

Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	Dr. B. S. B. Reddy
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08632119726
Mobile no.	9121214741
Registered Email	kaesguntur@gmail.com
Alternate Email	bsbreddy@gmail.com
Address	Behind Kallam Spinning Mills Ltd.,
City/Town	NH-5, Chowdavaram, Guntur

State/UT	Andhra Pradesh																		
Pincode	522019																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr. B. Tarakeswara Rao																		
Phone no/Alternate Phone no.	08632119726																		
Mobile no.	9441045755																		
Registered Email	tarak7199@gmail.com																		
Alternate Email	iqac@khitguntur.ac.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://khitguntur.ac.in/AOAR/AOAR17-18.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://khitguntur.ac.in/examcell.php#academicalendar.php																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.20</td> <td>2017</td> <td>27-Mar-2017</td> <td>26-Mar-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.20	2017	27-Mar-2017	26-Mar-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.20	2017	27-Mar-2017	26-Mar-2022														
6. Date of Establishment of IQAC	17-Feb-2016																		
7. Internal Quality Assurance System																			

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Problem Identification, Research Methodology and Academic Writing	28-Jan-2019 2	65

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
KHIT-CIVIL-Dr. SATISH KUMAR.MOPARTHI	Financial Assistance to SeminarSymposia	SERB	2019 2	50000
KHIT-ECE-Dr. B. Anand Krishna	Financial Assistance to work shop	NAAC	2019 2	75000

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View Uploaded File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

Yes

If yes, mention the amount

75000

Year

2019

12. Significant contributions made by IQAC during the current year(maximum five bullets)

IQAC is involved in enhancing quality in academic activities and administration as follows: • Implementation of outcome based instruction and evaluation for the courses in the programmes. Standardization of internal assessment pattern for all UG / PG programmes • Effective implementation of learning management system (MOOCs, NPTEL) • IQAC has been driving the system and the processes for achieving a level of targeted Quality. All the HODs are members of the IQAC. • Each one of them would implement and monitor the processes within their departments to maintain the level of desired quality and would strive to continuously improve them. • Further they would communicate with IQAC each of the issues if any, with regard to quality and would initiate all measures to implement the strategic directives given by the IQAC. • Soft skill programmes and personality development programmes for students proposed by IQAC have helped significant increase in placements. • With the concept of Quality initiative in teaching, college has recruited many Ph.D holders as faculty. As of now 28 of faculty are Ph.D holders out of 388 total faculty. • College received seminar grants from NAAC, SERB in 20182019

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To Send SMS alert to the parents about progress of their wards.	(i) Alerts of attendance and performance are sent to the parents by SMS (ii) Communications with parents is done through SMS , letters and by phone.
To encourage staff and students Participation in seminar, workshop and conference.	(i) Faculty members attended faculty development programs to enrich knowledge in their domains. Sponsored students to participate in national level inter institution Competitions/seminars/workshop.
To provide need based Teaching	(i) Additional revisions on the topics in syllabus and practical sessions are conducted. (ii) Support from expert guest faculty from industry and academia is taken and guest lectures are arranged.
To impart Quality Education	(i) Quality of Assignments and Teaching Aids & tools are enhanced. (ii) Provision of additional Infrastructural facilities. Enhanced learning environment. (iii) Semester wise Academic Data from HODs is collected and analyzed.
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14. Whether AQAR was placed before statutory

Yes

body ?					
<table border="1"> <tr> <td>Name of Statutory Body</td> <td>Meeting Date</td> </tr> <tr> <td>Governing Body</td> <td>10-Mar-2019</td> </tr> </table>		Name of Statutory Body	Meeting Date	Governing Body	10-Mar-2019
Name of Statutory Body	Meeting Date				
Governing Body	10-Mar-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2019				
Date of Submission	25-Jan-2019				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Yes, college has Management Information System. 1. College Intranet: The following information is shared through intranet to all the teaching and non teaching staff: a. Notices and Circulars. b. Examinations Display of Internal Marks, external Marks, old question papers, Model Question papers, Invigilation duties and examination schedules. c. Digital Library Open access to all faculty and students. Digital library consists of IEEE, ASME, ASCE Journals, Digital Library Journals, Syllabus books, Lab Manuals, and other ebooks and eJournals. d. Faculty can share data on their Research Activities, through intranet. e. Weekly workload is uploaded by all the faculty members every week. f. Previous issues of KHIT Newsletters and Maxines are available on intranet. 2. Campus is connected through WiFi. 3. College Website : The following information is displayed on the college website: a. Online fees payment by students. b. Notifications, Instructions, circulars, results, Exam schedules for students are displayed on college website. c. Departmental related information is displayed under each departmental link. d. Information related to Placements, alumni, infrastructure and achievements are displayed. e. Bulk SMSs are sent to all faculties and students through siegsms,</p>				

way2sms. f. Students can select open elective subjects.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Kallam Haranadhareddy Institute of Technology (KHIT) strongly believes that quality meets SUCCESS. Hence KHIT puts in a constant effort to achieve global standards and excellence in teaching, research and consultancy by creating an environment in which the faculty and students share a passion for creating and applying knowledge to continuously improve the quality of education. The teaching, learning and evaluation schedules are strictly as per the Academic calendar notified by the JNTUK, Kakinada. The institute has well qualified, dedicated and experienced faculty. The pedagogy at KHIT provides ample opportunities for students to develop into trained and competent professionals by keeping abreast of the ever changing technologies. The traditional classroom teaching is supplemented by regular tests, tutorials, group discussions, extensive lab work, projects, seminars and industrial exposure by way of industry visits and summer training. While teaching students and keeping pace with the evolving definitions and concepts, a sincere effort is also made to cover the latest developments in each subject area. The classroom environment is congenial and makes learning proactive and the students learn a sense of team spirit, responsibility and professional integrity. It helps in building a healthy student-faculty bond, which develops students to their fullest potential and harnesses the best in the teachers. The institute and Faculty members adopt numerous policies for bridging the knowledge gap of the enrolled 'weak' students to enable them to cope with the programme of their choices as well as promote, reward and facilitate 'advanced' learners. This includes mentorship, tutorials and remedial teaching. The entire approach is student centric. The college implements a mechanism for well planned curriculum delivery, even though Syllabus revision and up gradation is done at the University level. At the beginning of each academic year, every faculty member provides a course handout to the students with individual time plans and reading lists for each course. These time plans are strictly adhered to by the faculty. The student is able to estimate what portion of the curriculum will be delivered within the stipulated time frame. As per the lesson plan mentioned in the course handout, the contents are delivered to the students and it is monitored by respective program coordinators, Heads of the Departments and members of IQAC Committee. Internal tests are conducted to evaluate the performance of students. Students regularly make present power point presentations. Continuous review of the progress of syllabus completion, performance of the students, association activities are done in the department level meetings.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
IOT(Phase II)	nil	07/05/2019	2	Employability	yes
Machine learning and	nil	27/02/2019	2	Employability	yes

it's
Applications

CMOS IC Design Using Mentor Graphics	nil	21/02/2019	2	Employability	yes
Optical Fibers and its Measurements	nil	24/01/2019	2	Employability	yes
Sales Force Cloud TrailHead	nil	13/12/2018	3	Employability	yes
Mathematical Perspective of Signals and Systems using MATLAB	nil	06/09/2018	2	Employability	yes
Assembly programming through Arduino	nil	27/08/2018	3	Employability	yes
Three Day National Level Workshop on Cyber Security	nil	05/09/2018	3	Employability	yes
Three Day National Level Workshop on Sales force cloud trial head	nil	13/12/2018	3	Employability	yes
Internet of things Fundamentals	nil	12/04/2019	3	Employability	yes
Internet of things Advanced	nil	25/02/2019	3	Employability	yes
Fluent u	nil	18/03/2019	5	Employability	yes
Earthquake Civil Engineering StructuresND T Perspective	nil	13/07/2018	2	Employability	yes
Total station	nil	20/01/2019	1	Employability	yes

A two day national seminar on geo spatial technology for environmental stability at India scenario	nil	13/03/2019	2	Employability	yes
Basic course on ACDC Drives	nil	10/12/2018	6	Employability	yes
Basics of induction motor	nil	10/12/2018	6	Employability	yes
IoT Fundamentals	nil	06/12/2018	3	Employability	yes
SCI lab	nil	10/12/2018	2	Employability	yes
Automotive Technology	nil	28/08/2018	2	Both	yes
Automotive (2 4 Four Wheeler) Foundation course	nil	10/12/2018	6	Both	yes
Design/CBT Solid Edge Foundation course	nil	10/12/2018	23	Employability	yes
IOT (Phase I)	nil	07/02/2019	2	Employability	yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Computer Architecture and Organization - C301	11/06/2018
BTech	Digital IC Applications - C308	11/06/2018
BTech	Professional Ethics & Human Values - C309	11/06/2018
BTech	OOPs through Java - C314	19/11/2018
BTech	VLSI Design - C312	19/11/2018
BTech	IPR & Patents - C323	19/11/2018
BTech	VLSI Lab - C321	19/11/2018
BTech	Unix Programming - C302	11/06/2018

BTech	Object oriented Analysis and Design using Unified Modeling Language - C303	11/06/2018
BTech	Unified Modeling Language Lab - C306	11/06/2018
BTech	Cyber Security - C314	19/11/2018
BTech	Digital Signal Processing - C314	19/11/2018
BTech	Internet Of Things - C314	19/11/2018
BTech	Robotics - C314	19/11/2018
BTech	Network Programming Lab - C315	19/11/2018
BTech	Dataware housing and mining Lab - C317	19/11/2018
BTech	Professional Ethics & Human Values - C209	06/06/2018
BTech	Management Science - C301	06/06/2018
BTech	Waste Water Management - C313	19/11/2018
BTech	Renewable Energy Sources - C302	11/06/2018
BTech	Signals and Systems - C303	11/06/2018
BTech	Power Electronic Controllers & Drives - C310	05/11/2018
BTech	Data Structures - C313	05/11/2018
BTech	Theory of Machines Lab -C306	06/11/2018
BTech	Computational Fluid Dynamics Lab-C317	19/11/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Human Computer Interaction	19/11/2018
BTech	Social Networks and Semantic Web	19/11/2018
Mtech	Sub-structure design	27/08/2018
Mtech	Repair and rehabilitation of structures	27/08/2018

