of its students in the name of Training and Placement Cell (TPC), a career counseling center. The services provided are:

- Placement Cell renders guidance to students in a formal way. It organizes lectures on career opportunities.
- It invites companies for campus recruitment and sometimes students are sent to off campus interviews.
- Besides campus drives, it conducts aptitude tests, personality development and inter- personal communication workshops and entrepreneurship development programmes with external experts.
- It arranges in-plant training to the industries during vacation.
- It recommends names of graduates for recruitment in various industries.
- It announces opportunities available for placement and higher studies and competitive exams.

## List of Companies Visited and students placed in Placement Drives 2015-16

**2015-16 PLACEMENTS DETAILS**

S.NO	COMPANY NAME	NO.OF STUDENTS SELECTED	CTC
1.	GLENWOOD SYSTEMS, CHENNAI	2	1.80 LPA
2.	MAGNAQUEST, HYDERABAD	1	3.2 LPA
3.	VEE TECHNOLOGIES, BANGLORE	12	1.50 LPA
4.	ALL ONLINE , BHUBANESWAR	16	3.0 LPA
5.	HGS, BANGLORE	18	2.80 LPA
6.	INTONE NETWORKS, HYDERABAD	10	1.44 LPA
7.	SUTHERLAND GLOBAL SOLUTIONS, CHENNAI	22	1.80 LPA
8.	YATRAGENIE, VIJAYAWADA	3	1.50 LPA
9.	AKUVA INFOTECH, BANGLORE	3	1.02 LPA
10.	S' PEAK SOLUTIONS, VIJAYAWADA	26	1.50 LPA
11.	AXNESS TECHNOLOGIES, HYDERABAD	6	2.40 LPA
12.	DHARANI TECHNOLOGIES, HYDERABAD	3	1.50 LPA
13.	TATA CONSULTANCY SERVICES(TCS),BANGLORE	1	2.4 LPA
14.	REHABOTH SURVEYS, HYDERABAD	24	1.40 LPA
15.	SYNTEL, HYDERABAD	1	2.8 LPA
16.	LEGEND ENGINEERS, HYDERABAD	3	1.20 LPA
17.	ZEALOUS SERVICES, CHENNAI	31	1.20 LPA
18.	TECH MAHINDRA, HYDERABAD	3	1.2 LPA
19.	ICICI LOMBARD, HYDERABAD	7	1.2 LPA
20.	EUREKHA FORBES, HYDERABADA	4	1.2 LPA
21.	AMAZON, HYDERABAD	1	3.4 LPA
22.	HGS, BANGLORE	2	1.5 LPA
23.	SUBHAGRUHA , HYDERABAD	2	1.2 LPA
24.	SOFTWARE SOLUTIONS, HYDERABAD	2	1.2 LPA
25.	NIVRITI SOLUTIONS, GUNTUR	3	1.02 LPA
26.	KALLAM SPINNING MILLS, ADDANKI	21	1.44 LPA
27.	EXIDE LIFE INSURANCE LTD, CHENNAI	15	2.40 LPA
28.	KIRLOSKAR TOYOTA(KTTM) , BANGLORE	5	3.60 LPA

**GLENWOOD SYSTEMS, CHENNAI**

S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1	128X1A0441	Kaza Sri Vidyadhari	ECE	OFF CAMPUS

2	128X1A0442	Kommalapati Vyshnavi	ECE	OFF CAMPUS
<b>Magnaquest, Hyderabad</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	128X1A0533	Thulluru Indu Priya	CSE	OFF CAMPUS
<b>Vee technologies, banglore</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	128X1A0441	Kaza Sri vidyadhari	ECE	ON CAMPUS
2	128X1A0442	Kommalapati Vyshnavi	ECE	ON CAMPUS
3	128X1A0406	B. Aparna Sai Sree	ECE	ON CAMPUS
4	128X1A0494	Varikallu Pavan kumar	ECE	ON CAMPUS
5	128X1A0428	Dudekula Rafi	ECE	ON CAMPUS
6	128X1A0465	Pilla Kavya	ECE	ON CAMPUS
7	128X1A0437	Kandi Akhila	ECE	ON CAMPUS
8	128X1A0429	G. Krishna Priya	ECE	ON CAMPUS
9	128X1A0486	Tamma Bindupriya	ECE	ON CAMPUS
10	128X1A0470	Ravuru Poojitha durga	ECE	ON CAMPUS
11	128X1A0530	Sri Lakshmi Sindhuja Malapati	CSE	ON CAMPUS
12	128X1A0112	Dharanikota Sai Paresh	CE	ON CAMPUS
<b>HGS, BANGLORE</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	128X1A0465	Pilla Kavya	ECE	OFF CAMPUS
2	128X1A0441	Kaza Srividhyadhari	ECE	OFF CAMPUS
3	128X1A0489	Thikkisetty Priyanka	ECE	OFF CAMPUS
4	128X1A0431	Gollapudi Vamsi Krishna	ECE	<b>ON CAMPUS</b>
5	128X1A0494	Varikallu Pavan Kumar	ECE	ON CAMPUS
6	128X1A0487	Telaprolu Sivaji	ECE	ON CAMPUS
7	128X1A0486	Tamma Bindupriya	ECE	ON CAMPUS
8	128X1A0463	Pasupulati Amani	ECE	ON CAMPUS

9	128X1A0430	Ganta Radhika	ECE	ON CAMPUS
10	128X1A0448	Mandala Lakshmi Naga Sindhu	ECE	ON CAMPUS
11	128X1A04A0	Yelchuri Rajesh Kumar	ECE	ON CAMPUS
12	128X1A0411	Billuri Naga Priyanka	ECE	ON CAMPUS
13	128X1A0518	Nadimpalli Phani Gayatri	CSE	ON CAMPUS
14	128X1A0313	Duddela Bhanu Kiran	ME	ON CAMPUS
15	128X1A0203	Badduri Tulasiram Reddy	EEE	ON CAMPUS
16	128X1A0211	Pidaparathi Sainadh Reddy	EEE	ON CAMPUS
17	128X1A0215	Yeddu Karthik Yadav	EEE	ON CAMPUS
18	138X5A0213	P. Sai teja	EEE	ON CAMPUS
<b>ALL ONLINE, BHUBANESWAR</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	128X1A0505	Bommisetty lakshmi nikhitha	CSE	ON-CAMPUS
2	128X1A0539	Vippala geetha reddy	CSE	ON-CAMPUS
3	128X1A0211	Pidaparathi sainadh reddy	EEE	ON-CAMPUS
4	138X5A0218	Sk. Zunaid	EEE	ON-CAMPUS
5	128X1A0131	Mahammad. Mansoor	CE	ON-CAMPUS
6	128X1A0306	Bollimuntha hari krishna	ME	ON-CAMPUS
7	138X5A0305	Tellamekala krishna kanth	ME	ON-CAMPUS
8	128X1A0352	Sunkara vamsi krishna	ME	ON-CAMPUS
9	128X1A0326	Madiseti manikanta	ME	ON-CAMPUS
10	128X1A0325	Kurapati hanumantha rao	ME	ON-CAMPUS
11	128X1A0458	Myla sravya	ECE	ON-CAMPUS
12	138X5A0108	Kola. Bhanu pratap	CE	ON-CAMPUS
13	138X5A0110	Vasa.srikanth	CE	ON-CAMPUS
14	138X5A0101	Annapureddy. Siva krishna	CE	ON-CAMPUS
15	128X1A0120	Karumuri. Sai krishna reddy	CE	ON-CAMPUS
16	128X1A0140	Piduguralla. Bharadwaja prapulla	CE	ON-CAMPUS



<b>INTONE NETWORKS, HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	128X1A0488	Tenali eknath	ECE	ON- CAMPUS
2	128X1A0123	Konda. Durga sindhu sree	CE	ON- CAMPUS
3	128X1A0506	Bommu priya reddy	CSE	ON- CAMPUS
4	128X1A0502	Allu sai mahitha	CSE	ON- CAMPUS
5	128X1A0518	Nadimpalli phani gayatri	CSE	ON- CAMPUS
6	118X1A0526	Jonnala ramya reddy	CSE	ON- CAMPUS
7	128X1A0442	Kommalapati vyshnavi	ECE	ON- CAMPUS
8	128X1A0441	Kaza srividyardhari	ECE	ON- CAMPUS
9	128X1A0489	Thikkisetty priyanka	ECE	ON- CAMPUS
10	128X1A0470	Ravuru poojitha durga	ECE	ON- CAMPUS
<b>SUTHERLAND, GLOBAL SOLUTIONS</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1.	128X1A0320	Hara mohan bharadwaj kallam	ME	ON-CAMPUS
2	128X1A0310	Chegudi praveen kumar	ME	ON-CAMPUS
3	128X1A0508	Gayam manikanth reddy	CSE	ON-CAMPUS
4	128X1A0523	Preetham mutluru	CSE	ON-CAMPUS
5	128X1A0458	Myla sravya	ECE	ON-CAMPUS
6	138X5A0403	Pasupuleti uma maheswara rao	ECE	ON-CAMPUS
7	128X1A0533	Thulluru indu priya	CSE	ON-CAMPUS
8	128X1A0517	Mullapudi sri lakshmi	CSE	ON-CAMPUS
9	128X1A0203	Badduri tulasiram reddy	EEE	ON-CAMPUS
10	128X1A0470	Ravuru poojitha durga	ECE	ON-CAMPUS
11	128X1A0465	Pilla kavya	ECE	ON-CAMPUS
12	128X1A0530	Sri lakshmi sindhuja malapati	CSE	ON-CAMPUS
13	128X1A0506	Bommu priya reddy	CSE	ON-CAMPUS
14	128X1A0520	Namburu b v l p manoj	CSE	ON-CAMPUS

15	128X1A0539	Vippala geetha reddy	CSE	ON-CAMPUS
16	128X1A0453	Mohammed imran	ECE	ON-CAMPUS
17	118X1A0526	Jonnala ramya reddy	CSE	ON-CAMPUS
18	128X1A0452	Meerja reshma	ECE	ON-CAMPUS
19	138X5A0201	A.manohar aravind	EEE	ON-CAMPUS
21	128X1A0483	Shaik yusuf	ECE	ON-CAMPUS
22	128X1A0456	Munnangi gopala krishna reddy	ECE	ON-CAMPUS
23	128X1A0488	Tenali eknath	ECE	ON-CAMPUS
<b>S' PEAK SOLUTIONS, VIJAYAWADA</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1.	128X1A0487	T. Sivaji	ECE	ON-CAMPUS
2.	128X1A0470	R. Durga poojitha	ECE	ON-CAMPUS
3.	128X1A0467	P. Lakshmi mounika	ECE	ON-CAMPUS
4.	128X1A0498	Y. Tirumalesh	ECE	ON-CAMPUS
5.	128X1A0448	M. Lakshmi naga sindhu	ECE	ON-CAMPUS
6.	128X1A0428	D. Rafi	ECE	ON-CAMPUS
7.	128X1A0468	P. Radhika	ECE	ON-CAMPUS
8.	128X1A0452	M. Reshma	ECE	ON-CAMPUS
9.	128X1A0483	Sk. Yusuf	ECE	ON-CAMPUS
10.	128X1A0465	P. Kavya	ECE	ON-CAMPUS
11.	128X1A0412	B. Thirupathireddy	ECE	ON-CAMPUS
12.	128X1A0474	S. Aditya	ECE	ON-CAMPUS
13.	128X1A0416	Ch. Kavyasree	ECE	ON-CAMPUS
14.	118X1A0419	G. Saimadhu	ECE	ON-CAMPUS
15.	128X1A0410	B. Kiran kumar	ECE	ON-CAMPUS
16.	128X1A0530	M. Lakshmi sindhuja	CSE	ON-CAMPUS

17.	128X1A0535	T. Durga sai sree	CSE	ON-CAMPUS
18.	128X1A0518	N. Phani gayatri	CSE	ON-CAMPUS
19.	128X1A0513	K. Rajasekhar reddy	CSE	ON-CAMPUS
20.	138X5A0103	D. Kamalakar	CE	ON-CAMPUS
21.	128X1A0215	Y. Karthik	EEE	ON-CAMPUS
22.	128X1A0318	G. Harshavardhan reddy	ME	ON-CAMPUS
23.	128X1A0316	G. Bhargav	ME	ON-CAMPUS
24.	128X1A0351	S. Ashok kumar	ME	ON-CAMPUS
25.	128X1A0337	P. Sairammurthy	ME	ON-CAMPUS
26.	128X1A0348	Sk. Nagur vali	ME	ON-CAMPUS
<b>AKUVA INFOTECH, BANGLORE</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1.	128X1A0326	Madiseti manikanta	ME	ON-CAMPUS
2.	128X1A0310	Chegudi praveen kumar	ME	ON-CAMPUS
3.	128X1A0352	Sunkara vamsi krishna	ME	ON-CAMPUS

<b>AXNESS TECHNOLOGIES, HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1.	128X1A0488	T. Eknath	ECE	ON-CAMPUS
2.	128X1A0406	B. Aparna sai sree	ECE	ON-CAMPUS
3.	128X1A0431	G. Vamsi krishna	ECE	ON-CAMPUS
4.	128X1A0436	K. Ajay reddy	ECE	ON-CAMPUS
5.	128X1A0208	Rabbani	EEE	ON-CAMPUS
6.	128X1A0203	Tulasi ramreddy	EEE	ON-CAMPUS

<b>DHARANI TECHNOLOGIES, HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1.	128X1A0436	Kamatham. Ajay reddy	ECE	ON-CAMPUS
2.	128X1A0487	Sivaji.telaprolu	ECE	ON-CAMPUS
3.	128X1A0530	M. Sri lakshmi sindhuja	CSE	ON-CAMPUS

<b>REHABOOTH SURVEYS, HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1.	128X1A0112	D. Sai paresh	CE	ON-CAMPUS
2.	128X1A0113	E. Lakshmareddy	CE	ON-CAMPUS
3.	128X1A0119	K. Srinivasa reddy	CE	ON-CAMPUS
4.	128X1A0120	K. Sai krishna reddy	CE	ON-CAMPUS
5.	128X1A0127	M. Bhardwaj	CE	ON-CAMPUS
6.	128X1A0130	M.narasimha rao	CE	ON-CAMPUS
7.	128X1A0131	Md. Mansoor	CE	ON-CAMPUS
8.	128X1A0133	M. Vinay	CE	ON-CAMPUS
9.	128X1A0138	P. Rajasekhar	CE	ON-CAMPUS
10.	128X1A0140	P. Bhardwaja prapulla	CE	ON-CAMPUS
11.	128X1A0144	Sk. Ibrahim	CE	ON-CAMPUS
12.	128X1A0145	Sk. Karimulla	CE	ON-CAMPUS
13.	128X1A0148	Sk. Sufique	CE	ON-CAMPUS
14.	128X1A0149	Sk. Yasin basha	CE	ON-CAMPUS
15.	128X1A0153	T. Manoj kumar reddy	CE	ON-CAMPUS
16.	128X1A0154	T. Upamanyu viswanath	CE	ON-CAMPUS
17.	128X1A0155	V.raju	CE	ON-CAMPUS
18.	128X1A0156	V. Srikanth	CE	ON-CAMPUS
19.	138X5A0103	D. Kamalakar	CE	ON-CAMPUS
20.	138X5A0104	G.v.g. jagadish	CE	ON-CAMPUS
21.	138X5A0107	K. Ramu	CE	ON-CAMPUS
22.	138X5A0108	K. Bhanupratap	CE	ON-CAMPUS

23.	138X5A0110	V. Srikanth	CE	ON-CAMPUS
24.	138X5A0112	V. Nagendra babu	CE	ON-CAMPUS

**LEGEND ENGINEERS, HYDERABAD**

S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1.	128X1A0336	N.s.sri krishna vinayak	ME	ON-CAMPUS
2.	128X1A0301	A. Pavan kumar	ME	ON-CAMPUS
3.	128X1A0331	M. Raghavendra reddy	ME	ON-CAMPUS

**ZEALOUS SERVICES, CHENNAI**

S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1.	128X1A0138	P. Rajasekhar	CE	ON-CAMPUS
2.	128X1A0104	B. Venkata sai koteswara rao	CE	ON-CAMPUS
3.	128X1A0116	G. j. v. vijaya lakshmi	CE	ON-CAMPUS
4.	128X1A0147	Sk. Sameemullah	CE	ON-CAMPUS
5.	128X1A0123	K. Durga sindhu sree	CE	ON-CAMPUS
6.	138X5A0217	Sk. Nurani	EEE	ON-CAMPUS
7.	138X5A0218	Sk. Zunaid	EEE	ON-CAMPUS
8.	128X1A0336	N. Sai srikrishna vinayak	ME	ON-CAMPUS
9.	128X1A0316	G. Bhargav	ME	ON-CAMPUS
10.	128X1A0423	D. Venkata reddy	ECE	ON-CAMPUS
11.	138X5A0401	B. Bhargav sai	ECE	ON-CAMPUS
12.	128X1A0444	K. Saranesh	ECE	ON-CAMPUS
13.	128X1A0478	Sk. Kasim saida	ECE	ON-CAMPUS
14.	128X1A0419	Ch. Lakshmi saraswathi	ECE	ON-CAMPUS
15.	128X1A0458	M. Sravya	ECE	ON-CAMPUS
16.	128X1A0487	T. Sivaji	ECE	ON-CAMPUS
17.	128X1A0427	D. Sai teja	ECE	ON-CAMPUS
18.	128X1A0493	V. Sarala	ECE	ON-CAMPUS
19.	128X1A0406	Aparna sai sree	ECE	ON-CAMPUS
20.	128X1A0401	A. Ashok	ECE	ON-CAMPUS

21.	128X1A0476	Sk. Farjana	ECE	ON-CAMPUS
22.	128X1A0453	Md. Imran	ECE	ON-CAMPUS
23.	128X1A0404	A. Manikanta	ECE	ON-CAMPUS
24.	128X1A0432	G. Chandra sekhar	ECE	ON-CAMPUS
25.	128X1A0475	Sk. Fakruddin	ECE	ON-CAMPUS
26.	128X1A0402	A. Vamsi krishna	ECE	ON-CAMPUS
27.	128X1A0455	M. Bhargav	ECE	ON-CAMPUS
28.	128X1A0483	A akhil reddy	CSE	ON-CAMPUS
29.	128X1A0524	P. Kiran	CSE	ON-CAMPUS
30.	128X1A0513	K. Rajasekhar reddy	CSE	ON-CAMPUS

**TECH MAHINDRA, HYDERABAD**

S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1.	128X1A0401	A. Ashok	ECE	ON-CAMPUS
2.	128X1A0441	K. Vidyadhari	ECE	ON-CAMPUS
3.	128X1A0442	Kommalapati vyshnavi	ECE	ON-CAMPUS

**ICICI LOMBARD, HYDERABAD**

S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1.	128X1A0401	A. Ashok	ECE	ON-CAMPUS
2.	128X1A0413	B. Adi mahalakshmi	ECE	ON-CAMPUS
3.	128X1A0428	D. Rafi	ECE	ON-CAMPUS
4.	128X1A0427	Sai teja	ECE	ON-CAMPUS
5.	128X1A0444	Saranesh	ECE	ON-CAMPUS
6.	128X1A0419	Ch. Lakshmi sarswathi	ECE	ON-CAMPUS

**EUREKHA FORBES, HYDERABADA**

S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1.	128X1A0401	A. Ashok	ECE	OFF-CAMPUS
2.	128X1A0413	B. Adi mahalakshmi	ECE	OFF-CAMPUS
3.	128X1A0427	Sai teja	ECE	OFF-CAMPUS
4.	128X1A0444	Saranesh	ECE	OFF-CAMPUS

<b>AMAZONE, HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF Campus</b>
1.	128X1A0441	K. Vidyadhari	ECE	OFF-CAMPUS
<b>HGS, BANGALORE</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF Campus</b>
1.	128X1A0456	M. Gopala krishna reddy	ECE	OFF-CAMPUS
2.	128X1A0469	R. Manoj reddy	ECE	OFF-CAMPUS
<b>SUBHAGRUHA , HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF Campus</b>
1.	128X1A0456	M. Gopala krishna reddy	ECE	OFF-CAMPUS
2.	128X1A0469	R. Manoj reddy	ECE	OFF-CAMPUS
<b>SOFTWARE SOLUTIONS, HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF Campus</b>
1.	128X1A0505	B.lakshmi nikhitha	CSE	OFF-CAMPUS
2.	128X1A0521	P.khaleel khan	CSE	OFF-CAMPUS
<b>NIVRITI SOLUTIONS, GUNTUR</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF Campus</b>
1.	128X1A0530	M.lakshmi sindhuja	CSE	OFF-CAMPUS
2.	138X5A0218	Sk. Zunaid	EEE	OFF-CAMPUS
3.	128X1A0505	B.lakshmi nikhitha	CSE	OFF-CAMPUS
<b>EXIDE BATARIES INSURANCE LTD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF Campus</b>
1.	128X1A0127	M. Bhardwaj	CE	ON- CAMPUS
2.	138X5A0107	K. Ramu	CE	ON- CAMPUS
3.	138X5A0217	Sk. Nurani	EEE	ON- CAMPUS
4.	128X1A0351	S. Ahok kumar	ME	ON- CAMPUS
5.	128X1A0458	M. Sravya	ECE	ON- CAMPUS
6.	128X1A0442	K. Vishnavi	ECE	ON- CAMPUS
7.	128X1A0427	D. Saiteja	ECE	ON- CAMPUS
8.	128X1A0483	Sk. Yusuf	ECE	ON- CAMPUS

9.	128X1A0444	K. Saranesh	ECE	ON- CAMPUS
10	128X1A0453	Md. Imran	ECE	ON- CAMPUS
11.	128X1A0447	M. Suresh babu	ECE	ON- CAMPUS
12.	128X1A0402	A. Vamsi krishna	ECE	ON- CAMPUS
13.	128X1A0524	P. Kiran	CSE	ON- CAMPUS
14.	128X1A0530	M. Lakshmi sindhuja	CSE	ON- CAMPUS
15.	128X1A0513	K. Rajasekhar	CSE	ON- CAMPUS
<b>TCS,BANGLORE</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF Campus</b>
1.	128X1A0486	Tamma bindupriya	ECE	OFF-CAMPUS
<b>KALLAM SPINNING MILLS, ADDANKI</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF Campus</b>
1.	128X1A0302	A. Sankar	ME	ON-CAMPUS
2.	128X1A0305	B. Siva ramakrishna reddy	ME	ON-CAMPUS
3.	128X1A0308	Ch. Manohar reddy	ME	ON-CAMPUS
4.	128X1A0309	Ch. Pavan kumar	ME	ON-CAMPUS
5.	128X1A0311	Ch. Akhil teja	ME	ON-CAMPUS
6.	128X1A0312	D.g.s.s.kumar	ME	ON-CAMPUS
7.	128X1A0314	E. Ramakrishna	ME	ON-CAMPUS
8.	128X1A0318	G. Harshavardhan reddy	ME	ON-CAMPUS
9.	128X1A0319	G. Rajkumar	ME	ON-CAMPUS
10.	128X1A0321	K. Harshavardhan	ME	ON-CAMPUS
11.	128X1A0326	M. Manikanta	ME	ON-CAMPUS
12.	128X1A0327	M.v. vamsikrishna	ME	ON-CAMPUS
13.	128X1A0335	N. Vamsi krishna	ME	ON-CAMPUS
14.	128X1A0348	Sk. Nagur vali	ME	ON-CAMPUS
15.	128X1A0349	Sk. Sajid	ME	ON-CAMPUS
16.	128X1A0351	S. Ahok kumar	ME	ON-CAMPUS
17.	128X1A0358	G. V. Koteswara rao	ME	ON-CAMPUS
18.	138X5A0302	K. Harikrishna	ME	ON-CAMPUS



19.	138X5A0305	T. Krishnakanth	ME	ON-CAMPUS
20.	138X5A0104	G.v.g.jagadish	CE	ON-CAMPUS
21.	128X1A0138	P. Raja sekhar	CE	ON-CAMPUS

**KIRLOSKAR TOYOTA(KTTM) , BANGALORE**

S.NO	HT.NO	Name of the student	Branch	ON/ OFF Campus
1.	128X1A0327	M. Venkata vamsi krishna	ME	ON-CAMPUS
2.	128X1A0301	A. Pavan kumar	ME	ON-CAMPUS
3.	128X1A0319	G. Raj kumar	ME	ON-CAMPUS
4.	128X1A0203	B. Tulasi ramreddy	EEE	ON-CAMPUS
5.	138X5A0212	P. Chandra sekhar	EEE	ON-CAMPUS

**2015-16 PLACEMENTS**

SPEAK SOLUTIONS, VIJAYAWADA,



REHOBOTH SURVEYS, HYDERABAD

**List of Companies Visited and students placed in Placement Drives 2014-15**



KIRLOSKAR TOYOTA, BANGLORE.

HINDU GLOBAL SOLUTIONS, BANGLORE

**2014-15 PLACEMENTS DETAILS**

S.NO	COMPANY NAME	NO.OF STUDENTS SELECTED	CTC
1.	Fony technologies, coimbatore	7	3.20 LPA
2.	Thinktel m3 solutions, chennai	7	1.44 LPA
3.	Dv technologies, banglore	7	1.5 LPA
4.	Iic technologies, hyderabad	9	1.10 LPA
5.	Akuva info, banglore	2	1.2LPA
6.	Dharani technologies, guntur	3	1.20 LPA
7.	Satra group, hyderabad	7	1.86 LPA
8.	Taa bss, hyderabad	14	1.20 LPA
9.	Truetzschler india, ahmedabad	12	1.44 LPA
10.	Global logic, hyderabad	10	1.44 LPA
11.	Paxterra software, banglore	7	2.40 LPA
12.	Hinduja global, guntur	23	1.10 LPA
13.	Yatra genie, banglore	10	1.20 LPA
14.	Zealous service, chennai	14	1.20 LPA

**AKUVA INFOTECH, BANGLORE**

S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1	118X1A0312	D Lalit Sagar	ME	ON CAMPUS
2	118X1A0329	Pendela Chiranjeevi	ME	ON CAMPUS

<b>DHARANI TECHNOLOGIES, GUNTUR</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	118X1A0208	Kosana Srikanth	EEE	ON CAMPUS
2	118X1A0512	C T Nalini	CSE	ON CAMPUS
3	128X5A0501	Neela Venkata Gopi. T	CSE	ON CAMPUS
<b>DV TECHNOLOGIES, BANGLORE</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	118X1A0454	Para Sowmya	ECE	ON CAMPUS
2	118X1A0457	Pula Harshitha	ECE	ON CAMPUS
3	118X1A0477	Thiyyagura Sai Kishore Reddy	ECE	ON CAMPUS
4	118X1A0482	Vanga Manohar Reddy	ECE	ON CAMPUS
5	118X1A0517	Chilaka Usha Rani	CSE	ON CAMPUS
6	118X1A0536	Movva Yogitha	CSE	ON CAMPUS
7	118X1A0539	Nagella Giridhar	CSE	ON CAMPUS
<b>FONY TECHNOLOGIES, COIMBATOR</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	118X1A0450	Muttimala Hemanth Kumar	ECE	ON CAMPUS
2	118X1A0481	Vaddarapu Thriveni	ECE	ON CAMPUS
3	118X1A0485	Videla Venkatesh Kumar	ECE	ON CAMPUS
4	118X1A0512	C T Nalini	CSE	ON CAMPUS
5	118X1A0534	Miriyampalli Sai Tharun	CSE	ON CAMPUS
6	118X1A0536	Movva Yogitha	CSE	ON CAMPUS
7	118X1A0554	Koti Kavitha Rani	CSE	ON CAMPUS
<b>GLOBAL LOGIC, HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	118X1A0115	Kikkuru sai surendra reddy	CE	ON CAMPUS
2	118X1A0116	Kopparthi sai sri rama vineeth	CE	ON CAMPUS
3	118X1A0322	Kurivella k v krishna sai	ME	ON CAMPUS

4	118X1A0340	Syed karimullah	ME	ON CAMPUS
5	118X1A0343	Vanga kodanda rami reddy	ME	ON CAMPUS
6	118X1A0415	Danam naga lakshmi swathi	ECE	ON CAMPUS
7	118X1A0428	Kalisetty Dakshayani	ECE	ON CAMPUS
8	118X1A0433	Konda hari krishna reddy	ECE	ON CAMPUS
9	118X1A0434	K lakshmi pavani	ECE	ON CAMPUS
10	118X1A0454	Para sowmya	ECE	ON CAMPUS
11	118X1A0461	Sanampudi priyanka	ECE	ON CAMPUS
12	118X1A0467	Sk hameed	ECE	ON CAMPUS
13	118X1A0469	Sk mobeena	ECE	ON CAMPUS
14	118X1A0470	Sk nazir basha	ECE	ON CAMPUS
15	118X1A0477	Thiyyagura sai kishore reddy	ECE	ON CAMPUS
16	118X1A0482	Vanga manohar reddy	ECE	ON CAMPUS
17	118X1A0484	Vemula mallikharjuna rao	ECE	ON CAMPUS
18	118X1A0501	Alla durga bhavani	CSE	ON CAMPUS
19	118X1A0534	Miriyampalli sai tharun	CSE	ON CAMPUS
20	118X1A0536	Movva yogitha	CSE	ON CAMPUS
21	118X1A0540	Pabbisetty sindhura	CSE	ON CAMPUS
22	118X1A0546	Pulagam divya	CSE	ON CAMPUS
23	118X1A0552	Vuyyuru srikanth	CSE	ON CAMPUS
24	118X1A0554	Koti kavitha rani	CSE	ON CAMPUS

**HINDUJA GLOABAL SOLUTIONS**

S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1	118X1A0401	Amith jetty	ECE	ON CAMPUS
2	118X1A0402	A srinath	ECE	ON CAMPUS
3	118X1A0403	A lalith sagar	ECE	ON CAMPUS
4	118X1A0404	Anantha srividya	ECE	ON CAMPUS
5	118X1A0406	A bhagya sri	ECE	ON CAMPUS
6	118X1A0415	Danam naga lakshmi swathi	ECE	ON CAMPUS
7	118X1A0426	Kadiyam sowndarya	ECE	ON CAMPUS

8	118X1A0428	K dakshayini	ECE	ON CAMPUS
9	118X1A0432	K mohana ravali	ECE	ON CAMPUS
10	118X1A0434	K lakshmi pavani	ECE	ON CAMPUS
11	118X1A0435	K manasa	ECE	ON CAMPUS
12	118X1A0444	M naga laskhmi	ECE	ON CAMPUS
13	118X1A0445	M naga durga prasad	ECE	ON CAMPUS
14	118X1A0447	M swapna	ECE	ON CAMPUS
15	118X1A0466	Shaik azaruddin	ECE	ON CAMPUS
16	118X1A0504	Anumala lalitha	CSE	ON CAMPUS
17	118X1A0516	Cherukuri rakesh	CSE	ON CAMPUS
18	118X1A0517	Ch usha rani	CSE	ON CAMPUS
19	118X1A0523	Gumma karthik gopal	CSE	ON CAMPUS
20	118X1A0545	P jhansi durga	CSE	ON CAMPUS
21	118X1A0438	Kota keerthi	ECE	ON CAMPUS
22	128X5A0202	Sk nageena begum	EEE	ON CAMPUS
23	128X5A0204	Yamavarapu ganesh	EEE	ON CAMPUS
<b>IIC TECHNOLOGIES, HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	108X1A0323	K vijaya bhaskara reddy	ME	ON CAMPUS
2	118X1A0115	Kikkuru sai surendra reddy	CE	ON CAMPUS
3	118X1A0116	Kopparthi sai sri rama vineeth	CE	ON CAMPUS
4	118X1A0118	Mallela satishkumar	CE	ON CAMPUS
5	118X1A0302	Akula venkata manikanta kishore	ME	ON CAMPUS
6	118X1A0303	Alladi Avinash	ME	ON CAMPUS
7	118X1A0321	Kota Eswar Sai Vara Prasad	ME	ON CAMPUS
8	118X1A0343	Vanga Kodanda Rami Reddy	ME	ON CAMPUS
9	128X5A0301	N Jaya Phanindra Kumar	ME	ON CAMPUS
<b>PAXTERRA SOFTWARE, BANGALORE</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>

1	118X1A0214	Vajrala koti reddy	EEE	ON CAMPUS
2	118X1A0406	Avula bhagyasree	ECE	ON CAMPUS
3	118X1A0448	Mothukuri chandra mouli	ECE	ON CAMPUS
4	118X1A0455	Pidaparathi supriya	ECE	ON CAMPUS
5	118X1A0462	Sanivarapu amar lingeswara reddy	ECE	ON CAMPUS
6	118X1A0486	Vikkurthi bharathi	ECE	ON CAMPUS
7	118X1A0536	Movva yogitha	CSE	ON CAMPUS
<b>SATRA GROUP, Hyderabad</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	118X1A0110	Gorijala Thrinath	CE	OFF CAMPUS
2	118X1A0113	Jampani Sandeep Kumar	CE	OFF CAMPUS
3	118X1A0115	Kikkuru Sai Surendra Reddy	CE	OFF CAMPUS
4	118X1A0116	Kopparthi Sai Sri Rama Vineeth	CE	OFF CAMPUS
5	118X1A0118	Mallela Satishkumar	CE	OFF CAMPUS
6	118X1A0133	Shaik Hasnuzama Maseed	CE	OFF CAMPUS
7	118X1A0134	Shaik Masthani	CE	OFF CAMPUS
<b>TATA-BS, HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	118X1A0326	Ommi abhishek	ME	ON CAMPUS
2	118X1A0335	Shaik abdul vahab	ME	ON CAMPUS
3	118X1A0338	Sk rabbani	ME	ON CAMPUS
4	118X1A0340	Syed karimullah	ME	ON CAMPUS
5	118X1A0428	K dakshayini	ECE	ON CAMPUS
6	118X1A0434	K lakshmi pavani	ECE	ON CAMPUS
7	118X1A0464	Shaik abdul ghaffar	ECE	ON CAMPUS
8	118X1A0466	Shaik azaruddin	ECE	ON CAMPUS
9	118X1A0469	Sk mubeena	ECE	ON CAMPUS
10	118X1A0472	Shaik sabeer	ECE	ON CAMPUS
11	118X1A0540	P sindhura	CSE	ON CAMPUS

12	118X1A0554	Kavitha rani	CSE	ON CAMPUS
13	128X5A0107	Shaik mohammad younus	CE	ON CAMPUS
14	128X5A0202	Sk nageena begum	CE	ON CAMPUS
<b>THINK TEL M3 SOLUTIONS, CHENNAI</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	118X1A0214	V. Koti reddy	EEE	ON CAMPUS
2	118X1A0457	Pula harshitha	ECE	ON CAMPUS
3	118X1A0462	S amar lingeswara reddy	ECE	ON CAMPUS
4	118X1A0467	Shaik hameed	ECE	ON CAMPUS
5	118X1A0501	Alla durga bhavani	CSE	ON CAMPUS
6	118X1A0554	Koti kavitha rani	CSE	ON CAMPUS
7	128X5A0501	Neela venkata gopi. T	CSE	ON CAMPUS
<b>TRUETZSCHLER INDIA, AHMEDABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	108X1A0206	Cheerla ganeswar kumar	EEE	ON CAMPUS
2	118X1A0209	Maram rosi reddy	EEE	ON CAMPUS
3	118X1A0305	Badduri bhaskara reddy	ME	ON CAMPUS
4	118X1A0309	B kamalesh reddy	ME	ON CAMPUS
5	118X1A0315	Evuri venkata krishna reddy	ME	ON CAMPUS
6	118X1A0323	L vijay kumar reddy	ME	ON CAMPUS
7	118X1A0326	Ommi abhishek	ME	ON CAMPUS
8	118X1A0334	Remala yuva krishna	ME	ON CAMPUS
9	118X1A0344	Veluri mahendra reddy	ME	ON CAMPUS
10	128X5A0201	Kurra somasheekar	EEE	ON CAMPUS
11	128X5A0204	Y ganesh	EEE	ON CAMPUS
12	128X5A0301	N jaya phanindra kumar	ME	ON CAMPUS
<b>YATRAGENIE, BANGALORE</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	118X1A0403	Lalith sagar	ECE	ON CAMPUS
2	118X1A0416	Dasari aswani bharathi	ECE	ON CAMPUS

3	118X1A0428	Kalisetty dakshayani	ECE	ON CAMPUS
4	118X1A0445	Manepalli naga durga Prasad	ECE	ON CAMPUS
5	118X1A0469	Shaik mobeena	ECE	ON CAMPUS
6	118X1A0504	Anumala lalitha	CSE	ON CAMPUS
7	118X1A0510	Bhuma badari narayana	CSE	ON CAMPUS
8	118X1A0518	Dondeti subhashini	CSE	ON CAMPUS
9	118X1A0520	Gopidesi hemalatha	CSE	ON CAMPUS
10	128X5A0201	Kurra somasheekar	CSE	ON CAMPUS
<b>ZEALOUS SERVICES, CHENNAI</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	108X1A0348	Shaik Imran	ME	ON CAMPUS
2	118X1A0327	Padamata Gopi	ME	ON CAMPUS
3	118X1A0330	Prathipati Rajesh	ME	ON CAMPUS
4	118X1A0403	Aluri Lalith Sagar	ECE	ON CAMPUS
5	118X1A0469	Shaik Mobeena	ECE	ON CAMPUS
6	118X1A0472	Shaik Sabeer	ECE	ON CAMPUS
7	118X1A0476	Thamatam Suresh	ECE	ON CAMPUS
8	118X1A0516	Cherukuri Rakesh	CSE	ON CAMPUS
9	118X1A0523	Gumma Karthik Gopal	CSE	ON CAMPUS
10	118X1A0534	Miriyampalli Sai Tharun	CSE	ON CAMPUS
11	118X1A0552	Vuyyuru Srikanth	CSE	ON CAMPUS
12	118X1A0553	Gonuguntla Sai Raghu Ram	CSE	ON CAMPUS
13	128X5A0202	Shaik Nageena Begum	EEE	ON CAMPUS
14	128X5A0204	Yamavarapu Ganesh	EEE	ON CAMPUS



 <p><b>TATA BUSINESS SERVICES</b> HYDERABAD</p> <p><b>21 students selected</b></p> <p><b>2011 - 2015 BATCH</b> BRANCH : CSE, ECE &amp; EEE</p>	 <p><b>PAXTERRA SOFTWARE SOLUTIONS</b> BANGALORE</p> <p><b>27 STUDENTS SHORTLISTED</b></p> <p><b>BATCH : 2011 - 2015</b> BRANCH : ECE, CSE, &amp; EEE</p>
Tata Business Services, Hyderabad	Paxterra Software Solutions

### 2013-14 PLACEMENTS DETAILS

S.NO	COMPANY NAME	NO.OF STUDENTS SELECTED	CTC
1.	Idea Thon, Bangalore	2	1.8 LPA
2.	IIC Technologies, Hyderabad	5	1.5 LPA
3.	KK Circuits & Equipments LLCHyd	10	1.5 LPA
4.	Krushni Infra, Hyd	14	1.8 LPA
5.	Global Logic, Hyd	4	1.4-1.8LPA
6.	Agna Technologies	42	1.4-1.8LPA
7.	Kirloskar Toyota, Bangalore	3	1.4-1.8LPA
8.	Infosys, Bangalore	3	2.4 LPA

IDEA THON, BANGLORE				
S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1	108X1A0460	Yeruva Vivek Sai Pavan	ECE	OFF CAMPUS
2	108X1A0447	Tadikamalla Sarath	ECE	OFF CAMPUS
IIC Technologies, Hyderabad				
S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1	108X1A0315	Chava Kasyap	ME	OFF CAMPUS

2	108X1A0321	Guntupalli Raghava Krishna	ME	OFF CAMPUS
3	108X1A0307	Annapareddy Maheedhar	ME	OFF CAMPUS
4	108X1A0324	Kandikuppa Manoj Kumar	ME	OFF CAMPUS
5	108X1A0325	Kikkuru Venkata Suresh Reddy	ME	OFF CAMPUS
<b>KK CIRCUITS &amp; EQUIPMENTS LLC, HYDERABAD</b>				
S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1	118X5A0201	Pattan Babul Khan	EEE	ON CAMPUS
2	108X1A0205	Chavali Sai Venkata Phanindra	EEE	ON CAMPUS
3	108X1A0433	Parepalli Phanindra	ECE	ON CAMPUS
4	118X5A0403	Madaraju Bala Krishna	ECE	ON CAMPUS
5	108X1A0435	Pasupuleti Sai Kalyan	ECE	ON CAMPUS
6	108X1A0452	Vajrala Vinod Kumar Reddy	ECE	ON CAMPUS
7	108X1A0446	Sunkara Sivaramprasad	ECE	ON CAMPUS
8	108X1A0439	Rama Raju Vamsi Krishna	ECE	ON CAMPUS
9	108X1A0455	Vennakula Bhavani Prasad	ECE	ON CAMPUS
10	118X5A0406	Bandi Lakshmi Sireesh	ECE	ON CAMPUS
<b>KRUHSI INFRA, HYDERABAD</b>				
S.NO	HT.NO	Name of the student	Branch	ON/ OFF CAMPUS
1	108X1A0125	JSS Sandhya Rani	CE	ON CAMPUS
2	108X1A0109	Bhupal Reddy	CE	ON CAMPUS
3	108X1A0113	Dharma Teja	CE	ON CAMPUS
4	108X1A0127	K Lakshmi Jyothi	CE	ON CAMPUS
5	108X1A0147	Balarami Reddy	CE	ON CAMPUS
6	108X1A0154	V Ramesh	CE	ON CAMPUS
7	108X1A0135	Sitarami Reddy	CE	ON CAMPUS
8	108X1A0116	Musalaiah	CE	ON CAMPUS

9	108X1A0106	Manikanth Reddy	CE	ON CAMPUS
10	108X1A0124	J Udaya Bhanu	CE	ON CAMPUS
11	108X1A0301	A Sakesh	ME	ON CAMPUS
12	108X1A0356	Vinay Krishna	ME	ON CAMPUS
13	108X1A0331	Naresh	ME	ON CAMPUS
14	108X1A0354	T Gopi	ME	ON CAMPUS
<b>GLOBAL LOGIC, HYDERABAD</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	108X1A0321	G Raghava Krishna	ME	ON CAMPUS
2	108X1A0325	Venkata Suresh Reddy	ME	ON CAMPUS
3	108X1A0551	V Jaya Bharathi	CSE	ON CAMPUS
4	108X1A0501	Likitha Poornima	CSE	ON CAMPUS
<b>AGNA TECHNOLOGIES</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	108X1A0213	G. Vijaya lakshmi	EEE	ON CAMPUS
2	108X1A0239	V. V. Vijaya kusumanjali	EEE	ON CAMPUS
3	108X1A0209	D. Praveen kumar	EEE	ON CAMPUS
4	108X1A0322	J. Praveen kumar	ME	ON CAMPUS
5	108X1A0328	K. Murali krishna	ME	ON CAMPUS
6	108X1A0326	K. Anil kumar	ME	ON CAMPUS
7	108X1A0335	N. Kumar anudeep	ME	ON CAMPUS
8	108X1A0345	S.s.v. manikanta	ME	ON CAMPUS
9	108X1A0454	V. Sai kumar	ECE	ON CAMPUS
10	108X1A0420	K. Naga sai priyanka	ECE	ON CAMPUS
11	108X1A0408	Ch. Venkata sudhakar	ECE	ON CAMPUS
12	108X1A0409	Ch. Sambasiva rao	ECE	ON CAMPUS
13	108X1A0402	B. Venkata naveen kumar	ECE	ON CAMPUS

14	108X1A0407	Ch. Vishnu vardhan	ECE	ON CAMPUS
15	108X1A0405	B. Pavani prasanna	ECE	ON CAMPUS
16	108X1A0430	M. Siva kumar	ECE	ON CAMPUS
17	108X1A0431	P. Naga raju	ECE	ON CAMPUS
18	108X1A0410	G. Sai pratyusha	ECE	ON CAMPUS
19	108X1A0453	V. Nandan kumar	ECE	ON CAMPUS
20	118X5A0404	M. Naga prasanna kumar	ECE	ON CAMPUS
21	118X5A0407	M. Pratyusha	ECE	ON CAMPUS
22	108X1A0456	V. Naga bhavani	ECE	ON CAMPUS
23	108X1A0411	G. Ram gopal	ECE	ON CAMPUS
24	108X1A0538	P. Sandeep reddy	CSE	ON CAMPUS
25	108X1A0543	S. Jani babu	CSE	ON CAMPUS
26	108X1A0545	T.v.v.n. bala anvesh	CSE	ON CAMPUS
27	108X1A0552	V. Priyanka	CSE	ON CAMPUS
28	108X1A0537	P. Bhavya bhaskari	CSE	ON CAMPUS
29	108X1A0530	N. Tejomayi	CSE	ON CAMPUS
30	108X1A0550	V. Jyosthna	CSE	ON CAMPUS
31	108X1A0518	K. Nitin sai krishna	CSE	ON CAMPUS
32	108X1A0506	M. Asha latha	CSE	ON CAMPUS
33	108X1A0548	T. Anil	CSE	ON CAMPUS
34	108X1A0546	K. Tejalatha reddy	CSE	ON CAMPUS
35	108X1A0529	V. Niharika	CSE	ON CAMPUS
36	108X1A0520	K. Sireesha	CSE	ON CAMPUS
37	108X1A0526	M. Vijay bhaskar	CSE	ON CAMPUS
38	108X1A0528	M. Rajasekhar reddy	CSE	ON CAMPUS
39	108X1A0553	V. Charitha	CSE	ON CAMPUS
40	108X1A0525	Mallela divya	CSE	ON CAMPUS

41	118X5A0304	Gandikota sai babu	ME	ON CAMPUS
42	108X1A0501	Likitha poornima	CSE	ON CAMPUS
<b>KIRLOSKAR TOYOTA, BANGALORE</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	108X1A0357	V. Bhuvan chand	ME	ON CAMPUS
2	108X1A0307	A. Mahendra reddy	ME	ON CAMPUS
3	108X1A0356	V. Vinay krishna	ME	ON CAMPUS
<b>INFOSYS, BANGALORE</b>				
<b>S.NO</b>	<b>HT.NO</b>	<b>Name of the student</b>	<b>Branch</b>	<b>ON/ OFF CAMPUS</b>
1	108X1A0435	Pasupuleti Sai Kalyan	ME	OFF Campu
2	108X1A0460	Yeruva Vivek Sai Pavan	ECE	OFF CAMPUS
3	108X1A0427	M Lakshmi Naga Sindhura	ECE	OFF CAMPUS

**2013-14 PLACEMENTS**



Kirloskar Toyota Textile Machinery (KTTM). Bangalore



Infosys, Bangalore

**5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.**

Yes, student grievances cell has been functioning since inception. KHIT has a tutor system for guidance and counseling. Students can approach the tutors for any redressal of

grievances. The performance of students is communicated to the parents after every internal assessment. PTA Meeting is arranged once a year for conveying the performance of students to parents. Because of the above mentioned actions, no grievance has been received till date.