Mtech	Pre-stressed concrete	11/02/2019
Mtech	Earth retaining structures	11/02/2019
Mtech	Renewable Energy Technologies	27/08/2018
Mtech	Solar Energy Technology	27/08/2018
Mtech	Advanced Automobile Engineering	11/02/2019
Mtech	Thermal Measurements & Process Controls	11/02/2019
Mtech	Software Engineering	11/02/2019
Mtech	Mobile Computing	11/02/2019
BTech	Ground Improvement Techniques	11/06/2018
BTech	Environmental Impact Assessment & Management	19/11/2018
BTech	Green Buildings	19/11/2018
BTech	Repair & Rehabilitation Of Structures	19/11/2018
BTech	Waste Water Management	19/11/2018
BTech	Unix and Shell Programming	05/11/2018
BTech	Instrumentation	11/06/2018
BTech	Electrical Distribution System	11/06/2018
BTech	Special Electrical Machines	05/11/2018
BTech	FACTS:Flexible Alternating Current Transmission Systems	05/11/2018
BTech	Energy Audit and Conversation & Management	05/11/2018
BTech	Industrial Robotics	19/11/2018
BTech	Nano-Technology	11/06/2018
BTech	Automation in Manufacturing	11/06/2018
BTech	Power Plant Engineering	19/11/2018
BTech	Non-Destructive Evaluation	19/11/2018
BTech	OOPs through JAVA	19/11/2018
BTech	Radar Systems	11/06/2018
BTech	Optical Communications	11/06/2018
BTech	Internet Of Things	19/11/2018
BTech	Software Testing Methodologies	11/06/2018

BTech	Hadoop and Bigdata	11/06/2018
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1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1911	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
EarthquakeCivil Engineering StructuresNDT Perspective	13/07/2018	111
Total station	20/01/2019	65
PEHV	05/11/2018	30
LEAP (Look for Employees in Andhra Pradesh)APITA	27/08/2018	25
CRT	26/12/2018	162
CRT	19/02/2019	50
Communication Skills Aptitude Development	26/12/2018	109
IPR Patients	11/06/2018	221
Professional Ethics Human Values	19/11/2018	221
English Communication Skills	11/06/2018	258
CRT program	19/11/2018	179
IPR Patents	19/11/2018	179
Professional Ethics Human Values	11/06/2018	189
Corporate training and placement awareness program	25/08/2018	112
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Internships	165
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes

Parents	Yes
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1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

Internal Stake holders Feedback: For continuous Curriculum improvement, feedback from all the internal stakeholders will be taken in every semester. This will be considered during the Curriculum revision and development of infrastructure. Graduate student exit survey: In order to improve and ensure the quality of Teaching Learning Process (TLP) and identify the gaps in the curriculum, Graduate student exit survey is in place enabling to improve the curriculum and design add on courses. **Alumni Feedback:** Feedback is collected from alumni by inviting them once in a year for the alumni meet. In order to bring awareness on the demands of the industries, the alumni are suggested to share their current job profile with their juniors. Department takes care of the alumni feedback by stringently following and materializing their suggestions. **Parents Feedback:** Department organizes parents meet once in every semester and tries to work on the suggestions given by the parents. Few parents are included as the members of the Anti Ragging committee for Institution. **Industry/Employer Feedback:** Once the student graduates and gets employed in an organization, Career Guidance, Training and Placement takes care of his/her employer feedback for healthy relationship with his employer. Feedback is received on various aspects of the college including location, office, canteen, laboratory, library, administration and academics. The points are calculated according to the grades given by the students in various criteria. The Average and percentage of various criteria are calculated. The strength and weaknesses mentioned by the students are summarized. The feedback taken from all the stakeholders is submitted to the Principal/Director after being collated, statistically analyzed and tabulated. The information from all the above mentioned interactions is discussed and deliberated in Academic Council meetings and General Body meetings for incorporating suggestions given by stakeholders. The obtained feedback is analysed and the action taken report is prepared and corrective actions are implemented subsequently.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	CIVIL	120	93	93
BTech	EEE	60	33	33
BTech	MECH	120	81	81
BTech	ECE	180	149	149
BTech	CSE	120	117	117
Mtech	CIVIL	24	24	24
Mtech	MECH	24	11	11
Mtech	CSE	18	8	8
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1971	72	152	11	6

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
169	169	5	32	18	5
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Counselors counsel students of poor academic performance, for their improvement in the studies. Every 20 students are mentored by one faculty and the faculty will counsel and guide by interacting with the students at regular intervals. Exclusive career guidance classes are organized by the training and placement cell every year on regular basis. • Counseling is provided to the students as a psychological support. • Weekly a period is allocated in the timetable for student counseling, students are encouraged to convey their grievances and needs more freely to the mentors • Student mentors deal with all the students having social, economic and personal problems • The Career Guidance Cell is catering to the needs of students with the following objectives • To organize programmes to create awareness on the importance of higher studies in India and abroad • To organize coaching classes for competitive exams such as CAT,GRE,GATE, Exams and to counsel them for higher studies. • To give ideas for preparing the materials for exams. • Students are given guidance for Entrepreneurship. Career Guidance Cell: 1. To organize programs to create awareness on the importance of higher studies in India and abroad 2. To organize coaching classes for competitive exams such as CAT,GRE,GATE, TNCET Exams and to counsel them for higher studies. 3.To give ideas for preparing the materials for exams. 4. Students are given guidance for Entrepreneurship.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2261	169	1 : 13

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
13	13	0	13	2

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr .K .V SUBBA REDDY	Professor	FCSRC (Fellow of computer science research council)

2018	Dr. B. Anupama	Professor	Savithri Bai Phule Best Teacher Award
2018	Dr. B. Lakshmi	Professor	Savithri Bai Phule Best Teacher Award
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	1A	I/II	03/11/2018	26/12/2018
BTech	1A	II/II	20/04/2019	19/06/2019
BTech	1A	I/III	03/11/2018	15/12/2018
BTech	1A	II/III	20/04/2019	07/06/2019
BTech	1A	I/IV	03/11/2018	03/12/2018
BTech	1A	II/IV	20/04/2019	25/05/2019
Mtech	21	I/I	15/02/2019	17/05/2019
Mtech	21	II/I	01/08/2019	02/11/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

• A student will be declared eligible for the award of the B. Tech. Degree if he Pursued a course of study for not less than four academic years and not more than eight academic years. • The candidate shall register for 180 credits and secure all the 180 credits. Distribution and Weightage of Marks • The performance of a student in each semester shall be evaluated subject - wise with a maximum of 100 marks for theory and 75 marks for practical subject. The project work shall be evaluated for 200 marks. • For theory subjects the distribution shall be 30 marks for Internal Evaluation And 70 mark for the End - Examinations. • For theory subjects, during the semester there shall be 2 tests. The weightage of Internal marks for 30 consists of Descriptive - 15, Assignment - 05 (Theory, Design, Analysis, Simulation, Algorithms, Drawing, etc. as the case may be and for Physics, Virtual Labs to be considered as Assignments) Objective 10 (Conducted at College level with 20 Multiple choice question with a weightage of ½ Mark each). The objective examination is for 20 minutes duration. The subjective examination is for 90 minutes duration conducted for 15 marks. Each subjective type test question paper shall contain 3 questions and all questions need to be answered. The Objective examination conducted for 10 marks and subjective examination conducted for 15 marks are to be added to the assignment marks of 5 for finalizing internal marks for 30. Internal Marks can be calculated with 80 weightage for best of the two Mids and 20 weightage for other Mid Exam As the syllabus is framed for 6 units, the 1st mid examination (both Objective and Subjective) is conducted in 13 units and second test in 46 units of each subject in a semester. • The end semester examination is conducted covering the topics of all Units for 70 marks. End Exam Paper: PartA 1st Question is mandatory covering all the syllabus which contains seven 2 marks questions for 14 marks with atleast 2 marks of question

for each of the six units and in PartB 4 Questions out of 6 Questions are to be answered with each carrying 14 marks. PartA, PartB put together gives for 70 marks. • For practical subjects there shall be continuous evaluation during the semester for 25 internal marks and 50 end examination marks. The internal 25 marks shall be awarded as follows: day to day work – 10 marks, Record 5 marks and the remaining 10 marks to be awarded by conducting an internal laboratory test. The end examination shall be conducted by the teacher concerned and external examiner. The end semester examination is conducted covering the topics of all Units for 70 marks. End Exam Paper: PartA 1st Question is mandatory covering all the syllabus which contains seven 2 marks questions for 14 marks with atleast 2 marks of question for each of the six units and in PartB 4 Questions out of 6

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

An academic calendar is prepared by the designated coordinator at the beginning of odd and even semester. This includes the academic activities at the college level. The draft calendar is discussed in HOD's meeting and all the suggestions which are approved in the meeting is incorporated before releasing the calendar to all departments by the principal. All the internal assessment tests are conducted centrally as per the academic calendar. Formative and summative feedback is administered as per the schedule. All other activities like Scholarship award function, Cultural programs, Games and Sports, Project Exhibition etc. are celebrated as per the plan. In case of any eventuality/emergency a particular event may be re scheduled with the permission of the head of the institution.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://khitguntur.ac.in/IOAC.php#IOACPO.php>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
01	BTech	CIVIL	107	70	65.42
02	BTech	EEE	47	36	76.6
03	BTech	MECH	100	64	64
04	BTech	ECE	167	112	65.7
05	BTech	CSE	110	73	66.36
21	Mtech	MECH	7	2	28.57
87	Mtech	CIVIL	18	11	61.11
58	Mtech	CSE	8	5	62.5

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://khitguntur.ac.in/IOAC.php#IOACSSS.php>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION**3.1 – Resource Mobilization for Research**

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Industry sponsored Projects	365	Kallam Agro Products Oils (P) LtdGuntur	350000	350000
Industry sponsored Projects	365	Kallam Spinning Mills (P) Ltd.Guntur	350000	350000
Industry sponsored Projects	365	Kallam Spinning Mills (P) Ltd. (weaving Division)Addanki	300000	300000
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Institution Innovation Council of Kallam Haranadhareddy Institute of Technology is hosted the India First Leadership Talk by Shri. Anand Mahindra, Chairman, Mahindra Group through Facebook Live. The event is launched by AICTE with the support of MHRD	ECE	08/01/2019
IPR for Students and Faculty Members	ECE	10/01/2019
INDIA FIRST LEADERSHIP TALK SERIES2 – PLANNING FOR CAREER	ECE	24/01/2019
India First Leadership Talk on Art of Decision making	ECE	19/03/2019
India First Leadership Talk on Future of Technical education in India	ECE	24/04/2019
India First Leadership Talk on Innovation for Resurgent India	ECE	22/08/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
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Project Expo	P. Bala Kishore V. Naresh	KHIT	12/09/2018	First Prize
Project Expo	P. Bala lakshman Kumar Sk. Altaf	KHIT	12/09/2018	2nd Prize
Project	K.Rohith	CIET	25/02/2019	First Prize
Poster Presentation	K.Rohith	KHIT	11/09/2018	2nd Prize
Poster Presentation	SK.Ashika	CIET	25/02/2019	First Prize
Poster Presentation	SK.Ashika	St.mary's	28/09/2018	First Prize
Project	Ch.Venkata Kalyan	VVIT	21/12/2018	First Prize
Project	Ch.Venkata Kalyan	SMCE	15/02/2019	First Prize
Project	Ch.Venkata Kalyan	CIET	25/02/2019	2nd Prize
Project	K.Hema Sai	CIET	25/02/2019	2nd Prize
Project	P.Saiteja	KHIT	11/09/2018	2nd Prize
Project	P.Saiteja	St.Mary's	28/09/2018	2nd Prize
Project	P.Saiteja	JNTUN	21/12/2018	Firsr Prize
Project	P.Saiteja	SMCE	15/02/2019	2nd Prize
Project	P.Saiteja	CIET	25/02/2019	Firsr Prize
Project	P.Saiteja	CIT	22/02/2019	2nd Prize
Project	SK.Gousjani	KHIT	11/09/2018	2nd Prize
Project	SK.Gousjani	St.Mary's	28/09/2018	2nd Prize
Project	SK.Gousjani	JNTUN	21/12/2018	Firsr Prize
Project	SK.Gousjani	SMCE	15/02/2019	2nd Prize
Project	SK.Gousjani	CIET	25/02/2019	Firsr Prize
Project	SK.Gousjani	CIT	22/02/2019	2nd Prize
Project	SK.Saida	VVIT	21/12/2018	Firsr Prize
Project	SK.Saida	CEIT	21/12/2018	2nd Prize
Project Expo	Mr.M.Venkata Sai Mr.K.Venkatesh Prasad	KHIT	12/09/2018	Firsr Prize
Project Expo	Mr.A.Thirumala Babu Mr.I.Neela Reddy	KHIT	12/09/2018	2nd Prize
Paper Presentation	Sk.Afsar	VVIT	21/12/2018	2nd Prize
Poster Presentation	J.Dinakar	VVIT	21/12/2018	Participated

Poster Presentation	T.Murali krishna	VVIT	21/12/2018	2nd Prize
Paper Presentation	R.Satya Mounika	VVIT	21/12/2018	Participated
Paper Presentation	RaY. Rakshitha Reddy	VVIT	21/12/2018	Participated
Technical Quiz	T.Saisandeep	VVIT	21/12/2018	Participated
Technical Quiz	VVK Sai Sanddep	VVIT	21/12/2018	Participated
Paper Presentation	B.Sravva	VVIT	21/12/2018	2nd Prize
Use Pencil to Your Design" SPARDHA2018	E. Bhaskar Reddy J. Venkata Sairam	VVIT Guntur ACM Student Chapter	21/07/2018	Firsr Prize
Use Pencil to Your Design" SPARDHA2018	J. Venkata Sairam	VVIT Guntur ACM Student Chapter	21/07/2018	Firsr Prize
ETHICAL HACKING AND CYBER SECURITY	S. VENKATA KRISHNA	Spyry Technologies LLP, Bangalore	12/12/2018	2nd Prize
ETHICAL HACKING AND CYBER SECURITY	Venkata Krishna	NEC	01/09/2018	2nd Prize
EVOLUTION 2019	Mr.B.Nitish Reddy	VRSEC, Organized by CSI VRSEC Student Chapter	01/03/2019	2nd Prize
EVOLUTION 2019	G.L.Subramanyam	VRSEC, Organized by CSI VRSEC Student Chapter	01/03/2019	2nd Prize
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	Orange Research Labs	ORL Industries	KHITORL	IOT	09/12/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	20

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
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NIL	0
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3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CIVIL	22	2.5
International	MECH	5	4
National	ECE	4	0
International	CSE	10	3
International	BSH	6	4
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
CIVIL	2
EEE	2
MECH	1
CSE	6
BSH	2
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
influence of effluent on soil properties	V.Rajasekhar Reddy, D.V.Siva Sankara Reddy	Journal of Geotechnical Engineering	2018	0	KHITJNTUK	0
Influence of Radiation and Soret on MHD Free Convective Flow through an Oscillatory Porous Medium with Constant suction Velocity	K. V. B. Rajakumar	International Journal of Advanced Scientific Research and Management,	2019	0	KHITJNTUK	3

in presence of Hall and Ionslip current							
NonLinear Finite Element Analysis of mild steel gusset plates	C. Ravi Kumar Reddy K.S Vivek	ICMPC	2019	3	KHITJNTUK	25	
Effect of seismic zone on retrofit of RC framed building using base isolation	C. Ravi Kumar Reddy Siva Kiran.K	IJRTE	2019	3	KHITJNTUK	25	
An Exper imental Study on Properties of Wollast onite Cement Concrete - A Model Study	M. Raja Kumari, C. Ravi Kumar Reddy and M. Satish Kumar	Internat ional Journal of Scientific Research	2018	3	KHITJNTUK	25	
influence of effluent on soil properties	V.Rajase khar Reddy, K.Kowshik	Journal of Geotech nical Engi neering	2018	0	KHITJNTUK	0	
Soil Int eraction of Building Frame Resting on Dense Sand: Effect of Change of Bay Length	C. Sumitha, C. Ravi Kumar Reddy and M. Satish Kumar	Internat ional Journal of Scientific Research	2018	3	KHITJNTUK	25	
Numerical analysis of rectang ular	Ravi Kumar Reddy C,M. Satish Kumar,	Internat ional Journal of Civil Engi neering	2018	3	KHITJNTUK	25	

combined footings resting on soil for contact pressure	Kondala Rao. M and Gopika. N	and Technology				
An experimental approach to raise the irrigation standards for improving crop productivity and environmental management by using Geo Spatial technology A model study	M.Satish Kumar	International Journal of Scientific Research	2018	2	KHITJNTUK	25
Enhancement of Soil Properties Using Robosand	V.Rajasekhar Reddy, D.V.Siva Sankara Reddy	Journal of Geotechnical Engineering	2018	0	KHITJNTUK	0
Numerical Analysis of Rectangular Combined Footings Resting on Soil for Contact Pressure	Ravi Kumar Reddy C,M. Satish Kumar, Kondala Rao. M and Gopika. N	International Journal of Civil Engineering and Technology	2018	3	KHITJNTUK	25
A comprehensive report on ground water quality management by using geo spatial technology - A model study	M.Satish Kumar	International Journal of Civil Engineering and Technology	2018	3	KHITJNTUK	25

An investigative study on water quality distribution in the zones of municipal corporation using remote sensing and GIS applications	M.Satish Kumar	International Journal of Civil Engineering and Technology	2018	7	KHITJNTUK	25
An experimental study on properties of wollastonite cement concrete - a model study	M.Satish Kumar	published in International Journal of Scientific Research	2018	3	KHITJNTUK	25
Soil Interaction of building frame resting on dense sand: Effect of change of bay length	C. Sumitha, C. Ravi Kumar Reddy and M. Satish Kumar	International Journal of Scientific Research	2018	3	KHITJNTUK	25
Use of PolyCom Stabilized Fly Ash As An Alternative To Sub Grade Soil	D.V.Siva Sankara Reddy, E.Anusha, Dr.M.Chittaranjan, Prof.K.Ramu	International Conference on Recent Trends in Engineering, Materials, Management and Sciences ICRTEMMS	2018	0	KHITJNTUK	0
Investigation of Chitosan BioPolymer Effect on the Geotechnical Properties	D.V.Siva Sankara Reddy, K. Kowshik, M. Jugal Kishor	International Conference on Recent Trends in Engineering, Materials,	2018	0	KHITJNTUK	0

of an Expansive Soil		Management and Sciences ICRTEMMS				
Effect of Seismic Zone and Soil Type on Linear Time History Behaviour of RC Framed Building	K.Siva Kiran, D.V.Siva Sankara Reddy, H.Teja Kiran Kumar, V.Rajendra Kumar	Internat ional Conference on Recent Advances in Civil and Mechanical Engineerin g Practices	2018	0	KHITJNTUK	0
Effect of Seismic Zone and Soil Type on Linear Time History Behaviour of RC Framed Building	K.Siva Kiran, D.V.Siva Sankara Reddy, H.Teja Kiran Kumar, V.Rajendra Kumar	Internat ional Conference on Recent Advances in Civil and Mechanical Engineerin g Practices	2018	0	KHITJNTUK	0
Effect of PolyCom Admixture on Geotech nical Properties of Block Cotton Soil	D.V.Siva Sankara Reddy	Internat ional Conference on Recent Advances in Civil and Mechanical Engineerin g Practices	2018	0	KHITJNTUK	0
Enhancem ent of Soil Properties by Using Fly Ash and Metakaolin	D.V.Siva Sankara Reddy, K.Kowshik, M.Jugal Kishore	Proceedi ngs of the Internatio nal Conference on Recent Advances in Civil and Mechanical Engineerin g Practices	2018	0	KHITJNTUK	0
Performa nce Evaluation of Stone Column Installed	D.V.Siva Sankara Reddy, Dr. M.Chittara njan, Dr.C.Ravi	Proceedi ngs of the Internatio nal Conference on	2018	0	KHITJNTUK	0