Name	Designation	Department	Status
Prof. K Srinivas	Professor	CE	Convener
Mr.K.Venkatesh	Asst. professor	CE	Member
Mr. G Raju	Assoc. professor	ME	Member
Mr. J Ravi Sankar	Assoc. professor	ECE	Member
Mr. M V N Murthy	Asst. professor	EEE	Member
Mr. V Rajiv Jetson	Assoc. professor	CSE	Member
Mr.M.Srinivasa Rao	Asst. professor	S&H	Member

**The basic function of the cell is to discuss the grievances received from aggrieved students and submit a report to the Principal, with recommendations. Major Grievances reported and action taken.**

S.No	Grievance Reported	Action taken
1	Increase number of food items in canteen	increased
2	Library timings to be 08.00 AM to 6.00 PM for the benefit of nearby students of our college	Provided
3	Increase of college bus stops in the city and new routes depending on the strength of students in that route.	Informed to the transport in charge and stops are increased
4	Damaged approach road from NH-5 to college ( water pits on the gravel roads during rainy season )	Repaired
5	Provide more sports kits	Provided
6	Request for more RTC buses for college campus.	RTC Bus Frequency of operations increased in the college route.
7	Purified water at various points in the building	Provided
8	Sliding windows in the college buses	Arranged

### 5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

An Women Empowerment and Grievance Cell is constituted with one senior woman faculty as convener, one woman faculty member from each department as members and a girl student representative from every class as members. The cell conducts meeting twice in every semester and discusses the problems related to girl students and members of lady faculty. The institute implements the recommendations made by the Cell. The members of the cell are:

S.No	Name	Designation	Department	Status
1	Mrs. V L Kiranmai	Asst. Professor	S&H	Convener
2	Dr. B Anupama	Asst. Professor	S&H	Co-convener
3	Mrs. C Suneetha	Asst. Professor	ECE	Member
4	Mrs. V Surekha	Asst. Professor	EEE	Member
5	Mrs. S L P Durga Devi	Asst. Professor	CE	Member
6	Mrs. K Santhi	Asst. Professor	CSE	Member

The procedure for creating awareness and to resolve grievances is:

- The cell creates awareness among the students through notices and interactive sessions.
  - When a complaint is received by the cell, it conducts an inquiry to identify the gravity of the offence and the veracity of the complaint.
  - Based on the evidence, the committee submits its report to the Principal for further action.
- But, so far no such incidents have occurred.

### 5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Anti-ragging committee is constituted in the institute which actively monitors the preventive actions to avoid ragging. Students are informed not to involve in any form of ragging. A circular with details of Anti-ragging Committee is circulated before the commencement of first year classes. Flex boards that displays cautions and instructions to students are kept at various locations of the campus and the same is displayed on the notice board. The details of the Anti-ragging committee are given below for the recent year (2015-16).

**Convenor: Dr. V Sreekumar Reddy, Professor, ECE**

**Members:**

S. NO.	NAME	DEPT.
1	Mr. D. Srinivasulu	ME
2	Mr. G. Laxminarayana	CSE
3	Mr. T. Srikanth Reddy	ECE
4	Mr. K. Venkatesh	CE
5	Mr. M V N Murthy	EEE
6	Dr. B. Laxmi	S&H

The members of committee counsels the needy and always maintains close monitoring of students to see that ragging instances does not take place in and outside of the campus. There is no single instance of ragging identified in the college from the day of inception of the college to this date.

#### **5.1.13 Enumerate the welfare schemes made available to students by the institution.**

- A doctor in general medicine is made available in the campus during college working hours.
- A special cell is constituted in main office to look after any help related to government scholarships.
- Store facility is available within the campus to offer Xerox and stationary service.
- Library is open from 7.30A.M. to 6.30P.M. to facilitate the early comers and late goers.
- Computer lab is also made available for day-scholars beyond the college working hours.

#### **5.1.14 Does the institution have a registered Alumni Association? If yes, what are the activities and major contributions for institutional, academic and infrastructure development?**

Yes, the college has the alumni association which was started in the year 2014.

- Institute conducts alumni meet every year.
- Institute has alumni data base.
- Institute invites alumni to give guest lecturers and interact with students to enhance the knowledge & skills of the students.
- Alumni association provides library facilities, computer lab facilities and financial aids to students.
- Alumni Association Chamber has been constructed



- Feedback on various parameters is taken related to the college
- Alumni supports placement activities of the students

## 5.2 Student Progression

### 5.2.1 Providing the percentage of students progressing their higher education and employment (for the last four batches)

Branch	Batch	2013- 14	2014- 15	2015- 16
CSE	UG to PG	02	02	4
	PG to Ph.D.	--	--	--
	Employed Campus selection	20	25	19
	Employed other than campus recruitment	--	--	1
	Total	20	25	24
ECE	UG to PG	01	07	-
	PG to Ph.D.	NA	NA	NA
	Employed Campus selection	23	37	47
	Employed Other than campus recruitment	5	-	22
	Total	29	44	69
EEE	UG to PG	02	01	--
	PG to M.Tech./ Ph.D.	--	--	--
	Employed Campus selection	05	07	09
	Employed Other than campus recruitment	04	01	--
	Total	11	09	09
ME	UG to PG	1	5	01
	PG to Ph.D.	--	--	--
	Employed Campus selection	15	21	31
	Employed Other than campus recruitment	--	--	--

	Total	16	26	31
CE	UG to PG	10	06	--
	PG to Ph.D.	--	--	--
	Employed Campus selection	10	06	42
	Employed Other than campus recruitment	--	07	--
	Total	20	19	42

**5.2.2 Provide details of the programmed-wise pass percentage and completion rate for the last four years (course wise / batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.**

Department	2015-16	2014-15	2013-14
CE	67.80%	70.50%	66.70%
EEE	74.04%	64.28%	56.6%
ECE	53.84%	65.33%	63.33%
CSE	59.45%	90%	85.7%
ME	74.46%	75%	75%

**5.2.3 How does the institution facilitate student progression to higher level of education and / or towards employment?**

- PG courses are offered in CSE, ME and CE branches of the college.
- The institute conducts training on reasoning, quantitative aptitude and interview skills so that student performance in recruitment process is improved.
- The institute also encourages students to write competitive exams like GATE, GRE, IELTS etc., which facilitates higher education to students.
- Pre-Placement Training Classes are conducted from III B Tech onwards.
- Assessment Tests are conducted for III & IV B Tech students.
- Premier companies HRs are invited as resource persons to bring awareness among the students on technical requirements in industries and for real world usage.

### 5.2.4 Enumerate the special support provided to students who are at risk of failure and dropout?

- The departments conduct extra classes for those students who are at risk of failure.
- The class teachers and head of the department give special counseling to the students who are at risk of failure and drop out students.
- The heads of the departments also talks to the parents of concerned students to identify a solution.
- The departments provide sufficient material and also conducts Revision classes to discuss previous question Papers.
- The institution pays special attention towards the student attendance by sending messages to the parents regularly which leads to minimization of dropouts.

	<b>CE</b>	<b>EEE</b>	<b>ME</b>	<b>ECE</b>	<b>CSE</b>
<b>2010-14</b>					
Students admitted	60	39	60	60	60
Drop outs	Nil	4	Nil	3	Nil
No of students completed in 4 years	22	18	39	38	41
<b>2011-15</b>					
Students admitted	44	16	45	87	54
Drop outs	Nil	1	1	1	1
No of students completed in 4 years	30	11	30	55	44

---

## 5.3 Student Participation and Activities

### 5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

Policies and strategies of the institution to promote participation of students in extracurricular and co-curricular activities and to motivate maximum number of students to participate.

The institution has supportive environment to encourage students to participate in various club activities of their interest like Sports Club, Fine-arts Club, Literary Club, Dance club, Music club, Marshal arts club, Yoga club and NSS. The aim of the clubs is to explore the hidden talents of the students and offer opportunities to expose the potential in them. The clubs are organizing events frequently to explore the student's ideas and knowledge. They are intimating about various intra & inter- collegiate and state & national level competitions and allowing the students to participate in the competitions. In order to promote maximum participation of the students entry fee and conveyance allowance are borne by the institution.

#### Sports & Games Facilities

The sports and games club of KHIT was established in 2010. It takes the responsibility not only to provide the necessary infrastructure that helps the students to inculcate good habit of playing games but also to develop the sportsmanship and comradeship. The college provides room for Indoor games in an area of nearly 90 sq.m, which accommodates the indoor games like Table Tennis, Caroms, Chess etc., to hone the skills in the respective games as well as to enhance the physical fitness of the students and the faculty. Annual Intramural Tournaments in various games and sports are being conducted for the students as well as for the staff and the prizes will be distributed on the annual day celebrations. The institute has amenities for both indoor and outdoor games.

#### Activities

- Practice sessions for both girls and boys are conducted separately that allows participation of students in various athletic events at inter-collegiate level.
- Imparting adequate training in athletics as well as specialized sports and games.
- Promoting physical & mental fitness of students to create the awareness about the global sport events.

### Facilities

- Indoor Games: Caroms, Chess, Table Tennis, etc.
- Outdoor Games: Volleyball, Throw ball, Tennicoit, Kho-Kho, Khabaddi, Cricket etc.

### Literary and Cultural activities

Literary and Cultural activities pertaining to Annual day are under the supervision of Humanities and Science Department. Annual Literary and cultural activities are being organized during the period of November/December and March/April.

### Participation of students at Inter-collegiate Competitions

Year	Name of the event	Organized College	No of students participated	No of students won prizes
2016	Solo Dance	Narasaraopet Engineering College (Jubilation 2016)	2	--
2016	Western Dance	Vasireddy Venkatadri Institute of Technology	2	--
2016	Discuss Throw	Sri Chundi Ranganayakulu Engg.college	1	1
2016	Volley Ball	Guntur Engg. college	1*Team size(8)	8
2016	Kabaddi	Guntur Engg. college	1*Team size(9)	9
2015	Cricket	JNTUK Inter collegiate cricket tournament of zone 'D' by Eswar College Of Engineering	1*Team Size (14)	--
2015	Yantrora	LakkiReddyBaliReddy College of Engineering	2	--
2014	Mimicry	Chalapathi Institute of Technology	1	1
2014	Folk Dance	Government of Andhra Pradesh	1	
2014	Mimicry	KKR & KSR Institute of Technology	1	1
2013	Singing	ST.Marrys Womens Engineering College	1	1
2013	Cricket	JNTUK Inter collegiate cricket tournament of zone 'D' by St.Ann's college of engineering & Tech.,Chirala	1*Team Size (14)	--
2013	Volley Ball	Chalapathi Institute of Technology	1*Team Size (10)	--

2013	Carroms	Chalapathi Institute of Technology	4	--
2013	Throwball	Chalapathi Institute of Technology	11	--
2013	Tennikoit	Chalapathi Institute of Technology	2	--
2013	Throwball	Chalapathi Institute of Technology	1	--
2012	Mimicry	EVM College of Engineering and Technology	1	1
2012	Mimicry	VasiReddy Venkatadri Institute of Technology	1	1

### Participation of students at Intra-Murals Competitions

Year	Name Of the event	Organized College	No of students participated	No of students won prizes
2016	Throwball	Kallam HaranadhaReddy Institute of Technology	5*Team size(14)	2*Team size(14)
2016	Chess	Kallam HaranadhaReddy Institute of Technology	10	2
2016	Shot-put Throw	Kallam HaranadhaReddy Institute of Technology	15	2
2016	Running (100mts) (Girls)	Kallam HaranadhaReddy Institute of Technology	15	2
2016	Running (100mts) (Boys)	Kallam HaranadhaReddy Institute of Technology	30	2
2016	Running (200mts) (Boys)	Kallam HaranadhaReddy Institute of Technology	24	2
2016	Running (200mts) (Girls)	Kallam HaranadhaReddy Institute of Technology	12	2
2016	Running (400mts)	Kallam HaranadhaReddy Institute of Technology	15	2
2016	Shot-put	Kallam HaranadhaReddy Institute of Technology	20	6
2016	Discus throw	Kallam HaranadhaReddy	18	6

		Institute of Technology		
2016	Caroms	Kallam HaranadhaReddy Institute of Technology	25	12
2016	Table Tennis	Kallam HaranadhaReddy Institute of Technology	5*Team size(2)	2*Team size(2)
2016	Tennikoit	Kallam HaranadhaReddy Institute of Technology	5*Team size(2)	2*Team size(2)
2016	Badminton	Kallam HaranadhaReddy Institute of Technology	5*Team size(2)	2*Team size(2)
2016	Volley Ball	Kallam HaranadhaReddy Institute of Technology	5*Team size(9)	2*Team size(9)
2016	Cricket	Kallam HaranadhaReddy Institute of Technology	5*Team size(14)	2*Team size(14)
2015	Running (100mts) (Girls)	Kallam HaranadhaReddy Institute of Technology	10	2
2015	Running (100mts) (Boys)	Kallam HaranadhaReddy Institute of Technology	25	2
2015	Running (200mts) (Boys)	Kallam HaranadhaReddy Institute of Technology	18	2
2015	Running (200mts) (Girls)	Kallam HaranadhaReddy Institute of Technology	8	2
2015	Running (400mts)	Kallam HaranadhaReddy Institute of Technology	12	2
2015	Shot-put	Kallam HaranadhaReddy Institute of Technology	15	4
2015	Discuss throw	Kallam HaranadhaReddy Institute of Technology	14	4
2015	Caroms	Kallam HaranadhaReddy Institute of Technology	5*Team size(4)	2*Team size(4)
2015	Chess	Kallam HaranadhaReddy Institute of Technology	13	4
2015	Table Tennis	Kallam HaranadhaReddy Institute of Technology	4*Team size(2)	2*Team size(2)

2015	Tennikoit	Kallam HaranadhaReddy Institute of Technology	5*Team size(2)	2*Team size(2)
2015	Throw ball	Kallam HaranadhaReddy Institute of Technology	5*Team size(11)	2*Team size(11)
2015	Volley Ball	Kallam HaranadhaReddy Institute of Technology	5*Team size(9)	2*Team size(9)
2015	Cricket	Kallam HaranadhaReddy Institute of Technology	5*Team size(14)	2*Team size(14)
2015	Shot-put Throw	Kallam HaranadhaReddy Institute of Technology	12	2
2014	Throw ball	Kallam HaranadhaReddy Institute of Technology	5*Team size(11)	2*Team size(11)
2014	Chess	Kallam HaranadhaReddy Institute of Technology	14	2
2014	Volley Ball	Kallam HaranadhaReddy Institute of Technology	5*Team size(9)	2*Team size(9)
2014	Running (100mts) (Girls)	Kallam HaranadhaReddy Institute of Technology	16	2
2014	Running (100mts) (Boys)	Kallam HaranadhaReddy Institute of Technology	24	2
2014	Running (200mts) (Boys)	Kallam HaranadhaReddy Institute of Technology	26	2
2014	Running (200mts) (Girls)	Kallam HaranadhaReddy Institute of Technology	14	2
2014	Running (400mts)	Kallam HaranadhaReddy Institute of Technology	13	2
2014	Cricket	Kallam HaranadhaReddy Institute of Technology	5*Team size(14)	2*Team size(14)
2013	Singing	Kallam HaranadhaReddy Institute of Technology	6	2
2013	Cricket	Kallam HaranadhaReddy	5*Team Size (14)	2*Team size(14)



		Institute of Technology		
2013	Volley Ball	Kallam HaranadhaReddy Institute of Technology	5*Team Size (9)	2*Team size(9)
2013	Caroms	Kallam HaranadhaReddy Institute of Technology	5*Team Size (4)	2*Team size(4)
2013	Throw ball	Kallam HaranadhaReddy Institute of Technology	5*Team Size (11)	2*Team size(11)
2013	Tennikoit	Kallam HaranadhaReddy Institute of Technology	5*Team size(2)	2*Team size(2)
2013	Running (100mts) (Girls)	Kallam HaranadhaReddy Institute of Technology	13	2
2013	Running (100mts) (Boys)	Kallam HaranadhaReddy Institute of Technology	18	2
2013	Running (200mts) (Boys)	Kallam HaranadhaReddy Institute of Technology	16	2
2013	Running (200mts) (Girls)	Kallam HaranadhaReddy Institute of Technology	13	2
2013	Running (400mts)	Kallam HaranadhaReddy Institute of Technology	12	2
2012	Cricket	Kallam HaranadhaReddy Institute of Technology	5*Team Size (14)	2*Team Size (14)
2012	Volley Ball	Kallam HaranadhaReddy Institute of Technology	5*Team Size (9)	2*Team Size (9)
2012	Caroms	Kallam HaranadhaReddy Institute of Technology	5*Team Size (4)	2*Team size(4)
2012	Throw ball	Kallam HaranadhaReddy Institute of Technology	5*Team Size (11)	2*Team size(11)
2012	Tennikoit	Kallam HaranadhaReddy Institute of Technology	5*Team Size (2)	2*Team size(2)
2012	Mimicry	Kallam HaranadhaReddy Institute of Technology	4	2
2012	Running (100mts)	Kallam HaranadhaReddy	11	2

	(Girls)	Institute of Technology		
2012	Running (100mts) (Boys)	Kallam HaranadhaReddy Institute of Technology	15	2
2012	Running (200mts) (Boys)	Kallam HaranadhaReddy Institute of Technology	15	2
2012	Running (200mts) (Girls)	Kallam HaranadhaReddy Institute of Technology	10	2
2012	Running (400mts)	Kallam HaranadhaReddy Institute of Technology	11	2
2011	Carroms	Kallam HaranadhaReddy Institute of Technology	5*Team Size (4)	2*Team size(4)
2011	Chess	Kallam HaranadhaReddy Institute of Technology	10	2
2011	Tennikoit	Kallam HaranadhaReddy Institute of Technology	5*Team Size (2)	2*Team size(2)
2011	Badminton	Kallam HaranadhaReddy Institute of Technology	5*Team size(2)	2*Team size(2)
2011	Volley Ball	Kallam HaranadhaReddy Institute of Technology	5*Team size(11)	2*Team size(11)
2011	Cricket	Kallam HaranadhaReddy Institute of Technology	5*Team size(14)	2*Team size(14)
2011	Running (100mts)	Kallam HaranadhaReddy Institute of Technology	17	2
2011	Running (200mts)	Kallam HaranadhaReddy Institute of Technology	13	2

### NSS Activities

To encourage students in serving the nation and society, the nearby villages are adopted and seven day special camps are conducted. Plantation, Swatch Bharath, Blood Donation Camps are successfully organized by the NSS Unit. Students in large number actively participate under the guidance of programme officer. Awareness regarding cleanliness, importance of education, health care and self-help is given.

**List of programmes conducted**

S.No	Duration of camp (days)	Name of the program	Number of participants
1	1	Swachh bharat (Dasaripalem)(14-10-15)	70
2	7	Donation for hudhud victims(11-05-2014)	30
3	1	Tree plantation (20-10-15)	650
4	1	Blood donation Camp (31-10-15)	250
5	1	Blood donation Camp (1-11-14)	150
6	1	Blood donation Camp (01-11-13) at NTR Memorial Trust Blood Bank, Kothapet, Guntur.	80
7	1	Medical camp (15-10-2014)	100
8	1	Road safety – time for action (23-01-16)	150
9	1	10K walk by NRI Education Society (24-01-16)	300
10	1	10K walk by Guntur 10K walk committee (25-01-15)	400

**SWACHH BHARATH**

**Students of KHIT participated in Swachh Bharath programme organized on 14-10-2015.**

**Donation for HUD-HUD Victims**



**Chairman of KHIT Sri. K.Haranadha Reddy donated Rs 2,00,000 for the Hudhud Tufan victims(11-05-2014).**

**Tree Plantation**



**Students of KHIT participated in Tree Plantation programme organized on 20-10-2015.**

**Blood Donation Camp**



Students of KHIT participated in Blood Donation Camp organized on 31-10-2015.

**'కళ్లం'లో రక్తదానం శిబిరం**

**గుంటూరు:** చౌడవరంలోని కళ్లం హరినాథరెడ్డి ఇనిస్టిట్యూట్ ఆఫ్ టెక్నాలజీలో గవర్నమెంట్ జనరల్ హాస్పిటల్ (జిజిహెచ్) గుంటూరు, నీడ్స్ స్వచ్ఛంద సంస్థ ఆధ్వర్యంలో రక్తదాన శిబిరం శనివారం నిర్వహించారు. కళాశాల డైరెక్టర్ డాక్టర్ ఎం. ఉమాశంకరరెడ్డి మాట్లాడుతూ 250 మంది విద్యార్థులు రక్తదానం చేశారని చెప్పారు. కళాశాల చైర్మన్ కళ్లం హరినాథరెడ్డి 80వ జన్మదినోత్సవం సందర్భంగా రక్తదాన శిబిరం నిర్వహిస్తున్నామన్నారు. విద్యార్థులతోపాటు అధ్యాపకులూ రక్తదానం చేశారు. కళాశాల అధ్యాపక, అధ్యాపకేతర సిబ్బంది రక్తదాన శిబిరాన్ని విజయవంతం చేశారు.

**రక్తదానం చేస్తున్న విద్యార్థి**



Sun, 01 November 2015  
[epaper.prajasakti.com/c/7103496](http://epaper.prajasakti.com/c/7103496)

### 'కళ్ళం' కళాశాలలో విద్యార్థుల రక్తదానం



(కెఎన్ఎస్ ట్యూలో-గుంటూరు)

కళ్ళం ఇంజనీరింగ్ కళాశాలలో శనివారం రక్తదాన శిబిరం నిర్వహించారు. 250 మంది విద్యార్థులు రక్తదానం చేశారు. కళాశాల డైరెక్టర్ ఎం. ఉమాశంకరరెడ్డి మాట్లాడుతూ తమ కళాశాల వైర్మన్ కళ్ళం హరనాథరెడ్డి జస్మదినోత్సవం సందర్భంగా ప్రతియేటా ఆక్టోబర్ 31న కళాశాలలో విద్యార్థులు రక్తదానం చేయడం అలవాటని చెప్పారు. శిబిరాన్ని జీజీహెచ్ బ్లడ్ బ్యాంక్ చీఫ్ అనసూయ ప్రారంభించారు. కాగా రక్తదానం చేసిన విద్యార్థులను కళాశాల వైర్మన్ కళ్ళం హరనాథరెడ్డి, ప్రిన్సిపాల్ సీహెచ్ శ్రీనివాసరావు, సిబ్బంది శ్రీనివాసరావు, మహేశరెడ్డి తదితరులు అభినందించారు.

### రక్తదానం ప్రాణదానంతో సమానం



విద్యార్థులను అభినందిస్తున్న ఉమాశంకరరెడ్డి తదితరులు

చౌడవరం(గ్రామీణ గుంటూరు), న్యూస్ టుడే: రక్తదానం అంటే ప్రాణదానంతో సమానమని జీజీహెచ్ రక్తనిధి కేంద్రం వైద్యాధికారి అనసూయ అన్నారు. శనివారం నగర శివారు చౌడవరం కళ్ళం ఇంజనీరింగ్ కళాశాలలో కళ్ళం సుష్టల వైర్మన్ హరనాథరెడ్డి జస్మదిన వేడుకల సందర్భంగా జీజీ హెచ్, నీడ్స్ బ్లడ్ బ్యాంకు సంయుక్తంగా ఏర్పాటు చేసిన రక్తదానం శిబిరులో విద్యార్థులు పాల్గొన్నారు. కళాశాల డైరెక్టర్ మొవ్వా ఉమాశంకరరెడ్డి ఈ శిబిరాన్ని ప్రారంభించారు. 250 విద్యార్థులు రక్తదానం చేశారు. ప్రిన్సిపాల్ శ్రీనివాసరావు శిబిరు నిర్వాహకులు శ్రీనివాసరావు, మహేశరెడ్డి, అధ్యాపకులు, విద్యార్థులు తదితరులు పాల్గొన్నారు.

**Medical Camp**



**Students of KHIT participated in Medical Camp organized on 15-10-2014.**

**Road Safety- Time for Action**



**Students of KHIT participated in Road Safety time for action (23-01-2016).**

**5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University/ State/ Zonal/ National/ International, etc. for the previous four years.**

College encourages its students to take part in various co-curricular, extracurricular and cultural activities. Students have excelled in various competitions held at the university and in the state and zone as well.

**Co curricular activities**

List of Prizes and cash prizes won in other college fests and activities. Details of participation in technical events like paper presentation/technical quiz/poster presentation/coding:

<b>Year</b>	<b>Department</b>	<b>Name of the event</b>	<b>No. of students participated</b>	<b>No. of students won prizes</b>
2015-16	CSE	Paper Presentation	12	01
		Poster Presentation	05	02
		Quiz	06	04
		Project Expo	01	--
2014-15	CSE	Paper Presentation	15	1
		Poster Presentation	12	--
		Quiz	12	--
2013-14	CSE	Paper Presentation	3	1
		Poster Presentation	--	--
		Quiz	--	--
2012-13	CSE	Paper Presentation	12	02
		Poster Presentation	--	--
		Quiz	--	--
2011-12	CSE	Paper Presentation	--	--
		Poster Presentation	6	--
		Quiz	--	--

<b>Year</b>	<b>Department</b>	<b>Name of the event</b>	<b>No. of students participated</b>	<b>No. of students won prizes</b>
2015-16	EEE	Paper Presentation	20	05
		Poster Presentation	18	10
		Quiz	09	02
		Project Expo	01	01



2014-15	EEE	Paper Presentation	14	02
		Poster Presentation	04	02
		Quiz	01	--
		Project Expo	01	--
2013-14	EEE	Paper Presentation	--	--
		Poster Presentation	--	--
		Quiz	--	--
		Project Expo	--	--
2012-13	EEE	Paper Presentation	02	01
		Poster Presentation	01	--
		Quiz	--	--
		Project Expo	--	--
2011-12	EEE	Paper Presentation	--	--
		Poster Presentation	--	--
		Quiz	--	--
		Project Expo	--	--

Year	Department	Name of the event	No of students participated	No of students won prizes
2015-16	ECE	Paper Presentation	22	8
		Poster Presentation	7	3
		Quiz	14	6
		Project Expo	2	1
2014-15	ECE	Paper Presentation	15	7
		Poster Presentation	6	2
		Quiz	10	4
		Project Expo	1	0
2013-14	ECE	Paper Presentation	12	5
		Poster Presentation	4	1
		Quiz	6	2

		Project Expo	--	--
2012-13	ECE	Paper Presentation	7	3
		Poster Presentation	3	1
		Quiz	4	--
		Project Expo	--	--
2011-12	ECE	Paper Presentation	--	--
		Poster Presentation	--	--
		Quiz	--	--
		Project Expo	--	--

Year	Department	Name of the event	No of students participated	No of students won prizes
2015-16	CE	Paper Presentation	16	02
		Poster Presentation	--	--
		Quiz	05	--
		Project Expo	--	--
2014-15	CE	Paper Presentation	19	--
		Poster Presentation	--	--
		Quiz	--	--
2013-14	CE	Paper Presentation	--	--
		Poster Presentation	--	--
		Quiz	--	--
2012-13	CE	Paper Presentation	--	--
		Poster Presentation	--	--
		Quiz	--	--
2011-12	CE	Paper Presentation	--	--
		Poster Presentation	--	--
		Quiz	--	--

Year	Department	Name of the event	No of students participated	No of students won prizes
2015-16	ME	Paper Presentation	34	1
		Poster Presentation	10	00
		Quiz	21	01
		Project Expo	04	02
2014-15	ME	Paper Presentation	18	01
		Poster Presentation	06	02
		Quiz	13	02
2013-14	ME	Paper Presentation	36	--
		Poster Presentation	17	--
		Quiz	14	--
2012-13	ME	Paper Presentation	34	04
		Poster Presentation	11	01
		Quiz	11	01
2011-12	ME	Paper Presentation	--	--
		Poster Presentation	--	--
		Quiz	--	--

### 5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

- The Institute regularly communicates with alumni by organizing alumni meet every year during which feedbacks are collected from alumni for seeking their opinion on the instruction, the facilities of infrastructure and library, computing, games and sports, training and placement activities, etc. The feedback of the students is compiled and all the suggestions made by the students are taken into consideration for effective improvements in subsequent years.
- The feedback comprises 10 different aspects to be marked on a scale of 1 to 4 (with 4 being the best).
- The institute obtains feedback from its employers about the performance of the students and takes suggestions to improve the performance of the institution.

- The feedback collected by department will be forwarded to principal and then to management for any corrective actions.
- The employers of the organizations are requested to give their feedback on the performance of the Alumni of this college employed in their organizations and this feedback is utilized to modify their methodology of teaching to suit industrial needs.

**5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications /material brought out by the students during the previous four academic sessions.**

- The institute conducts national level technical symposium “SAMKALP” every year to explore the inherent skills and capabilities of the budding techies.
- The students are encouraged to actively participate and organize conferences, workshops, guest lectures at department level.
- The institute encourages students to publish articles in College Newsletters ‘KHIT Prabha’.
- The students are motivated to express their talent in the form of articles and paintings. The college magazine “PRERANA” provides a platform to bring out their hidden talents.
- The departments motivate and support the students to participate in technical paper presentations.

**5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.**

No. There is no student association at college level.

**5.3.6 Give details of various academic and administrative bodies that have student representatives on them.**

Taking cognizance of the important role of the students in different academic and administrative activities, the students are nominated as members of various committees including:

**Academic Bodies:****Class Monitoring Committee:**

Each class has a Class Representative (CR) and a girl Representative (GR). The HOD of each department interacts with the class representative and enquires about academic issues from time to time. The class monitoring committee is constituted with the following members.

S.No.	Name	Roll No.	Department	Status
1	A. Rohit	138X1A0103	CE	Co-ordinator
2	K. Vyshnavi	128X1A0442	ECE	Member
3	M. Manikanta	128X1A0333	ME	Member
4	G. Manikanth reddy	128X1A0508	CSE	Member
5	P. Chandra sekhar	138X5A0212	EEE	Member

**Student Organizing Committee:** Constituted at department level to organize various technical events during inter-collegiate fests like SAMKALP, seminars, conferences and so forth.

S.No.	Name	Roll No.	Department	Status
1	A.V. Lakshmi narasimha reddy	138X1A0401	ECE	Coordinator
2	Ch. Praveen kumar	128X1A0310	ME	Member
3	K. Nagaraju	148X1A0139	CE	Member
4	P. Sainadh reddy	128X1A0211	EEE	Member
5	K. Raja sekhar reddy	128X1A0513	CSE	Member

**Administrative Bodies:**

**Anti Ragging Committee:** one student is taken from each branch

S. No.	Name	Roll No.	Department	Status
1	Ch. Sai nikhil	138X1A0311	ME	Coordinator
2	R. Pavan sai singh	148X1A0182	CE	Member
3	K. Alekhya	138X1A0442	ECE	Member
4	P. Revanth sri sai	148X1A0577	CSE	Member
5	P. Arun kumar	138X5A0211	EEE	Member

**Women Empowerment and Grievance Cell:** Minimum one (1) student from each branch amounting to five (5)

S. No.	Name	Roll No.	Department	Status
1	P. Sasikala	138X1A0553	CSE	Coordinator
2	N. Niharika reddy	148X1A0499	ECE	Member
3	K. Charishma	138X1A0331	ME	Member
4	K. DIVYA SREE	138X1A0120	CE	Member
5	P. Rudhramba Sai	138X5A0214	EEE	Member

**Student Affairs Committee:** Minimum one (1) student from each branch amounting to five (5)

S. No.	Name	Roll No.	Department	Status
1	Y. Vinay kumar reddy	138X1A0160	CE	Coordinator
2	J. Bhavya	138X1A0439	ECE	Member
3	Y. Avinash	138X1A0519	CSE	Member
4	Sk. Nurani	138X5A0217	EEE	Member
5	P. Sai gurunadh	138X1A0344	ME	Member

**Career Development Committee:** Minimum one (1) student from each branch amounting to five (5)

S. No.	Name	Roll No.	Department	Status
1	M. Srilakshmi sindhuja	128X1A0530	CSE	Coordinator
2	D. Madhu sudhan reddy	128X1A0205	EEE	Member
3	G. Rahul krishna	138X1A0116	CE	Member
4	Sk. Aslam	138X1A0347	ME	Member
5	U. Swathi	148X1A04E9	ECE	Member

**Canteen Committee:** Minimum one (1) student from each branch amounting to five (5)

S. No.	Name	Roll No.	Department	Status
1	D. Leela venkata krishna	138X1A0313	ME	Coordinator
2	K. Jagadeeswar reddy	138X1A0464	ECE	Member
3	A. Prashanth	148X1A0502	CSE	Member
4	Ch. Naveen	148X1A0119	CE	Member
5	Y. Venu gopal reddy	128X1A0216	EEE	Member

**ISTE Student Chapter:** Minimum one (1) student from each branch amounting to five (5)

S. No.	Name	Roll No.	Department	Status
1	S. Sahithi	148X1A0239	EEE	Coordinator
2	A. Giridhar	148X1A0501	CSE	Member
3	K. Lakshmi soundarya	138X1A0458	ECE	Member
4	K. Haradeep reddy	148X1A0332	ME	Member
5	G. Anantha rami reddy	138X1A0114	CE	Member

### 5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution. Any other relevant information regarding Student Support and Progression which the college would like to include. Network with the Alumni

The members of college administration and the senior faculty of all the departments participate in the annual alumni meetings on invitation and support for the development of the institution. The departments seek the opinion / suggestions of alumni on various

developmental and academic activities by sending mails to them and request them to fill the pro-forma supplied in this regard.

### **Network with the Former Faculty Members**

The institution maintains good rapport with the former faculty and invites them as guests to the college functions. The relationship is maintained through:

- Alumni Meet
- Tech Fest
- Seminars/ Conferences/Workshops
- Annual Day celebrations
- Get together
- Picnic

### **Network with the Alumni**

The Alumni Committee communicates with the alumni through mails and spreads the news about activities of the association. The alumni periodically update their latest information with the committee.

**CRITERION VI**  
**GOVERNANCE,**  
**LEADERSHIP & MANAGEMENT**



---

## **CRITERION VI**

### **GOVERNANCE, LEADERSHIP & MANAGEMENT**

#### **6.1 Institutional Vision and Leadership**

**6.1.1 State the vision and mission of the institution and specify on how the mission statement defines the institution's distinctive characteristics in stipulations of addressing the needs of the society, the students it seeks to serve, institution's traditions and value assimilation, vision for the future, etc.?**

**Vision of the institute:**

To be a quality - oriented technical institution known for global academic excellence and professional human values.

**Mission of the Institute:**

- To provide quality instruction with competent and knowledgeable faculty and well equipped laboratories to meet global standards
- To achieve academic distinction through novel teaching and learning practice
- To encourage students by providing merit scholarships
- To prepare the graduates to accomplish professional practice, employability, entrepreneurial development and higher education
- To inculcate self-discipline, accountability and values in the learners for effective and informed citizenship
- To focus on MoUs with premier institutes and renowned industries for effective industry-institution interaction to become an R&D centre through skill development , professional up-gradation and innovation

**6.1.2 What is the role of top management, Principal and Faculty in devising and implementing of its quality policy and plans?**

**Management**

Kallam Haranadhareddy Institute of Technology is governed by Kallam Academy of Educational Society (A.P. Societies Act 35 of 2001). President Sri Kallam Haranadha Reddy, a

successful industrialist and Secretary Sri Kallam Mohan Reddy, a young & dynamic industrialist are referred to as 'Management' who work hard to ignite the spark in all the administrative work and support the academic activities of learning and introducing result oriented programmes that bring out excellence and quality in teaching-learning processes in this professional college. The Governing Body comprising members from the society, AICTE, Industry, JNTUK, A.P. State Technical Education, Principal and senior faculty members conducts minimum two meetings in an academic year and ponders on the problems faced in the past and the remedies to rectify them in the future. It directs the Principal to act and implement the decisions accordingly and the Principal takes the action plan to the faculty members. The development is being supervised by the management regularly. The productive actions like extension of building, providing additional facilities, introduction of new courses, inclusion of new faculty, employing staff, student admissions, etc. are given much concentration for the betterment of the administration. The management organizes periodical meetings with the staff members to review the quality policy and development of the institution. It also arranges for the confidential evaluation of the teachers and the overall institutional performance by students, which is meticulously examined by the Principal to take necessary steps towards the growth of the institution. Income and expenditure are closely monitored by a Chartered Accountant and supervised by the Management. The VI Pay scales as per AICTE norms have been implemented to qualified and eligible teaching faculty accordingly. The total staff is credited with salaries on the 1<sup>st</sup> of every month. The retirement benefits are extended to staff subject to fulfillment of the service rules of the institution.

#### Members of the Governing body of KHIT

S. No.	Name of the member	Qualification	Position
1.	Sri Kallam Haranadha Reddy Founder Chairman – Kallam Group of Industries	M A, B L	Chairman
2.	Sri P Venkateswara Reddy MD – Kallam Spinning Mills Ltd	B Com	Vice-President
3.	Sri Kallam Mohan Reddy Chairman – Kallam Group of Industries	B Com	Secretary
4.	Sri G V Krishna Reddy JMD – Kallam Spinning Mills Ltd	B E, M Sc (Engg)-UK	Member

5.	Dr M Uma Shankara Reddy Director – KHIT	M Sc, Ph D	Member
6.	Dr E Srinivasa Reddy Dean- ANU College of Engg & Tech	M Tech, Ph D	Member
7.	Prof K Sudhakara Reddy H o D(EEE) – VVIT, Numbur	M Tech(IIT-Delhi), Ph D(IIT-Delhi)	Member(Academician)
8.	Dr P Siddaiah Principal- ANU College of Engg & Tech	M Tech, Ph D	Member(Academician)
9.	Dr G Padmaja Rani	M Sc, Ph D	Member – (JNTUK Nominee)
10.	Commissioner, Technical Education		Ex-officio member
11.	Regional Officer, SCRO		Ex-officio member
12.	Dr I Srinivasa Reddy	M.Tech, Ph D	Member (Faculty Representative)
13.	Prof S Suryanarayana	ME, (Ph D)	Member (Faculty Representative)
14.	Dr B S B Reddy Principal - KHIT	M Tech, Ph D	Member Secretary

### Principal

The Governing Body is the final decision making authority with the Principal of the institution as its Member Secretary. As per the requirement, the Principal organizes the activities and effectively implements them at institutional level. He plays a key role in the governance and maintenance of the institution, ensuring transparency in the activities of the Institution and maintaining core values, on being facilitated by the Governing Body and supported by the faculty. KHIT has an efficient and dynamic coordinating management system under the leadership of the Principal for framing and implementing its policies and plans

fruitfully through committees of both teaching and non-teaching staff and students constituted by the Governing Body. The Principal peruses the confidential evaluation of the teachers and the overall institutional performance by the students and takes necessary actions/initiatives for further increase of the facilities offered by the institution. Funds are allocated as per AICTE norms / UGC schemes for the projects of the institution. Judicious expenditure of funds involving proper course of action for purchase by the Purchasing Committee with regular audit (internal and external) of the budget indicates the transparency of KHIT in financial affairs.

**Responsibilities of the Principal include**

- Conducting both General Body and Academic Committee Meetings
- Total correspondence with JNTUK University, Govt. of Andhra Pradesh, AICTE and other reputed institutions
- Sanctioning Service Rules and Leave Rules of the Staff
- Student Admissions and Staff Recruitment
- Training, Placement and Career Guidance of Students and Faculty Development Programmes, Workshops and Seminars
- Framing duties and Responsibilities of Heads of the Departments, Staff and their Workload.
- Student and Staff Appraisals, Discipline, Counseling
- University Examinations and Evaluation of Students
- Scholarships, Recommendations for Budget Allocation, Staff Welfare, R&D Projects
- Planning and implementing curricular, co-curricular and extracurricular activities, Inception Day and Annual Day, Fresher's Day, Farewell Day, etc.
- Any other duty assigned by Chairman of the Institution

**Heads of the Departments and Faculty**

The proactive management of institution is assisted by the Principal, Heads of Departments, committed faculty and staff towards the all round development of the institution. The democratic set-up is extensive with each department having total liberty to innovate and plan its perspective of growth, maintain the line of pecking order to achieve harmony. Thus, the decentralization of the administration results in the system teamwork, sharing of knowledge and innovations.

### List of Heads of the Departments

S. No.	Name	Department
1.	Prof P Appi Reddy	S&H
2.	Dr I Srinivasa Reddy	CE
3.	Prof R Subba Reddy	EEE
4.	Dr. SCV Ramana Murthy Naidu	ME
5.	Prof S Suryanarayana	ECE
6.	Prof B Satyanarayana Reddy	CSE

The management regarded the faculty as the real recourses and contributors to the development of the institution. The committed team of faculty believes in teamwork by implementing the best practices of the institution. For the development of the institution, the faculty members strictly implement the instructions of the Principal and interact with various committees listed in section 6.1.4 to work. The faculty members take active participation and work for the requirements of the institution by implementing updated plans and programs. Quality improvement programs are abundantly undertaken by faculty members as additional duties. Some of such result oriented programs are:

- Promoting Research activities and research publications of both faculty and students under the guidance of Research Committee set up in the institution;
- Organizing Extra-curricular activities through Student Clubs;
- Counseling and mentoring the students;
- Encouraging and sponsoring faculty development programmes and student internships;
- Adherence to a structured quality framework as outlined in ISO 9001:2015.

Participative management propels all plans and policies and their execution and consequence, towards consultation with the Governing Body and other committees. The institution regularly updates its website with necessary information.

#### 6.1.3 What is the involvement of the leadership in ensuring?

- ✓ **The policy statements and accomplishment plans for fulfillment of the declared mission**
- ✓ **Drawing up achievement plans for all operations and assimilation of the same into**

**the institutional strategic plan**

- ✓ **Interaction with corporate**
- ✓ **Appropriate support for policy and planning through necessitate analysis, investigate inputs and consultations with the corporate**
- ✓ **Fortifying the culture of excellence**
- ✓ **Patron organizational change**

**The policy statements and action plans for fulfillment of the stated mission**

The management promotes the participation of the personnel in the process of decision making in institutional functioning. Along with the objectives, the management takes responsibility in arranging the amenities for learning and for the growth of the organization. The institution recruits the additional faculty members for grooming the communication skills of the students. As the mission is to bring out competent and productive engineers with excellent technical and interpersonal skills, the management whole heartedly supports all the activities that mould the students into competent citizens of the world. The Governing Body takes care of the policy statements and other action plans to fulfill the stated mission of the institution. The institution works with a view to achieve the spirit of its mission, i.e., providing quality education and better facilities for the all-round development of the students. To ensure this, the institution has accrued the required physical facilities, intellectual resources and societal goodwill. Different committees of the institution meet regularly, and the principal discusses the implementation of the policies and effectiveness of the programmes being offered by the members of the faculty.

The College Academic Committee composes action plans for the implementation of these policies and initiatives and assures that the required facilities are available for the implementation of these policies and schemes. Amenities like Wi-Fi connectivity, English communication skills as well as Language Lab, Centralized Computing facility, Digital Library, sophisticated labs for all branches of Engineering and basic sciences, a well designed and updated website, annually updated central library and other department libraries are a few of the infrastructural facilities for achieving the mission of the organization. In addition to these amenities, the institution is provided with clean environment, lush green compound with outdoor and indoor sports facilities. The institution sponsors merit scholarships for top 10% of each class and provides student amenities like transport and food at subsidized rates and thereby supports hassle free academic engagement. NSS wing of the institution helps to develop

leadership qualities among the students so that they can become good professionals. This also boosts the inner potential and emotional balance of the student folk. Co-curricular and social activities organized by this wing help to develop a sense of belongingness by cultivating service mindedness and sacrifice among the students. Various committees actively operating in the institution also join hands to fulfill the mission of the organization.

- The management of the Institution has a long term vision for both academics and administration.
- It takes conscientiousness to provide the facilities for learning and for the growth of the institution by involving heads of various departments in the enhancement of its infrastructure.
- It promotes research activities and encourages entrepreneurship by inviting lectures, by setting up Entrepreneurship Development Cell (EDC) and Soft Skills Development Cell (SSDC) .
- It steers, instigates and sways the faculty and staff to actively engage them in realizing the goals and objectives of the management of the Institution.

#### **Drawing up action plans for all operations and absorption of the same into the institutional strategic plan**

The management always maintains transparency and practicality in designing the intention of the organization to all its employees through clarity in authority and delegation to achieve positive results in improving the quality of the institution. Well before the commencement of the academic year, prior planning is made by every department after careful scrutiny. Budget is allocated for improving infrastructural development of the institute. To achieve the vision of the institute, the management advises and encourages the staff to accomplish the strategic plans through various activities. Success is ensured through stern devotion to the action plans.

- The action plans for implementation are prepared under the monitoring and guidance of the Director, the Principal and Heads of the Departments.
- Various committees listed in section 6.1.4 are initiated into their distinct roles in formulating and attaining the plan.

#### **Interaction with corporate**

The College puts serious efforts to maintain healthy and resourceful relationship with its corporate. The critical analysis and recommendation about the execution of various aspects of

the College is collected cumulatively through a number of ways. The feedback received from all corporate are analyzed and immediate remedial actions are initiated. As the Principal interacts with various corporate, faculty and parents, it yields to proper implementation of policies and fruitful results. The participatory role of the management stimulates and sustains the involvement of the College staff, which is essential for the competence and successful running of the college.

- Faculty is empowered with significant roles in decision making process, control over the work ambiance and opportunities to render their services in a range of professional roles.
- Parents are given due support and encouragement to participate actively in the wards' academic improvement through real time feedback of the gradual progress and counseling of the students in order to make them cope up with difficult times.
- Students are the prominent corporate who are significant for the victory of an educational institution. So we provide manual job recruitment training, groom and incorporate their analytical ability both within and outside the classrooms through seminars, symposiums and workshops. The interaction with the students involve Day-to-day interaction, Class room meeting, Counseling and Mentoring, regular feedback (Staff, teaching-learning, Examination), Student mentoring and Discipline committee interaction (SMDC), Grievance cell and Student clubs.
- The vast experience of the alumni is useful for the benefit of students and institutional development.
- Employers like the Government, Industry and Universities play a prominent role by sharing information about employer contentment with the institute. This feedback works as a metric of success of any programme. Their satisfaction translates into employee retention and enhances employment opportunities of our students.
- Industry is also considered as an important stakeholder. Interaction happens in the following contexts: Recruitment of Faculty Members, Orientation Programmes to Students, Guest Lectures, Internship, Industry Visit, Project works, Interaction during value added courses, workshop and Academic Committee Meetings.
- Sponsors and Donors who subscribe to the vision of the institution have lent their material support to establish and sustain it effectively.



**Proper support for policy and planning through need analysis, research inputs and consultations with the corporate**

- The Institution leadership undertakes to figure out the requirements of the society through its communications with University, AICTE and other academic authorities.
- In order to frame plans, it receives regular feedback from students, parents and alumni. The management welcomes and supports any new plan for the benefits of its corporate. Based on the employers remarks about the students placed in the former years, the students are given additional training in the required areas for betterment as suggested by the business community.
- The various Heads of the Departments review the progress for continuous improvement.

**Reinforcing the culture of excellence**

KHIT always targets itself against the best production practices. It channelizes the measures and practices with respect to the existing exterior environment and hence evinces to create an environment as centre for excellence. The staff members are encouraged to pursue research activities and to share and organize seminars/workshops/ symposiums/conferences to keep the faculty in track of the recent trends and updates in teaching, learning and evaluation in their area of specialization, thereby reinforcing a culture of excellence. They are also given special permission on duty to attend refresher and orientation programmes. They are encouraged and motivated to be a part of various academic bodies. Such exposure creates an aura that is most complimentary for academic brilliance. Activities promoting excellence include

- Conducting national level technical fests and symposiums by every department and also encouraging the students to participate in intra and inter collegiate competitions.
- Announcing awards for excellence in Academic, Cultural, and Sporting activities - Best Placed Student of the Year Award and Best Academic Performance of the Year Award, etc.
- Rs.10, 000/- cash prize to top 10% of students in every class
- Formation of professional bodies - Student chapters to promote the linkages with industry.

**Champion organizational change**

Changes in the existing rules and regulations are brought about after a scrupulous discussion in Governing Body based on the needs of the present generation. The institution follows a structured approach for ensuring that changes are effortlessly and fruitfully executed.

In order to achieve this, the corporate expectations are allied, communicated and incorporated with employees' efforts for the growth of the institution. Thus, academic and administrative matters are brought to the notice of the management to champion the changes required by the institution.

- The Institution pioneers in the field of changes in an organizational set up by becoming an apparent looking organization with focus on benchmarking against the best.
- It makes use of performance metrics in terms of pass percentage, placement percentage, presentation in symposiums, journal publications, accepted proposals, consultancy work, etc. to design appropriate strategies. These are communicated to the employees so that they execute and accomplish the requirement as per the strategies set.

#### **6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effectual accomplishment and enhancement from time to time?**

Implement-Monitor-Evaluate-Review approach is adopted by KHIT to observe and appraise policies and plans for effective implementation and progress from time to time. This is a three layered transparent and self-ruled structure. At each level policy, plan and procedure are implemented and monitored by responsible incumbents. These are evaluated with the help of interaction, appraisal, assessment and feedback with the corporate. They are then subsequently reviewed and improved for effective development of the institution. The three tiers are:

A. **College level committees** which directly report to the Governing Body are:

1. College Academic Committee
2. College Development Committee
3. Student Welfare and Grievance Committee
4. Faculty Development and Recruitment Committee
5. Training and Placement Committee
6. Discipline Committee
7. Anti-Ragging Committee
8. Examination Committee
9. Student Counseling Committee
10. Library Committee
11. RTI Act Committee
12. NSS Committee

13. ISO Committee
14. NAAC Committee
15. NBA Committee
16. Budget Committee
17. Sports Committee
18. Transport Committee
19. Hostel Committee
20. Academic Planning Committee
21. Public Relations Press and Media
22. Purchase and Stores
23. Newsletter, Magazine and Website Maintenance Committee
24. Placement and Industry Institution Interaction Committee
25. Soft Skills, Training and Career Guidance Committee
26. R&D Committee
27. Professional Societies Committee
28. College Maintenance Committee
29. Electrical Maintenance Committee
30. Attendance Committee
31. Discipline & Monitoring Committee
32. Social Welfare Committee
33. Scholarships Committee
34. Annual Day Celebrations Committee

**B. Departmental Committees** which report to the Principal are:

1. Departmental Academic Committee(DAC)
2. Student Mentoring and Discipline Committee (SMDC)
3. Library and Instructional Resource Committee (LIRC)
4. Industry Institution Interaction Committee (IIC)
5. Professional Activities Committee (PAC)
6. Internal Quality Assessment Committee (IQAC)
7. Projects Review Committee (PRC)
8. Training and Placement Committee(TPC)
9. Career Guidance Committee (CGC)

10. Entrepreneurship Development Committee (EDC)

11. Alumni Committee (AC)

Every committee has its own objectives. Functioning of these committees is monitored and reviewed by conducting scheduled meetings regularly for imparting guidelines for improvement.

#### **6.1.5 Give details of the academic leadership bestowed to the faculty by the top management?**

KHIT management safe guards the freedom of individual faculty members, supports their innovations and thereby ensures greater motivation. The top management encourages the members of faculty to come out with their suggestions and views for the development of the institution. The Management and the Principal ensure pleasant ambiance of human affairs between students, faculty and departmental heads to improve efficiency. The top management makes sure that great emphasis on motivation for research and professional evolution with a degree of liberty and also other acts of academics like:

- Pooling their academic resources, best expertise and experiences
- Giving autonomy to participate in R & D activities
- Free hand in decision making and action plan
- Freedom in research and publications
- Freedom of thought and expression

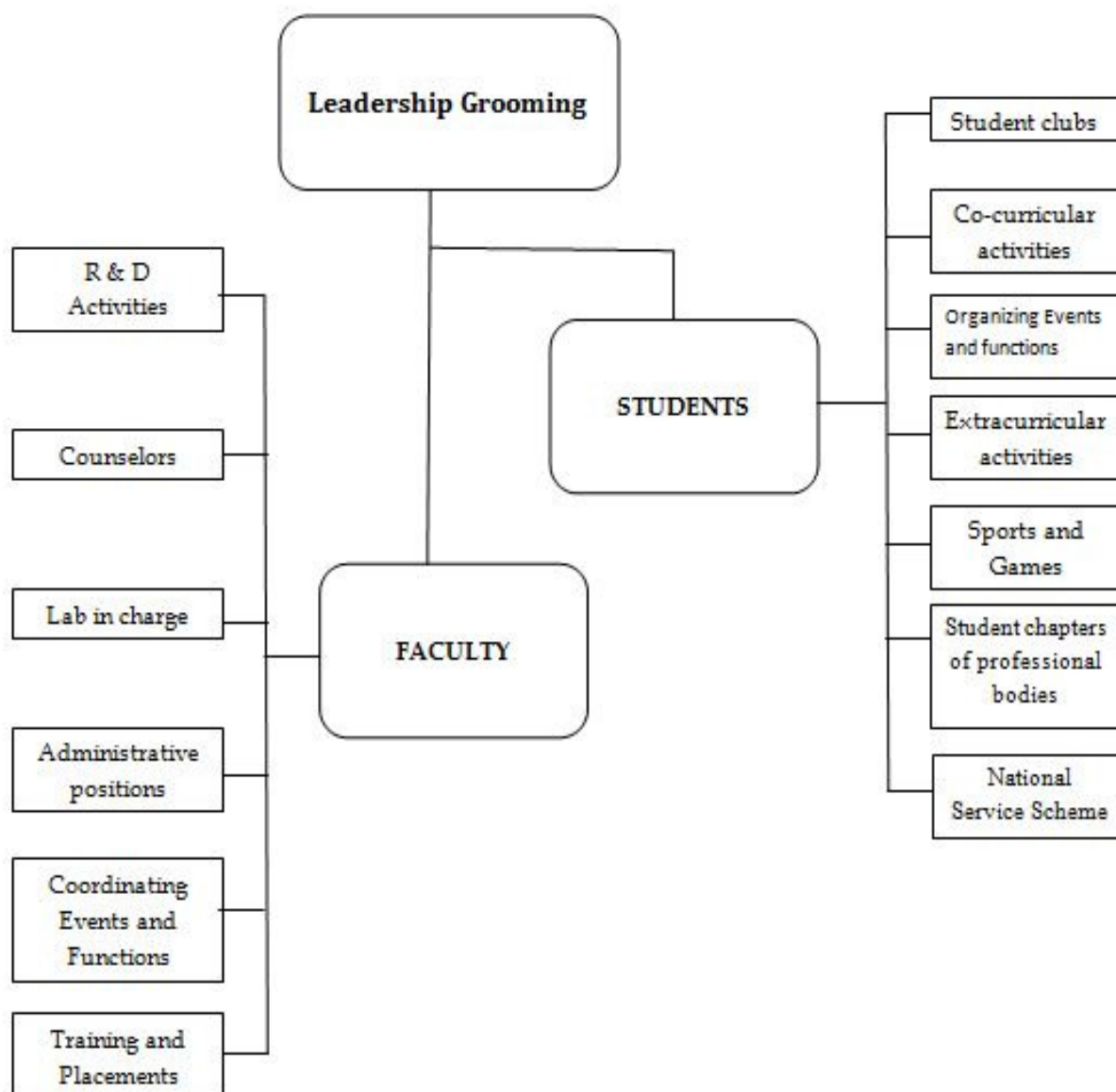
The faculty members are made to actively involved in decision making process at all levels. Various Committee meetings are conducted in which the faculty members make suggestions on different issues like subject allotments, laboratory and library requirements, student projects, etc. and such committees are listed in section 6.1.4 above.

The faculty decides the internal marks of the student based on the criteria given by JNTUK, Kakinada. The Management does not interfere in the staff's evaluation of the student performance. The staff can recommend the best students and represents them to the management and based on that the meritorious students get financial assistance from the management.

#### **6.1.6 How does the college groom leadership at various levels?**

The College believes in decentralization of administration and lucidity of governance. Freedom is given to all heads of the departments in planning, regulating and executing various activities of the departments in improving the efficiency of the institutional process. The

management, through the head of the institution and HODs, involves students and members of staff in various activities related to the development of the college. A sample leadership grooming schema of KHIT is presented in Figure 6.1.



**Fig: 6.1 Leadership Grooming Schema of KHIT**

**Students**

By providing opportunities for the students to take active participation in various programs such as seminars, national & international level symposiums, all curricular & extra-curricular activities and workshops. For example, by way of stimulating them to participate in a debate or

paper presentation, confidence definitely reaches a greater level. The organization of an academic and non-academic program will necessarily groom the leadership quality of students.

### **Faculty**

- As counselors and faculty advisors, planning and execution of several department activities, preparation of budget and purchase
- As coordinators for preparation of ISO, NBA and NAAC related documents
- Organizing different events like College day, Orientation day, Independence Day, Sports day and other similar functions

### **Head of the Department**

- Monitoring Students' Academic and Curricular Activities.
- Responsible for overall functioning of the department.
- Groom staff members to lead different departmental committees.
- Training and Placements
- R&D Activities

### **Principal**

Principal is responsible for academic and managerial activities of the institution. Hence, he monitors to form several committees with staff members as the conveners. As the leader of such committees, he grooms headship at faculty level.

### **Management**

The management is always encouraging and supporting the association of the staff in the betterment and efficiency of the institutional process. The management through the heads of the institution involves with the staff members in various activities pertaining to the development of the college.

#### **6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?**

The Institution stands in the notion of promoting a culture of decentralized governance system.

- Sufficient and systematized autonomy to all the departments and sections is provided.

- Class committee and technical project groups with depiction from meritorious, average, slow learners from both boy and girl students.
- Polishing and redefining activities by keeping in view of the deliberations of class committee.
- Organization of several activities like Difference with a Rupee, Cultural Heritage Initiative, Poor students' fund, etc. by students to improve the capabilities of students under the faculty advisory and to hone their event management skills.
- Empowering the HOD to distribute work load to faculty, to identify the add on courses, the content beyond the syllabus and to allot the concerned faculty and student empowerment programs with the help of members of class group, teaching and non-teaching faculty of the department.
- Sanctioning and allocation of budget depending on the proposals received from the department.
- Participation of lab technicians in making budget plans.
- Conduction of slip tests and internal assessment tests, grand tests by the concerned departments.
- Decentralized governance system with well-defined inter personnel-relationships.
- Freedom to the faculty member in-charge of labs to involve in and implement the necessary actions for conducting the practical sessions systematically.
- Conducting remedial classes to slow learners for improving their academic performance
- Conducting peer teaching classes and tutorial sessions for promoting learner-centered teaching.

**6.1.8 Does the college promote a culture of participative management? If yes, indicate the levels of participative management.**

Yes, KHIT promotes a culture of participative management much similar to an extended family. The Principal is the head of academic and administrative dealings. All policy amendments and scholastic activities are planned with stakeholders at various levels of the management system. Participative management involves Management, Principal, Deans, HoDs, Faculty and Students. At each level active part is taken in planning and implementation of policy matching of the institute. Faculty is involved in planning and implementation of the academic and teaching-learning processes. The opinions expressed by the participants are

reviewed in appropriate committees and if found suitable, are accommodated in the institutional framework.

- **Management** invites office staff, faculty and student representation in meetings aimed at improving welfare measures and quality improvement.
- **Principal** monitors all academic, non-academics and administrative programs of the Institution.
- **Head of the Department (HOD)** accounts for the overall smooth functioning of department. The heads of all the departments and the senior faculty members actively implicate in the decision making process stimulating a position for each of the departments.
- **Student Representatives** pass on the decision taken by the management and the views of the Principal to the entire student body. The student representatives on various committees suggest solutions to student problems on campus and work on issues related to the campus. They operate in close association with the class representatives and the management.
- **Non-teaching Staff** are included in different working committees with the faculty and students for organizing functions and events on the campus.
- **Parents'** interaction which takes place periodically plays an essential role in the comprehensive development of the institution. They are invited to share the dais on important formal occasions to express their views.
- **Industry** interaction has helped the institution to find placements for students apart from giving an opportunity for them to work as apprentices and take up project work.
- **Institutional** interaction with reputed industries have given opportunities for students to attend internships and workshops and helped faculty to pursue their Doctoral research. They also help the departments to organize National Conferences/seminars/workshops.
- **Community** service through NSS wing of the institution has developed leadership qualities and professional ethics among the student community when they interacted with people in real life situations addressing their real needs.
- **Alumni** interaction is regarded with priority by KHIT as they present first-hand experienced inputs that contribute to critical evaluative feedback of the outcome based education.



## **6.2 Strategy Development and Deployment**

### **6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?**

Yes, it does. Specific standards of scholastic, non-scholastic and administrative qualities are maintained. It is an ISO: 9001-2015 certified institute.

The objectives of the quality policy are as given below:

1. To provide highly qualified, experienced and committed faculty for furtherance of Teaching-Learning Process commensurate with the changing technological environment.
2. To establish and maintain state-of-the-art laboratories to provide practical knowledge to students.
3. To develop the college into a global institute of learning and research of academic excellence
4. To strive for establishing an effective Quality Management System ensuring continuous improvement
5. To train and develop human resources by encouraging faculty to work as a team and to update their knowledge and skills continually to match the needs of the industry.
6. To imbibe competitive spirit among the students by providing merit scholarships to the toppers of each class in the academic year.

Taking into consideration the vision and the mission of the institute, the governing body has planned the quality policy driven by the requirements of the industry, society and stakeholders to fill the hiatus in the program of study. Quality is invariably assured with the provision of exemplary infrastructure conducive for qualitative learning environment. A very pleasant and peaceful work culture is built up by encouraging everybody to do the best of their abilities. The management pragmatically responds to the changing demands of the industry, stakeholders and the society by fulfilling the requirements and tries continually to improve the quality of operations of the firm. Relying on the calendar of JNTUK, Kakinada, college academic schedule is prepared and its execution is regularly monitored. Memorandums of Understanding are signed with industries to provide employment and industrial internship or training to aspirants.

### **6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.**

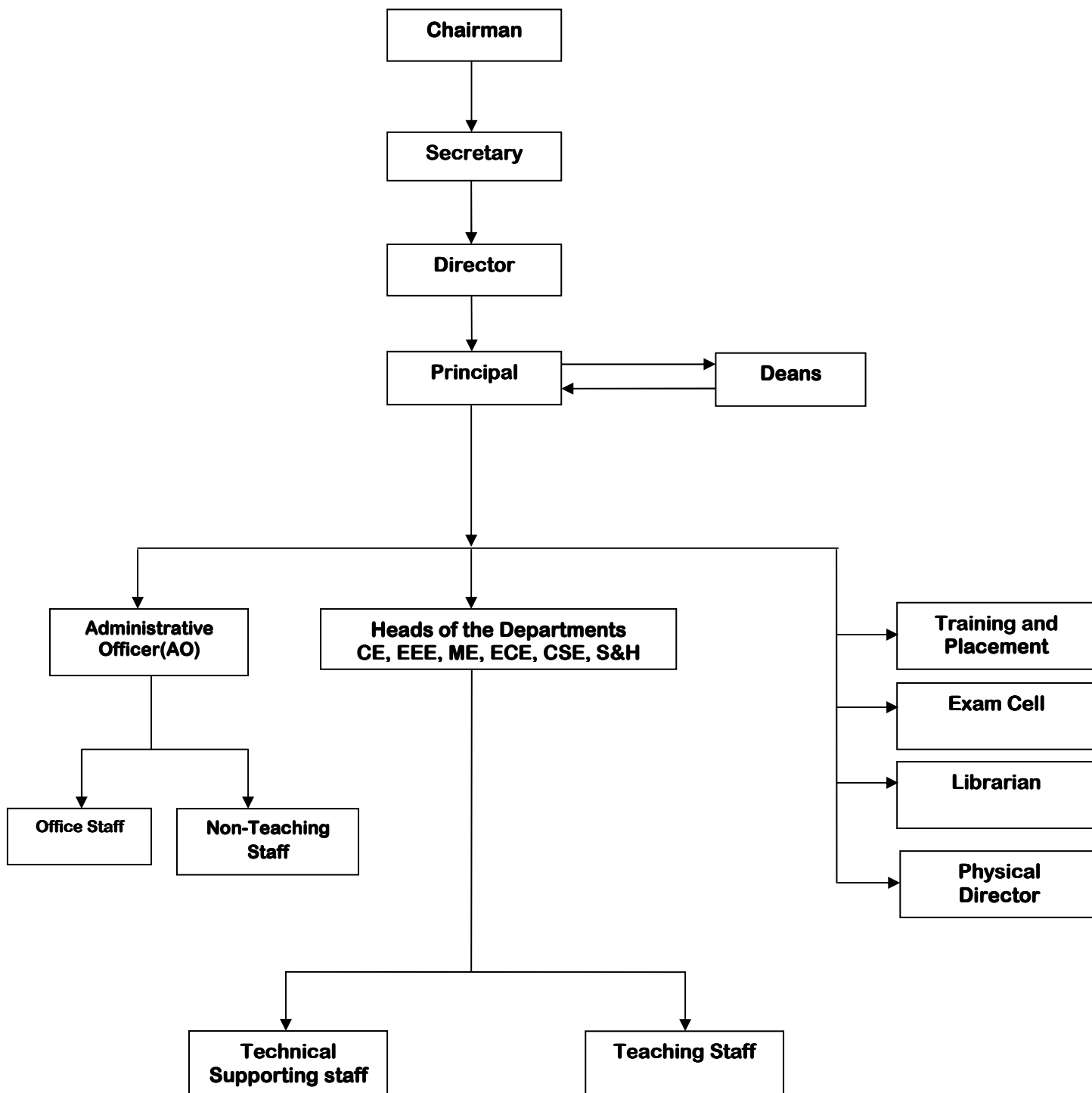
Yes, it does. The following are the salient features of the developmental plan of the institute:

- To make the institute ‘a Centre for Excellence’
- To make each department self-sustained by furnishing most advanced equipment and highly qualified faculty
- To impart training to the aspirants in making them get ready to face global competition
- To shape the versatile distinctive character of the students and make them trend-setters in their respective fields
- To augment the number of Post-Graduate Courses entailing all branches of Engineering and Multi-disciplinary areas
- To evolve as a Research Centre for Engineering, Technological and Science Courses
- To obtain NBA accreditation for all the programs being offered
- To secure NAAC accreditation with a good rating
- To acquire UGC Autonomous Status
- To sign more number of MoUs with industries
- To improve the industry-academia linkage

### **6.2.3 Describe the internal organizational structure and decision making processes.**

The functioning of the college is based on the organizational flow chart given below. Decisions will be made by Governing Body and carried out by Director through Principal, Administrative Officer and Heads of all Departments.

**Organization Chart**



**6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following:**

Teaching and Learning  
Research and Development  
Community Engagement  
Human Resource Management  
Industry Interaction

Bearing in mind the Vision and Mission of the institute, individual departments prepare their Program Educational Objectives (PEOs) and Program Outcomes (POs) which entail all the above said points.

- **Teaching and Learning**

KHIT believes that the entire staff directly contributes to the qualitative growth of an educational institution. So, the management takes on staff by conducting interviews with a panel of eminent and sophisticated selection panel to guarantee quality. The quality policy is further strengthened with the student admission procedure which strictly relies on the rules and regulations made by UGC, AICTE, APSCHE and JNTUK, Kakinada. Teaching and learning is made enlightening so as to hone student analytical thinking and innovation with the assistance of the following:

- Provision of e-learning resources in the library
- E-classrooms and seminar halls facility
- Development of student support material
- Systematic course files and lab manuals
- Organization of Remedial Classes
- Organizing placement training and a series of campus connect events
- Student feed-back on teachers and taking the necessary action
- Conducting Faculty Development Programmes before the onset of each academic year
- Continuous strengthening and upgrade of lab equipment and library resources

- **Research and development**

KHIT invariably promotes the professional growth of its staff and boosts them to engage in research. Since 2010 its establishment, five (5) members have been awarded Ph Ds and sixteen (16) members are presently pursuing their research in variegated disciplines at reputable universities. In addition, for the enrichment of knowledge, faculty is granted essential financial support and special leaves to attend workshops, refresher courses, seminars and conferences. A considerable number of research papers are thus brought out in reputable journals.

- **Community Engagement**

Involvement of students in the societal service-oriented activities culminates in a profound impact on their character. The NSS unit of KHIT takes inputs from various NGOs, devises a plan for community engagement and organizes it through different activities such as Blood Donation Camps, Medical Check-up Camps, Social Forestry, Swachh Bharath (Cleanliness Drives), Distribution of Commodities and Stationery to street urchins and orphans and so on in neighbouring villages.

- **Industry Interaction**

The main objective of Technical Education is to make the graduating ones fulfill the requirements of the industry. The Training and Placement Department has regular interaction with various industries and companies so as to enlighten the aspirants about the practices of the industry, formulation of projects and to provide job opportunities as well. By taking the help of the Management, the Principal, the HoDs and the placement cell arranges permissions for internships to students. Further, it invites the management of different companies such as Kirloskar Toyota, Paxterra, Global Logic, etc. for not only conducting placement drives but also for imparting training in doing live projects of the industry. It also ascertains transparency in all the placement activities.

- **Human resource management**

Keeping in mind the employee turnover and AICTE norms, every year the college plans for human resources and advertises in different regional and national dailies for the recruitment. After short-listing the competent ones relying on the position-wise criteria, they are called for the interview by Selection Committee. Recruitment procedure is purely

adhered to the norms of AICTE and JNTUK, Kakinada. The posts of the selected staff, after successful completion of their probation, are sent for University Ratification. Based on the result of teaching and learning, facilitators will be appraised and trained further.

**6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders to review the activities of the institution?**

Frequent interaction with the management helps the Principal inform them about the feedback from students, parents, alumni, teachers, industry, and the public in respect of the quality of teaching, syllabus coverage, extra-curricular activities and so on. The information acquired through various sources is discussed in the Governing Body meetings and subsequently the existing amenities and activities of the institution are reviewed and eventually resolutions are made. And these decisions are communicated to stakeholders within college through circulars and external stakeholders are communicated through college website and news letters published.

**6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?**

The Management always promotes the involvement of staff in improving the institutional processes. First of all, the faculty should satisfy the academic norms of UGC/AICTE and get ratified by the affiliating university. They are buoyed up to attend workshops, seminars and conferences. This improves the efficacy of the Institutional processes through effective involvement of teachers.

The staff that attend International/National Conferences or Workshops in the stream of their research are deputed on special leave and registration fees incurred will be reimbursed. The members of faculty on their return give a seminar to other members in the college about the event and its importance.

The members of faculty are encouraged to officiate as members on board of studies, chief external examiners, paper setters, answer script evaluators, etc. of other universities and autonomous colleges in the region. This experience and feedback plays a definite role in bettering the effective functioning of departments and efficiency of the faculty involved. Institutional development is considered the reflection of individual development of staff and students. The members of faculty that are conferred on Doctoral degrees assist and encourage other members in their respective departments to complete their theses within the stipulated

period. Senior faculty is asked to initiate R&D work and projects in their departments with the help of their junior colleagues. Eligible members of faculty are encouraged to register as guides with universities for extra-mural supervision.

### **6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.**

The following items of the agenda circulated among the members were discussed and corresponding resolutions were made:

Item-1: The minutes of the 11<sup>th</sup> Governing Body meeting held on 20-03-2016 (Sunday) at 10 a m were placed before the Governing Body for consideration.

Resolution-1: The Governing Body confirmed the Minutes of the 10<sup>th</sup> Governing Body Meeting held on 18-09-2015.

Item-2: Analysis and statistical evaluation of the result for the previous semester and rectification measures to improve the performance enclosed at Annexure -1 were placed before the Governing Body for consideration.

Resolution-2: The Governing Body appreciated the efforts of the staff members for the good results secured during the previous semester. However, the Governing Body desired that the staff members should take necessary measures to improve the results.

Item-3: The attendance particulars of the students during the last semester viz., shortage, condonation and detention details enclosed at Annexure-2 were placed before the Governing Body for consideration.

Resolution-3: The Governing Body resolved that the staff members should take necessary steps to improve the attendance of students.

Item-4: Details of the faculty ratification for the following academic year, i.e. 2016-17 enclosed at Annexure-3 were placed before the Governing Body for consideration.

Resolution-4: The Governing Body resolved to go for the next level ratification.

Item-5: Details of preparation for NAAC accreditation and nature of work to be done were placed before the Governing Body.

Resolution-5: The Governing Body resolved to go for NAAC accreditation.

Item-6: Details of preparation for NBA accreditation and nature of work to be done were placed before the Governing Body.

Resolution-6: The Governing Body resolved to go for NBA accreditation.

Item-7: Malpractice cases during the examinations conducted in the previous semester i.e. 2015-16 academic year I Semester University Examinations enclosed at Annexure - 4 were placed before the Governing Body.

Resolution- 7: The Governing Body resolved to continue the present practices in the conduct of examinations since there were no incidents of malpractice cases.

Item-8: Details of scribes permitted during the examinations conducted in the previous semester i.e. 2015-16 academic year I Semester University Examinations enclosed at Annexure -5 were placed before the Governing Body.

Resolution- 8: Resolved to extend the service of providing the required scribes for the physically challenged students.

Item-9: Deficiencies pointed out by the University and Compliance Reports submitted to the University.

Resolution-9: It was resolved to appreciate the working of college staff as there are no deficiencies pointed out by the University.

Item-10: Details of the payments due to the university in the form of different fees.

Resolution-10: The Governing Body expressed delight that the institute has no dues to pay the university up to the academic 2015-16.

Item11: Details of placement track record of the outgoing students and efforts to improve in current semester enclosed at Annexure-6 were placed before the Governing Body for consideration.

Resolution-11: The Governing Body resolved to conduct special placement training to all the final year students for improving their placement opportunities. It is also resolved to invite more companies to the campus to increase the number of placements.

Item-12: Details of Grievances redressed, anti-ragging cases and information about the action taken by the college administration are placed before the Governing Body.

Resolution-12: The Governing Body noted with satisfaction that there were no cases of grievances and raging and resolved to continue the activities of grievance redressal cell, Anti-Ragging Squad & Anti-Ragging Committee with keen interest so as to prevent any untoward incident in future.

Item-13: Details of the cases received under Right to Information Act and Information communicated to respective agencies.

Resolution-13: The Governing Body was pleased to note that the functioning of the college is so transparent that there are no requests for information under RTI Act.



**6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If yes, what are the efforts made by the institution in obtaining autonomy?**

Yes, it does. Our Institution has plans to apply for the autonomous status after duly fulfilling the prerequisites for the process.

**6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?**

To foster finer stakeholder relation the Institute has developed two Cells called Grievances Redressal Cell and Anti-ragging Cell which critically examine the nature of complaints and clinch the issues. As part of this mechanism complaint boxes are arranged and contact numbers of the members of both the two cells are displayed on notice boards so as to make students drop a complaint or directly contact the members in case any inconvenience caused.

**6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?**

No, there have not been any instances of court cases filed.

**6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If yes, what was the outcome and response of the institution to such an effort?**

Yes, it does.

- Feedback from regular students is taken twice a semester one in the beginning and the other at the end.
- In addition feedback is attained through counseling and it is signed by the student in the counseling book.
- At the end of the course exit feedback is collected.
- Feedback from passed out students is obtained by conducting Alumni meet.

- All these feedbacks are carefully analyzed by the Principal and he interacts with HoDs and faculty to enhance the Institutional performance. The minutes are conveyed to the management. The Management finally takes proper decision to improve the overall competency of the students.
- At board meeting, these minutes are discussed and proper measures are implemented.

### **6.3 Faculty Empowerment Strategies**

#### **6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?**

KHIT supports all the staff to enrich professionalism by:

- Encouraging them to be associated with bodies like ISTE, IEEE, IETE, FIE, CSI and so forth.
- Sponsoring them for workshops, seminars and conferences in addition to granting academic leaves.
- Providing them with incentives for research and publications.
- Furnishing updated material through Digital Library.
- Stimulating their interest in delivering guest lecturers.
- Conducting Train the Trainer Programme
- Providing industrial training to faculty.

#### **6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?**

Strategies followed to empower faculty are:


- Imparting training to them on emerging technologies by experts
- Motivating them to upgrade their qualification
- Encouraging them to enroll for refresher courses and partake in seminars, conferences and workshops
- Arranging orientation to amateur faculty on pedagogy
- Providing a wide-range of scope for the exhibition of creative ideas

**6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.**


Faculty performance is assessed based on different parameters such as:

- Feedback from the students in the subjects they taught
- Pass percentage acquired by them in the subjects they dealt
- Demeanor and accountability to their duties, i.e. both academic and administrative ones
- Involvement in activities other than curricular ones.
- Publication of research papers in journals, books published, edited, reviewed, projects handled, etc.


The above all parameters are meticulously assessed and the performance is reviewed by the principal. The following is a sample questionnaire given to students to evaluate the teachers' performance.



**Kallam Haranadhareddy**  
Institute of Technology  
(Affiliated to JNTUK , Approved by AICTE)



Quality  
Discipline  
Commitment



EAMCET  
CODE  
**K HIT**

**STUDENT FEEDBACK**

**Give your feedback honestly for the faculty members who taught the subjects for this semester**

A - EXCELLENT B - GOOD C - AVERAGE D - POOR

S.No.	Evaluation Parameter	S1	S2	S3	S4	S5	S6
***	Faculty Name	ST1	ST2	ST3	ST4	ST5	ST6
1	Punctuality	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
2	Appearance and Personality	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
3	Communication Skills	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
4	Subject Preparation	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
5	Ability to explain concepts	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
6	Depth of knowledge	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
7	Sincerity in teaching	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
8	Ability to maintain discipline	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
9	Using notes, printed materials, related references	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
10	Respond to the doubts	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
11	Conducting of tests	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
12	Availability in campus	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
13	Relationship with students	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
14	Syllabus Coverage	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
15	Lecture at different levels	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D

RESET
SUBMIT

**Fig. 6.3: Format of Online Student Feedback**

#### **6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stake holders?**

The management always plays a vital role in the performance appraisal of the staff. They keep a meticulous supervision on the work culture of all the employees and promotion, annual increments and other incentives are offered accordingly.

#### **6.3.5 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?**

KHIT has created a congenial ambience of work culture by providing the following welfare schemes for the entire staff.

- Free transport for all employees
- Incentives, Increments and Promotions
- Maternity and post-maternity leaves for women
- Sponsorship to workshops/seminars/refresher courses
- Special academic leave for research or Ph D work
- Contributory EPF facility for the non-teaching staff

#### **6.3.6 What are the measures taken by the institute for attracting and retaining eminent faculty?**

The steps taken for the retention of the senior and eminent faculty are:

- Hassle-free work ambience with a freedom to select the subjects
- Participation in decision making
- Impetus to present papers in various seminars, publications, etc.
- Immediate increments to those who are conferred on Doctorates
- Recognition of the faculty's best performance by the management in the way of a testimonial.

### **6.4 Financial Management and Resource Mobilization**

#### **6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?**

The monetary resources of the college are managed in a very efficient and fool proof

manner. The fully-digitalized accounts section looks after three types of accounts, viz.

- Receipts & Payment Accounts.
- Profit & Loss Accounts
- Balance Sheets

Estimation of finance is made on both academic and administrative activities.

### **On Academic Activities**

Keeping in mind the existing and new courses for the imminent year, Consulting the Principal, Heads of individual streams draft the budget proposals. Bearing in mind the College Academic Committee recommendations, HoDs prepare the budget proposals for organizing different activities with the assistance of budget associates.

### **On Administrative Activities**

Considering the suggestions of the Governing Body, the Principal prepares the budget proposal for all the administrative functions in consultation with the accounts section. The Budget Committee that is composed of the Principal & HoDs consolidates the individual budget proposals. Taking into account the available resources, recommendations will be submitted to the Governing Body. Based on the recommendations of the Governing Body, the President will sanction institutional budget for the financial year. The Management permits the Principal to distribute the sanctioned amount to the departments of the institution. Accordingly, the Principal issues orders to the departments.

### **Budget Utilization**

Allotted amount of money is used by HoDs in accordance with their necessities. They hand over an application of request to the Head of the institute for the purchase of essential things. After getting quotations from the supplying firm, they make a comparative statement and make proposals for purchase. The Purchasing Committee will agree on the indent for placing an order. The President/the Secretary approves it and the payment is made. After every purchase, entry will be made in the relevant department stock registers and pecuniary transactions are entered in account logs.

**6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.**

KHIT observes both internal and external audit. Internal auditors make quarterly visit and close the verification of the previous quarter's transactions. They will make a consolidated quarter-wise statement and submit it to the management. The management, in turn, will give the report to external auditors and ask them to verify for compliance.

**Internal Audit**

Internal audit is carried out in finance and other areas. Accounts Manager of the college is entrusted with the duty of verifying the genuineness and correctness of the financial dealings. Internal audit of the other areas will be held by the committees nominated by the Principal and the members draft and submit a report to the Principal.

**External Audit**

At the end of the financial year, Kallam Academy of Educational Society accounts will be officially inspected by a qualified chartered accountant. No major audit objections are received, as explicit and systematic method of accounting is sustained in the institution.

Last internal audit was done up to June 2016 and external audit up to March 2016. Till date there is no wretched remark on the accounts of the institution. Annual Income tax returns are filed within the specified time limit.

**6.4.3 What are the major sources of Institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.**

Tuition fee from the students is the main source of income for the institution. KHIT has budget allocation system for every academic year covering all the departments. Budgeted expenses will be compared to projected revenue and necessary modifications to be done. The audited income and expenditure statement of the previous four years and the reserve fund / corpus are:

**Major Sources of Income**

Details	2014-15 (Rs)	2013-14 (Rs)	2012-13 (Rs)	2011-12 (Rs)	2010-11 (Rs)
Tuition Fee	58826500	46547500	41132250	16425750	3716250
Bus fee	11932700	4578067	3114800	1882200	814600
Total Income	70759200	51125567	44247050	18307950	4530850

**Major Expenses**

Particulars	2012-13	2013-14	2014-15	2015-16
Salaries	1,95,13,720	2,65,45,778	3,70,15,468	5,04,58,638
Lab Maintenance	8,17,666	9,99,484	6,01,109	5,25,612
Electricity	5,49,086	8,11,589	10,20,350	16,11,025
Training & Travelling	49,565	1,60,949	4,47,804	3,50,524
Building	76,95,526	18,47,474	11,99,822	2,20,82,344
Computers & Software's	27,65,384	19,01,055	41,140	11,73,000
Furniture	5,29,445	18,33,664	2,33,496	3,62,668
Generator	24,603	3,34,815	22,544	1,06,595
Lab Equipment	70,84,177	19,59,407	3,48,595	6,20,097
Library	697742	9,99,497	8,58,877	4,47,770
Hostel	415931	1134593	3116100	69,84,087
Vehicles – Buses	31,61,701	37,43,253	5,47,79,63	84,95,265
Others	95,72,229	1,87,41,296	1,97,02,822	1,98,85,452

**6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).**

All expenditure is being planned within the internal source of income till now. Parallely college is trying to procure additional funding through other sources.

**6.5 Internal Quality Assurance System (IQAS)****6.5.1 Internal Quality Assurance Cell (IQAC)**

**a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If yes, what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

Yes, KHIT has set up its IQAC on 17<sup>th</sup> Feb, 2016 with the below-mentioned composition.



S. No.	Name	Designation	Position in IQAC
1.	Dr M Uma Shankara Reddy	Director	Coordinator
2.	Dr B S B Reddy	Principal	Member
3.	Prof S Suryanarayana	Dean - Circuit Branches & H o D(ECE)	Member
4.	Dr I Srinivasa Reddy	Dean - Non-circuit Branches & H o D(CE)	Member
5.	Prof R Subba Reddy	H o D-EEE	Member
6.	Dr S C V Ramana Murthy Naidu	H o D-ME	Member
7.	Prof B Satya Narayana Reddy	H o D-CSE	Member
8.	Prof P Appi Reddy	H o D-S&H	Member

As enhancement of quality is a continuous process, IQAC is striving and not leaving any stone unturned in fulfilling the cherished goals of the institute.