Soft GroundA Parametric Study with Numerical Investigation	Kumar Reddy, K.Kowshik	Emerging Trends on Engineerin g Sciences, Technology and Management				
Evaluation of the Behaviour of GeoSynt hetic Reinforced Soil Wall with Improved Soil as Backfill	D.V. Siva Sankara Reddy, Ch.Gopal Reddy, M.Jugal Kishore, K.Kowshik	Proceedi ngs of the Internatio nal Conference on Emerging Trends on Engineerin g Sciences, Technology and Management	2018	0	KHITJNTUK	0
Analyzing Strength C haracteris tics of Self Compacting Concrete by Using Hair Fibre as a Partial Re placement of Cement	P.Sai Mahesh Reddy,D.V. Siva Sankara Reddy, M.Jugal Kishore, K.Siva Kiran	Proceedi ngs of the Internatio nal Conference on Emerging Trends on Engineerin g Sciences, Technology and Management	2018	0	KHITJNTUK	0
Fabricat ion and im plementati on of an RFID based giant wheel type multilevel automatic car parking system	Dr. Ch.S rinivasa Rao	IJSRD	2019	0	KHITJNTUK	0
Performa nce Analysis of Dual Biodiesels of Pongamia and Cotton	Dr.SCV Ramana Murty Naidu Mr.V .Nageswara Rao	IJET	2019	0	KHITJNTUK	0

Seed Oils and Numerical Analysis of BTE and BSFC						
Automatic Motorized shopping Trolley with IR sensor	Mr.Y.Ravikishore	IJRAR	2019	0	KHITJNTUK	0
Experimental Investigation of Mechanical Properties of Pure AlSiC Metal Matrix Composite by Stir Casting Method	Mr.D.Srinivasulu Dr.SCV Ramana murty naidu	IJETT	2018	0	KHITJNTUK	0
Heat transfer and friction factor investigations of CuO nanofluid flow in a double pipe U bend heat exchanger	Mr.V.Nageswara Rao	ScienceDirect Materials Today: Proceedings 18 (2019) 207-218	2019	0	KHITJNTUK	0
Steganography using wavelet transforms for secured data transmission.	Dr.S.Suryanarayana	International journal of advancement in engineering technology,	2019	0	KHITJNTUK	0
Steganography using wavelet transforms for secured	Dr.K.V.Ram Prasad	International journal of advancement in engineering technology,	2019	0	KHITJNTUK	0

data trans mission.						
An FPGA for Machine Learning Applications	B.Ramchandraiah	International Journal of Scientific Engineering Research	2019	0	KHITJNTUK	0
Cash Note With High Performance Security	Kolakaluri Srinivasa Rao,	International Journal of Applied Research in Bioinformatics	2019	0	KHITJNTUK	0
Cash Note With High Performance Security	Lingamallu Naga Srinivasu,	International Journal of Applied Research in Bioinformatics	2019	0	KHITJNTUK	0
Implementation of Image Contrast Enhancement using Svd, Dwt and Fuzzy Measures	K.V.V.Kumar	International Journal of Engineering Research and Application	2019	0	KHITJNTUK	0
Implementation of Image Contrast Enhancement using Svd, Dwt and Fuzzy Measures	G.Chandra Reddy	International Journal of Engineering Research and Application	2019	0	KHITJNTUK	0
A Dynamic Hierarchical Load Balancing Service Architecture for Cloud Data Centre Virtual Machine Migration, Volume 104, Issue1,	Dr. K. Venkata Subba Reddy	Smart Innovation, Systems and Technologies (Smart Intelligent Computing and Applications Proceedings of the Second International Conference on SCI	2018	1	KHITJNTUK	1

Pp: 918		2018, Volume 1)				
Elegant Energy Competent Lighting in Green Buildings Based on Energetic Power Control Using IoT Design	Dr.B. Tarakeswara Rao	Smart Innovation, Systems and Technologies (Smart Intelligent Computing and Applications Proceedings of the Second International Conference on SCI 2018, Volume 1)	2018	0	KHITJNTUK	0
Automatic Detection of Multiple Brain Tumors using Rough Fuzzy Sets	Mr. B. Srikanth	International Journal of Research and Analytical Reviews (IJRAR), Volume 06, Issue 1	2019	0	KHITJNTUK	0
Evaluation of Fault Tolerant MinMax Load Balancing Algorithm in Grid Computing, Volume.6, Issue.7 / pp.13311337	Mr. K. Srinivasa Reddy	International Journal of Computer Sciences and Engineering.	2018	0	KHITJNTUK	0
Evaluation of Fault Tolerant MinMax Load Balancing Algorithm in Grid Computing, Vol 06/ Issue07/ p	Mr.G. Mahesh Reddy	International Journal of Computer Sciences and Engineering.	2018	0	KHITJNTUK	0

p.13311337						
Evaluation of Fault Tolerant MinMax Load Balancing Algorithm in Grid Computing, Vol 06/ Issue07/ p p.13311337	Mr. G. Lakshmi Naraya	International Journal of Computer Sciences and Engineering.	2018	0	KHITJNTUK	0
New Substructure based on regularized clustering functions	Mr. B. Rama Krishna	1st International Conference on Technological Emerging Challenges (ICTEC2019) International Journal of Research in Advent Technology , Special issue	2019	0	KHITJNTUK	0
New Substructure based on regularized clustering functions	Mr. S. Krishna Reddy	1st International Conference on Technological Emerging Challenges (ICTEC2019) – International Journal of Research in Advent Technology , Special issue	2019	0	KHITJNTUK	0
Smart Home Using Internet of Thing (IoT)	Mr. K. Kranthi Kumar	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ICRTA18,	2019	0	KHITJNTUK	0

		Volume8, Issue6S3				
Smart Home Using Internet of Thing (IoT)	Mr. G. Mahesh Reddy	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ICRTA18, Volume8, Issue6S3	2019	0	KHITJNTUK	0
Influence of Hall and IonSlip Current on SpanWiseco sinusoidal ly Fluctua ting MHD Free Convective Fluid Flow Past an Inclined Porous Plate with Chemical Reaction and Soret Effect	K. V. B. Rajakumar	International Journal of Advanced Scientific Research and Manage ment,	2019	0	KHITJNTUK	4
Chemical reaction and Viscous Di ssipation effects on MHD free convective RivlinEric ksen fluid flow past a semiinfi nite stationary vertical porous plate with radiation absorption	K. V. B. Rajakumar	International Journal of Creative Research Thoughts	2018	0	KHITJNTUK	4
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NonLinear Finite Element Analysis of mild steel gusset plates	C. Ravi Kumar Reddy K.S Vivek	ICMPC	2019	3	0	KHITJNTUK
Effect of seismic zone on retrofit of RC framed building using base isolation	C. Ravi Kumar Reddy Siva Kiran.K	IJRTE	2019	3	0	KHITJNTUK
An Experimental Study on Properties of Wollastonite Cement Concrete - A Model Study	M. Raja Kumari, C. Ravi Kumar Reddy and M. Satish Kumar	International Journal of Scientific Research	2018	3	0	KHITJNTUK
Soil Interaction of Building Frame Resting on Dense Sand: Effect of Change of Bay Length	C. Sumitha, C. Ravi Kumar Reddy and M. Satish Kumar	International Journal of Scientific Research	2018	3	0	KHITJNTUK
Numerical analysis of rectangular combined footings resting on soil for contact pressure	Ravi Kumar Reddy C,M. Satish Kumar, Kondala Rao. M and Gopika. N	International Journal of Civil Engineering and Technology	2018	7	0	KHITJNTUK
An exper	M.Satish	Internat	2018	7	0	

imental approach to raise the irrigation standards for improving crop productivity and environmental management by using Geo Spatial technology A model study	Kumar	ional Journal of Scientific Research					KHITJNTUK
Numerical Analysis of Rectangular Combined Footings Resting on Soil for Contact Pressure	Ravi Kumar Reddy C,M. Satish Kumar, Kondala Rao. M and Gopika. N	International Journal of Civil Engineering and Technology	2018	7	0		KHITJNTUK
A comprehensive report on ground water quality management by using geo spatial technology - A model study	M.Satish Kumar	International Journal of Civil Engineering and Technology	2018	7	0		KHITJNTUK
An investigative study on water quality distribution in the zones of municipal corporation using remote sensing and GIS ap	M.Satish Kumar	International Journal of Civil Engineering and Technology	2018	7	0		KHITJNTUK

plications						
An experimental study on properties of wollastonite cement concrete - a model study	M.Satish Kumar	published in International Journal of Scientific Research	2018	7	0	KHITJNTUK
Soil Interaction of building frame resting on dense sand: Effect of change of bay length	C. Sumitha, C. Ravi Kumar Reddy and M. Satish Kumar	International Journal of Scientific Research	2018	7	0	KHITJNTUK
Enhancement of Soil Properties Using Robosand	V.Rajasekhar Reddy, D.V.Siva Sankara Reddy	Journal of Geotechnical Engineering	2018	0	0	KHITJNTUK
influence of effluent on soil properties	V.Rajasekhar Reddy, D.V.Siva Sankara Reddy	Journal of Geotechnical Engineering	2018	0	0	KHITJNTUK
influence of effluent on soil properties	V.Rajasekhar Reddy, K.Kowshik	Journal of Geotechnical Engineering	2018	0	0	KHITJNTUK
Use of PolyCom Stabilized Fly Ash As An Alternative To Sub Grade Soil	D.V.Siva Sankara Reddy, E.Anusha, Dr.M.Chittaranjan, Prof.K.Ramu	International Conference on Recent Trends in Engineering, Materials, Management and Sciences ICRTEMMS	2018	0	0	KHITJNTUK
Investigation of Chitosan	D.V.Siva Sankara Reddy, K.	International Conference	2018	0	0	KHITJNTUK