**The policies of IQAC are:**

- Equipping the aspirants with the most advanced knowledge in their specific streams, and thereby making them meet the necessities of the current employment market.
- To concentrate on increasing the number of placements in renowned firms through on-campus and off-campus drives
- Strengthening industry-academia linkage
- Providing special training/coaching in sports to students in order to make them imbibe team-spirit
- Organizing guest lectures by eminent resource persons to enrich the academic input of students
- Conducting remedial sessions for slow-learners
- Honing the language and communication skills of the student community
- Inculcating the spirit of dedication and service among student volunteers through NSS activities
- Organizing train the trainer schedules periodically to make teachers be in touch with the latest information
- Recording the accomplishments of all departments and bring them out in college newsletters

**b. How many decisions of the IQAC have been approved by the management authorities for implementation and how many of them were actually implemented?**

The management of KHIT holds a firm faith in quality-oriented training and instruction

as stated in the vision and the mission. It has approved all the decisions taken by Internal Quality Assessment Cell.

**c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**

Yes, it does. It possesses totally eight outsiders on its committee, including five senior professors from reputable engineering colleges of the state, an industry executive, one representative from Professional Society and one parent representative. The data is given in the below drawn table.

S. No.	Name of the external member	Designation	Industry/Institution
1.	Dr K Chandra Mouli	H o D-CE	NRIIT, Visadala
2.	Dr Chandra Sekhara Rao	H o D-EEE	RVR Engg. College, Chandramoulipuram
3.	Dr Vijay Kumar	H o D-ME	PVP Siddartha Col of Engg., Vijayawada
4.	Dr K Giri Babu	H o D-ECE	VVIT, Nambur
5.	Dr M Sitharam Prasad	H o D-CSE	K L University
6.	Mr P Venkateswara Reddy	MD	Kallam Spinning Mills, Chowdavaram
7.	Prof K Srinivas	Professional Society Representative	ISTE, FIE
8.	Sri Kandi Subba Reddy	Parent Representative	

All the above mentioned members of IQAC committee have provided succor in the planning and effective execution of various events organized on campus on and off.

**d. How do students and alumni contribute to the effective functioning of the IQAC?**

IQAC Cell of KHIT comprises two student representatives (i.e. one girl & one boy) and two alumni as members. These four are regularly in contact with the institution and recommend some modifications/betterments for the flourishing and effective organization of the institution school. Even from time to time the institute itself asks for their suggestions. All these suggestions/recommendations are considered for the enrichment of quality in diversified

activities of the institute. The data regarding student representatives and alumni is mentioned below.

S. No.	Name of the Student Representative/Alumni	Year/Batch	Industry/Institute
1.	Mr. P. Gurunadh	IV/2013-17	KHIT
2.	Ms. K. Alekhya	IV/2013-17	KHIT
3.	Mr. Sk. Karimullah/ Alumni	2011-15	Yatra Genie
4.	Ms.K.Dakshayani/ Alumni	2012-16	Global Logic

**e. How does the IQAC communicate and engage staff from different constituents of the institution?**

The persons that are nominated as the representatives of IQAC participate in conferences and the conclusions reached are passed on to the staff by circulars, notices, mails or website. To ensure agile engagement of the staff in the activities of IQAC, the entire staff is encouraged to share their viewpoints regarding the holding of different phenomena.

**6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If yes, give details on its operationalization.**

Yes, it owns a typical frame work in the form of a planning committee, a monitoring committee, a grievance redressal committee, etc.

**6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If yes, give details enumerating its impact.**

Yes, KHIT makes arrangements to train the faculty through FDPs, orientations, refresher courses, seminars and workshops. As a fruit of these efforts, the teaching community is progressing very well in the inculcation of invaluable information and skills into the minds of techno - lads and lasses. Furthermore they are busily indulged in research work, publication of papers and guidance of projects too.

**6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If yes, how are the outcomes used to improve the institutional activities?**

An academic audit is carried out by the ISO auditors both internally and externally.

External review by ISO and the exhortations proposed by BSI are considered and the noncompliance report is ameliorated. The audit points out the areas of improvement. Accordingly, the institute draws up a lay out and executes it. College academic performance is regularly surveyed by the affiliating university through (i) student attendance, (ii) internal test marks and (iii) semester-end exam marks. Course files designed by the faculty will be cross-checked by HoDs and the Principal at the dawn of every semester. The contents of the course files are as follows.

- Individual Timetables
- Course Objectives and PEOs
- Syllabus
- Lesson Plan
- Lecture Notes, PPTs (Hard Copies if any)
- Tutorial Questions and Answers
- Mid Papers and Questions
- Old Question Papers (University)
- Slip Tests
- Lecture Notes for extra topics covered
- List of Slow-learners
- Syllabus coverage and actual number of classes taken
- Result Analysis

At the dusk of every semester the Principal designates a committee to audit the Internal /External test scripts. Banking on the record of this committee, the method of working will be decided.

#### **6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?**

With regard to the standard of teaching-learning process there is alignment between IQAC and External Quality Assurance Agency. Teaching Quality is monitored by the H o Ds concerned. Based on the above, preventive steps are taken. Annual ISO inspection is done to keep an eye on academic and managerial performance. Feedback from the stakeholders is received and based on that, the institution guarantees effective quality.

### **6.5.6 What Institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?**

The HoD allocates the subjects to the faculty relying on their area of study. They are requested to surrender the lesson plan and lecture notes for all units before the beginning of the class work of the particular semester and this will be checked by the course coordinator. Internal Assessment Test and Assignments are a component of the academic schedule; student counseling and class committee meetings are used to scrutinize the teaching- learning process.

Things considered for the preparation of policies on Teaching - Learning Process are:

- The intra-semester and end-semester feedbacks on all subjects are received from students.
- Teachers are provided with a copy of student feedback about their performance in the class room and the laboratory for making necessary improvement. Further, they are counseled by the head of the department, Principal and Director in case it is essential.
- H o Ds will estimate evenness in both the syllabus coverage and the quality of teaching.
- The standard of course material prepared by the faculty is evaluated and suitable recommendations are made for their enrichment by veteran teachers.
- Examination results are scrutinized and intimated to the respective facilitator with suggestions for betterment.

#### **Evaluation Procedure & Feedback**

- Through online student feedback system faculty is evaluated twice a semester. This is surveyed and apt suggestions are given to the faculty by the respective H o D and the Principal to make sure that their deficiencies are healed.
- The feedback-form mainly focus on variegated competencies like presentation, communication, depth of subject knowledge, content covered, ability to maintain discipline, using notes, printed material and related references, response to doubts, unbiased evaluation, innovative practices and relationship with students.
- At the closure of the academic year performance and self-appraisals are taken from the faculty for evaluation. Depending on it the faculty is counseled.
- During ratification peers from the university evaluate them and data is maintained by the

college.

### **Syllabus**

- Besides university curriculum add-on programmes are supplemented

### **Academic Calendar**

- The number of instructional hours is in accordance with the affiliating University.
- Additional periods are taken as and when required.

### **6.5.7 How does the Institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?**

The teaching and the student communities are apprised of policies, mechanisms and results with the help of circulars, notice boards and meetings. Parents, passed-out students and industries are corresponded through letters and electronic mails, college website, brochure and magazine. And at times they are even called for a meet to be intimated with.

# **Criterion VII**

## **Innovations and Best Practices**

## Criterion VII

### Innovations and Best Practices

#### 7.1. Environmental Consciousness

##### 7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

KHIT is located in a serene environment at Dasarapalem village in Guntur rural on NH- 5. Even though there is no formal green audit conducted on the facilities on campus, the utmost importance is given to the clean and green surroundings of the institution. The avenue plantation is seen on the campus and other hygienic activities are implemented thoroughly by the management, followed by the staff and student community and monitored by NSS team members regularly. Other sound resource practices like keeping the class rooms clean and green, using modern gadgets in the canteen to maintain the cleanliness and hygienic toilets for the students have placed the campus among the eco-friendly organizations with environmental consciousness.

##### 7.1.2 What are the initiatives taken by the college to make the campus eco- friendly?

- \* **Energy conservation**
- \* **Use of renewable energy**
- \* **Water harvesting**
- \* **Efforts for Carbon neutrality**
- \* **Plantation**
- \* **Swatcha Bharath campaigns**

##### **Energy Conservation:**

In order to cater the needs of our growing energy needs, it is very important to preserve the energy resources. It has been taught to the students to use the electricity legibly, so that they can conserve energy everywhere in this way. The classroom power consumption is monitored by the class teacher and the class representative. In the laboratories also, the equipment is serviced immediately at the closing of semester, to reduce the excessive power utilization. Initiative has been taken up to use state-of-the art technology to monitor water levels of the tanks, so that there is a possibility of preserving water. Hoardings displaying the urgent need to preserve the natural resources have been set up on the campus to alert and alarm the future generations regarding the importance of non-renewable energy sources.



**Use of renewable energy:**

Non conventional energy resource –‘solar energy’ setup in the campus is under the discussion among the management members. The management has the idea to set up the solar power plant in a phased manner as the alternative energy resource.

**Rain water harvesting:**

There are four percolation areas at the four corners of the campus to refill the water levels of the ground. Though the institution is equipped with two bore wells to cater the general needs of the campus, harvesting rainwater allows better utilization of energy resource. It is important to store the rain water since it is not easily renewable and at the same time, we can reduce the wastage of water. Systems for the collection of rainwater are based on simple technology and the technical support of the in house engineers has been used to set up the pits. The result is that the collected water can be used in several ways even without purifying it.

**Efforts for Carbon neutrality:**

It has been taken an oath to maintain carbon neutrality on the campus. Measures like disposing the waste paper and dead leaves in the manure pits, keeping the motor vehicles away from the campus, plastic free environment and disposing the e-waste materials in an appropriate way make the campus pollution free and a hygienic one.

**e – Waste Management:**

The e-waste generated in college is used for education purpose for demonstration of the technical concepts and some of the waste is used for making hardware in laboratories for display and understanding. The remaining material is disposed off in an appropriate and useful manner.

**Plantation:**

The college is situated in 10.71 acres of land and there is abundant greenery on the campus in the form of Avenue Plantation. Different varieties of trees and lawns are maintained on the campus which gives pleasant environment of the institution. The student volunteers have actively participated in the sapling plantation and mass plantation programs as a part of NSS program. This has stopped the soil erosion also on the campus. Saplings of Jatropa, Neem, Tamarind, etc were planted in the college and hostel. The college has taken the responsibility of extending this program to the nearby localities. There is regular watering to the plants daily by the supporting staff.

**Swatcha Bharath Campaigns**

Swachh Bharat Abhiyan is also known as the Clean India Mission. The Indian Government has introduced this campaign to cover all the towns with poor sanitation and to make them clean. This national level campaign includes the construction of latrines, awareness about sanitation in the rural areas, cleaning streets, roads and changing the infrastructure of the

country to lead and develop the country ahead. The college NSS team has actively participated in the Swatch Bharath campaign and has taken the initiation to clean the Dasarapalem village. Girl students along with the faculty members cleaned the streets of village and the boy students participated in the decomposition of the waste.



**Swatcha Bharath Campaigns**

## **7.2 Innovations**

### **7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.**

As the institution wants to excel in the academics and administration, it has implemented many innovative practices. They proved to be resourceful in grooming the interpersonal skills of the student.

Some of the practices are:

#### **a.) Academic Innovations:**

- From II B. Tech onwards, all the branches have introduced Soft-skills in the timetable though it is not there in the curriculum. Every week, students need to attend 2 periods of

soft-skills class, taught by the English faculty and were asked to complete the assignments. With the above said practice, the students improved their communication skills, personality development and presentation skills.

- To meet the demands of the global market, from III B. Tech onwards, students are given rigorous practice in arithmetic, reasoning and verbal aspects, by the resource persons from eminent institutions as a part of Campus Recruitment Training program.
- In addition to academic innovations, the institution wants to enrich the students ethically, morally and culturally. Motivational sessions and inspirational seminars of eminent resource persons are conducted every week in the college seminar hall to ignite the hidden talents of the student community.
- From IInd year onwards, the college wants to groom the application oriented skills among the students. They are encouraged to participate in the paper presentations and poster presentation competitions of all the premier institutions.
- The institution also encourages the students to IITs and NITs for attending seminars and to participate in the best project competitions etc. where good quality papers are presented.
- The management is generous to sponsor the talented pool of students to do live projects in industries without compromising on quality. Students have done power grids and solar vehicles and improved their practical knowledge.
- The college is equipped with e-class rooms and a digital library, where students use the latest technological methods to widen their understanding ability. Video lectures, soft wares are kept available in the digital library so that students can avail them whenever they need.
- Several innovative practices like PPT presentation, participating in role-play, group discussions, mock interviews and extempore are being introduced to develop the professional skills among the students.

**b.) Quality assurance mechanism:**

- In order to solve the difficulties faced by both students and staff members regarding the curriculum, syllabus completion dates and the teaching learning process, regular class work review meeting is held twice in every semester. The entire process is reviewed by senior faculty members of college and Principal.
- Students belong to all the branches need to give feedback to all the concerned faculty members at the beginning and closing of every semester. Their responses are considered

and examined by both the Heads of the Department and the Principal .Corrective measures will be initiated basing on the feedback.

- Feedback is a tool which improves the quality of administration and academic performance of an organization. In this context, feedback is taken from the parents, faculty and the alumni for better functioning of the organization.
- Self-appraisal is submitted by each faculty to the management and the appropriate action will be initiated based on the reports.
- A very effective and strict monitoring of student attendance has been given much importance to improve the attendance percentage. Every day the list of absentees is sent to the parents through SMS alert from the college administrative department.

**c.) Student development system:**

- Every student is monitored by the class teacher regularly. The class representative takes the initiation of expressing clarifications and they will be monitored by the hierarchy of the faculty.
- Every student has been provided with a mentor, who guide and counsel nearly 15 students both academically and personally.
- From II year onwards, career counseling is given much importance, in order to place the student in the best position. Training and placement cell takes the great responsibility of placing the students in MNCs.
- Presenting cash prize of Rs.10,000/- to the top 10% students in their section of class is a regular practice in KHIT. It also creates a healthy competitive spirit among students so that they can excel in academics.
- Remedial classes are conducted to slow learners to enhance grasping skills of the students.

**d.) Research activities:**

- Faculty members are encouraged to opt for higher studies and research. Faculty is offered with cash incentives, study leaves and TA, DA bills based on the quality of the papers.
- During the day of presentation, the faculty member is provided with special leave and there is a continuous encouragement to attend the seminars, workshops and conferences.
- Fully equipped laboratories, digital library, e-journals and other state-of-the-art infrastructure facilities to the faculty members to carry on research on the campus.

### 7.3 Best Practices:

#### 7.3.1 Elaborate on any two best practices (in the given format at Page No.98) which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the College

##### Title of the Practice: RESEARCH INITIATIVE

1. **Goal:** To inculcate a culture of analytical thinking, and develop an exploratory search for knowledge amongst both staff and students.

2. **The context:** The world of education today is now research driven. The absence of research would leave large lacunae in the current fast paced progressive society. Students need to realize the importance of opening their minds to the endless possibilities of research application.

3. **The practice:** Faculty development programs are conducted regularly in the department and the staff members are encouraged to attend the seminars and workshops at reputed organizations. Providing the special leave facility and other incentives to attend the International conferences is a regular practice in the institution.

##### 4. Evidence of success:

S. No	Name of the Faculty	Dept	Registered for	University	Year of Registration
1	Mr.P.P.Sharma	EEE	Ph. D	AU	2013
2	V.Revathi Devi	S&H	Ph. D	ANU, Guntur	2012
3	P.Appi Reddy	S&H	Ph. D	ANU,Guntur	2016
4	Mr.K.Hari Krishn	EEE	Ph. D	ANU,Guntur	2011
5	B.Aruna	S&H	Ph. D	PadmavathiMahila viswavidyalayam, Thirupathi	2015
6	N. Sridevi	S&H	Ph. D	ANU,Guntur	2013
7	P.V.Sivaji	S&H	Ph. D	ANU,Guntur	2012
8	I.Vijay	S&H	Ph. D	ANU,Guntur	2016
9	P.Nagaraju	S&H		Rayalseema University, Kurnool	2010
10	K.Yugandhara Reddy	CE	Ph. D	JNTUK, Kakinada	2013
11	T. Blessingstone	CE	Ph. D	JNTUK, Kakinada	2013

12	Mr. G. Raju	ME	Ph. D	JNTUH	2012
13	Mr.P.Surendra Babu	ME	Ph. D	JNTUK	2013
14	Mr.V.Nageswara Rao	ME	Ph. D	ANU Guntur	2014
15	Mr.TVSRK.Prasad	ME	Ph. D	ANU, Guntur	2011
16	Mr.G.Suresh Babu	ME	Ph. D	ANU, Guntur	2011
17	P.Inna Rao	S&H	M. Phil	ANU, Guntur	2014
18	P.Revathi Prasanna	S&H	M. Phil	ANU, Guntur	2016

### 5) Problems encountered and resources required:

As the management is generous enough in providing the financial resources to the faculty and the student members who are in research, it has created a good academic ambiance. No problems were encountered in implementing such practice.

### Best Practice-2:

#### Title of the Practice: ENHANCING INTERPERSONAL SKILLS OF STUDENTS.

##### 1. Goal:

It is to motivate and groom the academic and professional skills among the students, so that they can develop their interpersonal and employability skills.

##### 2. The Context:

Students require rigorous practice and continuous encouragement in order to be hired by the best institutions in the campus placements drives. The institution aims at excelling the career of the students.

##### 3. The Practice:

In the present day competitive world, apart from subject knowledge, communication skills, presentation skills and creative skills are also given much importance. The institution aims at developing the competitive spirit among the students. They should develop professional skills in order to meet the challenges of life. They have to enhance their knowledge levels and must have knowledge on latest developments and also must have creativity. To inculcate these skills, the students are encouraged to attend the campus recruitment training classes. Resource persons of the expertise will conduct the classes and hone the skills of the students so that they can be ready with employability skills.

**4. Evidence of Success:**

<b>S.NO</b>	<b>COMPANY NAME</b>	<b>NO.OF STUDENTS SELECTED</b>	<b>PACKAGE</b>
1.	GLENWOOD SYSTEMS, CHENNAI	2	1.80 LPA
2.	MAGNAQUEST, HYDERABAD	1	3.2 LPA
3.	VEE TECHNOLOGIES, BANGLORE	12	1.50 LPA
4.	ALL ONLINE , BHUBANESWAR	16	3.0 LPA
5.	HGS, BANGLORE	18	2.80 LPA
6.	INTONE NETWORKS, HYDERABAD	10	1.44 LPA
7.	SUTHERLAND GLOBAL SOLUTIONS, CHENNAI	22	1.80 LPA
8.	YATRAGENIE, VIJAYAWADA	3	1.50 LPA
9.	AKUVA INFOTECH, BANGLORE	3	
10.	S' PEAK SOLUTIONS, VIJAYAWADA	26	1.50 LPA
11.	AXNESS TECHNOLOGIES, HYDERABAD	6	2.40 LPA
12.	DHARANI TECHNOLOGIES, HYDERABAD	3	1.50 LPA
13.	TATACONSULTANCY SERVICES(TCS),BANGLORE	1	2.4 LPA
14.	REHABOTH SURVEYS, HYDERABAD	24	1.40 LPA
15.	SYNTEL, HYDERABAD	1	2.8 LPA
16.	LEGEND ENGINEERS, HYDERABAD	3	1.20 LPA
17.	ZEALOUS SERVICES, CHENNAI	31	1.20 LPA
18.	TECH MAHINDRA, HYDERABAD	3	1.2 LPA
19.	ICICI LOMBARD, HYDERABAD	7	1.2 LPA
20.	EUREKHA FORBES, HYDERABADA	4	1.2 LPA
21.	AMAZON, HYDERABAD	1	3.4 LPA
22.	HGS, BANGLORE	2	1.5 LPA
23.	SUBHAGRUHA , HYDERABAD	2	1.2 LPA
24.	SOFTWARE SOLUTIONS, HYDERABAD	2	1.2 LPA
25.	NIVRITI SOLUTIONS, GUNTUR	3	1.02 LPA



26.	KALLAM SPINNING MILLS, ADDANKI	21	1.44 LPA
27.	EXIDE LIFE INSURANCE LTD, CHENNAI	15	2.40 LPA
28.	KIRLOSKAR TOYOTA(KTTM) , BANGLORE	5	3.60 LPA

### 5. Problems encountered and resources required:

As majority of the students are from rural background, they were needed to start from the basic principles. So the process exceeded than the expected duration. Apart from that there is no other problem encountered particularly.

### Best Practice 3 : Rs.10, 000/- merit scholarships to the top 10% students in each section

#### 1. Goal:

Eencouraging and motivating the students to excel in academics.

#### 2. The Context:

Motivating the students to get cash prize to first and second toppers in each section of each class of a branch.

#### 3. The Practice:

To make the students abreast with latest technological developments and create an innovative mind set and to bring out their innate talents and potential, the ten lakh scholarship has helped a lot. Every year the toppers of each class of each branch are receiving cash prizes in the annual day celebrations and receiving the cash price from the hands of the chief guest. It is encouraging them and boosting them to strengthen their confidence levels and be successful in their future endeavors.

#### 4. Evidence of Success:

The above practices resulted in the development of healthy competition among the branches.

S.No	Year	No. of Students Benefited	Total Amount in Rs.
1	2015-16	365	20,40,000.00
2	2014-15	235	11,65,616.00
3	2013-14	74	5,97,500.00
4	2012-13	42	4,20,000.00
5	2011-12	25	2,50,000.00

**5. Problems encountered and resources required:**

There are no serious problems that have been faced so far. It is a time taking process to identify the toppers in the class, as there are slight variations in the percentage of marks.

## **Evaluative Reports of the Departments**

## Evaluative Report

### DEPARTMENT OF CIVIL ENGINEERING

1. **Name of the department:** Civil Engineering

2. **Year of Establishment:** 2010

3. **Names of Programmes / Courses offered:**

- UG: B.Tech (Civil)
- PG: M.Tech (Structural Engineering)

S.No.	Name of the Programmes offered	Intake
1	UG: B.Tech – Civil Engineering	120
2	PG: M.Tech – Structural Engineering	24

4. **Names of Inter disciplinary courses and the departments/units involved:**

S.No.	Course	Department
1	Basic Electrical and electronics Engineering	EEE,ECE
2	Probability and statistics	Science & Humanities
3	Managerial economics and financial analysis	Science & Humanities
4	Mathematics	Science & Humanities
5	English Communication skills lab	Science & Humanities
6	IPR & Patents	Science & Humanities

5. **Annual/semester/choice based credit system(Program wise):**

- UG: B.Tech (Civil Engineering) Semester based Credit Systems.
- PG: M.Tech (Structural Engineering) Semester based Credit Systems.

6. **Participation of the Department in the courses offered by the other Departments:**

S.No.	Course	Departments offered
1	Mechanics of Solids	Mechanical Engineering

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL

8. Details of courses/programs discontinued (if any) with reasons: NIL

9. Number of teaching posts:

Designation	Sanctioned	Filled
Professors	3	3
Associate Professors	7	5
Asst. Professors	14	16

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.):

S.No.	Name	Qualification	Designation	Specialization	Experience (Years)
1	Dr .I.Srinivasa Reddy	M.Tech., PhD	Professor & Dean &HOD	Transportation Engineering	18
2	Dr.C.Ravi Kumar Reddy	M.Tech., PhD	Professor	Structural Engineering	13
3	K. Srinivas	M.E.	Professor	Structural Engineering	30
4	M. Satish Kumar	M.Tech(Ph.D)	Assoc. Prof.	Environmental Engineering	12
5	T.Blessing Stone	M.E (PhD)	Assoc. Prof.	Structural Engineering	9
6	M.Rambabu	M-Tech	Assoc. Prof.	Transportation Engineering	6
7	S.L.P.Durga Devi	M.Tech	Assoc. Prof.	Structural Engineering	5
8	K.Venkatesh	M.Tech	Assoc. Prof.	Structural Engineering	5
9	M.Jugal Kishore	M.Tech	Assoc. Prof.	Structural Engineering	5
10	K.Vasantha Rao	M.Tech	Asst. Prof.	Structural Engineering	2
11	V.Raja Sekhar Reddy	M.Tech	Asst. Prof.	Soil Mechanics & Foundation Engineering	3
12	Ch.Nitin Kumar Reddy	M.Tech	Asst. Prof.	Construction Technology &	1

				Management	
13	H.Teja Kiran Kumar	M.Tech	Asst. Prof.	Structural Engineering	1
14	Sk.Jareena	M-Tech	Asst. Prof.	Geotechnical Engineering	2
15	V.Rajendra Kumar	M-Tech	Asst. Prof.	Transportation Engineering	1
16	K.Kowshik	M-Tech	Asst. Prof.	Construction Technology & Management	1
17	B.S.S.Ratnamala Reddy	M-Tech	Asst. Prof.	Construction Technology & Management	1
18	K.Siva kiran	M-Tech	Asst. Prof.	Structural Engineering	1
19	Ch.Jagan Mohan	M-Tech	Asst. Prof.	Structural Engineering	1
20	K.Sai Vivek	M-Tech	Asst. Prof.	Structural Engineering	1
21	Sk. Mohammad Shabuddin	M-Tech	Asst. Prof.	Structural Engineering	1
22	Vankadaru Sowjanya	M-Tech	Asst. Prof.	Structural Engineering	1
23	N. Durga Prasad	M-Tech	Asst. Prof.	Structural Engineering	1
24	Tirumalasetty Narendra	M-Tech	Asst. Prof.	Structural Engineering	1

**11. List of senior visiting faculty-NIL**

**12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty –NIL**

**13. Student-Teacher Ratio(program wise)**

- UG: B.Tech (Civil) 15:1
- PG: M.Tech (Structural) 12:1

**14.Number of academics support staff (technical) and administrative staff; sanctioned and filled.**

S.No.	Staff designation	Sanctioned	Filled
1	Academic support staff (Technical)	7	7
2	Administrative staff	2	2

**15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/ MPhil/PG.**

S.No.	Qualification	Faculty Numbers
1	Ph D	2
2	M.Tech	22

**16. Number of faculty with ongoing projects from funding agencies and grants received:**a) **National:** NILb) **International:** NIL**17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:**

S.No.	Name of the Faculty	Title of the Project	Amount (Rs.)	Funded by
1	Dr. I. Srinivasa Reddy	Computer Aided Design of Traffic Signals	20,000.00	KHIT
2	Mr. K.Venkatesh	Evaluation of Compressive Strength and Durability Characteristics of M40 Concrete using Superplasticizer	10,000.00	KHIT
3	Dr. I. Srinivasa Reddy	Soil Stabilization using Terazyme Bio-Enzyme	15,000.00	KHIT
4	Mr.U.V.Tilak	High Strength Redused Modulus of High Performance Concrete	15,000.00	KHIT
5	Mr.V. RajaSekhar Reddy	Evaluation of Soil Characteristics in New Capital Region-Tullur	10,000.00	KHIT

**18. Research Centre /facility recognized by the University: NIL**

**19.Publications:**

a) Publication per faculty (last four years):

**National/International Journals****A.Y.: 2015-16**

S. No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue	ISSN No.
1	Evaluation of Rutting Susceptibility of Bituminous Mixes Using Finite Element Modeling	International Journal of Transportation Engineering and Traffic System	Dr.I.Srinivasa Reddy	2, Issue No.1	2456-2343
2	Improvement of Properties of Expansive Soil using Terrazyme	Journal of Geotechnical Engineering	Dr.I.Srinivasa Reddy and V. Rajasekhar Reddy	3, Issue No.2	2394-1987
3	Evaluating Rutting Susceptibility of Bituminous Mixes using Indigenously Developed IIT KGP Rut Tester	Journal of Trends in Transport Engineering and Applications	Dr.I.Srinivasa Reddy	3, Issue No.2	2394-7284
4	Remote Sensing and GIS based topographical Mapping for Environmental Management Study	International Journal of Applied Engineering Research	Dr.I.Srinivasa Reddy	11, Issue No.2	0973-4562
5	Impact of soil charecterstics on shredded rubber	IOSR Journal of Mechanical & Civil Engineering	Dr.I.Srinivasa Reddy and V. Rajasekhar Reddy	13, Issue No.2	2278-1684
6	Determination of Fracture Parameters and the Study of Mixed Mode Crack Propagation in	IJESRT International Journal of Engineering Sciences & Research Technology	Mr. K.Venkatesh Mr. A.V.S Sai Kumar	4, Issue No.8	2277-9655



	High Performance Concrete				
7	Strength Properties of coir fiber reinforced fly ash based Geopolymer Concrete	International Journal of Civil Engineering Research IJCER	Ravi Kumar Reddy, C., and Kookutla Ramesh,	Accepted	2250–3005

**A.Y.: 2014-15**

S.No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue	ISSN No.
1	Effect of binders type, binder content aggregate gradation, Temp and air voids on rutting susceptible of bituminous mixes	International Journal of Transportation Engineering and Traffic System	Dr.I.Srinivasa Reddy	11, Issue No.2	2456-2343
2	Modeling of Building Frame on Pile Groups Embedded in Sand	IJAER	Ravi Kumar Reddy, C., M. Anjaneya Prasad, Y V Bhavani Saikumar, T Narendra, Y Naga Satyesh	10, Issue No.:3	2231-5152
3	Numerical analysis of piles in layered soils: A parametric study	IJET	Ravi Kumar Reddy, C., K. C. Padmakar, M. Manjari, CH. Ekasaikumar, KPRK. Saikumar	7, Issue No.:2	0975-4024

**A.Y.:2013-14**

S.No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue	ISSN No.
1.	Identification of Rheological parameters of modified binders to predict rutting	Journal of Indian Highways	Dr.I.Srinivasa Reddy	41, Issue No.:11	0376-7256

	behavior of bituminous concrete mixes				
2.	Effect of Rigidity of Plinth Beam on Soil Interaction of Modeled Building Frame Supported on Pile Groups”,	<i>Civil Engineering Dimension</i>	Ravi Kumar Reddy, C., and Gunneswara Rao, T. D, “	16, Issue No.:1	1410-9530
3.	An Experimental Study on Interfacial Properties of Rock Flour and Design of Reinforced Soil Bed	International Journal of Engineering Research & Technology	Ravi Kumar Reddy, C., G Anugna Sai, V Ratna Priya and CH Hema Venkata Sekhar	3, Issue No.:11	0974 –3154
4	Study of Corrosion of Reinforced Steel Bars in Recycled Aggregate Concrete with Fly Ash”	International Journal of Engineering Research & Technology	Ravi Kumar Reddy, C., CH Hema Sindhusha, G Hymavathi and N Ramyasri	3, Issue No.:11	0974 –3154
5	Assessment of Seismic Susceptibility of RC Buildings	International Journal of Engineering Research & Technology	Ravi Kumar Reddy, C., Sanjeevarao, P. Ch., Usha Kranthi. J., Srivalli Lakshmi, Ch.	3, Issue No.:16	0974 –3154
6	Numerical Study of Footings in Loss of Contact with the Soil	IJAER	Ravi Kumar Reddy, C., K Hemalatha, V L Pujitha and Tippu Sulthan	10, Issue No.:23	2231-5152

**A.Y.:2012-13**

S.No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue	ISSN No.
1.	Study on rutting criteria for bituminous binders and mixes	Journal of the Indian Roads Congress	Dr.I.Srinivasa Reddy	73, Issue No.4	0258-0500

**A.Y.:2011-12**

S.No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue	ISSN No.
1.	Low cost device for evaluation rutting characteristics of bituminous mixes	Journal of Indian Highways	Dr.I.Srinivasa Reddy	39, Issue No.3	0376-7256
2.	Development of rutting criteria for bituminous mixes using wheel tracking device	Highway Research Journal,	Dr.I.Srinivasa Reddy	4, Issue No.:2	0376-4788
3.	Experimental Study of a Modeled Building Frame Supported by Pile Groups Embedded in Cohesionless Soil	Interact Multiscale Mech	Ravi Kumar Reddy, C., and Gunneswara Rao, T. D.,	4, Issue No.:4	1976-0426
4.	Study of soil interaction in a model building frame with plinth beam supported by pile group	Journal of Advanced Structural Engineering, Springer	Ravi Kumar Reddy, C., and Gunneswara Rao, T. D	4, Issue No.:11	2008-3556

**National/International Conferences****A.Y.: 2015-16**

S.No.	Title of Paper	Name of the Conference	Authors	ISBN No.
1.	Vehicle Pollution: Effects, causes or control measures	National Conference on environment and renewable energy	Dr.I.Srinivasa Reddy	978-93-5230-117-1
2.	Parametric Study of Square Plates Resting	UCE-Osmania University, India	Ravi Kumar Reddy, C., Sai Sowmith, N.,	978 81 7371 986 8

	over Cohesionless Soil			
3.	Effect of soil plasticity index on seismic behavior of building frames	Proc. National Conf. NCEE-15	Ravi Kumar Reddy, C. and Lakshmi poojitha, V.,	--
4.	Soil-prestressed concrete bridge interaction studies using finite element method	Proc. National Conf. NCEE-15,	Ravi Kumar Reddy, C. and Ramya, T	--
5.	Analysis of single bay frame subjected to seismic forces with soil interaction	Proc. National Conf. NCEE-15,	Ravi Kumar Reddy, C. and Naga satyesh, Y.	--
6.	Effect of soil plasticity index on seismic behavior of building frames	Proc. National Conf. NCEE-15,	Ravi Kumar Reddy, C. and Sai kumar VB.	--
7.	Study on soil interaction of bridges	Proc. National Conf. NCEE-15, Nov 2015,	Ravi Kumar Reddy, C. and Ramya sri, N.	--
8.	Loss of contact of rectangular plates on elastic foundation: effect of eccentric concentrated load in transverse direction	Proc. National Conf. NCEE-15	Ravi Kumar Reddy, C., Sai sowmith, N., and Rangarao, V.	--
9.	Seismic analysis of single bay plane frame buildings considering soil interaction	Proc. National Conf. NCEE-15	Ravi Kumar Reddy, C. and Anil kumar, M.	--

10.	Study of multistoried building for suitable foundation considering SSI	Proc. National Conf. NCEE-15	Ravi Kumar Reddy, C., Manjari, M., and Asadi, SS.	--
11.	Soil interaction study on box culvert	Proc. National Conf. NCEE-15	Ravi Kumar Reddy, C., and Siva rama Krishna, I	--
12.	Study on loss of contact of rectangular plates on elastic foundation: effect of eccentric concentrated load in longitudinal direction	Proc. National Conf. NCEE-15	Ravi Kumar Reddy, C., Sahithi, G., and Rangarao, V	--
13.	Behaviour of Square Footing Resting on Cohesionless Soil using Finite Element Analysis	Proc. Int. Conf. on IC-ISE	Ravi Kumar Reddy, C., Sahithi, G.	978 81 7371 986 8
14.	Modeling of Building Frame on Pile Groups Embedded in Sand	Proc. Int. Conf. on ICAET,	Ravi Kumar Reddy, C., Anjaneya Prasad M, Saikumar YVB, Narendra T, Naga Satyesh Y	--
15.	Evaluation of Chloride Diffusion Coefficient of Concrete	Proc. Int. Conf. on ICSEBE	Ravi Kumar Reddy, C., Anil Kumar M, Kiran B, Murali Manohar TVVS, Chandra Padmakar K.	--

**A.Y.:2014-15**

S.No.	Title of Paper	Name of the Conference	Authors	ISBN No.
1.	Use of Terrazyme as Soil Stabilizer	RACE-2K15, CMR Technical Campus	Dr. I. Srinivasa Reddy	978-81-929195-3-9

2.	Study of replacement of fine aggregate by fine glass pieces	UCE, Osmania Univ, Hyderabad, Telangana State, India,	Ravi Kumar Reddy, C., B. Kiran Kumar, TVVS Murali Manohar	978-1-4128-1031-9
3.	Effect of loss of contact on bending moment and contact pressure of a beam on elastic foundation	Proc. National Conf. RRACE, Nov 2014	Ravi Kumar Reddy, C., Ch. Hema Venkata Sekhar, I. Siva Rama Krishna	--
4.	Experimental investigation on the Performance of Concrete with GGBS as Admixture at Complete Replacement of Fine Aggregate with Steel Slag	Proc. National Conf. ACEID,	Ravi Kumar Reddy, C., Kishore Babu, D., Krishna, P.V.V.S.S., Sukesh, C.	--
5.	Effect of Soil Interaction on Design Parameters in A Multi-Storied Building	Proc. Int. Conf. on ACECIM, 2014, SRM Univ., Chennai, T.N	Ravi Kumar Reddy, C., Anusha. E and Nagalakshmi. M., Sivasankara Reddy, D.V.	--

**A.Y.:2013-14**

S.No.	Title of Paper	Name of the Conference	Authors	ISBN No.
1.	Effect of rigidity of plinth beam on Soil Interaction of Modeled Building Frame Supported on Pile Groups	Proc. Int. Conf. on Engineering applications, ICEA, 2013, SRCE, Tirunelveli, T.N,	Ravi Kumar Reddy, C., N. Sivaprasada Rao, and Gunneswara Rao, T. D	--

**A.Y.:2012-13**

<b>S.No.</b>	<b>Title of Paper</b>	<b>Name of the Conference</b>	<b>Authors</b>	<b>ISBN No.</b>
1.	Methods to develop rutting performance criteria for bituminous mixes in India	National Conference on Developments and Opportunities in Civil Engineering	Dr.I.Srinivasa Reddy	--
2.	Experimental investigation for determining the suitability of steel slag as fine aggregate in concrete	Proc. National Conf. NCORAGE, 2012, JNTUK, A.P	Ravi Kumar Reddy, C., Anusha, K.V.C., Bharadwaj, G.G., Michel Paul, K and Swathi, D.N.	--
3	Experimental investigation for determining the suitability of steel slag as fine aggregate in concrete	Proc. National Conf. NCORAGE, 2012, JNTUK, A.P.	Ravi Kumar Reddy, C., Kishore Babu, D., Krishna, P.V.V.S.S., Sukesh, C., “	--
4	Building Frame Supported on Pile Foundation: an Analytical Investigation	Proc. National Conf. AESG2E, 2012, CBIT, Hyderabad, A.P.	Ravi Kumar Reddy, C and Suresh Kumar, S.	--

**A.Y.:2011-12**

<b>S.No.</b>	<b>Title of Paper</b>	<b>Name of the Conference</b>	<b>Authors</b>	<b>ISBN No.</b>
1.	Vission for Sustainable Construction	National Conference on Providing Urban Type amenities in Rural Zones	Dr.I.Srinivasa Reddy	--
2.	Footings in Loss of Contact with the Soil: an Analytical Experiment	ICSEE, 2011, KSRCE, Tiruchengode, T.N	Ravi Kumar Reddy, C., Surendra Kumar. V.	--

**20. Areas of consultancy and income generated**

S.No.	Area of Consultancy	Income Generated (Rs.)
1.	Cement Concrete cube Testing	156168.00
2.	Steel bars Testing	4907.00
3.	Cement Concrete Mix Design	12800.00
4.	Soil Testing	9800.00
5.	Survey( Road & Drain)	6000.00

**21. Faculty as members in**

a) National committees b) International Committees

c) Editorial Boards

b) List of faculty with life time membership in Professional Bodies

S.No.	Name of the Staff	Designation	Membership
1.	Dr .I.Srinivasa Reddy	Professor &HOD	ISTE
2.	Dr.C.Ravi Kumar Reddy	Professor	ISTE,IEI,PSI
3.	Prof. K.Srinivas	Professor	FIE,ISTE & ASCE
4.	T.Blessingstone	Assoc. Professor	ISTE

c) List of faculty with life time membership in Editorial Boards

S.No.	Name of the Staff	Designation	Editor/Reviewer	Name of the Journal(s)
1.	Dr.I.Srinivasa Reddy	Professor &HOD	Editor	<ul style="list-style-type: none"> <li>International Journal of Transportation Engineering &amp; Traffic system</li> <li>International Journal of Geological &amp; Geotechnical Engineering</li> </ul>
2.	Dr.C.Ravi Kumar Reddy	Professor	Reviewer	<ul style="list-style-type: none"> <li>International Journal of Engineering Research and Technology</li> <li>International Journal of research in Engineering and Technology</li> </ul>



**22. Student projects****a) Percentage of students who have done in-house projects including inter****Departmental/programme:**

S.No.	Academic Year	percentage of students who have done In-house Projects(%)
1	2015-2016	100
2	2014-2015	100
3	2013-2014	100

**b) Percentage of students placed for projects in organizations out side the Institution**

i.e. in Research laboratories /Industry /other agencies: Nil

**23. Awards/ Recognitions received by faculty and students: a)****Awards /Recognitions received by Faculty :**

S.No.	Academic Year	Name of Faculty	Name of the Award	Awarded by
1	2015-16	Dr.I.Srinivasa Reddy	Best Researcher	KHIT
2	2015-16	Dr.I.Srinivasa Reddy	Appreciation for 100% Result	KHIT
3	2015-16	Mr.K.Venkatesh	Best Faculty	KHIT
4	2014-15	Mr.M.Satish Kumar	Best Faculty	KHIT
5	2014-15	Mr.M.Satish Kumar	Appreciation for 100% Result	KHIT
6	2014-15	Mr.K.Venkatesh	Appreciation for 100% Result	KHIT
7	2014-15	Ms. Sk. Jareena	Appreciation for 100% Result	KHIT
8	2013-14	Dr.I.Srinivasa Reddy	Best Faculty	KHIT
9	2012-13	Mr.T.Blessingstone	Best Faculty	KHIT
10	2011-12	Ms.S.L.P.Durga Devi	Best Faculty	KHIT

**b) Awards /Recognitions received by Students:**

A.Y.: 2015-16				
S.No.	Name of the student	Name of the event	Organized by	Name of Award
1	G.Sandhya	Paper Presentation	VIGNAN University	Participation
2	G.Sandhya	Paper	KKR & KITS	Participation

		Presentation		
3	G.Sandhya	Paper Presentation	KHIT	Participation
4	G.Sandhya	Paper Presentation	R.V.R & J.C	Participation
5	K.Durga Sindhu	Paper Presentation	VIGNAN University	Participation
6	K.Durga Sindhu	Paper Presentation	KKR & KITS	Participation
7	K.Durga Sindhu	Paper Presentation	KHIT	Participation
8	K.Durga Sindhu	Paper Presentation	R.V.R & J.C	Participation
9	G.J.V.Vijaya Lakshmi	Paper Presentation	KKR & KITS	Participation
10	G.J.V.Vijaya Lakshmi	Paper Presentation	KHIT	Participation
11	K.Sai Krishna Reddy	Paper Presentation	KHIT	Participation
12	K.Sai Krishna Reddy	Paper Presentation	LBRCE	Participation
13	K.Sai Krishna Reddy	Paper Presentation	R.V.R & J.C	Participation
14	K.Sai Krishna Reddy	Paper Presentation	MIC	Participation
15	K.Sai Krishna Reddy	Paper Presentation	GEC	Participation
16	D.Kamalakar	Paper Presentation	KHIT	Third Prize
17	A.Medhasri Mrunalini	Paper Presentation	KHIT	Third Prize
18	A.Medhasri Mrunalini	Paper Presentation	R.V.R & J.C	Participation

**A.Y.: 2014-15**

S.No.	Name of the student	Name of the event	Organized by	Name of Award
1	J.Sandeep Kumar	Poster Presentation	KHIT	First Prize
2	M.Satish Kumar	Technical Quiz	KHIT	First Prize
3	P.Ananda Rao	Technical Quiz	KHIT	First Prize
4	K.R.Rajasekhar Reddy	Technical Quiz	KHIT	First Prize
5	Ch.Satya Nandini	Paper	KHIT	Second Prize

		Presentation		
6	B.Manikanth Reddy	Paper Presentation	KHIT	Second Prize

**MERIT SCHOLORSHIPS:**

S.No.	Regd. No	Name Of The Student	%	Amount
1	128X1A0112	V.NAGENDRA BABU	80.20	10,000.00
2	138X5A0105	G.NAGARJUNA	78.67	10,000.00
3	138X5A0106	G.SANDHYA	77.93	10,000.00
4	128X1A0123	K.DURGA SINDHU SREE	76.33	10,000.00
5	128X1A0131	M.MANSOOR	75.60	10,000.00
6	148X5A0110	SK. KHADAR BASHA	83.30	10,000.00
7	138X1A0103	A.ROHIT	82.10	10,000.00
8	138X1A0152	T.BHAVYA BHARATHI	81.90	10,000.00
9	138X1A0117	I.SAI PRAVEEN	78.16	10,000.00
10	138X1A0105	B.RAVALI	77.71	10,000.00
11	148X5A0109	R.SAI KUMAR	77.40	10,000.00
12	138X1A0125	M.VENKATA PAVAN	76.83	10,000.00
13	138X1A0157	V.V.S.S.CHANDRA SEKHAR	76.57	10,000.00
14	138X1A0143	G.SHARMILA	75.17	10,000.00
15	138X1A0133	P.VYSHNAVI	75.05	10,000.00
16	148X5A0110	SK. KHADAR BASHA	83.30	10,000.00
17	138X1A0103	A.ROHIT	82.10	10,000.00
18	138X1A0152	T.BHAVYA BHARATHI	81.90	10,000.00
19	138X1A0117	I.SAI PRAVEEN	78.16	10,000.00
20	138X1A0105	B.RAVALI	77.71	10,000.00
21	148X5A0109	R.SAI KUMAR	77.40	10,000.00
22	148X1A0127	E.SRAVANI	82.06	10,000.00
23	148X1A0150	K.ASHA JYOTHI	81.64	10,000.00
24	148X1A0145	K.MANI	80.67	10,000.00
25	148X1A0132	G.LAKSHMIPATHI	79.09	10,000.00
26	148X1A0136	K.S.V.S.PUJITHA	78.73	10,000.00

27	148X1A0152	K.VIJAYA BHASKAR	78.00	10,000.00
28	148X1A0175	P.NAGUL MEERA	76.30	10,000.00
29	148X1A01B5	V.KRISHNA REDDY	76.12	10,000.00
30	148X1A0101	A.SAI SANJAY	75.03	10,000.00

#### 24. List of eminent academicians and scientists/visitors to the department

S.No.	Date of Visit	Name of the Visitor	Designation & Organization	Purpose of Visit
1	17/05/2016	Dr.K.ChandraMouli	Professor & HOD of Civil Engineering Department,NRIIT,Guntur	Guest Lecture
2	17/04/2016	Dr.K.Srinivasu	Professor & HOD in CIVIL, R.V.R & J.C, Chowdavaram,Guntur.	Guest Lecture
2	18/3/2016	Dr.M.Amaranadh Reddy	Professor in CIVIL, IIT KGP, Kharaghpur	Workshop
4	24/02/2016	Dr.K.ChandraMouli	Professor & HOD of Civil Engineering Department,NRIIT,Guntur	Guest Lecture
5	13/4/2015	Dr A.Srinivasa Prasad, Professor in CIVIL, R.V.R & J.C, Chowdavaram, Guntur	Professor in CIVIL, R.V.R & J.C, Chowdavaram, Guntur	Guest Lecture
6	27/04/2015	Dr.K.ChandraMouli	Professor & HOD of Civil Engineering Department,NRIIT,Guntur	Guest Lecture
7	15/09/2014	Dr.G.V.R.Prasada Raju	Registrar, JNTUK-Kakinada	Samkalp chief Guest
8	15/09/2014	Mr.M.Anji Reddy	Managing Director,Marvel Infra Builders Pvt, Ltd.,	Guest Lecture
9	22/07/2014	Dr.K.V.S.G.Murali Krishna	Professor of Civil Engineering Department , JNTUK-Kakinada	Guest Lecture
10	5/5/2014	Dr.V.Srinivasulu	Professor of Civil Engineering Department , JNTUK-Kakinada	Guest Lecture
11	17/04/2014	Dr.K.Srinivasu	Professor & HOD in CIVIL, R.V.R & J.C, Chowdavaram,Guntur.	Guest Lecture
12	15/3/2014	Dr.M.Murali	Professor & HOD of Civil Engineering Department, VIGNAN University	Project Expo Judge
13	15/03/2014	Dr. M.Ramarao	Professor in CIVIL, R.V.R	Guest Lecture

			& J.C, Chowdavaram,Guntur	
14	4/1/2014	Dr.K.Srinivasu	Professor & HOD in CIVIL, R.V.R & J.C, Chowdavaram,Guntur	Guest Lecture
15	02/01/2014	Ms. Saradha V	Varma, Krushi Infrasa India Pvt, Ltd., Hyderabad	Guest Lecture
16	3/8/2013	Dr.A.Siva Sankar	Professor in CIVIL,RPAC Chairman, K.L.University, Vaddeaswaram, Vijayawada.	Guest Lecture
17	12/10/2012	Dr A.Srinivasa Prasad	Professor in CIVIL, R.V.R & J.C, Chowdavaram, Guntur	Guest Lecture

## 25. Seminars/ Conferences/ Workshops organized & the source of funding:

### a) National:

S. No.	Seminar/Conference/ Workshop	Date(s)	Resource Person	Source of Funding
1	A Guest Lecture on Design & Drawing of siphon Aqueduct Type-III	16/01/2016	Dr.A.Srinivasa Prasad Professor in CIVIL R.V.R& J.C Chowdavaram Guntur	KHIT
2.	A Workshop on RS&GIS Applications in Civil Engineering	17/03/2016	Dr. A.Siva Sankar Professor in Civil, Chairman of RPAC K.L.University	KHIT
3.	A Workshop on Computer Applications in Structural Engineering	18/03/2016	Dr. K.Srinivasa Rao Professor & HOD in CIVIL R.V.R& J.C Chowdavaram Guntur	KHIT
4.	A Guest Lecture on Career opportunities for Civil Engineering Graduates	19/03/2016	Dr.M.Amaranadha Reddy Professor in Civil IITKGP, Khargpur	KHIT
5.	A Guest Lecture on STAAD-V8i Software incorporation in design & detailing of R.C.C Structure	25/04/2015	Mr. K.Sridhar CAAD Centre Guntur	KHIT
6.	A Guest Lecture on EIA on Polavaram Project	17 & 18/09/ 2014	Dr. A.Siva Sankar Professor in Civil, Chairman of RPAC K.L.University	KHIT

7.	A Guest Lecture on Sub Structure Design	8/9/2014	Dr.Ravi Kumar Reddy Professor & HOD,K.L.University, Vaddeswaram	KHIT
8.	A Guest Lecture on on Memory Tricks	31/10/2013	Dr.M.Rama Rao Professor in Civil, R.V.R&J.C Chowdavaram	KHIT
9.	A Guest Lecture on Matrix Analysis of Redundant Frames	29-11-2013	Dr. K.Srinivasa Rao Professor & HOD in CIVIL R.V.R& J.C Chowdavaram	KHIT
10.	A Guest Lecture on Hrdrograph Theory	30/11/2013	Dr.M.Rama Mohan Rao	KHIT
11.	A Guest Lecture on Design of flexible & rigid pavements	1/12/2013	Dr.T.Murali Krishna Diector Vel-Tech University	KHIT
12.	A Guest Lecture on Siesmic Analysis using STAAD PRO V8i	19/01/2013	Mr.N.Gopi AEE, I& CAD, Rajahmundry	KHIT
13.	A Guest Lecture on Outline on Nagarjuna sagar Right Canal	24/12/2012	Dr.A.Srinivasa Prasad Professor in CIVIL R.V.R& J.C Chowdavaram	KHIT

**b) International: NIL**

**26. Student profile programme/course wise**

Name of the Course/ Programme	Batch	Enrolled		Pass Percentage
		Male	Female	
B. Tech	2012-16	58	4	67.80
	2011-15	41	6	70.45
	2010-14	44	8	66.67

**27) Diversity of Students:**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG- B.Tech	100	-	-
PG-M.Tech	100	-	-

28) How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

S.No.	Academic Year	Name of the Competitive Exam	No of Students Cleared
1.	2013-14	GATE/PGECET	2
		GRE,TOFEL,IELTS	-
2.	2014-15	GATE/PGECET	05
		GRE,TOFEL,IELTS	-
3.	2015-16	GATE/PGECET	02
		GRE,TOFEL,IELTS	-

29) Student progression:

Student Progression	Against % Enrolled
UG to PG	30%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
<b>Employed</b>	
Campus selection	56%
Other than campus recruitment	9.5%
Entrepreneurship/Self-employment	2%

30) Details of Infrastructural facilities

a) **Library:**

Department Library contains volumes related to the curriculum and they are made available to UG, PG students and Faculty

**Plinth Area:15 Sq.Mts**

Department	Civil Engineering
No of Titles	100
No of volumes	500
CD Volumes	45

b) **Internet facilities for staff and students:**

Wi-Fi enabled in the campus. Internet speed of 20 Mbps BSNL broad band leased line is and 4 Mbps VINA VI broad band are available.

c) **Total number of class rooms :**08 Class rooms

d) **Class rooms with ICT facility:** 01 Class room

e) **Laboratories:**

**No.of Laboratories : 11**

S.No.	Lab Name	Total Cost of Equipment ( in Lakhs)
1	Surveying Lab	7,02,962.00
2	Engineering Geology Lab	62,996.00
3	Concrete Technology Lab	6,94,146.00
4	Transportation Engineering Lab	4,40,396.00
5	Environmental Engineering Lab	4,37,160.00
6	Geotechnical Engineering Lab	10,49,482.00
7	GIS & CAD Lab	4,70,000.00
8	Strength of Materials Lab	6,51,950.00
9	Fluid Mechanics Lab	7,45,755.00
10	Advanced Structural Engineering Lab	4,50,690.00
11	Research Lab	2,50,000.00

**31. Number of students receiving financial assistance from college, university, Government or other agencies**

**UG-B.Tech:**

Agency	No. of students received financial assistance					
	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11
College	--	6	6	21	21	--
University	--	--	--	--	--	--
Government (Govt. Under Fees reimbursement)	274	217	160	113	71	38
Other agencies	--	--	--	--	--	--



**PG-M.Tech:**

Agency	No. of Students Recieved Financial Assistance	
	2015-16	2014-15
College	--	--
University	--	--
Government (Govt. Under Fees reimbursement)	19	10
Other agencies	--	--

**32. Details on student enrichment programmes (special lectures /workshops/Seminar) with external experts:**

Academic Year	Name of the Topic	Organized by	Objective
2014-15	Bharateeya Samskurthi	KHIT	Students are made to know about Indian culture
	Yoga Retreat	KHIT	Sound mind and health by yoga
2013-14	Awareness of Globalization	KHIT	Importance of globalization
	Entrepreneur shipOrientation Programme	National Small Industries Corporation Ltd.	Develop creativity in students
2012-13	Soft skills by JKC	JKC	Develop communication skills
	Awareness program on Civil	KHIT	Information on civil services
2011-12	Art of Living	KHIT	Develop positive attitude

**33. Teaching methods adopted to improve student learning Imparting Outcome based education to students:**

- Encouraging to participate in group discussions, technical quizzes, literary, sports and games activities to develop analytical And problem solving abilities in them and thereby, to prepare them for Presenting technical papers at seminars and paper contests organized by this or outside the college.

- Motivating to access latest online journals, reference materials and help them to understand the emerging trends in their field of Civil Engineering.
- Training to use audio visual aids like power point, charts, models etc for effective presentation
- Grievances and redressal mechanism on Teaching – Learning process.
- Pre-placement training programs to students by external & internal experts to prepare the students.
- Participation in Institutional Social Responsibility (ISR) and Extension activities

### 34. Participation in Institutional Social Responsibility(ISR)and Extension

#### Activities Instructing social service attitude by conducting NSS camps

S.No	Date	Activities	Place
1	23/1/2016	Road safety-Time for Action	KHIT
2	5/12/2015	SWACHH BHARAT	KHIT
3	1/11/2015	BLOOD DONATION	KHIT
4	31/10/2015	Blood donation Camp	KHIT
5	20/10/2015	Tree plantation by NSS Students	
6	2/11/2014	Blood donation Camp	KHIT
7	11/5/2014	DONATION FOR HUDHUD VICTIMS	KHIT
8	21/03/2014	General Election Services of NSS Volenteers	Chief Secretary to Govt.,AP,Hyderabad
9	6/12/2013	Multi-Cultural-Festival	The Director of Youth Services,AP,Hyderabad.
10	20/02/2013	Blood donation Camp	NTR Memorial Trust Blood Bank, Kothapet,Guntur.

### 35. SWOC analysis of the department and Future Plans

#### Strengths

- Passionate , young and enthusiastic faculty
- Well established state of the art laboratories
- Constant interaction with eminent academicians from reputed organizations

- Preferred branch among all other available engineering streams by students for good career pursuits
- Excellent track record in students' placements.
- Good infrastructural facilities

**Weakness:**

- Lack of autonomy in changing the curriculum as per industry needs
- R&D and Consultancy associated activities.
- Funded projects

**Opportunities:**

- Fast pace of Technology growth.
- Students will have lot of job opportunities in all the engineering streams as the new capital is declared, which is very near to the location of the college,

**Challenges:**

- Majority students are from rural background with poor communication skills
- Meeting the rapid changes in industry requirements
- Strengthening student oriented research activities in UG level aiming to establish Best Research Department Aiming at University Ranks and distinctions Improve the performance of students from rural areas.
- Providing Placements in government organizations & reputed MNCs

## Evaluative Report

### Department of Electrical & Electronics Engineering

1. Name of the department: Electrical & Electronics Engineering
2. Year of Establishment: 2010
3. Names of Programmes / Courses offered :

S.No.	Name of the Programme (s) Offered	Intake
1	UG: B.Tech - Electrical & Electronics Engineering	60

4. Names of Inter disciplinary courses and the departments/units involved:

S.No	Course	Department
1	Thermal and Hydro Prime movers	ME
2	Thermal and Hydro Lab	
3	Switching Theory and Logic Design	ECE
4	Pulse & Digital Circuits	
5	Linear & Digital IC Applications	
6	Microprocessors & Microcontrollers	
7	Basic Electronics And Devices	
8	Electronic Devices & Circuits Lab	
9	Microprocessors & Microcontrollers Lab	
10	Managerial Economics and Financial Analysis	S&H
11	Management Science	
12	Complex Variables and Statistical Methods	
13	Environmental studies	
14	IPR & Patents	
15	UNIX and Shell Programming	CSE
16	Computer Organization	

5. Annual/ semester/choice based credit system (programme wise) :

B.Tech (Electrical and Electronics Engineering) - Semester based Credit System.

**6. Participation of the department in the courses offered by other departments :**

S.No	Course	Courses Offered to Departments
1	Basic Electrical & Electronics Engineering	CE, ME
2	Electrical Technology	ECE
3	Control Systems	
4	Network Analysis	
5	Networks & Electrical Technology Lab	
6	Basic Electrical & Electronics Engineering Lab	ME

**7. Courses in collaboration with other universities, industries, foreign institutions, etc. : NIL****8. Details of courses / programmes discontinued (if any) with reasons: NIL****9. Number of Teaching posts :**

Designation	Sanctioned	Filled
Professors	2	2
Associate Professors	4	6
Asst. Professors	6	4

**10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

S.No	Name of the Staff	Qualification	Designation	Specialization	Experience (Years)
1	DR. L. SHANMUKHA RAO	Ph.D.	PROFESSOR	POWER SYSTEMS	15
2	Prof. K.V.GOPALA CHARY	M.E.	PROFESSOR	CONTROL SYSTEMS	30

3	R. SUBBA REDDY	M.TECH.	ASSOC.PROF	POWER SYSTEMS	13
4	K.HARI KRISHNA	M.TECH., (Ph.D.)	ASSOC.PROF	POWER SYSTEMS	12
5	M.V.N. MURTHY	M.TECH	ASSOC.PROF	ELECTRICAL POWER SYSTEMS	7
6	P. P. SHARMA	M.TECH., (Ph.D.)	ASSOC.PROF	HIGH VOLTAGE	7
7	M.SREERAMULU NAIK	M.TECH	ASSOC.PROF	POWER ELECTRONICS &ELECTRIC DRIVES	7
8	K.NAGARAJU	M.TECH	ASSOC.PROF	INSTRUMENTATION & CONTROL SYSTEM	5
9	N.SRIKANTH	M.TECH	ASST.PROF	POWER ELECTRONICS	4
10	V.SUREKHA	M.TECH	ASST.PROF	POWER ELECTRONICS & DRIVES	4
11	K.V.NAGARAJU	M.TECH	ASST.PROF	POWER SYSTEMS	3
12	P.JYOTHI	M.TECH	ASST.PROF	POWER SYSTEMS	6

**11. List of senior visiting faculty- NIL**

**12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : NIL**

**13. Student -Teacher Ratio (program wise)**

- UG: B.Tech in Electronics & Electronics Engineering - 15: 1

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :**

S.No	Staff designation	Sanctioned	Filled
1	Academic support staff (Technical)	4	4
2	Administrative staff	2	2

**15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.**

S.No	Qualification	Faculty Numbers
1	Ph.D.	1
2	M.Tech.	11

**16. Number of faculty with ongoing projects from funding agencies and grants received:**

a) **National:** NIL

b) **International:** NIL

**17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL**

**18. Research Centre /facility recognized by the University: NIL**

**19. Publications:**

a) Publication per faculty (last four years):

**National/International Journals**

**A.Y.: 2015-16**

S.No.	Title of Paper	Name of the Journal	Authors	Vol/ Issue / PP	ISSN No.
1	AGC In Multi Area Multi Source Deregulated Power Systems With Ac & Dc Tie	IJAREEIE	K. Hari Krishna Dr. K. Chandra Sekhar	Volume 4 Issue 5	2320 - 3765

2	Optimal Control Of Thermal Hydro Gas Agc In Deregulated Power Systems With Ces	IJAER	K. Hari Krishna Dr. K. Chandra Sekhar	Volume 10 Issue 6	0973 - 4562
3	A novel technique for reducing The fault current and over voltage in electrical power distributed system and enhancing the security through an active type SFCL	IJEEER	Mr. Prabhakara Sharma. P	Volume 4 Issue 5	2250-155X
4	Robust Utkin's Observer Based Controller for Deregulated Hydro-Thermal LFC Problem	International Journal Of Engineering And Computer Science	L.ShanmukhaRao, N.V.Ramana	Volume 4 ,Issue 8 PP : 14069- 14075	2319-7242
5	A Novel Technique For Reducing The Fault Current And Over Voltage In Electrical Power Distributed System And Enhancing The Security Through An Active Type SFCL	IJEEER	P.P. Sharma V. Surekha M V N Murthy	Volume 6 ,Issue 2 2250- 155X	2278-943X



## A.Y.: 2014-15

S.No.	Title of Paper	Name of the Journal	Authors	Vol./ Issue / PP	ISSN No.
1	Modelling Analysis Of Agc In Multi Source Deregulated Power Systems	IJEET	K. Hari Krishna Dr. K. Chandra Sekhar	Volume 5 Issue 7	0976 - 6545
2	Comparison of Various multi Level Inverter Configurations for Seven Levels	IJEER	Mr. Prabhakara Sharma. P	Volume 4 Issue 5	2250-155X
3	A High Voltage Gain DC-DC Converter for Induction Motor Drive Application	IJPSOEM	Mr. Prabhakara Sharma. P	Volume 4 Issue 3	2231-4407
4	Analyses of 11, 13 and 15 Level Multilevel Converter for Grid Connect PV Application	IJEEE	Mr. Prabhakara Sharma. P	Volume 4 Issue 3	1694-2310
5	A Higher Voltage Levels Hybrid Cascaded H Bridge Multilevel Inverter for Solar Application	IJPSOEM	Mr. Prabhakara Sharma. P	Volume 4 Issue 3	2231-4407
6	A New PWM	IJEEE	Mr. Prabhakara	Volume 4	1694-2310

	for Cascaded Multilevel Inveter with Various Voltage Level for Drive Application		Sharma. P	Issue 3	
7	A Diode Clamped Multilevel Conveter for Induction Motor Drive	IJESR	Mr. Prabhakara Sharma. P	Volume 4 Issue 7	2277-2685
8	Improvement of Power Factor Using Fuzzy Logic Controller Based PFC Boost Converter	IJETTSE	Mr. Prabhakara Sharma. P	Volume 2 Issue 3	2348-8379
9	Cascaded H-Bridge Based Multilevel AC/DC/AC Single phase to Three phase Conveter for Induction Motor Application	IJETTSE	Mr. Prabhakara Sharma. P	Volume 2 Issue 3	2348-8379
10	A Wind Energy Power conversion by Utilizing STATCOM for Power Quality Problem	IJATES	Sudha Sainath,K.V.Gopalachari	Volume 2	2348-7550
11	A BESS based DVR for neutral current Elimination in Disribution systems	IJEEE	P.Nagalakshmi,K.V. Gopalachari	Vol.no.7 Issue 01	2321-2055

12	A Novel single phase Five level Inverter with coupled Inductors	IJEEE	Ch.V.S.Ramanjaneyulu,K.V.Gopalachari	Vol.no.7 Issue 01	2321-2055
13	An Intelligent Hybrid Electric Vehicle control with Battery and Ultra Capacitor system	IJEEE	V.Jitendra Madhav, K.V.Gopalachari	Vol.no 7 Issueno.1	2321-2055(E)

**A.Y.: 2013-14**

S.No.	Title of Paper	Name of the Journal	Authors	Vol/ Issue / PP	ISSN No.
1	Design of Robust Controller for Load Frequency Control in Deregulated Hydro-Thermal System using Sliding Mode Controlled strategies,	IREMOS	L.ShanmukhaRao, N.V.Ramana	Vol .6.N.3,20 13,pp 893-902.	1974-983X.
2	Optimal Load Frequency Control in Two area Deregulated system with Co-Ordinated	IREACO	L.ShanmukhaRao, N.V.Ramana	Vol .6.N.4, July2013. pp 472- 480	1974-6059

	Control of SMC-TCPS,				
--	-------------------------	--	--	--	--

**A.Y.: 2012-13**

<b>S.No.</b>	<b>Title of Paper</b>	<b>Name of the Journal</b>	<b>Authors</b>	<b>Vol./ Issue / PP</b>	<b>ISSN No.</b>
1	A Modified Model For Agc In Deregulated Power Systems	IJSER	K. Hari Krishna Dr. K. Chandra Sekhar	Volume 3 Issue 11	2229 - 5518
2	Improvement of Dynamic Performance of three area Hydro-Thermal system interconnected with AC-tie line parallel with HVDC link in deregulated environment,	IJAET	L.ShanmukhaRao, N.V.Ramana	Volume-4, Issue-1 , July-2012 issue, pp 183-191	2231-1963

**A.Y.: 2011-12**

<b>S.No.</b>	<b>Title of Paper</b>	<b>Name of the Journal</b>	<b>Authors</b>	<b>Vol./ Issue / PP</b>	<b>ISSN No.</b>
1	“Recent Philosophies of AGC of a	IJAET	L.ShanmukhaRao, N.V.Ramana	Volume-2, Issue-1 , Jan-2012	2231-1963

	Hydro-Thermal system in deregulated environment”			issue,pp 282-288	
--	--	--	--	---------------------	--

**National/International Conferences**

**A.Y.: 2013-14**

S.No.	Title of Paper	Name of the Conference	Authors	ISBN No.
1	Load Frequency Control in Multi Area Hydro-Thermal Deregulated System Using Sliding Mode Optimal Controller	International Conference on Control, Computing, Communication and Materials (ICCCCM), 3-4 August 2013	L.ShanmukhaRao, N.V.Ramana	978-1-4673-4948-2
2	Load Frequency Control in Multi Area Hydro-Thermal Deregulated System Using Sliding Mode Observer	International Conference on Control, Computing, Communication and Materials (ICCCCM), 3-4 August 2013	L.ShanmukhaRao, N.V.Ramana	978-1-4673-4948-2

**A.Y.: 2012-13**

S.No.	Title of Paper	Name of the Conference	Authors	ISBN No.
1	A Simplified Model For LFC In Deregulated Power Systems	PEDES, IEEE	K. Hari Krishna Dr. K. Chandra Sekhar	978 - 1 - 4673 - 4508 - 8
2	Design of Reduced Order Observer Based Optimal Controller for	IEEE- International Conference on Research and Development	L.ShanmukhaRao, N.V.Ramana	978-1-4673-4948-2

	Deregulated Hydro-Thermal System, pp 219-224	Prospects on Engineering and Technology (ICRDPET 2013), March 29 & 30, 2013 Vol. 2		
--	--	--	--	--

**A.Y.: 2011-12**

S.No.	Title of Paper	Name of the Conference	Authors	ISBN No.
1	LFC Scheme for Multi Area Deregulated Power System Connected with HVDC Link pp 1-6	IEEE- International Conference on Power Electronics, Drives and Energy Systems (PEDES) 2012, 16-19 December 2012	L.ShanmukhaRao, N.V.Ramana	978 - 1 - 4673 - 4508 - 8

**20. Areas of consultancy and income generated :**

S.No	Area of Consultancy	Income generated in Rs.
1	Electrical Cable Laying	78,500
2	Electrical Load Calculation	45,000

**21. Faculty as members in**

a) National committees b) International Committees c) Editorial Boards.....:

**List of faculty with life time membership in Professional Societies**

S.No	Name of the Staff	Designation	Membership
1.	Prof. R. Subbareddy	Assoc.Prof & HOD	ISTE
2.	Dr. L. Shanmukha Rao	Professor	ISTE & IE(I)

3.	K. V. Gopala Chari	Professor	ISTE
4.	K. Hari Krishna	Assoc.Professor	ISTE
5.	P. Prabhakar Sharma	Assoc.Professor	ISTE
6.	M. V. N. Murthy	Assoc.Professor	ISTE
7.	K. Nagaraju	Assoc.Professor	ISTE
8.	K. V. Nagaraju	Asst.Professor	ISTE

## 22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: 100%

S.No	Academic Year	% of In-house Projects
1	2013-2014	100
2	2014-2015	100
3	2015-2016	100

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NIL

## 23. Awards / Recognitions received by faculty and students:

- a) Awards /Recognitions received by Faculty:

S.No	Academic Year	Name of Faculty	Name of the Award
1	2015-16	Mr. P. P. Sharma	Best Publication
2	2015-16	Mr. K. Nagaraju	Best Faculty
3	2015-16	Mr. P. P. Sharma	Best Pass Percentage Winner
4	2014-15	Mr. K. Hari Krishna	Best Faculty
5	2014-15	Mr. K. Hari Krishna	Best Pass Percentage Winner
6	2014-15	M. Koteswara rao	Best Pass Percentage Winner
7	2014-15	Mr. P. P. Sharma	Best Pass Percentage Winner
8	2013-14	Mr. P. P. Sharma	Best Faculty
9	2012-13	Mr. M. V. N. Murthy	Best Faculty

10	2011-12	Mr. R. Subba Reddy	Best Faculty
----	---------	--------------------	--------------

**b) Awards /Recognitions received by Students:**

A.Y.: 2015-16				
S.No.	Name of the student	Name of the event	Organized by	Name of the Award
1	Somnadh Swami	Humanoid Robot	IIT, Delhi	22 <sup>nd</sup> Prize
2	Venkata Sai Srinivas	Paper Presentation	SSN EC	1 <sup>st</sup> Prize
3	A. Vikas	Paper Presentation	NEC	2 <sup>nd</sup> Prize
4	Sunil Kumar Ram	Multicultural Youth Festival	Govt. of A.P.	2 <sup>nd</sup> Prize
5	Venkata Sai Srinivas	Paper Presentation	VVIT	1 <sup>st</sup> Prize
6	SK. Meeravali Shaaik	Poster Presentation	MVR CET	1 <sup>st</sup> Prize
7	J. Sai Mahalakshmi	Poster Presentation	BVSR EC	1 <sup>st</sup> Prize
8	T. Lakshmi Sowjanya	Poster Presentation	BVSR EC	1 <sup>st</sup> Prize
9	SK. Meeravali Shaaik	Poster Presentation	RVR & JC CE	3 <sup>rd</sup> Prize
10	Y. V. Sai Srinivas	Quiz	NRIT	2 <sup>nd</sup> Prize

A.Y.: 2014-15

S.No.	Name of the student	Name of the event	Organized by	Name of the Award
1	CH.Ganesh	Mimicry	KITS	2 <sup>ND</sup>
2	K. Tirupathi Reddy	Paper Presentation	K L Univ.	Participated
3	CH.Ganeshewar Kumar	Paper Presentation	KITS E C., Guntur	Participated
4	M. Bharathi	Paper Presentation	RVR&JC CE, Guntur	Participated
5	SK. Nageena Begam	Paper Presentation	RVR&JC CE, Guntur	Participated



A.Y.: 2013-14				
S.No.	Name of the student	Name of the event	Organized by	Name of Award
1	CH.Ganesh	Mimicry	CIET	1 <sup>ST</sup> Prize
2	V. Koti Reddy	Paper Presentation	M.L.E.C., Guntur	Participated
3	CH.Ganeshewar Kumar Yadav	Paper Presentation	EVM E C., Guntur	Participated
4	M. Bharathi	Paper Presentation	KHIT, Guntur	Participated
5	Y..Ganesh	Paper Presentation	GVR&S E C., Guntur	Participated

A.Y.: 2012-13				
S.No.	Name of the student	Name of the event	Organized by	Name of Award
1	V. Koti reddy	APP JNANA 12	JIGNASA	Participated
2	CH.Ganesh	Mimicry	VVIT	3 <sup>RD</sup>
3	CH.Ganesh	Mimicry	EVMCE&T	2 <sup>ND</sup>

**24. List of eminent academicians and scientists / visitors to the department:**

<b>S.No.</b>	<b>Date of Visit</b>	<b>Name of the Visitor</b>	<b>Designation &amp; Organization</b>	<b>Purpose of Visit</b>
1	04-02-16	Prof. D. Sleva Reddy	Professor, LITAM, Sattenapalli.	Laying of Cables
2	21-12-15	Mr. K. Koti Reddy	MD, Anil Power Systems and controls	Supplying of Control Panels
3	15-09-15	Dr. K. Swarna Sri	Professor, RVR & JC CE, Chowdavaram	Judge, SAMKALP- 15
4	15-09-14	Dr. K. Chandrasekhar	Professor, RVR & JC CE, Chowdavaram	Judge, SAMKALP- 14
5	13-02-2014	Mr.D RamaKrishna	MD, Efftronics systems Pvt.Ltd.	Event of attending annual Day in KHIT & Opening power plant dummy model
6	3-03-2013	Dr.G. Tulasi Ram Das	VC of JNTUK	Event of Opening the Block in the college
7	3-03-2013	Mr.VLN Rao	General Manager, BSNL Guntur	Event of Opening the Block in the college

**25. Seminars / Conferences / Workshops organized & the source of funding :****a) National:**

S. No	Seminar/Conference/ Workshop	Date(s)	Resource Person	Source of Funding
1	Workshop on Industrial Automation using PLC & SCADA	17 <sup>th</sup> & 18 <sup>th</sup> Mar-16	Mr.VenkaTeswarlu, Prolific Automation Pvt.Ltd.	KHIT
2	A Seminar on SCADA.	04-02-16	Prof. D. Sleva Reddy	KHIT
3	A 2-Day Workshop on MATLAB & Its Applications	30-09-15	Dr.K.V.Ramprasad, Mr.Padyala. Ravi	KHIT
4	A Seminar on Recent Trends in Power Electronics and Drives	12-9-15	Dr. K. Haranadha Reddy	KHIT
5	A Seminar on SCADA and its applications	23-7-15	Prof. D. Sleva Reddy	KHIT
6	A Seminar on Human Values	10-8-15	Dr.E. Srinivasa Reddy	KHIT
7	Two day workshop on Introduction & Applications of Lab VIEW Software for Electrical Engineering	17 <sup>th</sup> & 18 <sup>th</sup> Mar-15	Mr.P.Suresh(Trident Tech. Lab.)	KHIT
8	A Seminar on Power System Control and Optimization	04-02-15	Dr. K. Chandrasekhar	KHIT
9	A Two Day workshop on Introduction and application of Microcontrollers to electrical systems	30-09-14	Dr.Md.Rahman	KHIT
10	A Seminar on Recent Trends in Power Electronics and Drives	12-9-14	Dr. K. Haranadha Reddy	KHIT
11	Work Shop on MATLAB & Simulink for Engineering Education	17 <sup>th</sup> & 18 <sup>th</sup> Mar-14	Dr. K. Haranadha Reddy	KHIT
12	A Seminar on WIRELESS SENSOR NETWORKS	04-02-13	Prof.Ch Subramanyam CVRCE, Hyd	KHIT
13	Guest lecture on Simulation of MATLAB	30-09-13	Dr. K. Haranadha Reddy	KHIT
14	Workshop on Industrial Automation using PLC & SCADA	12 <sup>th</sup> & 13 <sup>th</sup> Aug-13	Mr.VenkaTeswarlu, Prolific Automation Pvt.Ltd.	KHIT
15	A Seminar on Solar Power Generation	14-3-12	Mr.L.Shanmukha Rao	KHIT
16	A Seminar on FACTS and Smart Grid	05-7-11	Prof. D. Sleva Reddy	KHIT
17	A Seminar on Renewable Energy Sources	25-9-11	Mr. L.Shanmukha Rao	KHIT

b) International : NIL

**26. Student profile programme / Course wise:**

Name of the Course/ Programme	Academic Year	Applications received	Enrolled			Pass percentage
			Selected	Male	Female	
B. Tech	2012-16	*	38	23	4	74.07%
	2011-15	*	21	12	2	64.28%
	2010-14	*	44	27	3	56.60%

\*Admissions are through EAMCET/E-CET counseling of AP State Govt.

**27. Diversity of Students:**

Name of the Course	Academic Year	% of students from the same state	% of students from the other state	% of students from abroad
II B.Tech	2015-16	100	--	--
III B.Tech	2015-16	100	--	--
IV B.Tech	2015-16	88.3	11.7	--

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?**

S.No.	Academic Year	Name of the Competitive Exam	No of Students Cleared
1.	2015-16	GATE/PGECET	6
		GRE,TOFEL,IELTS	5
2.	2014-15	GATE/PGECET	4
		GRE,TOFEL,IELTS	5
3.	2013-14	GRE	2

## 29. Student progression

Student progression	Against % enrolled
UG to PG	18
PG to M.Phil.	-----
PG to Ph.D.	-----
Ph.D. to Post-Doctoral	-----
<b>Employed</b>	
• Campus selection	41.3
• Other than campus recruitment	14
• Entrepreneurship/Self-employment	06

## 30. Details of Infrastructural facilities

a) **Library:** The department has an exclusive library that contains around 90 books and syllabus book copies, lecture plan, NPTEL DVDs and tutorial books along with laboratory manual copies for the staff and students usage.

b) **Internet facilities for Staff & Students:**

- Wi-Fi enabled in the campus. Internet speed of 20 Mbps BSNL broad band leased line and 4 MBPS VINA VI broad band are available

c) **Classrooms with ICT Facility:**

The department is having adequate number of classrooms to conduct teaching learning process effectively with proper ventilation and ambience. There are total 05 classrooms exclusively for EEE department to conduct B.Tech classes.

- The department has 05 class rooms to accommodate the minimum of 72 students in each room. The size of the each room is Minimum 90 sq.m.
- The department has a seminar hall which can accommodate 250 students and is equipped with a PC, internet connection, LCD and white board.

S.No	Usage	Shared/ Exclusiv	Capacity (in sq.m.)
1	Class Room for II EEE(2T01)	Exclusive	90
2	Class Room for III EEE	Exclusive	90
3	Class Room for IV EEE	Exclusive	90
4	Tutorial Room	Exclusive	90

- All the classrooms are equipped with teaching aids like glass boards, students seating benches, fans, tube lights, podium for faculty.
- LCD Projectors are used in class rooms to deliver electronic class notes and to perform demos and Seminar presentations.
- The seminar hall is equipped with a multi-media projector and a Green Board.

d) **Laboratories:** The department is provided with well established lab for all subjects and it is planned to extend in view of research and development

No. of Laboratories:

S.No.	Lab Name	Total Cost of Equipment ( in Lakhs)
1	Electrical Machines - I Lab	22.00
2	Electrical Machines - II Lab	
3	Electrical Circuits Lab	2.30
4	Electrical Measurements Lab	1.50
5	Control Systems Lab	3.00
6	Power Electronics Lab	3.50
7	Power Systems Lab	6.45
8	Electrical Simulation Lab	

**31. Number of students receiving financial assistance from college, university, government or other agencies:**

Agency	No. of students received financial assistance					
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
College	--	3	6	11	18	20
University	--	--	--	--	--	--
Government (Govt. Under Fees reimbursement)	36	41	53	99	122	165
Other agencies	--	--	--	--	--	--

**32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :**

S. No	Date	Name of the Topic	Organized by	Objective
1	2014-15	Bharateeya Samskurthi	KHIT	Students are made to know about Indian culture
		Yoga Retreat	KHIT	Sound mind and health by yoga
2	2013-14	Awareness of Globalization	KHIT	Importance of globalization
		Entrepreneurship Orientation Programme	National Small Industries Corporation	Develop creativity in students
3	2012-13	Soft skills by JKC	JKC	Develop communication
		Awareness program on Civil Services	KHIT	Information on civil services
4	2011-12	Art of Living	KHIT	Develop positive attitude

**33. Teaching methods adopted to improve student learning**

1. LCD Projector.
2. Chalk & Talk.
3. Motivating to access latest online journals, reference materials and help them to understand the emerging trends in the field of Electrical & Electronics Engineering
4. Student Seminars.
5. Assignments.
6. Handouts.

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities**

S.No.	Date	Activity/Event	Conducted By	Venue
1	11/05/2014	Donation for Hudhud Victims	KHIT	KHIT
2	14/10/2014	Swatch Bharat	KHIT	KHIT
3	15/10/2014	Medical Camp	KHIT	KHIT
4	01/11/2014	Blood donation for Red Cross	KHIT	KHIT

		Society		
5	10/03/2015	Swatch Bharat	KHIT	DASARAPALEM
6	20/10/2015	Tree plantation	KHIT	KHIT
7	01/11/2015	Blood donation for NEEDS	KHIT	KHIT
8	01/11/2015	Blood donation for GGH	KHIT	KHIT
9	23/01/2016	Road Safety time for action	KHIT	KHIT
10	16 <sup>th</sup> to 18 <sup>th</sup> June 2016	Yoga Sibiram	KHIT	KHIT
11	21/06/2016	International Yoga Day	KHIT	KHIT
12	16/07/16	Inkudu Guntalu	KHIT	KHIT
13	29/07/2016	Vanam Manam Program	KHIT	KHIT
14	12 <sup>th</sup> to 23 <sup>rd</sup> Aug 2016	Volunteers for KRISHNA PUSHKARALU	KHIT	Guntur Bus stand and Vijayawada

### 35. SWOC analysis of the department and Future Plans

#### STRENGTHS:

- Well experienced , Qualified, Dedicated & Committed Faculty
- Good placement Record
- Consistencies in higher pass percentage.
- Constant interaction with eminent academicians from reputed organizations

#### WEAKNESSES:

- Lack of autonomy in changing the curriculum as per industry needs
- Funded projects
- R&D and Consultancy associated activities.

#### OPPORTUNITIES:

- More job opportunities in Government & Private Sectors as the state is formed recently
- Projects and Grants from UGC, TEQIP Etc.

#### CHALLENGES:

- Majority students are from rural background with poor communication skills
- Intense competition from other colleges and private universities
- To improve R&D activities
- Faculty retention
- Providing Placements in government organizations & reputed MNCs
- Meeting the rapid changes in industry requirements



## Evaluative Report

### Department of Mechanical Engineering

1. **Name of the department:** Mechanical Engineering

2. **Year of Establishment:** 2010

3. **Names of Programmes / Courses offered:**

S.No.	Name of Programmes offered	Intake
1	UG: B. Tech (Mechanical Engineering)	120
2	PG: M. Tech (Thermal Engineering)	24

4. **Names of Inter disciplinary courses and the departments/units involved:**

S.No.	Inter disciplinary Courses	Departments Involved
1	Managerial Economics & Financial Analysis	S&H
2	Electrical & Electronics Engineering	EEE
3	Electrical & Electronics Engineering Lab	EEE & ECE
4	English Communication Practice-I	S&H
5	Professional Ethics & Morals-I	S&H
6	English Communication Practice-II	S&H
7	Professional Ethics & Morals-II	S&H
8	IPR & Patent-I	S&H
9	Instrumentation & Control Systems	ECE
10	IPR & Patent-II	S&H
11	Advanced Communication Skills Lab	S&H
12	Interactive Computer Graphics	CSE

**5. Annual/semester/choice based credit system(Program wise):**

- UG: B. Tech - Mechanical Engineering, Semester based Credit System
- PG: M. Tech - Thermal Engineering, Semester based Credit System.