BioPolymer Effect on the Geotechnical Properties of an Expansive Soil	Kowshik, M. Jugal Kishor	on Recent Trends in Engineering, Materials, Management and Sciences ICRTEMMS				
Effect of Seismic Zone and Soil Type on Linear Time History Behaviour of RC Framed Building	K.Siva Kiran, D.V.Siva Sankara Reddy, H.Teja Kiran Kumar, V.Rajendra Kumar	International Conference on Recent Advances in Civil and Mechanical Engineering Practices	2018	0	0	KHITJNTUK
Effect of Seismic Zone and Soil Type on Linear Time History Behaviour of RC Framed Building	K.Siva Kiran, D.V.Siva Sankara Reddy, H.Teja Kiran Kumar, V.Rajendra Kumar	International Conference on Recent Advances in Civil and Mechanical Engineering Practices	2018	0	0	KHITJNTUK
Effect of PolyCom Admixture on Geotechnical Properties of Block Cotton Soil	D.V.Siva Sankara Reddy	International Conference on Recent Advances in Civil and Mechanical Engineering Practices	2018	0	0	KHITJNTUK
Enhancement of Soil Properties by Using Fly Ash and Metakaolin	D.V.Siva Sankara Reddy, K.Kowshik, M.Jugal Kishore	Proceedings of the International Conference on Recent Advances in Civil and Mechanical Engineering Practices	2018	0	0	KHITJNTUK
Performa	D.V.Siva	Proceedi	2018	0	0	

nce Evaluation of Stone Column Installed Soft GroundA Parametric Study with Numerical Investigat ion	Sankara Reddy, Dr. M.Chittara njan, Dr.C.Ravi Kumar Reddy, K.Kowshik	ngs of the Internatio nal Conference on Emerging Trends on Engineerin g Sciences, Technology and Management				KHITJNTUK
Evaluation of the Behaviour of GeoSynt hetic Reinforced Soil Wall with Improved Soil as Backfill	D.V. Siva Sankara Reddy, Ch.Gopal Reddy, M.Jugal Kishore, K.Kowshik	Proceedi ngs of the Internatio nal Conference on Emerging Trends on Engineerin g Sciences, Technology and Management	2018	0	0	KHITJNTUK
Analyzing Strength C haracteris tics of Self Compacting Concrete by Using Hair Fibre as a Partial Re placement of Cement	P.Sai Mahesh Reddy,D.V. Siva Sankara Reddy, M.Jugal Kishore, K.Siva Kiran	Proceedi ngs of the Internatio nal Conference on Emerging Trends on Engineerin g Sciences, Technology and Management	2018	0	0	KHITJNTUK
Performa nce Evaluation of PV Wind COGenerati on Based M ultiPurpos e STATCOM for Power Quality En hancement Using FuzzyLogic Controller	Dr. L. Shanmukha Rao	IPACT	2019	0	0	KHITJNTUK
	Dr. L.	IPACT	2019	0	0	

Realization of Novel MultiFeeder UPQC for Power Quality Enhancement using proposed Hybrid FuzzyPI Controller	Shanmukha Rao					KHITJNTUK
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	5	26	0	0
Presented papers	31	23	0	0
Resource persons	0	3	1	7

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Republic day celebrations	JNTUK, Kakinada	1	5
Youth parliament	Nehru yuvakendram	1	15
One week special program	KHIT NSS Volunteers	4	100
Blood donation camp	Government Hospital, Tenali Needs Blood Bank, Guntur	5	200
Voter Enrollment Awesomeness Program	Election commissioner District Collector Office, Guntur	5	100
First Aid learning Program	Government Hospital Association with IRC ISA	4	100
Personality Development Workshop	VivekaBarathi Guntur	2	60
Say no to bad	International	4	100

habitssave the youth Rally	Society for Krishna Consciousness, Guntur		
Eye Awareness Medical Program	Sankar Eye Hospital, Guntur	3	150
Independence day celebrations	JNTUK, Kakinada	1	5
5K Run	Fest samachar Guntur Municipal Corporation	3	70
Kargil Vijay divas	The ExService Men Coordination Committee, Guntur	3	75
Yoga on the occasion of Guru Pournami	Pathanjali Yoga Samithi, Guntur.	20	100
Organs donation	Government Hospital Association with MEPMA, Guntur	5	100
Mega Medical Camp	Kallam Society, Guntur	4	70
Yoga Day	Pathanjali Yoga Samithi, Guntur.	20	100
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Swachh Bharat	First ,Second Third Prize	KHIT	100
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat	KHIT	Swachh Bharat	3	100
View File				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Journal Publication	Dr. C. Ravi Kumar Reddy, KHIT K. Vivek, VVIT	NIL	2019
Journal Publication	D.V.Siva Sankara Reddy, KHIT	NIL	2018

	E.Anusha, AEE (GUNTUR) Dr.M. Chittaranjan, SVU		
Journal Publication	Dr. C. Ravi Kumar Reddy, KHIT Dr. M. Chittaranjan, SVU	NIL	2018
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Govt. of A.P	Internship	RB Department Tenali	13/05/2019	13/06/2019	4
Industry	Internship	KDM India Pvt Ltd, Guntur	13/05/2019	12/06/2019	8
Internship training	IndustryIn stitute Interaction	Telangana State power generation corporation limited	12/11/2019	24/11/2019	5
Internship training	IndustryIn stitute Interaction	SC Railway ,Vijayawada	12/11/2019	24/11/2019	23
Internship training	IndustryIn stitute Interaction	Andhraprad esh State power generation corporation limited	12/11/2019	24/11/2019	10
Industrial visits	IndustryIn stitute Interaction	Telangana State power generation corporation limited	23/02/2018	23/02/2018	55
Internship	IndustryIn stituteInter action	Hindustan shipyard Ltd., Visakh apatnam	21/05/2018	22/06/2018	4
Internship	IndustryIn stituteInter action	South Central Railway, Vijayawada	14/05/2018	14/06/2018	5
Internship	IndustryIn stituteInter action	Defence and RD Organ isation, Rese	04/06/2018	21/06/2018	4

		arch Centre Impart, HYDE RABAD500069			
Internship	IndustryIn stituteInter action	Saripudi Automotives Private Limi ted, Guntur	03/06/2019	17/06/2019	3
Internship	IndustryIn stituteInter action	South Central Railway, Vijayawada	03/06/2019	17/06/2019	6
Internship	IndustryIn stituteInter action	Automotive Manufactures Pvt.Ltd., Vij ayawada	13/05/2019	12/06/2019	1
Internship	IndustryIn stituteInter action	Kallam Spinning mills LtdGuntur	13/05/2019	12/06/2019	10
Internship	IndustryIn stituteInter action	Kallam Spinning mills Ltd(Textile division)Add anki	13/05/2019	12/06/2019	10
Internship	IndustryIn stituteInter action	Kallam Agro oils pvt.Ltd. LtdGuntur	13/05/2019	12/06/2019	5
Project Work	IndustryIn stituteInter action	Aarshadhaatu Green Nanote chnologies India Pvt.Lt d. Guntur	19/12/2018	18/01/2019	4
Internship	Industry Institute interaction	BSNL	13/05/2019	08/06/2019	5
Internship	Industry Institute interaction	BHEL	11/06/2018	13/06/2018	2
Job Training	APSSDCTrai ning	APSSDC	12/02/2019	27/02/2019	193
Career Guidance and Job Training	Training /Internship	PEARL Techno Soft	02/07/2018	04/07/2018	60
Industry	Training /Internship	SPYRY TECHNOLOGIES LLP, Bangalore	02/09/2018	05/11/2018	3
Industry	Training /Internship	VS ProIT Ltd.	11/09/2018	12/11/2018	1

Industry	Training /Internship	E Cell, FMS Delhi	08/10/2019	10/12/2019	1
Industry	Training /Internship	Accuvate, Hyderabad	02/01/2019	01/04/2019	1
Industry	Training /Internship	MediaMint, Hyderabad	06/02/2019	05/05/2019	4
Industry	Training /Internship	Securium Fox Technologies	14/02/2019	04/05/2019	1
Industry	Training /Internship	ECIL, SECUNDERABAD	20/05/2019	19/06/2019	5
Industry	Training /Internship	BARLOGIC, HYDERABAD	06/05/2019	06/06/2019	2
Industry	Training /Internship	ECIL SECUNDERABAD	23/05/2019	22/06/2019	8
Industry	Training /Internship	Technical training on Problem Solving in CProgramming and Data structures, Resource Person Jatinder Pal Singh, Senior Associate, Talentio India PVT Ltd. ID NO:1144	02/06/2019	15/06/2019	119
Industry	Training /Internship	ABC For Technology, Bangalore, Boot Strap Session and CSR Drive Resource Person Sufiyan khan, Leading Consultant	24/06/2019	24/06/2019	119

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Kallam Spinning Mills (Pvt) Ltd. Chowdavaram, Guntur	05/02/2019	Internships, Placements	10