**6. Participation of the Department in the courses offered by other departments:**

S. No.	Courses	Courses offered to Departments
1	Hydro & Thermal Prime Movers	EEE
2	Hydro & Thermal Prime Movers Lab	EEE
3	Computer Aided Engineering Drawing Practice	CE

**7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL****8. Details of courses/programs discontinued (if any) with reasons: NIL****9. Number of teaching posts:**

Designation	Sanctioned	Filled
Professors	03	03
Associate Professors	06	07
Assistant Professors	15	14

**10) Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.):**

S.No.	Name of the Staff	Qualification	Designation	Specialization	Experience (Years)
1	Dr.B.S.B.Reddy	M.Tech. Ph.D	Professor & Principal	Engineering Materials	18
2	Dr.Ch.Srinivasa Rao	M. Tech. Ph.D.	Professor	Production Engineering	16
3	Dr.S.C.V.Ramana Murty Naidu	M.Tech. Ph.D	Professor & HOD	Machine Design	16
4	Mr.G.Raju	M.E (Ph.D)	Assoc. Professor	Heat Transfer in Energy Systems	13
5	Mr. P.Surendra Babu	M.E (Ph.D)	Assoc. Professor	Production Engineering	14

6	Mr. V.Nageswara Rao	M.Tech. (Ph.D)	Assoc. Professor	Thermal Engineering	19
7	Mr.D.Srinivasulu	M.Tech	Assoc. Professor	Machine Design	11
8	Mr.T.V.S.R.K.Prasad	M.Tech. (Ph.D)	Assoc. Professor	Industrial Engineering	16
9	Mr.P.W.D.S.Milton	M.Tech	Assoc. Professor	CAD/CAM	15
10	Mr.Y.Kiran	M.Tech	Assoc. Professor	CAD/CAM	8
11	Mr.T.Veeriah	M.Tech	Asst. Professor	Machine Design	8
12	Mr.G.Suresh Babu	M.Tech. (Ph.D)	Asst. Professor	Machine Design	6
13	Mr.K.Chaitanya Kumar	M.Tech	Asst. Professor	CAD/CAM	5
14	Mr. K.Srinivasa Reddy	M.Tech	Asst. Professor	Thermal Engineering	5
15	Mr.K.Dasu	M.Tech	Asst. Professor	Machine Design	5
16	Mr.Sk.Abdul Saleem	M.Tech	Asst. Professor	HVAC	3
17	Mr.V.Rahul Jetson	M.Tech	Asst. Professor	CAD/CAM	3
18	Mr. K.Rajasekhar	M.Tech	Asst. Professor	Machine Design	3
19	Mr. A.Baji	M.Tech	Asst. Professor	Machine Design	2
20	Mr.B.Anil Kumar	M.Tech	Asst. Professor	NA&ME	2
21	Mr.N.Tilak Ratnam	M.Tech	Asst. Professor	Mechanical Engineering	2
22	Mr.T.Sivasai Anil	M.Tech	Asst. Professor	Mechanical Engineering	1
23	Mr.B.Parameswara Rao	M.Tech.	Asst. Professor	Mechanical Engineering	2
24	Mr.V.Mahendra Reddy	M.Tech.	Asst. Professor	Mechanical Engineering	1

**11. List of senior visiting faculty-NIL**

**12. Percentage of lectures delivered and practical classes handled (program wise by temporary faculty –NIL**

**13. Student-Teacher Ratio(program wise)**

- UG: B. Tech (Mechanical Engineering) : 15:1
- PG: M. Tech (Thermal Engineering) : 12:1

**14. Number of academics support staff (technical) and administrative staff; sanctioned and filled.**

S.No	Staff designation	Sanctioned	Filled
1	Academic support staff (Technical)	8	8
2	Administrative staff	2	2

**15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/ MPhil/PG.**

Sl. No.	Qualification	No. of Faculty
1.	Ph. D	03
2.	M. Tech	21

**16. Number of faculty with ongoing projects from funding agencies and grants received:**

- a) National: NIL
- b) International: NIL

**17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL****18. Research Centre /facility recognized by the University: NIL****19. Publications:**

- a) Publication per faculty (last four years):

**National/International Journals****A.Y.: 2015-16**

Sl.No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue	ISSN No.
1	Decentralized Production-distribution optimization in a multi-echelon supply chain management by using intelligent agents	OPSEARC H(Springer)	TVSRK Prasad Kolla Srinivas, C Srinivas	53-3	0030-3887

2	Dynamic Analysis of Transverse Crack in Rotor By Using Finite Element Method	SAJET	K Rajasekhar B Kailash	2	2454-9614
3	Finite Element Modeling and Static Analysis of Open Tower	IJSETER	K Rajasekhar E Shama parveen	4	2319-8885
4	Dynamic Anlysis of Transverse Crack in Rotor By Using Finite Element Method	MTT	K Rajasekhar TVSRK Prasad	4	0972-7396
5	Dynamic Analysis of Transverse Crack in Rotor	IJERT	K Rajasekhar B Kailash	4	2278-0181
6	Performance and Emission Analysis of an Indirect Injection Diesel Engine Operated with Palm Methyl Ester (PME) and 1, 4-Dioxane Additive Blend	IJERT	SCV Ramana Murty Naidu BV Appa Rao	4	2278-0181
7	Performance and Vibration Analysis of an Indirect Injection Diesel Engine Operated with Palm Methyl Ester (PME) and 1, 4-Dioxane Additive Blend	IJIFR	SCV Ramana Murty Naidu BV Appa Rao	2	2347-1697
8	Experimental investigations on Performance of Dual Biodiesels blended with diesel on VCR diesel engine. Published in International Journal of Current Engineering and Technology	IJCET	V.Nageswara Rao V.Bhargav Prasad	6	2347-5161
9	An Experimental Investigation on Design and Development of Rotational ARC welding Machine and Parametric Study on Process Variables	IJSETR	D Srivasulu Ch. Srinivasa Rao	5	2319-8885
10	Stress-Strain Analysis of Carbon-Epoxy Laminated Composites during Delimitation by Finite Element Method	IJEERT	M Kishore Ch.Srinivasa rao	3	2349-4409
11	Temperature Distribution Analysis of Composite Pin Fin By Experimental and	IJIRSET	Y.Pratapa Reddy CHSrinivasa	4	2319-8753

	Finite Element Method		rao		
12	integrated production – inventory – distribution optimization in a multi-echelon supply chain	MTT	TVSRK Prasad Kolla Srinivas	14	0972-7396
13	CFD analysis of water flowing in a double pipe heat exchanger	IJDF	V Nageswara Rao B Ravisankar	12	0973-1784

**A.Y.: 2014-15**

Sl.No.	Title of Paper	Name of the Journal	Authors	Vol. /Issue	ISSN No.
1	Investigation on WIG (Adv. Marine) Craft Aerodynamic Characteristics	Indian Technology Congress 2015	Bharatam Anil Kumar PVJ Mohan Rao	1	ITC2015 /TP/02

**A.Y.: 2013-14**

Sl.No.	Title of Paper	Name of the Journal	Authors	Vol. /Issue	ISSN No.
1	Material Flow Behavior in Friction Stir Welding Process-A Critical Review on Process Parameters and Modeling	IJETAE	P. Surendra babu Ch.Srinivasa Rao	3	2250-2459
2	"Condition Monitoring and Vibration Analysis of Boiler Feed Pump"	IJSRP	G. suresh babu V C das	3	2250-3153
3	Identification of critical speeds of turbine blade along with stress stiffening and spin softening effects	IJITEE	G. suresh babu	2-5	2278-3075
4	Analysis of single cylinder combustion engine using CFD	IJITEE	G. suresh babu	2-5	2278-3075
5	Static Analysis and Optimization of Chassis and Suspension of an All-Terrain Vehicle	IJEAT	G. suresh babu	2-5	2249-8958
6	Three-dimensional finite element (FE) model for armchair and zigzag type single walled carbon nano-tubes	IJSRP	G. suresh babu	3-5	2250-3153

7	The Impact of Cutting Conditions on Cutting Forces and Chatter Length for Steel and Aluminum	IJEAT	G. suresh babu	2-4	2249-8958
---	--	-------	----------------	-----	-----------

**A.Y.: 2012-13**

Sl.No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue	ISSN No.
1	Free Expansion and Thermal Stress Analysis of a Corner Welded Joint by Finite Element Method	IJMER	Dr.CH.Srinivasa Rao P. Surendra Babu	2	2249-6645
2	Emission and Performance of Diesel Engine Using Karanja BioDiesel - A Critical Review	IJSETR	S.C.V.Ramana Murthy Naidu G.Raju	1	2278 – 7798
3	Fabrication and Thermal Analysis of Composite Pin-Fin	IJCEM	Y.Pratapa Reddy G.Raju	3	2348 9510

**20. Areas of consultancy and income generated**

S. No.	Client	Project title	Duration	Project Value	Income Generated	Faculty involved
1.	Kallam Spinning Mills Pvt. Ltd., Guntur	Machinery Maintenance	Jun 2014- May 2015	Rs 1,20,000 /-	Rs 1,20,000/-	Mr.D.Srinivasulu & Mr.Y,Prathap Reddy
2.	Kalpataruvu Spinning Mills Pvt.Ltd., Chilakaluripet	Machinery Maintenance	Jun 2014- May 2015	Rs 1,20,000 /-	Rs 1,20,000/-	Mr.D.Srinivasulu & Mr.Y,Prathap Reddy

**21. Faculty as members in**

a) National committees b) International Committees

c) Editorial Boards

**List of faculty with life time membership in Professional Societies**

S.No	Name of the Staff	Designation	Membership
1.	Dr.B.S.B.Reddy	Professor & Principal	AMIIM
2	Dr.Ch.Srinivasa Rao	Professor	LMISTE
3	Dr.SCV Ramana Murthy Naidu	Professor & HOD	LMISTE
4	Mr.P.Surendra Babu	Assoc.Professor	LMISTE
5	Mr.D.Srinivasulu	Assoc.Professor	LMISTE
6	Mr.V.Nageswara Rao	Assoc.Professor	LMISTE
7	Mr.G.Raju	Assoc.Professor	LMISTE
9	Mr.Y.Prathap Reddy	Asst.Professor	LMISTE
13	Mr.T V S R K Prasad	Asst.Professor	LMISTE
14	Mr.Y.Kiran	Asst.Professor	LMISTE
19	Mr. B.Anil Kumar	Asst.Professor	Grad.Ae.S.I., AMIIM.

**22. Student projects**

a) Percentage of students who have done in-house projects including inter

Departmental/programme:

S.No	Academic Year	% of In-house Projects
1	2013-14	100
2	2014-15	100
3	2015-16	100

b) Percentage of students placed for projects in organizations outside the Institution i.e. in Research laboratories /Industry /other agencies: NIL



**23. Awards/ Recognitions received by faculty and students: a)****Awards /Recognitions received by Faculty :**

S.No	Academic Year	Name of Faculty	Name of the Award
	2015-16	Dr.SCV Ramana Murthy Naidu	Best Researcher
1	2015-16	Mr.V.Nageswara Rao	Best Teacher
2	2014-15	Mr.D.Srinivasulu	Best Teacher
3	2013-14	Mr.G.Raju	Best Teacher
4	2012-13	Dr.Ch.SrinivasaRao	Best Teacher
5	2011-12	Mr.P.Surendra Babu	Best Teacher

**b) Awards /Recognitions received by Students:**

S.No	Name of the student	Academic Year	Name of the Award	Awarded By
1	O.Abhishek	2013-14	<ul style="list-style-type: none"> <li>➤ I prize in Technical Paper Presentation</li> <li>➤ I prize in Technical Poster</li> <li>➤ I prize in Project Expo Presentation</li> <li>➤ II Prize in Technical Quiz</li> </ul>	NOVUM-Chalapathi Institute of Technology,Lam, Guntur
2	O.Abhishek	2013-14	<ul style="list-style-type: none"> <li>➤ I prize in Technical Paper Presentation</li> <li>➤ I prize in Project Expo</li> <li>➤ II prize in poster presentation</li> </ul>	SAPTAVARNA-14, Chirala Engineering Collge, Chirala
3	O.Abhishek	2013-14	<ul style="list-style-type: none"> <li>➤ I prize in Technical Paper Presentation</li> <li>➤ I prize in Technical Exhibition</li> <li>➤ II Prize in Technical Quiz</li> </ul>	DHANUSH-14 Dhanekula Institute of Engg & Technology, Vijayawada

4	O.Abhishek	2013-14	<ul style="list-style-type: none"> <li>➤ I prize in poster presentation</li> <li>➤ I prize in Project Expo</li> </ul>	EPISTEMICON-2K14, Andhra Loyola Institute of Engg & Technology, Vijayawada
5	O.Abhishek	2013-14	<ul style="list-style-type: none"> <li>➤ I Iprize in poster presentation</li> <li>➤ I prize in Technical Quiz</li> <li>➤ I Prize in Project Expo</li> </ul>	UDGHOSH-14, Chalapathi Institute of Technology, Mothadaka, Guntur
6	O.Abhishek	2013-14	<ul style="list-style-type: none"> <li>➤ II prize in Project Expo</li> </ul>	KITSYUVA-2014 KKR & KSR Instute of Technology & Sciences,Guntur

S.No	Name of the student	Academic Year	Name of the Award	Awarded By
7	O.Abhishek	2013-14	<ul style="list-style-type: none"> <li>➤ I prize in poster presentation</li> </ul>	EMER'GE'-2K14,Dr.Samuel George Institute of Engg & Technology, Markapur
8	O.Abhishek	2014-15	<ul style="list-style-type: none"> <li>➤ II Prize in Paper Presentation</li> <li>➤ I Prize in Project Expo</li> <li>➤ II Prize in Technical Quiz</li> </ul>	SAMKALP , KHIT, Guntur
9	O.Abhishek	2014-15	<ul style="list-style-type: none"> <li>➤ II prize in Project Expo</li> <li>➤ I prize in poster presentation</li> <li>➤ I Prize in Paper Presentation</li> </ul>	NOVUM-Chalapathi Institute of Technology, Lam, Guntur
10	O.Abhishek	2014-15	<ul style="list-style-type: none"> <li>➤ I prize in Project Expo</li> </ul>	VIVA VVIT-2015 Vasireddy Venkatadri Inst.of Tech. Nambur, Guntur
11	O.Abhishek	2014-15	<ul style="list-style-type: none"> <li>➤ I prize in Project Expo</li> <li>➤ I prize in poster presentation</li> </ul>	KITSYUVA-2015 KKR & KSR Institute of Technology & Sciences,Guntur

13	O.Abhishek	2014-15	<ul style="list-style-type: none"> <li>➤ I prize in Project Expo</li> <li>➤ I prize in poster presentation</li> </ul>	MITTAPALLI'S MIRACLE-2K15, Sri Mittapalli collge of Engg, Guntur
----	------------	---------	---	--

#### 24. List of eminent academicians and scientists/visitors to the department

S.No	Date	Name of the Academician	Designation	Organization	Purpose of Visit
1.	11-04-2016	Ethical values of employees in Industries	D.S.S.Reddy, HR,	Sri Venkateswara Gear Wheels	Seminar
2.	11-04-2016	Industrial Requirements	K.V.A.Praveen, HR,	Sri Venkateswara Gear Wheels	Seminar
3.	4-05-2016	Product development	A.Kiran, HR,	Kirloskar Toyota Textile Machinery Pvt.ltd	Guest Lecture
4.	4-05-2016	Advances in Textile Machinery	C.V.Srinivas, Sr.Manager,	Kirloskar Toyota Textile Machinery Pvt.ltd.	Guest Lecture
5.	23-02-2016	Advanced Mechanical Modeling software's on SPM Design	Akash.S.Kulakarni, CAE Engineer,	Akuva Infotech Pvt.Ltd	Workshop
6.	23-02-2016	Reverse Engineering Design and Rapid Prototyping	Biksh Kumar Sena, Design Engineer,	Akuva Infotech Pvt.Ltd.	Guest Lecture
7.	22-12-2015	Global H.R	Sabareesan R, HR,	VEE Technologies.	Seminar
8.	14-12-2015	Advanced AUTOCAD course	Vivek T, Technical specialist	EDS Technoloioies	Workshop

9.	05-10-2015	Advanced AUTOCAD course	Vivek T, Technical specialist	EDS technologies	Seminar
10.	10-08-2015	Opportunities In Global World	S. Ravi Kumar, HR	IIC Technologies Ltd.	Seminar
11.	29-01-2015	Software Modules For Solid Modeling	Sonu Kumar J, Design Engineer,	Akuva Infotech Pvt.Ltd	Guest Lecture
12.	29-01-2015	CAE Tools	Vikash Kumar Choudhary, Design Engineer	Akuva Infotech Pvt.Ltd.	Guest Lecture
13.	15-09-2014	Motivation towards Building Careers	Dr. G.V.R Prasada Raju	JNTUK, Kakinada	Seminar
14.	15-09-2014	Interactive Session with students about opportunities in	Mr. Cracco Paolo	Tessitura Monti India Pvt.Ltd	Seminar
15.	26-07-2014	Skills required for Entrepreneurs	Mr. Venna Nagarjuna	U S A	Seminar
16.	22-07-2014	Ethical values in the present Society and importance in Engineering.	Dr.K.V.S.G. Murali Krishna	JNTUK, Kakinada	Seminar
17.	08-02-2014	Interactive Session with students about Building Entrepreneurs	Mr. M.Srinivas	Manavatha	Seminar
18.	06-01-2014	Carrier building for Future engineers	Mr. Vishal Bhargav	Avalia Learning	Seminar

19.	06-01-2014	Interactive Session with students for campus placements	Mr. M.Vamsi	Synergy Services	Seminar
-----	------------	---	-------------	------------------	---------

## 25. Seminars/ Conferences/ Workshops organized & the source of funding:

### a) National:

S. No	Seminar/Conference/ Workshop	Date	Resource Person	Source of Funding
1.	National level student technical fest., SAMKALP'2016	15-09-2016	Dr.P.Vijay Kumar	KHIT
2.	Optimization of Integrated Supply Chain Management	20-06-2016	Dr.C.Srinivas	KHIT
3	Production of Nano particles using Herbal extracts.	02-03-2016	Er.A.Kartheek	KHIT
4.	A Seminar on Human Values	09-02-2016	Dr.E.Srinivasa Reddy	KHIT
5.	Advanced Composite Materials and Applications	04-01-2016	Dr.M.Gopikrishna	KHIT
6	National level student technical fest., SAMKALP'2015	15-09-2015	Dr. K. APPA RAO	KHIT
7	Finite Elemental Modeling using ANSYS workbench	26-08-2015	Dr.Ch.Chandra Sekhar	KHIT
8	Latest Trends in Welding Technology	13-06-2015	Dr.N.Govind	KHIT
9	Modeling and analysis of CAD/CAM Systems with hands on experience	09-04-2015 to 14-04-2015	Dr.K.Venkat Rao	KHIT
10	Performance Analysis of Nano fluids in the Heat Exchangers	15-03-2015	Dr.L.Syam Sundar	KHIT
11	CFD modeling of Thermal Systems	06-01-2015	Dr.V.Varakumar	KHIT
12	Awareness program on E-Mentoring System	05-12-2014	Globarena Executive	KHIT
13	National level student technical fest., SAMKALP'2014	15-09-2014	Dr.C.Srinivas	KHIT
14	Fluidized Bed Combustion Boilers	08-08-2014	Dr.KVN Srinivas Rao	KHIT
15	Latest trends in Robotic Applications	11-07-2014	Dr.G.Vijay Kumar	KHIT

16	Innovative Concepts in Machine Design	08-04-2014	Mr.PBGSN Murthy	KHIT
17	Maintenance of Bio-mass Power Plant	10-02-2014	Er.T.Durga Prasad	KHIT
18	National level student technical fest., SAMKALP'2013	15-09-2013		KHIT
19	Total Quality Management	02-09-2013	Dr. D. NagaRaju	KHIT
20	Synthesis and Characterization of Nano particles	20-08-2013	Dr.B.Ravi Shankar	KHIT
21	Fluidized Bed combustion Boilers (FBCB)	28-01-2013	Dr.P.Nageswar Reddy	KHIT
22	National level student technical fest., SAMKALP'2012	15-09-2012		KHIT
23	Combined Cycle Power Plant operation	05-10-2012	Dr. D. Suneel	KHIT
24	Advanced Casting methods	06-02-2012	Er.T.Krishna Kumar	KHIT
25	Perspective Projections	07-09-2011	Prof.V.Nageswara Rao	KHIT

**b) nternational: NIL**

## 26. Student profile programme /course wise

Name of the Course/ Programme (refer question no.4)	Batch	Applications received	Enrolled			No. of Students Passed out	Pass percent age
			Selected	Male	Female		
B. Tech	2010-14	*	52	52	-----	33	63.50
	2011-15	*	40	40	----	31	77.50
	2012-16	*	55	55	-----	34	62.00

\*Admissions are through EAMCET / E-CET counseling of AP State Govt.

## 27) Diversity of Students:

Name of the Course	A.Y	% of students from the same state	% of students from other States	% of students from abroad
B.Tech	2015-16	100	--	--
M.Tech	2015-16	100	--	--

**28) How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?**

S.No.	Academic Year	Name of the Competitive Exam	No of Students Cleared
1.	2013-14	GATE/PGECET	-
		GRE,TOFEL,IELTS	4
2.	2014-15	GATE/PGECET	-
		GRE,TOFEL,IELTS	3
3.	2015-16	GATE/PGECET	-
		GRE,TOFEL,IELTS	2

**29) Student progression:**

Student progression	Against % enrolled
UG to PG	12
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
<b>Employed</b> <ul style="list-style-type: none"> <li>● Campus selection</li> <li>● Other than campus recruitment</li> </ul>	100% of eligible Students
Entrepreneurship/Self-employment	05

**30) Details of Infrastructural facilities**

a) Library: **Plinth Area: 44 sqm.**

<b>Department</b>	Mechanical
<b>No of Books</b>	200

b) Internet facilities for Staff & Students

Internet facility is provided in all staff rooms of mechanical department.

## c) Class rooms with ICT facility

Rooms	No of Rooms	Facilities Available (Rs.)
Lecture Rooms	7	Adequate no of tables , benches, Fans, Tube
Tutorial Rooms	2	Lights, LCD Projector, Podium, Benches, Chalks, Dusters

## d) Laboratories

S.No	Name of the Laboratory	Area(m <sup>2</sup> )	Major Equipment	Quantity (No.)	Exclusive /Shared
1	Engineering Work-Shop	200	House wiring trade Grinding machine Cutting machine Hand tools of different Trades	4 sets 1 1 1	Common
2	Machine Tools	87.8	Lathe Machines Milling Machine Shaping Machine Slotting Machine Radial Drilling Machine Surface Grinder Tool & Cutter Grinder	7 1 1 1 1 1	Exclusive
3	Production Technology	87.8	Arc Welding machines Spot Welding machine TIG Welding machine Wire Butt Welding machine Wood Turning Lathe Machine Sand Rammer Permeability Tester Universal Strength machine Hydraulic Press Injection Moulding machine	2 1 1 1 1 1 1 1 1 1	Exclusive



4	Thermal Engineering	87.8	4-Stroke single cylinder diesel engine Single cylinder 2-stroke petrol engine 4-stroke 4- cylinder petrol engine V.C.R Diesel engine 4-stroke single cylinder petrol engine Reciprocating Air compressor Cut section model of 4-stroke Single cylinder diesel engine  Cut section model of 2-stroke Single cylinder petrol engine	1 1 1 1 1 1 1 1 1	Exclusive
5	Heat Transfer	87.8	Thermal Conductivity of metal rod Heat transfer through compound walls Heat transfer in pin fin apparatus Heat transfer in free/ Natural convection Heat transfer in forced convection Emissivity Measurement apparatus  Thermal conductivity of Insulating power through concentric sphere apparatus  Thermal conductivity of Insulating power through Lagged pipe apparatus  Parallel and Counter flow heat Exchanger  Stefan Boltz man apparatus  Heat transfer in drop wise and film wise condensation apparatus Heat transfer in boiling (Critical heat flux) apparatus	1 1 1 1 1 1 1  1  1  1  1  1  1	Exclusive

6	Metallurgy	87.8	Jominey end quench apparatus Dry & Wet belt polisher Electric muffle furnace(1200 <sup>0</sup> C) Specimen mounting press Single disc polisher Double disc polisher Inclined monocular metallurgical microscope Binocular metallurgical microscope Trinocular metallurgical microscope Inverted Binocular metallurgical microscope Abrasive cut-off machine (Super cut Table top type)	1 1 1 1 1 1 5 2 1 1 1	Exclusive
7	Instrumentation	87.8	Pressure transmitter using U- tube manometer Thermistor experimental module LVDT Experimental module K-type thermocouple module Photo electric tachometer trainer Speed measurement of a PMDC motor using magnetic pickup Study characteristics of flow measurement using Rotometer Study characteristics of vibrations	1 1 1 1 1 1 1 1	Exclusive



			Centrifugal pump test rig	1	
10	Thermal Engg Lab. (M.Tech)	70	<p>Separating and Throttling Calorimeter with built in steam Generator test rig.</p> <p>Solar Flat plate collector apparatus test rig.</p> <p>Shell and tube heat exchanger steam to water with rotometer flow measurement(steam to water)</p> <p>Heat pipe apparatus</p> <p>Vapor compression Refrigeration test rig.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	Exclusive
11	Simulation lab	87.8	<p>ANSYS academic teaching introductory version 14.5-32,000 nodes</p> <p>Edge cam CAD/CAM software kriatec services-Edge cam software</p> <p>1) NC verify simulation module includes the manual part programming simulation for Milling</p> <p>2) Educational network licence or latest version includes the following module -3/4/5 VMC/HMC for production machining application and advanced surface milling</p> <p>3) Edge cam solid machinist for education includes the following bundle Edge cam 3D Modeler Edge solid machinist for para solid</p>	<p>25 Users</p> <p>1</p> <p>1</p> <p>1</p>	Exclusive

**31. Number of students receiving financial assistance from college, university, Government or other agencies**

Agency	No. of students received financial assistance					
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
College	--	6	6	6	6	14
University	--	--	--	--	--	--
Government (Govt. Under Fees reimbursement)	36	79	117	152	208	254
Other	--	--	--	--	--	--

**32. Details on student enrichment programmes (special lectures /workshops/Seminar) with external experts:**

Academic Year	Name of the Topic	Organized by	Objective
2014-15	Bharateeya Samskurthi	KHIT	Students are made to know about Indian culture
	Yoga Retreat	KHIT	Sound mind and health by yoga
2013-14	Awareness of Globalization	KHIT	Importance of globalization
	Entrepreneurship Orientation Programme	National Small Industries Corporation Ltd.	Develop creativity in students
2012-13	Soft skills by JKC	JKC	Develop communication skills
	Awareness program on Civil	KHIT	Information on civil services
2011-12	Art of Living	KHIT	Develop positive attitude

**33. Teaching methods adopted to improve student learning**

1. LCD Projector.
2. Chalk & Talk.
3. Motivating to access latest online journals, reference materials and help them to understand the emerging trends in the field of Electrical & Electronics Engineering
4. Student Seminar, Assignments and Handouts.

**34. Participation in Institutional Social Responsibility (ISR) and Extension**

**Activities Instructing social service attitude by conducting NSS camps**

S.No.	Date	Activities	Place/Village
1	11/5/2014	DONATION FOR HUDHUD VICTIMS	KHIT
2	14/10/2014	SWACHH BHARAT	KHIT
3	15/10/2014	MEDICAL CAMP	KHIT
4	01/11/2014	BLOOD DONATION FOR RED CROSS SOCIETY.	KHIT
5	10/03/2015	SWACHH BHARAT	DASARPALEM
6	20/10/2015	TREE PLANTATION BY NSS STUDENTS	KHIT
7	01/11/2015	BLOOD DONATION FOR NEEDS	KHIT
8	01/11/2015	BLOOD DONATION FOR GGH	KHIT
9	23/01/2016	ROAD SAFETY-TIME FOR ACTION	KHIT
12	12/08/2016- 23/08/2016	PARTICIPATED AS VOLUNTEERS IN KRISHNA RIVER PUSHKARS	KHIT

### 35. SWOC analysis of the department and Future plans

#### Strengths:

- Qualified and experienced faculty with good retention.
- Well equipped and spacious laboratories.
- Good industry - institution interaction.
- Good employability for students after completion of course.

#### Weaknesses:

- Lack of Industrial research and consultancy.
- Less number of publications in journals

#### Opportunities:

- Opportunity to perform various experiments in industries for project works in final year
- Opportunities to have an insight into entrepreneurship through interaction with industry personnel.
- Amicable management with generous attitude in the form of lucrative special pays and incentives with additional perks and allowances to attract highly qualified and efficient and veteran faculty.

#### Challenges:

- Varying quality of intake due to rural background.

#### Future Plans

- To enhance Industry-Institute Interaction to Employability.
- To maintain good interaction with professional bodies

## Evaluative Report

### Department of Electronics and Communication Engineering

1. **Name of the department:** : Electronics and Communication Engineering
2. **Year of Establishment:** 2010
3. **Names of Programmes / Courses offered:**

S.No.	Name of the programme(s) offered	Intake
1.	UG : B.Tech– Electronics & Communication Engineering	180

4. **Names of Inter disciplinary courses and the departments/units involved:**

S.No.	Inter disciplinary Courses	Departments Involved
1	Electrical Technology	Electrical and Electronics Engineering
2	Data structures	Computer Science and Engineering
3	Managerial Economics & Financial Accounting Management Science Environmental Studies Environmental Pollution Control	Science & Humanities

5. **Annual/semester/choice based credit system(Program wise):**

B.Tech (Electronics & Communication Engineering) – Semester based credit system

6. **Participation of the department in the courses offered by the other Departments:**

S.No.	Courses	Courses offered to Departments
1	Electronic Devices & Circuits Electronic Devices & Circuits Lab	EEE, CSE
2	Pulse & Digital Circuits, Micro Processor & Micro Controllers, Linear & Digital ICs	EEE
3	Digital Logic Design, Digital Logic Design Lab	CSE
4	Electrical & Electronics Engineering, Basics in Electrical & Electronics Engineering LAB	ME,CE

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL

8. Details of courses/programs discontinued (if any) with reasons: NIL

9. Number of teaching posts:

Designation	Sanctioned	Filled
Professors	3	3
Associate Professors	10	10
Assistant Professors	23	23

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.):

S.No.	Name of the Staff	Qualification	Designation	Specialization	Experience (Years)
1.	Prof.S.Suryanarayana	ME(Ph.D)	Prof. & HOD	Microwave Engineering	22
2.	Dr.K.V Ramprasad	Ph.D	Professor	Signal Processing	19
3.	Dr.D.V.Sree Kumar Reddy	Ph.D	Professor	Communication System	18
4.	Mr. J.Ravi Sankar	M.Tech(Ph.D)	Assoc. Prof.	Wireless Communications	14
5.	Mr. K.Srinivasarao	M.Tech	Assoc. Prof.	I&CS	14
6.	Mr.D.Ramanayudu	M.Tech	Assoc. Prof.	DECS	12
7.	Mr.B.Ramachandraiah	M.Tech(Ph.D)	Assoc. Prof	Digital Communication	10
8.	Ms.V.Santhisri	M.Tech	Assoc. Prof.	VLSI	10
9.	Ms.B.Himabindu	M.Tech	Assoc. Prof.	VLSI&ES	8
10.	Mr.A.Manikanth	M.Tech	Assoc. Prof.	Embedded Systems	8
11.	Mr.T.Srikanth Reddy	M.Tech	Assoc. Prof.	DECS	8
12.	Ms.C.Suneetha	M.Tech	Assoc. Prof.	VLSI	8
13.	Ms.R.Sri Vasavi	M.Tech	Assoc. Prof.	VLSI	8
14.	Mr.Y.MuraliKrishna	M.Tech	Asst. Prof.	DSCE	7
15.	Mr.Ch.Eswarakumar	M.Tech	Asst. Prof	Embedded Systems	5
16.	Mr.M.LeelaVenkata Krishna	M.Tech	Asst. Prof	Embedded Systems	5
17.	Ms.R.Sravanthi	M.Tech	Asst. Prof.	VLSI	4
18.	Mr.P.Anji Reddy	M.Tech	Asst. Prof.	DECS	4
19.	Ms.P.Sri Lakshmi	M.Tech	Asst. Prof.	Communication and Signal Processing	3
20.	Mr.G.Manoj Kumar	M.Tech	Asst. Prof.	Communication & radar	3



21.	Mr.Sk.P.Roshan jameer	M.Tech	Asst. Prof.	VLSI	3
22.	Ms.P.Vijaya	M.Tech	Asst. Prof.	VLSID	2
23.	Mr.G.Sivarama Krishna	M.Tech	Asst. Prof.	VLSI&ES	2
24.	Mr.J.Yedukondalu	M.Tech	Asst. Prof.	DECS	2
25.	Mr.K.Vinay kumar	M.Tech	Asst. Prof.	VLSI	2
26.	Mr.N.Vijay Kumar	M.Tech	Asst. Prof.	ECE	2
27.	Mr.M.Sudhakar Reddy	M.Tech	Asst. Prof.	VLSI&ES	1
28.	Ms.L.Saritha	M.Tech	Asst. Prof.	DECS	1
29.	Mr.A.Srikanth Reddy	M.Tech	Asst. Prof.	ES	1
30.	Mr.N.Prasad	M.Tech	Asst. Prof.	DECS	1
31.	Mrs.V.Sindhuri	M.Tech	Asst. Prof.	ES	1
32.	Ms.K.N.S. Priyanka	M.Tech	Asst. Prof.	VLES	1
33.	Ms.K.Kanaka Madhuri	M.Tech	Asst. Prof.	CESP	1
34.	Mr.N.Vijay Kumar	M.Tech	Asst. Prof.	VLSI&ES	1
35.	T.L.K.Prasanna	M.Tech	Asst. Prof.	VLSI	1
36.	K.S.L.Prasanna	M.Tech	Asst. Prof.	ES	1

**11. List of senior visiting faculty-NIL**

**12. Percentage of lectures delivered and practical classes handled (program wise by temporary faculty –NIL**

**13. Student-Teacher Ratio(program wise)**

- UG: B.Tech in Electronics and Communication Engineering- 15:1

**14. Number of academics support staff (technical) and administrative staff; sanctioned and filled.**

S.No.	Staff Designation	Sanctioned	Filled
1.	Academic support staff (Technical)	8	8
2	Administrative staff	2	2

**15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/ MPhil/PG.**

S.No.	Qualification	Faculty Numbers
1	Ph.D	2
2	M.Tech	34

**16. Number of faculty with on going projects from funding agencies and grants received:**

a) **National:** NIL

b) **International:** NIL

**17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:** NIL

**18. Research Centre /facility recognized by the University:** NIL

**19. Publications:**

a) Publication per faculty (last four years):

**National/International Journals**

**A.Y.: 2015-16**

S.No.	Title of Paper	Name of the Journal	Authors	Vol./Issue/PP	ISSN No.
1.	Random Assignment of Wavelength using Normal Distribution in WDM Networks	IJECT	S.Suryanarayana	Vol:6, Issue:3	ISSN No: 2230-7109
2.	Analysis of Blocking Probability in WDM Networks	IJAETM	S.Suryanarayana & K.V.Ramprasad	Vol. 3, Issue 6, PP: 33-41	ISSN No : 2349-3224
3	Enhancement of the Capability of Optical Networks Based on WDM Technique	IJRSCA	S.Suryanarayana & K.V.Ramprasad	PP: 1 - 6	ISSN No : 2319-6106
4.	Wavelet De-Noising and Analysis of UHF Partial Discharges in High Voltage Power Transformer	IJCEACE	K.V.Ramprasad,	Vol.1, Issue 09, PP: 35-39	ISSN No: 2250-3129.
5.	De-Noising Of Partial Discharge Signals Generated in High Voltage Power Transformer using Gabor Wavelet Transform	IJCEACE	K.V.Ramprasad,	Vol. 1, Issue 09, PP: 40–46.	ISSN No: 2250-3129
6.	Recent Trends and	IJAETM	K.V.Ramprasad &	Vol. 2,	ISSN No:

	Challenges in WDM Networks		S.Suryanarayana	Issue 12, PP: 98-104	2349-3224
7.	Design and Development of Microstrip Patch Antenna Array for Wireless Communication Systems	IJRSAE	K.V.Ramprasad,	Vol. 2, Issue 13 PP: 17 – 20	ISSN No: 2319-6106
8.	Effective Despeckling of Ovarian MRI image	IJRTET	T.Srikanth Reddy & D.Ramanaidu	Vol. 6, Issue 4	-
9.	Advanced Pipelined Architecture For Lifting Based Discrete Wavelet Transform	IJESR	C.Suneetha	Vol 6 Issue-1, PP:1-5	ISSN:2277-2685
10.	Low Power Vedic Sutras For An Advanced Square And Cube Architectures	IJMETMR	C. Suneetha	Vol 2 Issue-12	ISSN:2348-4845
11.	Radix Fast Fourier Transforms Using Advanced Radix-4	IJRECE	C. Suneetha	Vol-3 Issue- 4	ISSN:2321-5593
12.	Efficient Exonic Regions Prediction in DNA Sequence Using Fast Converged Adaptive Filter	IJSIP (SERSC)	Y.Murali Krishna	Vol.9,No.5, PP:243-252	ISSN No: 2005-4254
13.	Image Compression Using Wavelets	IJER	C. Suneetha	Vol. 4, Issue 5	ISSN: 2321-1717
14.	Home Networks	IJET	C. Suneetha	Vol.4, Issue.5	ISSN : 2349-4476

**A.Y.: 2014-15**

S.No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue/ PP	ISSN No.
1.	Wavelength Assignment in Optical WDM Networks	IJCCS	S.Suryanarayana	Vol-4, Issue-2	ISSN: 2277-6699
2.	Random Wavelength Assignment using Normal	IJCA	S.Suryanarayana	Vol:128, Issue: 6	ISSN: 0975 – 8887

	Distribution in Wavelength Converted WDM Networks				
3	Probabilistic Intelligent Routing Scheme for Optical Networks	IJEERT	S.Suryanarayana	Vol. 2, Issue 8	ISSN: 2349 - 4409
4	Application of Median Filter on True Color Images	IJCEAEE	K.V.Ramprasad	Vol. 1, Issue 06, PP: 194 - 197	ISSN: 2250-3129
5	low complex adaptive fast converged kalman filter for cardiac ECG artifacts elimination	IJSIP	Y.Murali Krishna	Vol.7, No.3 pp.283-292	ISSN: 2005-4254
6	Current and Future Trends In Wireless Mobile Communication Systems	IOSR	J.Ravisankar	Volume 10, Issue 2, Ver. II	ISSN: 2278-8735
7	Reduction of PAPR in MIMO-OFDM using Non-Linear Companding Transform	IJERT	J.Ravisankar	Vol. 3 Issue 10	ISSN: 2278-0181

**A.Y.: 2013-14**

S.No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue/ PP	ISSN No.
1	Two Level DCT and Wavelet Packets Denoising Robust Image Watermarking	IJECSE	Y.Murali Krishna	Vol-3	ISSN : 2277-1956

2	Multi Beam DOA Estimation Using Robust Convergence Adaptive Algorithm	IJHIT	Y.Murali Krishna	Vol.6, No.6 , pp.311-320	ISSN: 1738-9968
3	Performance analysis of Adaptive Cross-Layer FEC Mechanism for video Transmission over wireless networks	IJETT	K.Srinivasarao	Vol.4, Issue 10,pp.45 64-4566	ISSN: 2231-5381

**A.Y.: 2012-13**

S.No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue/ PP	ISSN No.
1	Determination of Multiplication Factor for Gabor Wavelet Transform: An Application to De-noising of Digital Signals	IJERT	K.V.Ramprasad, Dr. H.S.N.Murthy & Dr.A.Govardhan	Vol. I issue 5	ISSN No: 2278-0181
2	De-noising & Characterization of Partial Discharge Signals using Wavelet Transforms	IJATER	K.V.Ramprasad, H.S.N.Murthy & A.Govardhan	Vol. II issue 4	ISSN: 2250-3536
3	Dynamic Routing Scheme in all-optical Networks using Resource Adaptive Routing Scheme	IJAET	S.Suryanarayana	Vol:2, Issue:1	-
4	Placement of Wavelength Converters in WDM P-Cycle Networks	IJERA	S.Suryanarayana	Vol. 02, Issue 02	ISSN : 2248-9622
5	Simulation of Fading channels using different tests	IJERT	J.Ravisankar	Vol. 1 Issue 7	ISSN: 2278-0181

**National/International Conferences****A.Y.: 2015-16**

<b>S.No.</b>	<b>Title of Paper</b>	<b>Name of the Conference</b>	<b>Authors</b>
1	Blocking Probabilities of Wavelength-Routed WDM Networks Based on Random Wavelength Assignment	ICICSE2016	S.Suryanarayana & K.V.Ramprasad
2	Wavelength Assignment in Optical WDM Networks	ICCSPIT-2015	S.Suryanarayana
3	Study of PAPR Reduction in ofdm systems using different companding techniques	IACC-2016	K.V.Ramprasad
4	Study of PAPR reduction in ofdm systems using different companding techniques	IACC-2016	J.RaviSankar

**A.Y.: 2013-14**

<b>S.No.</b>	<b>Title of Paper</b>	<b>Name of the Conference</b>	<b>Authors</b>
1.	Performance of error control algorithm for video transmission in wireless network	ICIECE-2013	K.Srinivasarao
2.	Performance analysis of error resilient video transmission over wireless networks	ICSS-2013	K.Srinivasarao
3.	Adaptive FEC algorithm for video transmission over wireless networks	International conference on photonics & VLSI signal processing	K.Srinivasarao
4.	Performance analysis of Adaptive Cross-Layer FEC Mechanism for video Transmission over wireless networks	Recent advances in communication systems & electrical engineering	K.Srinivasarao
5.	Novel Method for Reduction of PAPR of MIMO-OFDM Based on Non Linear Companding Transform	ICCNASP-2013	J.Ravisankar

**20. Areas of consultancy and income generated**

S.No.	Client	Project title	Duration	Project value	Income Generated	Faculty involved
1	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Oct 2014 (1 month)	2.25 Lakhs	2.25 lakh	Dr. K.V.Ramprasad Mr. B.Ramachandraiah
2	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Aug 2015 (1 month)	2.5 Lakhs	1 lakh	Dr. K.V.Ramprasad Mr. B.Ramachandraiah Mr. Y.Murali Krishna

**21. Faculty as members in**

a) National committees b) International Committees

c) Editorial Boards

**List of faculty with life time membership in Professional Societies**

S.No	Name of the Staff	Designation	Membership
1.	Prof. S.Suryanarayana	Professor &HOD	ISTE & IETE
2.	Dr.K.V.Ramprasad	Professor	ISTE & IETE
3.	Dr.D.V.Sree Kumar Reddy	Professor	ISTE
4.	K.Srinivasa Rao	Assoc.Professor	ISTE &IETE
5.	J.Ravisankar	Assoc.Professor	IETE
6.	D.Ramanaidu	Assoc.Professor	ISTE
7.	V.Santhisri	Assoc.Professor	ISTE
8.	A.Manikanth	Asst.Professor	ISTE
9.	T.Srikanth Reddy	Asst.Professor	ISTE
10.	C.Suneetha	Asst.Professor	IETE
11.	Ch.Eswar Kumar	Asst.Professor	ISTE
12.	Y.Murali Krishna	Asst.Professor	ISTE
13.	M.LeelaVenkata Krishna	Asst.Professor	ISTE
14.	Ch.Ramakrishna Reddy	Asst.Professor	ISTE

**Members in Editorial Boards: NIL**

**22. Student projects**

a) Percentage of students who have done in-house projects including inter Departmental/programme:

S.No	Academic Year	% of In-house Projects
1	2015-16	100
2	2014-15	100
3	2013-14	100

b) Percentage of students placed for projects in organizations outside the Institution i.e. in Research laboratories /Industry /other agencies: NIL

**23. Awards/ Recognitions received by faculty and students:**

a) Awards /Recognitions received by Faculty :

S.No	Academic Year	Name of Faculty	Name of the Award
1.	2015-16	Mr.B.Ramachandraiah	Best Teacher
2.	2015-16	P.Srilakshmi	Best Pass Percentage Winner
3.	2015-16	Prof.S.Suryanarayana	Best Researcher
4.	2014-15	T.Srikanth Reddy	Best Pass Percentage Winner
5.	2014-15	D.Ramanayudu	Best Teacher
6.	2013-14	Dr.K.V Ramprasad	Best Researcher
7.	2012-13	Ms.R.Sri Vasavi	Best Teacher
8.	2012-13	R. Ramya Krishna	Best Pass Percentage Winner
9.	2011-12	Mr.T.Srikanth Reddy	Best Teacher

b) Awards /Recognitions received by Students:

A.Y.: 2015-16				
S.No.	Name of the student	Name of the event	Organized by	Name of Award
1.	Mr. K. RajaShekar	Project Expo	KSR Institute of technology	Participation
2.	Mr.T. LeelaVenkatesh	Paper presentation	Nalanda Group of Institutions	Participation



3.	Mr.U.Lakshmikanth Reddy	Paper presentation	Nalanda Group of Institutions	Participation
4.	Mr.U.Lakshmikanth Reddy	Technical Quiz	Narasaraopeta Engineering College	Participation
5.	Mr.U.Lakshmikanth Reddy	Paper presentation	Loyola Institute of Technology	Participation
6.	Mr. ZubearShaik	Paper presentation	Loyola Institute of Technology	Participation

A.Y.: 2014-15				
S.No.	Name of the student	Name of the event	Organized by	Name of Award
1.	Mr. V. Pavan Kumar	Paper presentation	Priyadharsini Engineering College	Participation
2.	Miss. P.Kavya	Paper presentation	Priyadharsini Engineering College	Participation
3.	V. Pavan Kumar	Paper presentation	Eswar Engineering College	Participation
4.	Miss. P.Kavya	Paper presentation	Eswar Engineering College	Participation
5.	V. Pavan Kumar	Paper presentation	Mittapalli Engineering College	Participation

A.Y.: 2013-14				
S.No.	Name of the student	Name of the event	Organized by	Name of Award
1.	Miss. V.Bharathi	Paper presentation	Mittapalli Institute of Technology for Womens	Participation
2.	Miss. V.Thriveni	Paper presentation	Mittapalli Institute of Technology for Womens	Participation
3.	Miss. A.Bhagyasree	Paper presentation	EVM Engineering college	Participation
4.	Miss. V.Thriveni	Poster presentation	EVM Engineering college	Participation

#### 24. List of eminent academicians and scientists/visitors to the department

S.No.	Date of Visit	Name of the Visitor	Designation & Organization	Purpose of Visit
1.	12-Feb-2015	Mr.C.G.Jeevan	Sr.HR of HGS, Bangalore	Resource person for 1 Day seminar
2.	30-jan-2015	Dr.E. Srinivasa Reddy	ANU, Dean	Resource person for 1

				Day seminar
3.	17-Oct-2014	Dr.P.Siddaiah	ANU, Principal	Resource person for 1 Day seminar
4.	14-Mar-2014	Dr.G.Umamaheswara Reddy	Professor, SV University	Resource person for 2 Day National workshop
5.	3-Mar-2013	Mr.VLN Rao	General Manager, BSNL Guntur	Event of Opening the Block in the college
6.	3-Mar-2013	Dr.G. Tulasi Ram Das	VC of JNTUK	Event of Opening the Block in the college

## 25. Seminars/ Conferences/ Workshops organized & the source of funding:

### a) National:

S. No.	Seminar/Conference/ Workshop	Date	Resource Person	Source of Funding
1	A Seminar on Trends on VLSI Design	2-Sep, 2016	Dr.T. Esther Rani Professor CVR college of Engg ,Hyd	KHIT
2	A Seminar on Latest Trends In Signal & Image Processing	6-Aug, 2016	Dr.T.Kishore Kumar	KHIT
3	A 2-Day Workshop on Emerging Trends In VLSI & Embedded Systems	17&18-Mar,2016	P.Pradeep Kumar Techzone Solutions	KHIT
4	A Guest Lecturer on Micro Controllers	20-Feb ,2016	Dr.G.UmaMaheswara Reddy Professor,SV University	KHIT
5	A Seminar on wireless and Optical communication	26-Feb,2016	Prof.Ch Subramanyam CVRCE,Hyd	KHIT
6	A Seminar on ASIC Design Using Xilinx	13-Oct, 2015	Dr.T. Esther Rani Professor CVR college of Engg ,Hyd	KHIT
7	A one -Day Workshop on Matlab & Its Applications	30-Sep,2015	Dr.K.V.Ramrasad, Mr.Padyala & Ravi Kumar	KHIT
8	A 2-Day work shop on Optical And Wireless Communications	21&22-Aug,2015	Prof.S.Suryanarayana, Prof.Ch Subramanyam CVRCE,Hyd	KHIT
9	A 2-Day Workshop on VLSI System Design	3&4-Mar,2015	P.Pradeep Kumar Techzone Solutions	KHIT

10	A Seminar on Trends In VLSI Design	20-Feb,2015	Dr.G.Umamaheswara Reddy Professor, SV University	KHIT
11	A Seminar on Trends In Communications	12-Feb,2015	Prof.K.Jeevan Prahlad	KHIT
12	A Seminar on Human Values	30-Jan,2015	Dr.E. Srinivasa Reddy	KHIT
13	A Guest Lecturer on Part of GPS in Latest Technologies	24-Oct,2015	Dr.V VenkataRao	KHIT
14	A Seminar on Wireless Sensor Networks	17-Oct,2014	Prof.Ch Subramanyam CVRCE,Hyd	KHIT
15	A 2-Day work shop on Advances In Communications	15&16-Oct,2014	Prof.S.Suryanarayana, Dr.V.V.K.V.D.Prasad RVR&JC Prof.C.Aruna Bala Prof&HOD Ravindrareddy College of Engg, Kurnool	KHIT
16	A Seminar on Trend on Micro controllers & ARM Processors	20 Aug,2014	Dr.G.UmaMaheswara Reddy, Professor, SV University	KHIT
17	A Seminar on HAM RADIO	20-April-2014	Mr.K.Jagan Mohan Rao	KHIT
18	One Day Guest lecturer on VLSI Signal Processing	6-Mar,2014	Dr.T. Esther Rani Professor CVR college of Engg ,Hyd	KHIT
19	A two day work shop on VLSI & Embedded Systems Design	3&4 Mar,2014	P.Pradeep Kumar T.Ravi Babu Techzone Solutions	KHIT
20	A Seminar on IMAGE PROCESSING	14-Mar,2014	Dr.V.V.K.DV. Prasad Professor ,GEC University	KHIT
21	A Two Day work shop on Matlab & Its Applications	27&28 Sep, 2013	Prof. K.V.Ramrasad, Dr. M.Narayana	KHIT
22	A Two Day work shop on Trends in VLSI	12&13-Sep,2013	P.Pradeep Kumar Techzone Solutions	KHIT

**b) International: NIL**

**26. Student profile programme /course wise**

Name of the Course/ Programme	Academic Year	Applications received	Enrolled			Pass percentage
			Selected	Male	Female	
B. Tech	2012-16	*	101	64	37	73%
	2011-15	*	87	57	30	68.23%
	2010-14	*	60	40	20	56.22%

\*Admissions are through EAMCET/E-CET counseling of AP State Govt.

**27. Diversity of Students:**

Name of the Course	Academic Year	% of students from the same state	% of students from other States	% of students from abroad
B.Tech	2015-16	96	4	--

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?**

S. No.	Academic Year	Name of the Competitive Exam	No of Students Cleared
1	2015-16	GRE/TOFEL/IELTS	3
2	2014-15	GRE/TOFEL/IELTS	6
3	2013-14	GRE/TOFEL/IELTS	1

**29. Student progression:**

Student progression	Against % enrolled		
	2015-16	2014-15	2013-14
UG to PG	2	7	5
PG to M.Phil.	-	-	-
PG to Ph.D.	-	-	-
Ph.D. to Post-Doctoral	-	-	-
Employed			
· Campus selection	47	37	23
· Other than campus recruitment	22	-	5
Entrepreneurship/ Self-employment	-	-	-

**30.Details of Infrastructural facilities**

- a) **Library:** Department Library contains more than 200 volumes related to the curriculum and they are made available to UG, PG students and Faculty
- b) **Internet facilities for staff and students:** Internet facility is provided in all staff rooms of ECE department.
- c) **Class rooms with ICT facility:** Yes , class rooms having ICT facility are available

Details of class rooms.

S. No	Usage	Shared/ Exclusive	Capacity (in sq.m.)
1	Class Room for IIECE-A	Exclusive	83.6
2	Class Room for IIECE-B	Exclusive	83.6
3	Class Room for IIECE-C	Exclusive	83.6
4	Class Room for III ECE-A	Exclusive	83.6
5	Class Room for III ECE-B	Exclusive	83.6
6	Class Room for III ECE-C	Exclusive	83.6
7	Class Room for IV ECE-A	Exclusive	83.6
8	Class Room for IV ECE-B	Exclusive	83.6

- d) **Laboratories:** No. of laboratories: 12

S.No.	Lab Name	Area in (sq.m)	Total Cost of Equipment ( in Lakhs)
1	Electronics Devices & Circuits Lab	166.4	7.45
2	Pulse & Digital Circuits Lab		
3	Electronic Circuit Analysis Lab		
4	Analog Communications Lab	166.4	13.55
5	Digital Communications Lab		
6	Microwave & Optical Communication Lab	166.4	6.97
7	Digital Logic Design Lab		
8	LICA Lab		
9	DSD & DICA Lab	166.4	32.45
10	Digital Signal Processing Lab		
11	Microprocessors & Microcontrollers Lab		
12	VLSI Lab		

**31. Number of students receiving financial assistance from college, university, Government or other agencies**

Agency	No. of students received financial assistance					
	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11
College	--	21	21	6	6	--
University	--	--	--	--	--	--
Government (Govt. Under Fees reimbursement)	425	385	292	179	118	36
Other agencies	--	--	--	--	--	--

**32. Details on student enrichment programmes (special lectures /workshops/Seminar) with external experts:**

S.No.	Year	Name of the Topic	Organized by	Objective
1	2014-15	Bharateeya Samskurthi	KHIT	Students are made to know about Indian culture
		Yoga Retreat	KHIT	Soundmind and health by yoga
2	2013-14	Awareness of Globalization	KHIT	Importance of globalization
		Entrepreneurship Orientation Programme	National Small Industries Corporation Ltd.	Develop creativity in students
3	2012-13	Soft skills by JKC	JKC	Develop communication skills
		Awareness program on Civil Services	KHIT	Information on civil services
4	2011-12	Art of Living	KHIT	Develop positive attitude

**33. Teaching methods adopted to improve student learning**

- Improving the learning skills by following the Outcome based Education Methodologies.
- Teaching/course Material is distributed with Outcome Base Education Standards.

- Easy way of learning by utilizing the modern Teaching aids (OHP/Videos/LCD)
- Mini Projects and Main projects are done in-house
- Motivating the students to participate in various Technical/cultural Events being organized by reputed Colleges, Industries and Governments.
- Real time exposure is attained by Industrial Visits.

### 34. Participation in Institutional Social Responsibility(ISR)and Extension

#### Activities Instructing social service attitude by conducting NSS camps

S.No.	Date	Activities	Place
1	11/5/2014	Donations for Hudhud victims	KHIT
2	14/1/2014	Swath Bharat	KHIT
3	15/10/2014	Medical camp	KHIT
4	1/11/2014	Blood donations for red cross society	KHIT
5	10/3/2015	Swatcha Bharat	Dasaripalem
6	20/10/2015	Tree Plantation by NSS students	KHIT
7	1/11/2015	Blood Donation for Needs	KHIT
8	1/11/2015	Blood Donation for GGH	KHIT
9	23/1/2016	Road safety-Time for Action	KHIT

### 35. SWOC analysis of the department and Future Plans Strengths:

- Passionate, young and enthusiastic faculty
- Well established state of the art laboratories
- Regular interaction with eminent academic persons from reputed organizations
- Preferred branch among all other available engineering streams by students for good career pursuits
- Excellent track record in student's placements.
- Infrastructural facilities are Good.

#### Weakness:

- Lack of autonomy in changing the curriculum as per industry needs
- R&D and Consultancy associated activities.
- Funded projects

**Opportunities:**

- Fast pace of Technology growth.
- Students will have lot of job opportunities in all the engineering streams as the new capital is declared, which is very near to the location of the college

**Challenges:**

- Majority students are from rural background with poor communication skills
- Meeting the rapid changes in industry requirements
- Strengthening student oriented research activities in UG level aiming to establish Best Research Department
- Aiming at University Ranks and Distinctions to improve the performance of students from rural areas.
- Providing Placements in government organizations & reputed MNCs



## Evaluative Report

### Department of Computer Science and Engineering

1. **Name of the department:** Computer Science and Engineering
2. **Year of Establishment:** 2010
3. **Names of Programmes / Courses offered:**

S. No	Name of the programme(s) offered	Intake
1.	UG : B.Tech– Computer Science and Engineering	120
2.	PG : M.Tech– Computer Science and Engineering	18

4. **Names of Inter disciplinary courses and the departments/units involved:**

S. No	Inter disciplinary Courses	Departments Involved
1.	Mathematical Foundation and Computer Science	Science & Humanities
2.	English communication practice-1,2	Science & Humanities
3.	Probability and Statistics	Science & Humanities
4.	Managerial Economics and Financial Analysis	Science & Humanities
5.	Management Science	Science & Humanities
6.	Digital Logic Design	Electronics & Communication
7.	Micro Processors and Multi-core Systems	Electronics & Communication Engineering
8.	Electronic Devices & Circuits	Electronics & Communication

5. **Annual/semester/choice based credit system(Program wise):**

- UG: B.Tech (Computer Science and Engineering) – Semester based Credit system
- PG: M.Tech (Computer Science and Engineering) – Semester based Credit system.

6. **Participation of the Department in the Courses offered by other departments:**

S. No	Courses	Courses offered to Departments
1.	Data Structures	Electronics & Communication Engineering

2.	Computer Organization and Architecture	Electrical and Electronics Engineering
3.	Computer Networks	Electronics & Communication Engineering
4.	Interactive computer Graphics	Mechanical Engineering
5.	Electrical and Electronics	Electrical and Electronics Engineering

**7. Courses in collaboration with other universities, industries, foreign institutions, etc.:** NIL

**8. Details of courses/programs discontinued (if any) with reasons:** NIL

**9. Number of teaching posts:**

Designation	Sanctioned	Filled
Professors	3	2
Associate Professors	5	5
Assistant Professors	19	20

**10) Faculty profile with name, qualification, designation, specialization,**

**(D.Sc./D.Litt./Ph.D./M. Phil. etc.):**

S. No	Name of the Staff	Qualification	Designation	Specialization	Experience (Years)
1.	Mr.B.Satyanarayana Reddy	M. Tech	Assoc. Professor	CSE	15
2.	Dr. B.Tarakeswra Rao	M. Tech., Ph. D	Professor	CSE	15
3.	Dr. Md.Umar Khan	M. Tech., Ph. D	Professor	CSE	18
4.	Mr.V. Rajiv Jetson	M. Tech	Assoc. Professor	CSE	14
5.	Mr. Ch Samsonu	M. Tech	Assoc. Professor	IT	10
6.	Mr.R.Chittibabu	M. Tech	Assoc. Professor	CSE	7
7.	Mr.P.Krishnaiah	M. Tech	Assoc. Professor	CSE	7
8.	Mr. P.Lakshmikanth	M. Tech (Ph. D)	Asst. Professor	CSE	6
9.	Mr.V.Suresh Reddy	M. Tech	Asst. Professor	CSE	6
10.	Mrs.P.Nagalakshmi	M. Tech	Asst. Professor	CSE	6
11.	Mr.B.Rama krishna	M. Tech	Asst. Professor	CSE	6
12.	Mr.G.Lakshminarayana	M. Tech	Asst. Professor	CSE	5
13.	Mr.A.Sandeep Kumar	M. Tech	Asst. Professor	CSE	4
14.	Mr.K.Kranthi Kumar	M. Tech	Asst. Professor	CS	4
15.	Mr.T.Chakravarthy	M. Tech	Asst. Professor	CSE	3

16.	Mrs.K.Sanathi	M. Tech	Asst. Professor	CSE	2
17.	Ms.S.Srilakshmparvathi	M. Tech	Asst. Professor	CSE	2
18.	Ms.G.Sudha Rani	M. Tech	Asst. Professor	CSE	2
19.	Mrs.P.Lavanya	M. Tech	Asst. Professor	CSE	1
20.	Mr.S.KrishnaReddy	M. Tech	Asst. Professor	CSE	1
21.	Mrs.M.Nirmala	M. Tech	Asst. Professor	CSE	1
22.	Mr.M.Ankamma Rao	M. Tech	Asst. Professor	CSE	1
23.	Mr.K.Srinivasa Reddy	M. Tech	Asst. Professor	CSE	1
24.	Mr.S.Srinivasa Rao	M. Tech	Asst. Professor	CSE	1
25.	Mr. K Anil Babu	M. Tech	Asst. Professor	CSE	1
26.	Ms. K Naga Mallika	M. Tech	Asst. Professor	CSE	1
27.	Mrs. R Nagasowjanya	M. Tech	Asst. Professor	CSE	1

**11. List of senior visiting faculty-NIL****12. Percentage of lectures delivered and practical classes handled (program wise by temporary faculty –NIL****13. Student-Teacher Ratio(program wise)**

- UG: B.Tech in Computer Science and Engineering- 15:1
- PG: M.Tech in Computer Science and Engineering - 12:1

**14.Number of academics support staff (technical) and administrative staff; sanctioned and filled.**

S. No	Staff designation	Sanctioned	Filled
1	Academic support staff (Technical)	7	7
2	Administrative staff	2	2

**15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/ MPhil/PG.**

S.NO	Qualification	Faculty Numbers
1	Ph.D	2
2	M.Tech	25

**16. Number of faculty with ongoing projects from funding agencies and grants received:**

- a) National: NIL
- b) International: NIL

**17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL**

**18. Research Centre /facility recognized by the University: NIL**

**19. Publications:**

a) Publication per faculty (last four years):

**National/International Journals**

**A.Y.: 2015-16**

S. No.	Title of Paper	Name of the Journal	Authors	Vol./ Issue/ PP	ISSN No.
1.	Avoid Vendor Lock-In using Virtual Adaptive Framework(VAF)	IJCA	Ch.Siva Rama Krishna, B Tarakeswara Rao, B.Satyanarayana Reddy	Volume 133 No- 1	0975- 8887
2.	Spark is superior to Map Reduce over Big Data	IJCA	Shaik Farook, G.Lakshminarayana B.Tarakeswara Rao	Volume 133 No- 1	0975- 8887
3.	Presence Cloud: Mobile Ubiquity Services using Scalable Server Architecture	IJCST	Earnest Stephen P, B.Satyanarayana Reddy B.Tarakeswara Rao	Volume 6, Issue 4	2229- 4333
4.	Secure Multi-Owner Data Sharing for Dynamic Groups using Proxy-Signature in the Cloud	IJCA	M.Siva Kishore, P.Nagalakshmi, B.Tarakeswara Rao	Volume 132 No- 15	0975- 8887
5.	Efficient K-Nearest Neighbours Discovery using Complex Secure Evaluation Function in Geo Tagged Dataset	IJCA	Kommuri Manoj, B.Tarakeswara Rao	Volume 131 No- 14	0975- 8887
6.	Privacy preserving and effective user revocation on dynamic groups using CP-ABE scheme	IJCA	M. Sravani Kumari, K. Santhi, B. Tarakeswara Rao	Volume 133 No-1	0975- 8887
7.	Validating	IJACST	V.Rajiv Jetson,	Volume	2320-

decision making software process model	G.Satyanarayanaprasad	4 No 1	2602
--	-----------------------	--------	------

**A.Y.: 2014-15**

S. No.	Title of Paper	Name of the Journal	Authors	Vol./ Issue / PP	ISSN No.
1.	Secure SOA Framework for Multi-Cloud Storage and Computing	IJCA	Megha Mayreddy, B.Tarakeswara Rao	Volume 114 No. 8	0975 – 8887
2.	Minimizes the Energy Consumption in Wireless Sensor Networks	IJARCSSE	G.Ravichandra Reddy, B.Tarakeswara Rao, B.Satyanarayana Reddy	Volume 5, Issue 1	ISSN: 2277 128X
3.	Automatic Instrumental Raaga-A Minute Observation to Find Out Discrete System for Carnatic Music	IJMUE	B.Tarakeswara Rao, M Venkata Naresh	Volume 10 No- 6	1975-0080
4.	Mining of High Dimensional Data using Efficient Feature Subset Selection Clustering Algorithm (WEKA)	IJCA	Lakshmi Sarika T, Ch. Samsonu, B.Tarakeswara Rao, B.Satyanarayana Reddy	Volume 107 No 6	0975 – 8887
5.	A System to Filter Unwanted Messages from OSN User Walls	IJSRCSA MS	Ch. Samsonu, B.Tarakeswara rao, B.Satyanarayana Reddy	Volume 3, Issue 6	2319 – 1953
6.	An Efficient Strategy for Stability Management of Cache in Ad Hoc Networks	IJARCSSE	Kelam Sarada, Gumma Lakshminarayana, B.Tarakeswara Rao, B.Satyanarayana Reddy	Volume 4, Issue 11	2277 128X
7.	Monitoring of advanced key sharing responsibility in wireless systems	IJESR	Priyanka Neela, V.Venkata rao, B.Tarakeswara Rao, B.Satyanarayana Reddy	Vol-4/Issue-11/934-939	2277-2685
8.	Safeguarding the cloud resource sharing over multi-users with mods	IJESR	Nelluri Pushpa, B.Tarakeswara Rao, B.Satyanarayana Reddy	Vol-4/Issue-10/816-821	2277-2685

	security framework				
9.	Image Steganography by Enhanced Pixel Indicator Method Using Most Significant Bit (MSB) Compare	IJCTT	Vijayaraghava Kukapalli, B.Tarakeswara rao, B.Satyanarayana Reddy	volume 15 number 3 --Sep 2014	2231-2803
10	A Case Study on Decision Process Model	IJARCSM S	V.Rajiv Jetson	Volume 2, Issue 8	2321-7782
11	Trust your cloud service provider: User based crypto model.	IJERA	S.Srilakshmi parvathi B.satyanarayana Reddy	Vol. 4, Issue 10	2248-9622

**A.Y.: 2013-14**

S. No.	Title of Paper	Name of the Journal	Authors	Vol. / Issue / PP	ISSN No.
1.	An effective utilization of resources using a novel method in cloud computing era	IICNWMC	Sk. Abdul Kareem B.Tarakeswara Rao	Volume 3 issue 4	2250-1568
2.	Software piracy control by the combination of smart card, hostid and permanent processor name with cryptography	IICSEITR	Sk. Abdul Kareem , A. Janardhana rao B.Tarakeswara Rao	Volume 2013; 3(3)	2249-6831

**National/International Conferences****A.Y.: 2015-16**

S. No.	Title of Paper	Name of the Conference	Authors	ISB N No.
1.	A Study of DNA Fragment Assembly Algorithms	NECICC-2k15	Satyanarayana Reddy Beeram , Dr.Edara Srinivasa Reddy	--

2.	An Infinitesimal Observation To Identify the Raaga for Carnatic Music	NECICC - 2K15	B.Tarakeswara Rao	--
----	---	---------------	-------------------	----

**A.Y.: 2014-15**

S. No.	Title of Paper	Name of the Conference	Authors	ISBN No.
1.	Automatic Raaga Identification System for Carnatic Music	ICAIE&T	B.Tarakeswara Rao, Ch.Siva Koteswara Rao	--

**20. Areas of consultancy and income generated**

S.No.	Client	Project title	Duration	Project value	Income Generated	Faculty involved
1	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Oct 2014 (1 month)	2.25 Lakhs	2.25 lakh	Dr.B.Tarakeswara Rao V.Venkat Rao
2	Kallam Spinning Mills Pvt. Ltd., Guntur	Networking	Aug 2015 (1 month)	2.5 Lakhs	1 lakh	Dr.B.Tarakeswara Rao B.Satyanarayana Reddy

**21. Faculty as members in**

a) National committees b) International Committees

c) Editorial Boards

**List of faculty with life time membership in Professional Bodies**

S. No	Name of the Staff	Designation	Membership
1.	Dr.B.Tarakeswara Rao	Professor	IAENG, IRED& ISTE
2.	Dr.Md.Umar Khan	Professor	IAETSD& ISTE
3.	B.Satyanarayana Reddy	Assoc. Professor	ISTE
4.	P. Lakshmi Kanth	Asst. Professor	ISTE
5.	S. Sri Lakshmi parvathi	Asst. Professor	ISTE

**22.Student projects**

a) Percentage of students who have done in-house projects including inter

**Departmental/programme:100%**

S. No	Academic Year	% of In-house Projects	
		UG	PG
1.	2013-14	100	0
2.	2014-15	100	0
3.	2015-16	100	0

**b) Percentage of students placed for projects in organizations outside the Institution  
i.e. in Research laboratories /Industry /other agencies: 100%**

S. No	Academic Year	% of outside Projects	
		UG	PG
1.	2013-2014	0	100
2.	2014-2015	0	100
3.	2015-2016	0	100

### 23. Awards/ Recognitions received by faculty and students:

**a) Awards /Recognitions received by Faculty :**

S. No	Academic Year	Name of Faculty	Name of the Award
1.	2015-16	P.Lakshmikanth	Best Teacher
2.	2014-15	V.R. Jetson	Best Teacher
3.	2013-14	Dr.B.Tarakeswara Rao	Best Paper Published
4.	2012-13	V. Venkat Rao	Best Teacher
5.	2011-12	B. Satyanarayana Reddy	Best Paper Published
6.	2011-12	Ch. Samsonu	Best Teacher

**b) Awards /Recognitions received by Students:**

Students in KHIT will always be encouraged to participate both academic as well as co-curricular & extra-curricular activities at state and national level competitions. The following list of students have participated in various events and won the prizes.

A.Y.: 2015-16				
S. No	Name of the student	Name of the event	Organized by	Name of Award
1.	Ch.Jayasree	Technical-PPT	KITS,Guntur	Participation
2.	A.Giridhar	Technical Quiz	KITS,Guntur	2nd prize
3.	A.Giridhar	Project Expo	KITS,Guntur	Participation
4.	Ch.Anusha	Technical-PPT	KITS,Guntur	Participation



5.	A.Giridhar	Poster Presentation	KITS, Guntur.	Participation
6.	A.Giridhar	Technical-PPT	KITS, Guntur.	Participation
7.	K.Lakshmi Monhar Reddy	Project Expo	KITS, Guntur.	Participation
8.	A.V.Prasanth	Technical-PPT	KITS, Guntur.	Participation
9.	M.Manisha Reddy	Technical-PPT	KITS, Guntur.	Participation
10.	G.Chandana	Technical-PPT	KITS, Guntur.	Participation

<b>A.Y.: 2014-15</b>				
<b>S. No</b>	<b>Name of the student</b>	<b>Name of the event</b>	<b>Organized by</b>	<b>Name of Award</b>
1.	N.Phani Gayathri	Paper presentation	BEC,Bapatla	Participation
2.	M.Srilakshmi	Paper presentation	BEC,Bapatla	Participation

<b>A.Y.: 2013-14</b>				
<b>S. No</b>	<b>Name of the student</b>	<b>Name of the event</b>	<b>Organized by</b>	<b>Name of Award</b>
1.	N.Phani Gayathri	Paper presentation	EVMCET, Narasaraopet	2 <sup>nd</sup> prize
2.	M. Sai Tarun	Paper presentation	GVR&S CET, Gunutr	Participation

<b>A.Y.: 2012-13</b>				
<b>S. No</b>	<b>Name of the student</b>	<b>Name of the event</b>	<b>Organized by</b>	<b>Name of Award</b>
1.	M. Srilakshmi	Throw ball	CIT, Mothadaka	Participation
2.	V. Geetha	Throw ball	CIT, Mothadaka	Participation
3.	M. Sai Tarun	Paper Presentation	KITS, Guntur	Participation

#### 24. List of eminent academicians and scientists/visitors to the department

<b>S. No</b>	<b>Date of Visit</b>	<b>Name of the Visitor</b>	<b>Designation &amp; Organization</b>	<b>Purpose of Visit</b>
1.	15-10-2011 & 16-10-2011	Prof. A.Balakrishnaiah	Back Stage Pass, game design college, Hyderabad.	Guest Lecture

2.	27-02-2012	Prof. E.Srinivasa Reddy	ANU College of Engineering, Guntur.	Invited Talk
3.	09-10-2012	Dr. M. Seetharam Prasad	K L University, Vijayawada.	Guest Lecture
4.	13-10-2012	Sri M. Pompapathy	RVR&JC College of Engineering, Chowdavaram, Guntur.	Guest Lecture
5.	27-11-2013	Prof. E.Srinivasa Reddy	ANU College of Engineering, Guntur.	Invited Talk
6.	06-01-2014	Mr. Vishal Bhargav	Head, Avalia Learning, Bangalore.	Carrier building for Future engineers
7.	06-01-2014	Mr. M.Vamsi	Synergy Services, Bangalore.	Interactive Session with students for campus placements
8.	06-01-2014	Mr. P. Balaji	Synergy Services, Bangalore.	Interactive Session with students for campus placements
9.	06-01-2014	Mr. R.Vamsi	Honey Labs	Interactive Session with students for campus placements
10.	06-01-2014	Mr. L. Vasuki	Synergy Services	Interactive Session with students for campus placements
11.	06-01-2014	Mr. V.Prasad	Synergy Services	Interactive Session with students for campus placements
12.	08-02-2014	Mr. Alluri Srinivasa	Founder, Sandhata Technologies, UK	Interactive Session with students about Building Entrepreneurs
13.	22-07-2014	Dr. K.V.S.G.Murali Krishna	JNTUK, Kakinada	Ethical values in the present Society and importance in Engineering.
14.	26-07-2014	Mr. Venna Nagarjuna	Founder, BitSight Technologies, USA	Skills required for Entrepreneurs
15.	08-10- 2014	Prof. A.Balakrishnaiah	Back Stage Pass, game design college, Hyderabad	Guest Lecture
16.	15-09-2014	Dr.G.V.R Prasada Raju	JNTUK, Kakinada	Motivation towards Building Careers
17.	15-09-2014	Mr. Cracco Paolo	Tessitura Monti India Pvt.Ltd	Interactive Session with students for Building Careers
18.	15-09-2014	Mr. S.Y Kelkar	Tessitura Monti India Pvt.Ltd	Interactive Session with students for Building Careers
19.	15-09-2014	Mr. Vijay. S	Tessitura Monti India Pvt.Ltd	Interactive Session

		Tarkos		with students for Building Careers
20.	15-09-2014	Mr. V.T.Reddy	Head-SAP,Tech Mahindra ,Bangalore.	Interactive Session with students on Latest Trends in Computing
21.	15-09-2014	Mr. Mettu Anji Reddy	MD,Marvell Infra. Bangalore.	Career building for emerging engineers
22.	24-01-2015	Mr. M.Kiran	ATC Enterprizes Pvt.Ltd, Hyderabad	Interactive Session with students for campus placements
23.	29-01-2015	Mr. Vikas KR Chowdary	HR,Akuva Infotech Pvt.Ltd. Bangalore	Interactive Session with students for campus placements
24.	13-02-2015	Mr. Shailendar Paladi	Technical Lead,IIC-Technologies, Hyderabad.	Interactive Session with students for campus placements
25.	13-02-2015	Mr. S.Ravikumar	IIC- Technologies, Hyderabad.	Seminar by the HR Personnel
26.	13-02-2015	Ms. Nirupama	Asst.Tech.Lead,IIC-Technologies, Hyderabad.	Seminar by the HR Personnel
27.	07-03-2015	Mr. Renil Komitla	Yatra Genie Paxterra Software Solutions Pvt.Ltd, Bangalore.	A seminar on Current Trends and Technologies.
28.	26-08-2015	Dr. H.Kalyan Rao	NRI Medical College, Mangalagiri	Guest Lecture
29.	26-08-2015	Mr.D.Venkata Reddy	CEO,GEMSoft Technologies	Interactive Session with students for campus placements
30.	26-08-2015	Mr.Dileep Vaka	SDE III,Flipkart, Hyderabad.	A seminar on Importance of E-Commerce
31.	23-09-2015	Mr. K.Ravi Kumar	National Manager-Technical Training,EDS Technologies, Bangalore.	Interactive Session with students for campus placements
32.	15-09-2015	Dr. M.Sridhar	RVR&JC College of Engg., Chowdavaram,Guntur.	Guest Lecture
33.	14-12-2015	Mr Sridhar Gatpa	Principal-Education & Research, Infosys, Bangalore	Interactive Session with students for campus placements
34.	19-01-2016	Mr.C.G.Jeevan	Sr.HR,HGS, Bangalore.	Interactive Session with students for campus placements
35.	19-03-2016	Mr. Amaranadh Reddy	IIT Kharagpur.	Interactive Session with students for Building Careers

**25. Seminars/ Conferences/ Workshops organized & the source of funding:****a) National:**

<b>S. No.</b>	<b>Seminar/Conference / Workshop</b>	<b>Date(s)</b>	<b>Resource Person</b>	<b>Source of Funding</b>
1.	A 5-Day Workshop on “PHP and MYSQL”	04-03-2016 to 08-03-2016	K. Shankar Mahesh, CEO,FLYWINGS GROUP.	KHIT
2.	Guest Lecture on “Computer Networks”	18-02-2016	Dr.M.Sitaramaprasad	KHIT
3.	A 2-Day Workshop on “Cloud Computing”	07-10-2015 & 08-10-2015	Sk. Mansoor Ahmed, E-Systems, Hyderabad	KHIT
4.	A 2-Day FDP on “Big Data Analytics and Hadoop”	26-09-2015 & 27-09-2015	R. Bala Bhargav N. Rajesh Reddy	KHIT
5.	An Orientation program on “Current Trends and Technologies”	15-09-2015	Dr. M. Sridhar, RVR&JC college of Engg., Guntur	KHIT
6.	An Orientation program on “Campus placements”	26-08-2015	Mr. D. Venkata Reddy, CEO, GEMSoft Technologies.	KHIT
7.	An Orientation program on “Current Trends and Technologies”	07-03-2015	Mr. Renil Komitla, Yatra Genie Paxterra Software Solutions Pvt.Ltd,	KHIT
8.	Guest lecture on “Object Oriented Analysis and Design”	08-10- 2014	Prof. A.Balakrishnaiah	KHIT
9.	A 1-Day Workshop on “How to prepare students for Technical & HR rounds”	17-09-2014	A. Ravichndra, ICareerCraft , Guntur	KHIT
10.	An Orientation program on “Latest Trends in Computing”	15-09-2014	Mr. V.T.Reddy, Tech Mahindra	KHIT
11.	A 1-Day Workshop on “Programming Skills”	23-08-2014	G.Srinivasa Rao FreelanceTrainer, Hyderabad.	KHIT

12.	A 2-Day Workshop on “Android application development”	12-07-2014 & 13-07-2014	Anshul Varma, GeeksLab Technologies, New Delhi	KHIT
13.	A 1-Day Workshop on “Data Structures and Programming Skills”	26-03-2014	G.Srinivasa Rao Freelance Trainer, Hyderabad.	KHIT
14.	An Orientation program on “Building Entrepreneurs”	08-02-2014	Mr. M.Srinivas, Manavatha	KHIT
15.	An Orientation program on “Latest Trends in Computing”	27-11-2013	Dr.M.V.P.Chandrasekhara Rao	KHIT
16.	Guest lecture on “Computer Graphics”	27-11-2013	Prof. E.Srinivasa Reddy	KHIT
17.	An Orientation program on “ How to Build the carrier for future”	14-10-2012	Dr.E.Venkateswara Reddy	KHIT
18.	Guest lecture on “Syntax Directed Translation in Compiler Design”	13-10-2012	Sri M. Pompapathy	KHIT
19.	An Orientation program on “ Computer Netporgramming”	20-08-2012	Dr.M.Sitaramaprasad	KHIT
20.	An Orientation program on “Current Trends and Technologies”	24-03-2012	Dr.A.Kalavati	KHIT
21.	An Orientation program on “Current Trends and Technologies”	20-12-2011	Dr.E.Srinivasa Reddy	KHIT
22.	Guest lecture on “Computer networking protocols”	09-10-2012	Dr. M. Seetharam Prasad	KHIT
23.	Guest lecture on “Compute Organization”	27-02-2012	Prof. E.Srinivasa Reddy	KHIT
24.	Guest lecture on “Data structures”	15-10-2011 & 16-10-2011	Prof. A.Balakrishnaiah	KHIT

**b) International: NIL**

**26. Student profile programme /course wise:**

Name of the Course/ Programme	Batch Wise(LYG)	Applications received	Enrolled			Pass percentage
			Selected	Male	Female	
UG B. Tech(CSE)	2012-16	*	41	21	20	59.45%
	2011-15	*	54	27	27	90%
	2010-14	*	60	32	18	85.7%
PG M. Tech(CSE)	2013-15	*	14	11	3	35.7%
	2012-14	*	13	5	8	61.5%

\*Admissions are through EAMCET/E-CET counseling of AP State Govt.

**27) Diversity of Students:**

Name of the Course	Academic year	% of students from the same state	% of students from other States	% of students from abroad
B.Tech	2015-16	97	3	--
M.Tech		100	0	0

**28) How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?**

S. No	Academic Year	Name of the Competitive Exam	No of Students Cleared
1.	2015-16	CMAT	01
		GRE	02
		IELTS	02
2.	2014-15	GATE/PGECET	NIL
		IELTS	01
3.	2013-14	GATE/PGECET	NIL
		GRE,TOFEL,IELTS	NIL

**29) Student progression:**

<b>Student progression</b>	<b>Against % enrolled</b>
UG to PG	6%
PG to M. Phil	NA
PG to Ph.D	NIL
Ph.D to Post-Doctoral	NIL
Employed	47%
-Campus selection	1%
-Other than campus recruitment	
Entrepreneurship/Self-employment	NIL

**30) Details of Infrastructural facilities****a) Library:**

The department has an exclusive library that contains academic text books and syllabus book copies, lecture plan, NPTEL DVDs and tutorial books along with laboratory manual copies for the staff and students usage.

**b) Internet facilities for Staff & Students:**

Wi-Fi enabled in the campus. Internet speed of 100 Mbps BSNL broad band leased line and 4 Mbps VINA VI broad band are available

**c) Classrooms with ICT Facility:**

The department is having adequate number of classrooms to conduct teaching learning process effectively with proper ventilation and ambience. There are total 7 classrooms exclusively for CSE department to conduct B.Tech and M.Tech classes.

- The department has 7 class rooms to accommodate the minimum of 72 students in each room. The size of the each room is Minimum 87.8 Sq. m.
- The department has a seminar hall which can accommodate 250 students and is equipped with a PC, internet connection, LCD and white board.

S. No.	Usage	Shared/ Exclusive	Capacity (In Sq. m.)
1	Class Room for II CSE-A	Exclusive	87.8
2	Class Room for II CSE-B	Exclusive	87.8
3	Class Room for III CSE-A	Exclusive	87.8
4	Class Room for III CSE-B	Exclusive	87.8
5	Class Room for IV CSE-A	Exclusive	87.8
6	Class Room for IV CSE-B	Exclusive	87.8
7	Class Room for I M.Tech	Exclusive	87.8

- All the classrooms are equipped with teaching aids like glass boards, students seating benches, fans, tube lights, podium for faculty.
- LCD Projectors are used in class rooms to deliver electronic class notes and to perform demos and Seminar presentations.
- The seminar hall is equipped with a multi-media projector and a Green Board.

#### d) Laboratories:

The department is provided with well established lab for all subjects and it is planned to extend in view of research and development.

No .of laboratories: 03

S. No.	Lab Name	Total Cost of Equipment ( in Rupees)
1	LAB-I	11,88,000
2	LAB-II	13,62,840
3	LAB-III	9,40,470



**31. Number of students receiving financial assistance from college, university, Government or other agencies**

Agency	No. of students received financial assistance					
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
College	06	09	13	18	20	--
University	--	--	--	--	--	--
Government (Govt. Under Fees reimbursement)	36	69	106	177	217	238
Other	--	--	--	--	--	--

**32. Details on student enrichment programmes (special lectures /workshops/Seminar) with external experts:**

S. No.	Year	Name of the Topic	Organized by	Objective
1	2014-15	Bharateeya Samskurthi	KHIT	Students are made to know about Indian culture
		Yoga Retreat	KHIT	Soundmind and health by
2	2013-14	Awareness of Globalization	KHIT	Importance of globalization
		Entrepreneurship Orientation	National Small Industries	Develop creativity in students
3	2012-13	Soft skills by	JKC	Develop communication
		Awareness program on	KHIT	Information on civil services
4	2011-12	Art of Living	KHIT	Develop positive attitude

**33. Teaching methods adopted to improve student learning**

- Using visual aids such as pictures, diagrams, flowcharts and films to complement lectures.
- Pointing out how atopic is connected to other to pick in the same course or with topics

in other disciplines.

**Lecture method:** Teaching through lectures by using blackboard as well as LCD projectors.

**Interactive method:** Teaching through conducting debates on the topics related to the subject handling.

**Project based learning:** Analyzing, designing, implementing and documenting skills of the students are improved by assigning mini-projects and full semester projects.

**Computer assisted learning:** Technical Quizzes are conducted

**Experimental learning:** The students are trained to do programming through lab experiments.

**Seminars:** The students are encouraged to take Technical seminar which is used to improve the presentations skills of the students.