Kallam Agro Product Oils (Pvt.) Ltd., Dokiparru, Guntur	08/02/2019	Internships, Placements	5
AARSHADHAATU, GUNTUR Nano Products Manufacturing	04/02/2019	Internship training	50
KALLAM TEXTILE, LTD., Addanki, Prakasam	05/02/2019	Internship training	50
RAMKY GROUP, Hyderabad	25/01/2019	Internship training	50
Koti Group of Ventures (P) Limited	11/09/2018	Interaction between Industry and Institution	112
DHANUSH INFOTECH, HYDERABAD	13/10/2018	Internship Placement	40
Koti Group of Ventures (P) Limited	11/09/2018	Training for Campus Placement	51
Pearl Technosoft Inc	05/07/2018	Training /StartsUp	60
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
14450000	11581509

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
RK Solutions	Fully	9.8	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text	17876	4549231	2612	1274585	20488	5823816

Books						
Reference Books	2765	778781	1186	323226	3951	1102007
e-Books	125	0	88	0	213	0
Journals	71	145797	36	101345	107	247142
e-Journals	2	82954	0	0	2	82954
Digital Database	1	0	1	0	2	0
CD & Video	1158	0	49	0	1207	0
Library Automation	1	10000	0	0	1	10000
Weeding (hard & soft)	123	35782	0	0	123	35782
Others (specify)	0	0	0	0	0	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Mr. J. Yedukondalu	EDC	Intranet	04/07/2018
Mr. P. Kiran Babu	STLD	Intranet	04/07/2018
Mr. K. Mohana Krishna	SIGNALS SYSTEMS	Intranet	04/07/2018
Mr. Ch. Eswar Kumar	CONTROL SYSTEMS	Intranet	04/07/2018
Dr. S. Suryanarayana	ANALOG COMMUNICATIONS	Intranet	04/07/2018
Dr. K V Rama Prasad	PULSE DIGITAL CIRCUITS	Intranet	04/07/2018
Mrs.V.Santhi Sri	ANTENNA WAVE PROPAGATION	Intranet	04/07/2018
Mr. K Srinivasa Rao	DIGITAL IMAGE PROCESSING	Intranet	04/07/2018
Mr. P. Lakshmikanth	Hadoop BigData	Intranet	04/07/2018
Mr.D.Ramanayudu	DIGITAL IMAGE PROCESSING	Intranet	04/07/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	589	15	100	2	2	8	6	100	0
Added	40	0	0	0	0	0	0	0	0
Total	629	15	100	2	2	8	6	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Language Lab	http://khitguntur.ac.in/CE/SE/Videolecture/1_1.html

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
360000	284357	2860000	2288480

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The institution obtains the necessary requirements of class rooms, laboratories and other infrastructural resources from each HOD well before the beginning of the academic year. After validation of the requirements in IQAC the available resources are allocated to each department. Any new facility to be constructed / acquired is provided by the management before the semester begins. Wherever there exists a situation that a facility (a laboratory) is required by more than one department suitable adjustments in the time table would make the optimal use of the laboratory a possibility. Right from its inception in the year 2010 the college has been improving its infrastructure to meet its ever increasing growth. Additional blocks for academic and administrative purposes have been constructed. Floors have been added to the existing blocks to enhance the facilities. Renovation of older blocks and modernization of laboratories have been done to meet the ever changing academic requirements. The institution has a permanent manager to take care of all the construction work, be it add on constructions or maintaining the existing ones. The buildings are maintained for their upkeep and repairs on a regular basis. The house keeping team regularly maintains the buildings, corridors and other places clean and tidy. The wash rooms are maintained by a team on a regular basis to maintain their usability. Departments managed by their heads are responsible for maintaining the laboratory equipment for their operational conditions. Before the beginning of the academic year the HODs would budget for repairs and maintenance in all their laboratories for the concerned academic year. They identify the agencies who would undertake the maintenance work and

would get the equipment ready for operations before the beginning of every semester. The institution has an IT cell headed by a senior member of the faculty to oversee the procurement, maintenance, repairs and replacement of equipment like computers, laptops, projectors and others in the domain area of information technology across the institution.

<http://khitguntur.ac.in/IQAC.php#IQACpolicy.php>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Merit Scholarship	133	1082500
Financial Support from Other Sources			
a) National	Government sources	1683	49599200
b) International	0	0	0
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Advanced skill development program on Sales force Cloud Trail head	13/12/2018	5	Sambodhi Tech Solutions, Hyderabad
CRT (3rd year)	26/12/2018	117	Talaentio india pvt ltd
Total station training program (bridge course)	01/05/2019	58	Unique survey solutions, Vijayawada
Guidance for competitive examinations	13/12/2018	15	In house
Career Developement	26/12/2018	40	Talentio Solutions India Pvt.Ltd
Remedial coaching (2 1)	10/12/2018	15	In house
Remedial coaching (2 2)	08/07/2019	7	In house
Remedial coaching (3 1)	10/12/2018	21	In house
Remedial coaching (3 2)	08/07/2019	15	In house
Remedial coaching (4 1)	10/12/2018	15	In house

Remedial coaching (4 2)	08/07/2019	10	Inhouse
Bridge courses (ECA I) (2 1)	30/08/2018	10	In house
Bridge courses (ECA II) (2 1)	30/08/2018	10	In house
Bridge courses (EMF) (2 1)	30/08/2018	10	In house
Bridge courses (CS) (2 2)	30/08/2018	10	In house
Guidance for competitive examinations GATE/PGECET	09/07/2018	111	In house
Remedial coaching	20/08/2018	180	In house
Language labCommunication Skills	16/07/2018	144	In house
Bridge coursesComputer Programming	27/08/2018	25	In house
Bridge coursesMathematics.	03/09/2018	25	In house
Yoga and Meditation	05/11/2018	364	In house
Personal Counselling	22/11/2018	364	In house
Network analysis	03/09/2018	27	In house
Digital signal processing	03/09/2018	39	In house
Signals and systems	10/09/2018	34	In house
CRT	26/12/2018	109	Talentio India PVT Ltd, Hyderabad.
C Programming and Data Structures (II B.Tech I Sem Lateral Entry Students)	05/11/2018	5	In house
Remedial Coaching (2 1)	04/09/2018	135	In house
Remedial Coaching (2 2)	13/02/2019	312	In house
Remedial Coaching (3 1)	20/08/2018	161	In house
Remedial Coaching (3 2)	13/02/2019	66	In house
Remedial Coaching	20/08/2018	68	In house

(4 1)			
Remedial Coaching (4 2)	13/02/2019	156	In house
English lab (2 2)	11/06/2019	124	In house
Career Counselling: Industry specific CRTprogram on Problem Solving in Cprogramming and Data Structures.	02/06/2019	70	Talentio India PVT Ltd, Hyderabad.
Industry specific CRT program on Java and Cprogramming and Data Structures	11/06/2019	69	Talentio India PVT Ltd, Hyderabad
Industry specific CRT for TCS.	28/06/2019	72	Talentio India PVT Ltd, Hyderabad
Yoga and Meditation: Yoga Day Celebrations	21/06/2019	50	Isha Foundation
Personal counseling	11/06/2019	704	In house
Guidance for Competitive Exams :GATE, PGECET	09/07/2018	50	In house
Guidance for Competitive Exams: IELTS	03/06/2019	58	Talentio India PVT Ltd, Hyderabad.
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	CRT	111	0	21	21
2018	Total station training program (bridge course (3rd years)	58	0	4	4
2018	Personal Counseling	365	152	0	0
2018	Guidance for competitive examinations	15	0	4	0

2018	Career Development	0	40	0	30
2018	Competitive Examinations	111	111	10	66
2018	Guidance for competitive exams	120	0	48	0
2018	career guidance	140	0	0	77
2018	competitive examinations (IELTS/GATE/PGECET)	108	0	3	78
2018	career counseling (CRT)	0	211	0	78
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	21

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
BHILWARA TECHNOLOGIES, BANGALORE	97	30	COGNIZANT TECHNOLOGIES, HYD.	180	17
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.Tech	ECE	University of Northampton	MBA , UK
2018	1	B.Tech	ECE	Chebrolu Engineering College	M.Tech
2018	1	B.Tech	ECE	Chebrolu Engineering College	M.Tech

2018	1	B.Tech	CSE	SAPIENZA UNIVERSITA DI ROMA	MS COMPUTERS
2018	1	B.Tech	CSE	AMRITA VISHWA VIDYAPEETHM	DATA SCIENCE
2018	1	B.Tech	CSE	The Graduate School university	DATA SCIENCE
2018	1	B.Tech	CSE	KHIT	M.TECH
2018	3	B.Tech	Civil Engineering	KHIT	M.Tech
2018	1	B.Tech	Civil Engineering	R V R J C	M.Tech
2018	1	B.Tech	Civil Engineering	V V I T	M.Tech
2018	4	B.Tech	E E E	PRIYADARSH NI ,GUNTUR ST .MARYS ,CHEBR OLU	M.Tech
2018	1	B.Tech	MECHANICAL ENGINEERING	BIRMINGHAM CITY UNIVERSITY	M.Tech
2018	1	B.Tech	MECHANICAL ENGINEERING	UNIVERSITY OF CENTRAL MISSOURI	M.Tech
2018	1	B.Tech	ECE	Humber college institute of technology & advanced learning	MS , CANADA
2018	1	B.Tech	ECE	Cégep de la Gaspésie et des Iles	MS , CANADA
2018	1	B.Tech	ECE	Chebrolu Engineering College	M.Tech
2018	1	B.Tech	ECE	KHIT	M.Tech
2018	1	B.Tech	ECE	Universal College of Engineering	M.Tech
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	1
Any Other	20

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
SOLO DANCE	Inter College level (State level)	24
GROUP DANCE	Inter College level (State level)	9
SINGING	Inter College level (State level)	30
PAINTING	Inter College level (State level)	1
VOLLY BALL	Inter College level (State level)	1
KHOKHO	Inter College level (State level)	9
BASKET BALL	Inter College level (State level)	4
CAROMS	Inter College level (State level)	4
CHESS	Inter College level (State level)	1
Western solo dance	Inter College level	28
Rangoli	Intra College level	6
Classical solo dance	Intra College level	2
Short film	Inter College level (State level)	9
Mimicry	Inter College level (State level)	1
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	1st prize	National	1	0	158X1A0147	MD .ABDUL HAMEED
2018	Particip ation Cert ificate	National	1	0	158X1A0230	Jagadeesh
2018	Particip ation Cert ificate	National	1	0	168X1A0207 & 168X1A0215	K.Mounika & Md.Rakiya Rafat
2018	Particip	National	1	0		

	ation Cert ificate				168X1A0207 & 168X1A0215	K.Mounika
2018	II Prize	National	1	0	168X1A0207 & 168X1A0215	K.Mounika & Md.Rakiya Rafat
2018	II Prize	National	1	0	168X1A0207 & 168X1A0215	K.Mounika & Md.Rakiya Rafat
2018	Particip ation Cert ificate	National	0	1	168X1A0231 & 168X1A0222	V.Keerth ana & Sk.Haseena
2018	I Prize	National	0	1	168X1A0231 & 168X1A0202	V.Keerth ana & A.Lakshmi Prasanna
2018	Particip ation Cert ificate	National	0	1	168X1A0231 & 168X1A0202	V.Keerth ana & A.Lakshmi Prasanna
2018	Particip ation Cert ificate	National	1	0	168X1A0201	A.B.Kalyan
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The following are the methods of counseling of students followed every year. 1. Orientation programs: On the day of admission, orientation program is organized by the college for all the first year students and their parents. There will be address by Chairman, Director, Principal, Deans etc. This is followed by the orientation program by the concerned department. 2. Three weeks Induction program: With the guidelines issued by AICTE and JNTUK recently, a three week special induction program has been organized for the first year students of 201819. Programs in the areas of Psychology, Culture, Behavioral aspects, Yoga, Sports and games, Personality development were scheduled continuously for three week. Specialist from important organizations. Special sessions were arranged for senior students to interact with first year students. This has resulted in very good beginning for the first year students. 3. Mentoring: The college adopts mentor/ tutor system to look after the learning capabilities of students Individually • For 20 students, one faculty is assigned as mentor • Mentor continuously track the mentee attendance details and academic performance • Mentor will assist mentee in selecting open electives, professional electives and career guidance • Mentor will track the mentee sports activities, extracurricular and cocurricular activities 4. Placement and counselling cell: Placement and counselling of college organizes number of activities involving industry specialists to guide the third year and fourth year students to be ready for placement interviews. These involve skill development, personality development, attitude, body language etc. In the addition to the above short term programs, college organizes CRT (Campus recruitment training) programs for

three weeks during winter vacation which is continuous program. All these programs have resulted in many students are getting placed by companies.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. Alumni association of the college has been registered in year 2016/2017 with two batches leaving the college, starting with strength of 100. Every year the students leaving the college automatically become members of alumni. The following are the activities of alumni associate. 1. Alumni association meetings are held one in a year in the campus. 2. Members of Alumni are in the Boards of Studies, IQAC. 3. Alumni address the third year and fourth year students periodically towards carrier guidance. 4. About 2 alumni have become entrepreneurs. It is a happy note that some of them recruited our own students, becoming employers. 5. Heads of departments regularly are in touch by emails with the respective alumni to receive their feedback in framing Vision, Mission, PEOs and POs.

5.4.2 – No. of enrolled Alumni:

457

5.4.3 – Alumni contribution during the year (in Rupees) :

10000

5.4.4 – Meetings/activities organized by Alumni Association :

yes, • Alumni meets are conducted annually and lectures by alumni are arranged by all departments. • Alumni interacts with the present students to motivate and guide • Alumni assist in placement activity by giving references to Training Placement Officer.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution as already indicated promotes participative management. • Various committees at institutional levels and departmental levels are responsible for planning and executing many operational procedures in the institution. • The institution firmly believes that achievement of quality is every employee's business and everyone in the institution has a stake in contributing towards achievement of excellence. • Every employee at all levels has an opportunity to contribute his/her innovative ideas leading to improved processes and hence higher quality results. This is achieved through the committees operating at strategic (Management and Principal), midlevel (Deans and HODs) and operational (Departments and cells) levels of management

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Teaching and Learning	We aspire to continuously improve our performance through systematic

	<p>monitoring and up gradation of all aspects of Teaching – Learning Process and Research Development.</p> <ul style="list-style-type: none"> • Problem based learning • Pre placement training • Initiative to Carry out campus placement drives • Encouragement of Staff and Students towards Research • Guidance to students for getting admission for higher studies. • Encouraging students to do mini projects in the concerned subjects • Expert lectures/NPTEL lectures to create awareness to students • Conduction of Skill Development training programs • PPT presentation on theoretical concepts • Periodical evaluation of results of the students in semester end examinations • Conduction of Remedial classes for the academically backward students • Separate mechanism on teaching and learning process based on course outcomes
Examination and Evaluation	<p>The institution has adopted an Outcome Based Education (OBE) system. As the Institution is affiliated to JNTUK, Kakinada during 2018 2019, the examination/evaluation procedures stipulated by the university is being followed 10 marks earmarked for online examination in the respective theory subjects. This has created a positive impact on attendance and the results. Project Seminars, Assignment and attendance are made as a part of evaluation. Jumbling system in examinations has been introduced by the affiliating University and is being followed by the Institution to conduct the examinations</p>
Curriculum Development	<p>The curriculum is prescribed by the parent university Jawaharlal Nehru Technical University Kakinada (JNTUK). The curriculum undergoes a revision once in four years. The institution encourages our faculty / department to contribute to enrich the curriculum during the course of its revision. This is carried out by communicating to the university during the process of preparing and finalizing the revised / new curriculum. Further the institution captures the data pertaining to curriculum / syllabus by obtaining a well articulated feedback by the alumni once a year as well as the students during the final year of their</p>

	<p>course. The consolidated recommendations are forwarded to the university to be used in enlarging, enriching and updating the content to meet the current trends in the industry.</p>
Research and Development	<p>The institution is engaged in research and development with JNTUK approved research centers to facilitate faculty to pursue research activities and executing sponsored projects. The research policy of the institution is reviewed annually and published to all faculty / website. The revised policies are encouraging in terms of direction and quality of research, workload, reimbursement of expenses and support grants. Apart from the approved research centers, the institution has established centers of excellence to facilitate both the faculty and the students to pursue research activities. Students in particular can work on current technology through mini projects and experiments in identified areas beyond the coverage of the syllabus thereby they acquire the knowledge/skill by doing. Commencing from first year in the department / program, Centre of Excellence (CoE) activities are planned and scheduled. Students are motivated to enroll and engage in learning. Designated faculty mentors the activities in the Centers of excellence. The mini projects and the final year major projects are exhibited on a "SAMKALP" every year. The alumni and industrialists are invited to evaluate the projects to reward the selected projects.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>The college has a central library with plinth area 600 sq m with all modern facilities. The library has the following resources: Titles : 3883 Total No. of volumes : 20488 Reference Books : 3951 Library Automation : OPAC, supplied by GLOBAL SOLUTION software ebooks : 1420 ejournals : IEEE, JGATE (JET), Delnet, ASCE (Digital Library) Print Journals : 107 Book Bank for SC/ST : Available Back Volumes of Project Reports : Available Seating Capacity : 150 Nos. Timings : 8.20 am to 6.00pm Digital Library Number of Computers : 20 Broad Band Internet Connectivity : 100 Mbps (8Hours) Library Server : 1 Server Model HP280G1MT Intel Core i54590S, 3.0</p>

	<p>GHZ, 8GB RAM, HDD 1TB ELearning Materials : 1998 Hours of NPTEL Video Courses on 149 Subjects 123 Hours of SONET Video Course on 15 subjects. Media Resource Centre : Reprographic and Printing Documentation. Number of users per day : • The students are encouraged to utilize the learning materials available in the library. • The faculty and students avail the benefit of video lectures like NPTEL. • The faculty and students refer to the online and print journals for literature to publish/ present technical papers • Students refer to the elearning resource material to enhance their technical knowledge. • The library and Internet centre are kept open beyond the working hours of institution.</p>
Human Resource Management	As a part of Quality Improvement programme, review and enhancement of HR policies and procedures of the institution has been completed and an updated and comprehensive HR framework would be in place before the beginning of the academic year 2018 2019
Industry Interaction / Collaboration	The institution continues to propagate industry connect through: 1) Technical talks / Invited seminars 2) Industry visits /tours 3) Students' project work /internships 4) MOU (Memorandum of Understanding) During the academic year 2018 2019.
Admission of Students	The following strategies are being adopted to enhance the admission quality: 70 of the admissions are done by the Convener, EAMCET, Govt. of Andhra Pradesh. Remaining 30 of the seats are filled by the Management based on the guidelines given by Govt. of Andhra Pradesh from time to time.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	NIL
Administration	NIL
Finance and Accounts	The institution has been using a competent software to maintain and manage the inflow and outflow of the finances. The accounting starting from the foundation entire still production of statement of accounts and financial reports required for strategic management, in particular strategic

	planning are being produced through usage of software
Student Admission and Support	NIL
Examination	The institution in collaboration with JNTUK has adapted online transactions for all the processes like registering of students with JNTUK for semester end exam, obtaining admission tickets generated on JNTUK website and downloading question papers for Semester End Evaluation (SEE). Even appointment of examiners for practical examination has been computerized. Mandated by JNTUK, the institution has installed web cameras to monitor the conduct of examinations in various blocks. The results are announced online which are downloaded for analysis at the institution level. The institution has been planning to install an Enterprise Resource Planning (ERP) software for managing all the processes including admissions, placement, finance, staff welfare, Teaching learning and examination, student performance and progression.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Mr.D.GOPAIAH	"A TWO DAY NATIONAL SEMINOR ON GEOSPATIAL TECHNOLOGY FOR ENVIRONMENTAL SUSTAINABILITY AT INDIAN SCENARIO"	Organizing Committee KHIT	300
2019	Mr. D.SRINIVASULU	"A TWO DAY NATIONAL WORK SHOP ON PROBLEM IDENTIFICATION , RESEARCH METHODOLOGY ACADEMIC WRITING "	Organizing Committee KHIT	300
2019	Mr.P.SURENDRA BABU	"A TWO DAY NATIONAL WORK SHOP ON PROBLEM IDENTIFICATION	Organizing Committee KHIT	300