#### 34. Participation in Institutional Social Responsibility(ISR)and Extension

##### Activities Instructing social service attitude by conducting NSS camps

S. No.	Date	Activity/Event	Conducted By	Venue
1	11/05/2014	DONATION FOR HUDHUD VICTIMS	KHIT	KHIT
2	14/10/2014	SWACHH BHARAT	KHIT	KHIT
3	15/10/2014	Medical Camp	KHIT	KHIT
4	01/11/2014	Blood donation for Red Cross Society	KHIT	KHIT
5	10/03/2015	SWACHH BHARAT	KHIT	DASARAPALEM
6	20/10/2015	Tree plantation	KHIT	KHIT
7	01/11/2015	Blood donation for NEEDS	KHIT	KHIT
8	01/11/2015	Blood donation for GGH	KHIT	KHIT
9	23/01/2016	Road Safety time for action	KHIT	KHIT
10	16 <sup>th</sup> to 18 <sup>th</sup> June 2016	YOGA SIBIRAM	KHIT	KHIT
11	21/06/2016	International Yoga Day	KHIT	KHIT
12	16/07/16	Inkudu Guntalu	KHIT	KHIT
13	29/07/2016	Vanam Manam Program	KHIT	KHIT
14	12 <sup>th</sup> to 23 <sup>rd</sup> Aug 2016	Volunteers for KRISHNA PUSHKARALU	KHIT	Guntur Bus stand and Vijayawada

**35. SWOC analysis of the department and Future Plans****Strengths:**

- Passionate , young and enthusiastic faculty
- Well established state of the art laboratories
- Constant interaction with eminent academicians from reputed organizations
- Preferred branch among all other available engineering streams by students for good career pursuits
- Excellent track record in students ‘ placements.
- Good infrastructural facilities

**Weakness:**

- Lack of autonomy in changing the curriculum as per industry needs
- R&D and Consultancy associated activities.
- Funded projects

**Opportunities:**

- Fast pace of Technology growth.
- Students will have lot of job opportunities in all the engineering streams as the new capital is declared, which is very near to the location of the college,

**Challenges:**

- Majority students are from rural background with poor communication skills
- Meeting the rapid changes in industry requirements
- Strengthening student oriented research activities in UG & PG level aiming to establish Best Research Department Aiming at University Ranks and distinctions  
Improve the performance of students from rural areas.
- Providing Placements in government organizations & reputed MNCs

## Evaluative Report

### Department of Science & Humanities

**1. Name of the Department:** Sciences & Humanities

**2. Year of Establishment:** 2010

**3. Names of Programmes/Courses Offered (UG)**

UG: 1<sup>st</sup> B.TECH ALL BRANCHES

**4. Names of inter disciplinary courses and the departments/units involved:**

**5. Annual/semester/Choice based credit system (Programme wise)**

S.No.	Programme	Inter Disciplinary Courses Offered By	Departments Involved
1	1 <sup>st</sup> B.Tech	Computer Programming	All
2		Electric Circuit Analysis	Electrical And Electronics
3		Network Analysis	Electrical And Communications
4		Engineering Drawing, Engineering Workshop, Engineering Mechanics	All Branches (CE,EEE,ME,ECE,CSE)
5		IT Workshop	All

**UG: B.Tech-all branches semester based credit system electives in higher Semesters**

**6. Participation of the department in the courses offered by other departments**

S.No.	Courses offered to other Departments	Name of the other Departments
1	English communication practice training and soft skills English communication and practice	Common to all branches II B.TECH IV B.TECH
2	Mathematics-M-I,M-II,&M-III,	COMMON TO ALL BRANCHES II.B.TECH-1 <sup>ST</sup> SEM(EEE)

	Complex variables and statistical methods Probability&Statistics,Mathematical foundation for computer science	II B.TECH-1 <sup>ST</sup> SEM& 2 <sup>ND</sup> SEM(CIVIL,CSE)
3	Engineering chemistry	Common to all branches
4	Engineering physics	Common to all branches
5	Engineering mechanics	Common to all branches
6	Professional ethics & human values	Common to all branches
7	Environmental studies	1 <sup>ST</sup> B.TECH -1 <sup>ST</sup> SEMESTER,(CIVIL,MECH,CSE) 2 <sup>ND</sup> B.TECH-1 <sup>ST</sup> SEMESTER(ECE) 2 <sup>ND</sup> B.TECH-2 <sup>ND</sup> SEMSTER (EEE)
8	Management sciences	III ECE (R10)-2 <sup>ND</sup> SEMESTER II ECE(R13) 2 <sup>ND</sup> SEMESTER III CSE (R13) 2 ND SEMESTER
9	Managerial economics & financial analysis	II ME(R13)-1 <sup>ST</sup> SEMESTER II CSE(R13)-1 <sup>ST</sup> SEMSTER
10	Production planning and controlling	IV ME II SEMSTER

7. **Courses in collaboration with other universities, industries, Foreign institutions, etc.: NIL**

8. **Details of courses/ programmes discontinued (if any) with reasons: NIL**

9. **Number of Teaching posts**

<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>
Professors	06	06
Associate Professors	08	08
Assistant Professors	26	26

**10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D/ M. Phil. etc.,)**

S.No	Name Of The Faculty	Qualification	Designation	Total Experience In Teaching	Specialization
1	Dr. M. Uma Sankar Reddy	PH.D	Professor	30	Maths
2	Dr..P.L.Madhav Rao	PH.D	Professor	22	MBA
3	Dr.V.Siva Rami Reddy	PH.D	Professor	18	Maths
4	Dr.Sadula Ramakrishna Reddy	PH.D	Professor	18	Chemistry
5	Dr.B Lakshmi	PH.D	Professor	16	Chemistry
6	Dr.B Anupama	PH.D	Professor	11	English
7	Mrs V L Kiranmai	M.PHIL	Assoc. Prof.	18	Physics
8	Mr Sk Anwar Basha	M.PHIL	Assoc. Prof.	15	English
9	Mrs B.Aruna	M.PHIL (PH.D)	Assoc. Prof.	12	Maths
10	Mr.P.V.Sivaji	M.PHIL	Assoc. Prof.		Maths
11	Mr.K V B Rajakumar	M.PHIL	Assoc. Prof.	12	Maths
12	Mrs.V.Revathi Devi	M.PHIL (PH.D)	Assoc. Prof.	21	Physics
13	M Srinivasa Rao	M.PHIL	Assoc. Prof.	18	Physics
14	G.V.Vijaya lakshmi	M.PHIL	Assoc. Prof.	8	Physics
15	P Inna Rao	M.SC (M.PHIL)	Asst. Professor	6	Maths
16	Mrs.P.Revathi Prasanna	M.SC (M.PHIL)	Asst. Professor	4	ES
17	Mr P Appi Reddy	M.SC	Asst. Professor	16	Chemistry
18	Mr.S.Maheswara Reddy	M.SC	Asst. Professor	6	Chemistry
19	Mrs V.V.Subhashini	M.SC	Asst. Professor	10	E.S
20	Mrs.P.Kamakshi Nagamani	M.SC	Asst. Professor	8	Maths
21	Mrs.V.Sreelakshmi	M.SC	Asst. Professor	2	Chemistry
22	O. Rajya lakshmi	M.SC	Asst. Professor	2	Chemistry
23	Mr.Daniel Dayakar	M.A	Asst. Professor	20	English

24	Mr.P.Nagaraju	M.A	Asst. Professor	10	English
25	Mr.A.Kiran Kumar	M.A	Asst. Professor	2	English
26	Mrs.A.Koteswaramma	MA	Asst. Professor	2	English
27	Mrs. C.Prathyusha	M.A	Asst. Professor	2	English
28	Mr.N.John Krupathisayam	M.A	Asst. Professor	1	English
29	Mr.P.Joseph Franchosu	M.A	Asst. Professor	6	English
30	Mr.S.Srinivasa Rao	M.A	Asst. Professor	7	English
31	Mr. Vijaya Kumar	MBA	Asst. Professor	4	MBA
32	Mrs.N.Sridevi	MBA	Asst. Professor	10	MBA
33	Mr.J.Veera Kumar	MBA	Asst. Professor	10	MBA
34	Mrs.Pula Padma Priya	MBA	Asst. Professor	3	MBA
35	Mr.Ambati Gopala Krishna Reddy	MBA	Asst. Professor	3	MBA
36	M.Narasimha Murthy	MBA(M.COM)	Asst. Professor	2	MBA
37	Mrs.Annapureddy Sandhya	MBA	Asst. Professor	2	MBA
38	Ch. Mohan narayana	MBA	Asst. Professor	2	MBA
39	Sk. Abdul Rahman	MBA	Asst. Professor	2	MBA
40	Mr.S.Kishore Babu	MBA	Asst. Professor	1	MBA

**11. List of senior visiting faculty: NIL**

**12. Percentage of lectures delivered and practical classes handled (program wise)  
By temporary faculty: NIL**

**13. Student -Teacher Ratio (programme wise)  
UG: B.Tech All Branches 15:1**

**14. Number of academic support staff (technical) and administrative staff; Sanctioned and fill**

Post	Sanctioned	Filled
Administrative Staff	2	2
Academic Support Staff(Technical)	3	3

**15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ MPhil / PG.**

S.No.	Qualification	No. Of Faculty
1	Ph.D	6
2	M.Phil	8
3	M.Tech/M.A,M.Com,M.Sc,MBA,MCA	26
4	B.Tech	NIL

**16. Number of faculty with ongoing projects from a) national b) international Funding agencies and grants received: NIL**

**17. Departmental projects funded BY DST - FIST; UGC, DBT, ICSSR, etc. and Total grants received: NIL**

**18. Research centre /facility recognized by the university: NIL**

**19. Publications: refer 3.4.3**

**a) Publication per faculty (last four years):**

**National/International Journals;**

**A.Y.: 2015-16**

S.No	Title of Paper	Name of the Journal	Authors	Vol./Issue/PP	ISSN No.
1	Arun Joshi- A Critical Appreciation	VIRTUOSO	Dr.B. Anupama	Vol.1, Issue 4,October2016	



**A.Y.: 2014-15;**

<b>S.No</b>	<b>Title of Paper</b>	<b>Name of the Journal</b>	<b>Authors</b>	<b>Vol. / Issue/ PP</b>	<b>ISSN No.</b>
1.	Ideals in partially ordered ternary semi groups	IJM STH	V. Siva Rami reddy	Vol.4(1) 1177-1194 Jan-2014	2249-5460
2.	Simple partially ordered ternary semi groups.	IOSR	V. Siva Rami reddy	Vol.9(5) 25-29 Jan-2014	2278-5728
3	Prime po ideals and semi Prime po ideals po ternary semi groups.	IJRKPA	V. Siva Rami reddy	Vol.3(4) 1-14 Jan-2014	2248-9037
4	Po filters in po ternary semi groups.	IJPAMS	V. Siva Rami reddy	Vol.9(2) 197-209 Jan-2014	0972-9828

**A.Y.: 2013-14;**

<b>S.No</b>	<b>Title of Paper</b>	<b>Name of the Journal</b>	<b>Authors</b>	<b>Vol. / Issue/ PP</b>	<b>ISSN No.</b>
1	Soft Skills- the Need of the Hour	AJMS	Dr.B. Anupama	Vol.2, Issue 7, July 2014	ISSN: 2321-8819
2	RP-HPLC Method of development for the quantification of GABAPENTIN in formulations	The EXPERIMENT	Dr.B. Lakshmi	Vol.2(1), 84-92 Aug-2012	ISSN:2319 -2119
3	RP-HPLC Method of development for the quantification of EZOGABINE in Pharmaceutical dosage forms	I.J.A.PS.BMS	Dr.B. Lakshmi	Vol.1(1), 7-14 Jan- Mar2012	ISSN:2277 -9280

4	RP-HPLC Method of development for the quantification of VISMODEGIB in formulations	Research Desk	Dr.B. Lakshmi	Vol.1(2), 50-59 Oct-Dec 2012	ISSN: 2319-7315
5	RP-HPLC Method of development for the quantification of LINAGLIPTIN in formulations	Jam online	Dr.B. Lakshmi	Vol.2(2), 155-164 Apr-2012	ISSN: 2277-1247

**National/International Conferences: NIL**

**20. Areas of consultancy and income generated**

Year	Nature of Work	Agency Address	Income Generation
2010 onwards	Soil analysis & water quality analysis	Done for the farmers living in nearby villages	<b>Social work</b>

**21. Faculty as members in**

**a) National committees**

**b) International Committees**

**c) Editorial Boards**

**List of faculty with life time membership in Professional Societies;**

S.No.	Name Of The Staff	Designation	Membership
1	Dr MUS Reddy	Professor	ISTE member
2	Dr.V.Siva Rami Reddy	Assoc. Professor	ISTE member
3	Dr.S.Rama Krishna Reddy	Assoc. Professor	ISTE member

4	P Appi Reddy	Assoc. Professor	ISTE member
5	K V B Rajakumar	Assoc. Professor	ISTE member

**Members in Editorial Boards: NIL**

**22. Student projects: NA**

**23. Awards / Recognitions received by faculty and students**

**a) Awards /Recognitions received by Faculty:**

S.No.	Academic Year	Name of Faculty	Name of the Award
1.	2015-16	Dr. B. Anupama	Best Teacher
2.	2015-16	P.Joseph Franchosu	Best Pass Percentage Winner
3.	2015-16	Dr.S.Rama Krishna Reddy	Best Researcher
4.	2014-15	V.Revathi Devi	Best Teacher
5	2014-15	B. Anupama	Best Researcher
6	2014-15	V.V.Subhashini	Best Pass Percentage Winner
7	2013-14	P.V.Shivaji	Best Teacher
8	2013-14	B.Lakshmi	Best Researcher
9	2013-14	P.Bala Swamy	Best Pass Percentage Winner
10	2012-13	V.V.Subhashini	Best Teacher
11	2012-13	Sk.Anwar Basha	Best Pass Percentage Winner
12	2011-12	B.Lakshmi	Best Teacher

**24. List of eminent academicians and scientists / visitors to the department:**

S.No.	Name Of The Academician	Designation	Organization	Purpose Of The Visit	Date
1	Dr.A.Chiranjeevi	Soft skills expertise	Medha language theatre	Guest Lecture	28/07/2016
2	Sri. Subba rao	Sub- Inspector of police	NHAI	Awareness on road safety	23/1/2016
3	Mr.Sarath	Soft skills expertise	Globarena	Workshop	4/1/2016 to 6/1/2016

4	Mr.Hanumantha Reddy	Engineer	BSNL	Guest lecture	14/10/2015
5	Dr.E.Srinivasa Reddy	Dean	ANU	Guest lecture	28/8/2015
6	Mr.Bhaskara Rao	Asst Superintendent of police	Police department	Guest lecture	21/8/2015
7	Prof.G.S. Murthy	Retd Director ,Professor	Andhra university School of Chemistry	Guest lecture	20/8/2015
8	R.J.K.Kennedy	Expert	Jawahar Knowledge centre	Workshop	6/8/2015
9	Mr.Sanjay Joshi	technical operations Head	Tarnea Technologies	Guest lecture	12/6/2015
10	T.Srinivasa Rao	ADE	TRANSCO	Guest lecture	25/3/15
11	Komitla.Renil	CEO	Paxterra	Guest lecture	8/3/2015
12	V.Nagarjuna	CEO	America Cambridge Bitsat Technologies	Guest Lecture	26/7/2014
13	Ms.Sarada Varma	CEO	Kushi infra pvt ltd	Guest Lecture	2/1/2014

## 25. Seminars/Conferences/Work shops organized & the source of funding

### a. National:

S.No.	Seminar/Conference/ Workshop	Date	Resource Person	Source of Funding
1	Induction programme for circuit branches	8 July ,2016	Mr.M. Mohan rao	KHIT
2	Induction programme for Non-circuit branches	9-July ,2016	Mr M. Mohan rao	KHIT
3	A Seminar on Semi conductor devices & circuits	27-Feb,2016	Sri.Renil Komitla	KHIT
4	A Seminar on Recent trends in Engineering Mathematics	13-Oct, 2015	Prof N.RANGANADH	KHIT

5	A Seminar on polymer composite materials	30-Sep,2015	Prof Dr.E.NAGESWARA RAO	KHIT
6	Induction programme for circuit branches	3-July ,2015	Prof E. SRINIVASA RAO	KHIT
7	Induction programme for Non-circuit branches	4-July ,2015	Prof E. SRINIVASA RAO	KHIT
8	A Seminar on Human Values	30-Jan,2015	Prof. E. SRINIVASA REDDY	KHIT
9	A Seminar on Semi conductor devices & circuits	26-Oct,2014	Dr.V.MADHURI	KHIT
7	Induction programme for Non-circuit branches	7-Sept,2014	Prof P. SIDDAIH	KHIT
7	Induction programme for circuit branches	6-Sept ,2014	Prof P. SIDDAIH	KHIT
8	A 6-Day FDP on English soft skills	3-June to8- June,2014	Dr.Y.SUNEETHA	KHIT
9	A Seminar on Super conductors	14-Mar,2014	DR.G.KRISHNA KUMARI	KHIT
10	A Seminar on Batteries and fuel cells	21-Dec,2013	PROF R.VENKATA NADH	KHIT
11	A 6-Day FDP on English Communication skills	3-June to8- June,2013	Dr.P.YAMINI	KHIT
12	Induction programme for Non-circuit branches	9-July ,2013	Dr.AMARNADH	KHIT
13	Induction programme for circuit branches	8-July ,2013	Dr.AMARNADH	KHIT
14	A 3-Day FDP on MS Word	13-Feb,To 15- Feb,2013	Prof P.KRISHNA PRASAD	KHIT
15	Induction programme for Non-circuit branches	6-Sept,2012	Prof E. SRINIVASA RAO	KHIT

16	Induction programme for circuit branches	7-Sept ,2012	Prof E. SRINIVASA RAO	KHIT
17	Induction programme for Non-circuit branches	25-Sept ,2011	M. MOHAN RAO	KHIT
18	Induction programme for circuit branches	26-Sept,2011	M. MOHAN RAO	KHIT

**b) International: NIL**

**26. Student profile programme/course wise:**

**Undergraduate Programmes (B. Tech) intake for I Year:**

Academic Year	Branches/Departments					
	CE*	EEE*	ME*	ECE*	CSE*	TOTAL*
2010-11	60	60	60	60	60	300
2011-12	60	60	60	120	60	360
2012-13	60	60	60	180	120	480
2013-14	60	60	60	180	120	480
2014-15	120	60	120	180	120	600
2015-16	120	60	120	180	120	600

\* Indicates admissions through EAMCET counseling

**27. Diversity of Students: NA**

Name of the Course	% of the Students From The Same State	% Of The Students From Other States	% Of The Students From Abroad
B.Tech	100%	--	Nil

**28. How many students have cleared national and state competitive examinations such as? NET, SLET, GATE, CIVIL SERVICES, DEFENCE SERVICES, etc - NIL**

## 29. Student progression

Student Progression		Against % Enrolled
UG TO PG		NA
PG TO M.Phil		NA
PG TO Ph.D		NA
Ph.D TO POST DOCTORAL		NA
EMPLOYED	Campus selection	NA
	Other than campus recruitment	NA
Entrepreneurship/self employment		NA

## 30. Details of Infrastructural facilities:

a) **Library:** Department Library contains more than 200 volumes related to the curriculum and they are made available to UG, PG students and Faculty

b) **Internet facilities for staff and students:** Internet facility is provided in all staff rooms of ECE department.

c) **Class rooms with ICT facility:**

Yes, class rooms with ICT facility are available

Details of class rooms.

S. No.	Usage	Shared/ Exclusive	Capacity (in sq.m.)
1	Class Room for ECE-A	Exclusive	83.6
2	Class Room for ECE-B	Exclusive	83.6
3	Class Room for ECE-C	Exclusive	83.6
4	Class Room for CSE-A	Exclusive	83.6
5	Class Room for CSE-B	Exclusive	83.6
6	Class Room for CIVIL-A	Exclusive	83.6
7	Class Room for CIVIL-B	Exclusive	83.6
8	Class Room for EEE	Exclusive	83.6
9	Class Room for MECH-A	Exclusive	83.6
10	Class Room for MECH-B	Exclusive	83.6

**d) Laboratories:****No. of laboratories: 03**

S.No.	Lab Name	Total Cost of Equipment ( in Rs.)
1	Engineering physics lab	1,80,361
2	Engineering chemistry lab	3,07,959
3	English language and communications skills	9,57,560

**31. Number of students receiving financial assistance from college, University, Government or other agencies: Fee reimbursement -NIL**

**32. Details on student enrichment programmes (special lectures/workshops/Seminar) with External experts:**

S.No.	Year	Name of the Topic	Organized by	Objective
1	2014-15	Bharateeya Samskurthi	KHIT	Students are made to know about Indian culture
		Yoga Retreat	KHIT	Soundmind and health by yoga
2	2013-14	Awareness of Globalization	KHIT	Importance of globalization
3	2012-13	Entrepreneur ship Orientation Programme	National Small Industries Corporation Ltd	Develop creativity in students
4	2011-12	Soft skills by JKC	JKC	Develop communication skills

**33. Teaching methods adopted to improve student learning**

- ❖ Self learning assignments
- ❖ Peer teaching
- ❖ Student seminars
- ❖ Counseling
- ❖ Remedial classes



**34. Participation in Institutional Social Responsibility (ISR) and Extension Activities.****NSS activities:**

S.No.	Date	Activities	Place/Village
1	11/5/2014	Donation For Hudhud Victims	KHIT
2	14/10/2014	Swatch Bharat	KHIT
3	15/10/2014	Medical Camp	KHIT
4	01/11/2014	Blood Donation For Red Cross Society.	KHIT
6	20/10/2015	Tree Plantation By NSS Students	KHIT
7	01/11/2015	Blood Donation For NEEDS	KHIT
8	01/11/2015	Blood Donation For GGH	KHIT
9	23/01/2016	Road Safety-Time For Action	KHIT

**35. SWOC analysis of the department and Future plans****Strengths:**

- ❖ Availability of qualified and experienced faculty
- ❖ Well-equipped laboratories with latest systems and required software
- ❖ Systematic monitoring of teaching-learning process
- ❖ Ability to use multimodal teaching methods
- ❖ Interdepartmental cooperation and teamwork

**Weaknesses:**

- ❖ Students lack communication skills at entry level as many of them are not exposed to English speaking environment.

**Opportunities:**

- ❖ Attitude of amicable management attracts qualified and experienced faculty by means of special pays and perks.
- ❖ Peer teaching provides a good platform in improving communication skills, personality development and boosts the morale and competitive spirit of students.
- ❖ Soft skills and related training by T & P Cell and association with Alumni grabs the opportunities to raise the employability of the students.

**Challenges:**

- ❖ Because of more number of Engineering Colleges, quality of intake is poor, especially in rural Engineering Colleges.

**Future Plans:**

- To enter into MOUs with Central Institutions and IITs
- To take up consultancy work in the area of Environmental Science, Engineering Chemistry and Engineering Physics within three years

**ANNEXURE 1**  
**DECLARATION & COMPLIANCE**  
**BY HEAD OF THE INSTITUTION**

**DECLARATION BY THE HEAD OF THE INSTITUTION**

I certify that the data included in this Self-study Report (SSR) are true to the best of my knowledge. This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Place: **KHIT**  
Date: **06-10-2016**



Signature of the Head of the institution with seal:

**Kad**  
**PRINCIPAL**  
**KALLAM HARANADHAREDDY**  
**INSTITUTE OF TECHNOLOGY**  
Chowdavaram, GUNTUR-522 019.

**CERTIFICATE OF COMPLIANCE**

(Affiliated Institutions)

This is to certify that **KALLAM HARANADHAREDDY INSITTUTE OF TECHNOLOGY** fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 6-10-2016

Place: KHIT



  
Principal

(Dr.B.S.B.Reddy)  
PRINCIPAL  
KALLAM HARANADHAREDDY  
INSTITUTE OF TECHNOLOGY  
Chowdavaram, GUNTUR-522 019.

**ANNEXURE 2**  
**AICTE APPROVAL FOR 2016-17**



**All India Council for Technical Education**  
 (A Statutory body under Ministry of MHRD, Govt. of India)  
 7th Floor, Chandralok Building, Jangpeth, New Delhi- 110 001  
 PHONE: 23724101/3/5/6/34/55/56/57 FAX: 011-23720189 www.aicte.gov.in

F.No. South-Central-251021024/2016/EOA

Date: 05-Apr-2016

To,

The Principal Secretary  
 Higher Education Govt. of Andhra Pradesh,  
 J Block, 4th Floor, Secretariat Building,  
 Hyderabad-500022

Sub: Extension of approval for the academic year 2016-17

Re: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F.No.27-S/Legal/2012 dated 27/08/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-Central	Application No.	T-251021024
Name of the Institute	KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY	Particulars to	T-251021021
Name of the Society/Trust	KALLAM ACADEMY OF EDUCATIONAL SOCIETY	Institute Address	501/50 KALLAM SPINNING MILLS LIMITED N.H.S.CHONDAVARAM, GUNTUR, GUNTUR, Andhra Pradesh, 522019
Institute Type	Unaided - Private	Society/Trust Address	WINDY 134, 1ST LANE, JINDANAR, GUMMARAGUNDA CIRCLE,GUNTUR,GUNTUR,Andhra Pradesh,522005

Consent for change from Women to Co-ed and Vice versa	No	Consent for change of name	No	Consent for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application No. T-251021024			Course	Mode	Offering Body	Intake 2015-16	Intake Approved for 2016-17	Min. Approval status	PO/PI/PA/PP/PPA Approval status	Foreign Collaboration/Twinning Program Approval status
Program	Dist.	Level	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Jawahar National Technological	18	18	NA	NA	NA

**II ATTESTED II**

Application Number: T-251021024  
 Note: This is a Computer generated Report.No signature is required.

Printed By: andhr00001

*Kad*

Page 1 of 3  
 Letter Printed On: 22 April 2016

Handwritten notes and stamps at the bottom left of the page.

**PRINCIPAL  
 KALLAM HARANADHAREDDY  
 INSTITUTE OF TECHNOLOGY  
 Chondavaram, GUNTUR-522 019.**



All India Council for Technical Education  
 (A Statutory body under Ministry of HRD, Govt. of India)  
 20, T. T. Park, Chandra Shekhar Building, Jangpore, New Delhi-110001  
 PHONE: 23224151/52/43/54/55/56/57 FAX: 011-23224150 www.aicte.org

TECHNOLOGY	UQA	UQA	TECHNICAL	TECHNICAL	TECHNICAL	TECHNICAL	TECHNICAL	TECHNICAL	TECHNICAL	TECHNICAL
ENGINEERING AND TECHNOLOGY	12	12	STRUCTURAL ENGINEERING	FULL TIME	Jawahar Naidu Technological University, Khammam	NA	NA	NA	NA	NA
ENGINEERING AND TECHNOLOGY	12	12	METALLURGICAL ENGINEERING	FULL TIME	Jawahar Naidu Technological University, Khammam	NA	NA	NA	NA	NA
ENGINEERING AND TECHNOLOGY	12	12	CIVIL ENGINEERING	FULL TIME	Jawahar Naidu Technological University, Khammam	NA	NA	NA	NA	NA
ENGINEERING AND TECHNOLOGY	12	12	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Jawahar Naidu Technological University, Khammam	NA	NA	NA	NA	NA
ENGINEERING AND TECHNOLOGY	12	12	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Jawahar Naidu Technological University, Khammam	NA	NA	NA	NA	NA
ENGINEERING AND TECHNOLOGY	12	12	ELECTRONICS & COMMUNICATION ENGINEERING	FULL TIME	Jawahar Naidu Technological University, Khammam	NA	NA	NA	NA	NA
ENGINEERING AND TECHNOLOGY	12	12	MECHANICAL ENGINEERING	FULL TIME	Jawahar Naidu Technological University, Khammam	NA	NA	NA	NA	NA
ENGINEERING AND TECHNOLOGY	12	12	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Jawahar Naidu Technological University, Khammam	NA	NA	NA	NA	NA
ENGINEERING AND TECHNOLOGY	12	12	MECHANICAL ENGINEERING	FULL TIME	Jawahar Naidu Technological University, Khammam	NA	NA	NA	NA	NA

Application Number: 1-2013/2014  
 Note: This is a Computer generated Report. No signature is required.  
 Printed By: 14/04/2014

Page 2 of 2  
 Letter Printed On: 22 April 2014

**///ATTESTED///**

*Kd*  
**PRINCIPAL**  
**KALLAM HARANADHAREDDY**  
**INSTITUTE OF TECHNOLOGY**  
 Chowdave...





*All India Council for Technical Education*  
 (A Statutory body under Ministry of HRD, Govt. of India)  
 7th Floor, Chandrasekhar Building, Jangpoh, New Delhi- 110 001  
 PHONE: 011-26724151/3033/5455/56/57 FAX: 011-30724133 www.aicte.in/aicte.org

The above mentioned approval is subject to the condition that KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

**Strict compliance of Anti-Ragging Regulation:-** Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide P. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at [www.aicte.in/aicte.org](http://www.aicte.in/aicte.org)

Dr. Avinash S Post  
 Vice - Chairman, AICTE

Copy to:

1. The Regional Officer,  
 All India Council for Technical Education  
 First Floor, old BICARD Building  
 Jawaharlal Nehru Technological University  
 Masab Tank, Hyderabad-500076
2. The Director Of Technical Education,  
 Andhra Pradesh
3. The Registrar,  
 Jawaharlal Nehru Technological University, Kakinada
4. The Principal / Director,  
 KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY  
 BEHIND KALLAM SPINNING MILLS LIMITED  
 N.H.S, CHOWDARAM,  
 GUNTUR, GUNTUR,  
 Andhra Pradesh, 522019
5. The Secretary / Chairman,  
 KALLAM ACADEMY OF EDUCATIONAL SOCIETY  
 H.NO.1-2-B, 1ST LANE, JKC NAGAR, GULLANAGUNDA CIRCLE,  
 GUNTUR, GUNTUR,  
 Andhra Pradesh, 522006
6. Guard File(AICTE)

**//ATTESTED//**

*Kdd*  
**PRINCIPAL**  
**KALLAM HARANADHAREDDY**  
**INSTITUTE OF TECHNOLOGY**  
**C:howdaram, GUNTUR-522 019.**

Application Number: 1-2913024024  
 Note: This is a Computer generated Report.No signature is required.

Printed By: 41855201

Page 5 of 5  
 Letter Printed On: 22 April 2016

**ANNEXURE 3**  
**JNTU AFFILIATION FOR 2016-17**

Grants: "TECHNOLOGY"  
Email: registrar@jntuk.edu.in



Phone: Off: 0884-2300900  
Fax: 0884-2300901

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533 003, ANDHRA PRADESH (India)  
(Established by Andhra Pradesh Act No. 89 of 2000)

Lr. No. JNTUK/DAP/B1/B. Tech/B. Pharmacy/2016-17

Date: 26.5.2016

Dr. G. V. R. Prasad Raja,  
B.E., M.E., Ph.D  
REGISTRAR

To  
The Secretary,  
A.P. State Council of Higher Education,  
Opp: Mahavir Hospital,  
Mahavir Marg, Masab Tank,  
Hyderabad – 500 028.

List - 1

Sir,

Sub: JNTU Kakinada – Academic – Grant of Temporary Renewal Affiliations to Private Engineering Colleges under the jurisdiction of JNTUK for the academic year 2016-17 – List- 1 of Approved Affiliated Colleges and particulars of intakes for inclusion in the EAMCET-16 Counseling – Reg.

Ref: 1. Applications of the concerned colleges.  
2. Fact Finding Committee Reports of the JNTUK.  
3. List of AICTE approved B. Tech/B. Pharmacy Institutions for the academic year 16-17.

\*\*\*

I am by direction, wish to inform that the process of granting Provisional/Temporary Renewal of affiliations to the B. Tech/B. Pharmacy Institutions for the academic year 2016-17, in pursuance of the AICTE list of B. Tech/B. Pharmacy Institutions under JNTUK Kakinada has been completed and the List - 1 is herewith enclosed.

I request you kindly to include the colleges in EAMCET -16 Counseling.

Yours Sincerely,

Sd/-

**//ATTESTED//** REGISTRAR

Encl: List - 1 of Colleges offering B. Tech/B. Pharmacy Courses with respective intake.

Copy to Secretary to Hon'ble Vice-Chancellor JNTUK Kakinada  
Copy to the Director, Academics & Planning, JNTUK Kakinada

1

  
PRINCIPAL  
KALLAM HARANADHAREDDY  
INSTITUTE OF TECHNOLOGY  
Chowdavaram, GUNTUR-522 019.

58	Quarter	PVC & Vijai Institute of Engineering & Technology, Repalle, Prangapatnam(M),	Co - Ed	B. Tech	ME CSE EEE ECE Civil	60 60 60 120 60	60 60 60 120 60
59	Quarter	Vignam's Nirvaha Institute of Technology & Science for Women, Pedapattakotam,	Women	B. Tech	CSE EEE ECE IT	180 120 180 120	180 120 180 120
60	Quarter	Bhargava College of Pharmacy, Repalle	Co - Ed	B. Pharmacy	B. Pharmacy	100	100
61	Quarter	Kallam Haranadhareddy Institute of Technology, NH-5, Chowdavaram,	Co - Ed	B. Tech	EEE ECE Civil ME CSE	60 180 120 120 120	60 180 120 120 120
62	Prizeexam	St. Ann's College of Engineering & Technology, Vetapalem, Chirala, Prakasam Dt.	Co - Ed	B. Tech	CSE EEE ECE ME Civil	180 120 240 120 60	180 120 240 120 60
63	Prizeexam	QIS Institute of Technology, Vengalbhayalam, Pendar Road, Oospole	Co - Ed	B. Tech	CSE ECE IT Civil ME	120 120 60 180 120	120 120 60 180 120
64	Prizeexam	St. Ann's College of Pharmacy, Neyampetillo (VA), Vetapalem (M), Chirala	Co - Ed	B. Pharmacy	B. Pharmacy	60	60
65	Prizeexam	Dr. R.M. Pharmacy College, Gasavaram, Tadipatri	Co - Ed	B. Pharmacy	B. Pharmacy	120	120

**//ATTESTED//**

*Kalyan*

**PRINCIPAL  
KALLAM HARANADHAREDDY  
INSTITUTE OF TECHNOLOGY  
Chowdavaram, GUNTUR-522 019.**

---

**ANNEXURE 4**

**APSCHE PERMISSION LETTER**

UG GO-2016-17

GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT

TECHNICAL EDUCATION – Private Un-aided / Govt. (University) Professional Institutions – Extension of approval / Variation in intake / Introduction of additional courses / 2<sup>nd</sup> Shift in existing Engineering / Pharmacy / Architecture & Town Planning Colleges for the Academic Year 2016-17 – Permission – Orders – Issued.

HIGHER EDUCATION (EC) DEPARTMENT

G.O.Rt.No.120

Dated: 30-05-2016

Read the following:-

- 1) The AICTE approvals for the year 2016-17 received through e-mail from the Regional Officer, AICTE – SCRO, Hyderabad on 09-05-2016.
- 2) From the CTE, A.P., Hyd. Letter No.E2/2957/2016, dt.12-05-2016.

--oOo--

**ORDER:**

In view of the approvals accorded by the All India Council for Technical Education, New Delhi in the reference first read above, and in the circumstances reported by the Commissioner of Technical Education, Andhra Pradesh, Hyderabad in the reference second read above, the Government hereby accord permission for Extension of Approval / Variation in intake / Introduction of additional courses / 2<sup>nd</sup> Shift in existing Engineering / Pharmacy / Architecture & Town Planning Colleges in respect of Private Un-Aided / Government (University) Professional Institutions in Under Graduate level for the Academic Year 2016-17, as shown in the Annexure-I to IX appended to this order, subject to fulfilment of conditions as stipulated by the All India Council for Technical Education and subject to obtaining affiliation from the concerned Universities.

2. The Commissioner of Technical Education, Andhra Pradesh, Hyderabad shall take necessary further action in the matter.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SUMITA DAWRA  
PRINCIPAL SECRETARY TO GOVERNMENT

To  
The Commissioner of Technical Education, A.P., Hyderabad.  
The Secretary, A.P.State Council of Higher Education, Hyderabad.  
The Registrars of Universities concerned.  
The Convener, EAMCET-2016, J.N.T.U., Kakinada.

Copy to:-  
The OSD to Hon'ble Minister(HRD)  
S/Sc.

// FORWARDED :: BY ORDER //

**//ATTESTED//**  
SECTION OFFICER

*Kdd*

PRINCIPAL  
KALLAM HARANADHAREDDY  
INSTITUTE OF TECHNOLOGY  
Chowdavaram, GUNTUR-522 019.

CP-2020-2021  
 Self Study Report  
 2020-2021

1	KALLAM ACADEMY OF EDUCATIONAL SOCIETY	ENGINEERS NG AND TECHNOLOGICAL	1st SHIF	UNDER GRADUA TE	ELECTRONICS & COMMUNICATIONS ENG	Full Time	Jawahar Lal Nehru Technological University, Kakinada	180	180	NA	NA	NA
1	KALLAM ACADEMY OF EDUCATIONAL SOCIETY	ENGINEERS NG AND TECHNOLOGICAL	1st SHIF	UNDER GRADUA TE	ELECTRICAL AND ELECTRONICS ENGINEERING	Full Time	Jawahar Lal Nehru Technological University, Kakinada	60	60	NA	NA	NA
1	KALLAM ACADEMY OF EDUCATIONAL SOCIETY	ENGINEERS NG AND TECHNOLOGICAL	1st SHIF	UNDER GRADUA TE	MECHANICAL ENGINEERING	Full Time	Jawahar Lal Nehru Technological University, Kakinada	120	120	NA	NA	NA
1	KALLAM ACADEMY OF EDUCATIONAL SOCIETY	ENGINEERS NG AND TECHNOLOGICAL	1st SHIF	UNDER GRADUA TE	CIVIL ENGINEERING	Full Time	Jawahar Lal Nehru Technological University, Kakinada	120	120	NA	NA	NA

**II ATTESTED !!**

*[Signature]*  
 PRINCIPAL  
 KALLAM HARANADHAREDDY  
 INSTITUTE OF TECHNOLOGY  
 Chowdavaram, GUNTUR-522 019.

1	KALLAM ACADEMY OF EDUCATIONAL SOCIETY	ENGINEERING AND TECHNOLOGY	1st SEM	UNDER GRADUA TE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	120	120	120	120	NA	NA	NA
2	SRI KOUNDURVA EDUCATIONAL SOCIETY	ENGINEERING AND TECHNOLOGY	2nd SEM	UNDER GRADUA TE	MECHANICAL ENGINEERING	FULL TIME	120	120	120	120	NA	Yes	NA
3	SRI KOUNDURVA EDUCATIONAL SOCIETY	ENGINEERING AND TECHNOLOGY	3rd SEM	UNDER GRADUA TE	CIVIL ENGINEERING	FULL TIME	60	60	60	60	NA	Yes	NA

**///ATTESTED///**

*K. d. g.*

**PRINCIPAL  
KALLAM HARANADHAREDDY  
INSTITUTE OF TECHNOLOGY  
Chowdavaram, GUNTUR-522 019.**



**ANNEXURE V**  
**IEQA APPLICATION**

IEQA SUBMISSION DATE-29/09/2016

## INSTITUTIONAL ELIGIBILITY FOR QUALITY ASSESSMENT(IEQA) QUESTIONNAIRE

1 COLLEGE DETAILS			
Name of the college	Kallam HarAnadhaREDDY institute of technology	Year of establishment	2010
Location of the college	RURAL		
2 ADDRESS			
Address	nh-5, behind kallam spinning mills ltd, chowdavaram-guntur, AP-522019	City	Guntur
State	Andhra Pradesh	Pin Code	522019
Website	www.khitguntur.com	E-Mail	kaesguntur@gmail.com
Phone STD Code	0863	Phone No	2119726
Fax STD Code	0863	Fax	2119404
3 HEAD OF THE INSTITUTION			
Name	Dr. B. s. b. reddy	Designation	Principal
Status of appointment	PERMANENT		
4 CONTACT DETAILS OF HEAD OF THE INSTITUTION			
Phone std code	0863	Phone number	2119726
Fax std code	0863	Fax	2119404
Mobile	+919494539972	E-Mail	bsbreddy@gmail.com
5 DOES THE COLLEGE FUNCTION FROM			
<b>a. MAIN CAMPUS</b>			
	<b>AREA OF THE CAMPUS IN ACRES</b>	<b>TOTAL BUILT UP AREA IN sq.m.</b>	
OWN BUILDINGS	10.71	20388.0	
RENTED BUILDINGS	0.0	0.0	
<b>b. SATELLITE CAMPUS</b>			
	<b>AREA OF THE CAMPUS IN ACRES</b>	<b>TOTAL BUILT UP AREA IN sq.m.</b>	
OWN BUILDINGS	0.0	0.0	
RENTED BUILDINGS	0.0	0.0	
6 NAME OF THE UNIVERSITIES TO WHICH THE COLLEGE IS AFFILIATED OR CONSTITUENT			
University1	Jawaharlal Nehru Technological University, Kakinada	Other	
Nature of relationship with the university	AFFILIATED	If affiliated, status of affiliation	TEMPORARY
University2		Other	
Nature of relationship with the university		If affiliated, status of affiliation	
University3		Other	
Nature of relationship with the university		If affiliated, status of affiliation	
7 STATUTORY PROFESSIONAL REGULATORY COUNCIL(S)			
Does the college offer any programme recognized by any Statutory Professional Regulatory Council(s)?			yes
Programmes offered		Name of the Regulatory Council(s)	AICTE
8 COLLEGE FUNCTIONING			
Type of college	CO-EDUCATION	Time of functioning	DAY COLLEGE
Nature of funding	SELF-FINANCING	Management	PRIVATE
9 MANAGEMENT/TRUST DETAILS			
Name of the Management	KALLAM ACADEMY OF EDUCATIONAL SOCIETY	Recognition under Ugc Act.1956	NEITHER 2f NOR 12B

10 MANAGEMENT/TRUST OF THE COLLEGE IS REGISTERED UNDER									
Society's registration Act of 1960	no				Relevant Act of the respective state Govt.	yes			
Any other (please specify)									
11 NUMBER OF DEGREES OFFERED BY THE COLLEGE									
UG	5				PG	3			
Research	0				Others	0			
Total	8								
12 DETAILS OF DEGREES OFFERED (B.A., M.A., B.Com., M.Com., B.Sc., M.Sc., M.Phil., Ph.D., etc.,)									
Arts					Commerce				
Science					Education				
Health Science					Engineering & Technology	B. TECH AND M. TECH			
Management					Others				
Is the college opting for Assessment & Accreditation of Teacher Education department separately?									
no									
Is the college opting for Assessment & Accreditation of Physical Education department separately?									
no									
Number of departments									
6									
13 TOTAL NUMBER OF STUDENTS (EXCLUDING THOSE IN SELF-FINANCING PROGRAMMES)									
	UG		PG		M.Phil/Ph.D		Value Added Courses (Certificate/Diploma)		
	Male	Female	Male	Female	Male	Female	Male	Female	
General	0	0	0	0	0	0	0	0	0
SC/ST	0	0	0	0	0	0	0	0	0
OBC	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0
Grand Total	0								
14 TOTAL NUMBER OF STUDENTS IN SELF-FINANCING PROGRAMMES									
	UG		PG		M.Phil/Ph.D		Value Added Courses (Certificate/Diploma)		
	Male	Female	Male	Female	Male	Female	Male	Female	
General	733	408	18	5	0	0	0	0	0
SC/ST	152	25	6	1	0	0	0	0	0
OBC	540	123	11	3	0	0	0	0	0
Total	1425	556	35	9	0	0	0	0	0
Grand Total	2025								
Total number of students in the college			2025						
15 NUMBER OF TEACHING, TECHNICAL AND ADMINISTRATIVE STAFF									
	Permanent		Temporary		Total				
	Male	Female	Male	Female	Male	Female			
Teachers with PG	105	34	0	0	105	34			
Teachers with M.Phil.	4	4	0	0	4	4			
Teachers with Ph.D	14	2	0	0	14	2			
Teachers with NET/SLET	0	0	0	0	0	0			
Technical staff	26	10	0	0	26	10			
Administrative staff	10	16	0	0	10	16			
Support staff	5	24	0	0	5	24			
Total no. of teachers	123	40	0	0	123	40			
16 SUPPORT SERVICES									
Number of titles of books					2821				
Number of journals					73				
Number of e-resources					700				
Does the college have a registered Alumni Association?					yes				
Does the college have a functional Placement Cell?					yes				
17 UNIT COST OF EDUCATION									
Unit Cost=Total annual expenditure divided by no. of students enrolled					48418.0				

Unit cost calculated excluding salary component	21478.0
<b>18 MENTION FIVE ACADEMIC MILESTONES OF THE COLLEGE</b>	
First	ESTABLISHED IN THE YEAR 2010 WITH AN INTAKE OF 300 IN UG(B.TECH IN CE, EEE, ME, ECE & CSE). AT PRESENT THE INTAKE IS 600 IN UG AND 66 IN PG.
Second	CERTIFIED ISO 9001:2015 INSTITUTION
Third	AWARDED BY CHEIF MINISTER OF ANDHRA PRADESH FOR THE BEST APP DEVELOPMENT IN THE YEAR 2014
Fourth	ENTERED INTO MOUS WITH EMINENT INDUSTRIES LIKE RAMKY, SP GROUP, EFFTRONICS ETC.
Fifth	RECOGNIZED TCS-ION TEST CENTRE(DIGITAL) FOR CONDUCTING NATIONAL LEVEL EXAMINATIONS
<b>Section 2: Institutional Data Questionnaire</b>	
1. The college has in place a structured internal quality assurance system for ensuring continuous quality monitoring or improvement	YES
2. Library has reading room facilities for students and faculty separately	YES
3. The college uses the students feedback for analysis and improvement purposes	YES
4. Basic computer literacy is ensured for all students in a structured way such as add on courses	YES
5. The college provides financial aid to at least 10% of the general category students	YES
6. The college has a mechanism for counselling students	YES
7. An annual in-house academic calendar is prepared and implemented by the college	YES
8. The college has a mechanism for addressing grievances of students and staff	YES
9. The college promotes scholarly activities of the faculty beyond the syllabus	YES
10. Internet facility is available in the college for faculty and students	YES
11. The college campus is differently-abled friendly	YES
12. The college has a formal mechanism to promote research activities of its students and faculty.	YES
13. The college has adequate sports facility	YES
14. The college has developed a short term and a long term plan for its development and growth	YES
15. Percentage of classrooms equipped with LCD projector	>50%
16. Percentage of teachers using audio-visual aids including computer-aided teaching	>40%
17. The average number of extension activities organised by the college during the last four years	>6
18. Average percentage utilization of annual allocated funds for the last four years	>75%
19. Maintenance expenditure on infrastructure as percentage of the total annual budget	2-4%
20. Average pass percentage of graduating students	50-70%
21. Computer students ratio	<1:30
22. Percentage of faculty benefitted from UGC and other staff development programmes (average of last four years)	5-10%
23. Percentage of permanent teachers with Ph.D. qualification	<20%
24. Percentage of classes taught by guest faculty or temporary teachers	<20%
25. Students teacher ratio	<30:1
26. Percentage of faculty positions filled against sanctioned posts	>80%
27. Number of add-on courses conducted by the college	>5
28. Awards received by the students in sports and cultural activities in the last four years	State or University Level
29. Percentage of teachers having on-going or completed research projects in the last four years	<10%
30. Number of academic seminars or conferences or workshops that the college has organized (average of last four years)	>4
31. Number of Journals subscribed in the library National or International	>20
32. Percentage of students admitted against the reservation category as per Government of India norms	<50%
<b>Certificate</b>	
This is to certify that the information given in the IEQA application is true to the best of my knowledge and ability and if the same is found to be false or misleading, I authorize NAAC to initiate any action which it deems fit including withholding the outcome of the Peer Team Visit.	