		, RESEARCH METHODOLOGY ACADEMIC WRITING		
2018	Mr.P.SURENDRA BABU	" PRODUCT DEVELOPMENT ON 3D EXPERIENCE	Organizing Committee VVIT,NAMBUR	500
2019	Mr.K.M. CHAITANYA	"A TWO DAY NATIONAL WORK SHOP ON PROBLEM IDENTIFICATION , RESEARCH METHODOLOGY ACADEMIC WRITING "	Organizing Committee KHIT	300
2018	Mr. S.DASS	" FACULTY DEVELOPMENT PROGRAM ON 3D PRINTING TECHNOLOGY WITH HANDS ON TRAINING"	Organizing Committee NEC.NARASARAO PET	1500
2018	Mr. B.ANIL KUMAR	AICTE -STTP COURSE ON "ADVANCES IN EXPERIMENTAL AND COMPUTATIONAL FLUID MECHANICS	Organizing Committee IIT,MADRAS	2000
2018	Mr.A.Manikanth	Recent trends and applications in biomedical signal image processing	Organizing Committee of NECRTABS	5000
2018	Mr.T.Srikanth Reddy	Recent trends and applications in biomedical signal image processing	Organizing Committee of NECRTABS	5000
2018	Mrs.V.Santhi Sri	Latest Trends in VLSI Design and handson Implementation using Cadence EDA tools	Organizing Committee of PITSVLSI	5000
2018	Mr.Y.Murali Krishna	SIGNAL PROCESSING USING DEEP LEARNING APPLICATIONS	Organizing Committee of NRIITSPDL	5000
2019	Mr.M.Eshwar reddy	A Two Day National	Organizing Committee of	300

		Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	GTES	
2018	Mr.P.Siva Sankar	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.M.Eshwar reddy	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.V.Rajasekhar reddy	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr. Mr.P.Sai Mahesh reddy	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.K.Siva Kiran	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.K.Kowshik	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500

2018	Mr.V.Rajendra	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.N.V.Mohan Krishna	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.T.Nagaraju	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.G.Srinivasulu	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.J.Kiran	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.H.Teja Kiran Kumar	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.D.V.S.Sankara Reddy	One week National workshop on Earthquake Civil Engineering Structures NDT	Organizing Committee of SNDTP	1500

		Perspective.		
2018	Ms.G.Rohini	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Ms.A.Hari Chandana	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2019	Dr. C.Ravi kumar reddy	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario	Organizing Committee of GTESi	300
2019	Dr.M.Satish Kumar	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Prof.K.Srinivas	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2018	Mr. B.ANIL KUMAR	AICTE -STTP COURSE ON "FIRST COURSE IN COMPUTATIONAL FLUID DYNAMICS ,DEVALAPMENT,AP PPLICATIONS AND ANALYSIS (FCCFD 2018)	Organizing Committee IIT,BOMBAY	2000
2018	Mr. M.KISHORE	A TWO DAY	Organizing	1000

		FACULTY DEVELOPMENT PROGRAM "APPLICATIONS OF CFD MATLAB IN MECHANICAL ENGINEERING "	Committee TIRUMALA ENGG C OLLEGE,NARASARA OPET	
2018	Mr.G.Suresh babu	" PRODUCT DEVELOPMENT ON 3D EXPERIENCE"	Organizing Committee VVIT,NAMBUR	500
2018	Dr.S.Suryanar ayana	Analog and Digital CMOS IC Design flow using Mentor Graphics EDA tools	Organizing Committee GUNTUR ENGINEERING COLLEGE	5000
2018	Dr.K.V.Rampra sad	SIGNAL PROCESSING USING DEEP LEARNING APPLICATIONS	Organizing Committee NRI INSTITUTE OF TECHNOLOGY	5000
2018	Dr.B.Ananda Krishna	ASIC/FPGA Design Its Applications	Organizing Committee SRI MITTAPALLI COLLEGE OF ENGINEERING	5000
2018	Mr.B.Ramachan draiah	Aspects of VLSI Design using EDA Tools	Organizing Committee NARASARAOPETA ENGINEERING COLLEGE	5000
2018	Mr.D.Ramanayudu	Recent trends and applications in biomedical signal image processing	Organizing Committee NARASARAOPETA ENGINEERING COLLEGE	5000
2018	Mr.K.Srinivasa Rao	SIGNAL PROCESSING USING DEEP LEARNING APPLICATIONS	Organizing Committee NRI INSTITUTE OF TECHNOLOGY	5000
2019	Mr.V.Rajasekhar reddy	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Mr. Mr.P.Sai Mahesh reddy	A Two Day National Seminar On	Organizing Committee of GTES	300

		Geospatial Technology for Environmental Sustainability at Indian Scenario.		
2018	Mr. K.Nagaraju	Problem Identification ,Research Methodology and Academic Writing (NAAC Sponcered	Organizing Committee, PIRMAW, KHIT	3000
2018	Mr.Ch.Eswar Kumar	Analog and Digital CMOS IC Design flow using Mentor Graphics EDA tools	Organizing committee GECADCMOSICD	5000
2018	Mr.M.Leela V. Krishna	Aspects of VLSI Design using EDA Tools	Organizing committee NECVLSI	5000
2018	Mr.J.Yedukondalu	Cyber security, cryptanalysis and security for physical infrastructure	Organizing committee VIGNAN' S UNIVERSITY	3000
2018	Ms.P.Vijaya	Latest Trends in VLSI Design and handson Implementation using Cadence EDA tools	Organizing committee PITSLTVLSIDA	5000
2018	Mr.G.Manoj Kumar	Cyber security, cryptanalysis and security for physical infrastructure	Organizing committee VIGNAN' S UNIVERSITY	3000
2018	Mr.M.Sudhakar Reddy	Cyber security, cryptanalysis and security for physical infrastructure	Organizing committee VIGNAN' S UNIVERSITY	3000
2018	Mr.L.N.Srinivas	SIGNAL PROCESSING USING DEEP LEARNING APPLICATIONS	Organizing committee NRITSPDL	5000
2018	Mrs C.Sai Kalyana Deepthi	Recent trends and applications in	Organizing committee NECRTA	5000

		biomedical signal image processing		
2018	Mr. N.Nagendra Reddy	Aspects of VLSI Design using EDA Tools	Organizing committee NECVLSID	5000
2018	Mr.K.SivaTeja	Latest Trends in VLSI Design and handson Implementation using Cadence EDA tools	Organizing committee PACE INSTITUTE OF TECHNOLOGY SCIENCES	5000
2018	Mr.P.Kiran Babu	Cyber security, cryptanalysis and security for physical infrastructure	Organizing committee VIGNAN' S UNIVERSITY	3000
2018	Mr. G.Pavan Kumar	DESIGN OF HIGH PERFORMANCE AND LOW POWER THIRSTY SOC MODULES USING MG TOOLS	Organizing committee SSCETDHP	3000
2018	Dr. C.Ravi kumar reddy	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Dr.M.Satish Kumar	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Prof.K.Srinivas	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2018	Mr.M.J.Kishore	One week National workshop on Earthquake Civil Engineering	Organizing Committee of SNDTP	1500

		Structures NDT Perspective.		
2018	Mr.V.S.R.PavanKumar.R	One week National workshop on Earthquake Civil Engineering Structures NDT Perspective.	Organizing Committee of SNDTP	1500
2019	Mr.M.J.Kishore	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Mr.V.S.R.PavanKumar.R	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Mr.P.Siva Sankar	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing committee KHIT	300
2018	Mr. J. Srinivasarao	DESIGN OF HIGH PERFORMANCE AND LOW POWER THIRSTY SOC MODULES USING MG TOOLS	Organizing committee SRI SUNFLOWER COLLEGE OF ENGINEERING TECHNOLOGY	3000
2018	Mr.G.Manoj Kumar	Machine Learning And Its Applications	Organizing committee USHA RAMA ENGINEERING COLLEGE	3000
2018	Ms.G.Naga Chandrika	Machine Learning And Its Applications	Organizing committee USHA RAMA ENGINEERING COLLEGE	3000

2019	Dr.K.Venkata Subba Reddy	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held	Organizing CommitteePIRM AW KHIT	300
2019	Mr.N.Md.Jubair Basha	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held	Organizing CommitteePIRM AW KHIT	300
2019	Dr.Md.Umar Khan	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT	Organizing CommitteePIRM AW KHIT	300
2019	Mr.Ch.Samsonu	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT	Organizing CommitteePIRM AW KHIT	300
2019	Mr.B.Srikanth	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT	Organizing CommitteePIRM AW KHIT	300
2019	Mr.K.Kranthi Kumar	NAAC Sponsored Two Day National	Organizing CommitteePIRM AW KHIT	300

		Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT		
2019	Mr.P.S.V.Reddy	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT	Organizing CommitteePIRM AW KHIT	300
2019	Mr.K.Srinivasa Reddy	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT	Organizing CommitteePIRM AW KHIT	300
2019	Mr.A.Sandeep Kumar	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT	Organizing CommitteePIRM AW KHIT	300
2019	Prof.B.Satyan arayana Reddy	UGC Sponsored National Workshop on: New Trends on SQC, Reliability with R Programming (NTOSRWR2019)	Organizing Committee NTOSRWR2019)	200
2019	Dr.K.Venkata Subba Reddy	SRB Sponsored Two Day National Seminar on" Geo Spatial Technology for	Organizing Committee - GTESIS KHIT	300

		Environmental Sustainability at Indian Scenario"		
2019	Dr.B.Tarakeswara Rao	SRB Sponsored Two Day National Seminar on" Geo Spatial Technology for Environmental Sustainability at Indian Scenario"	Organizing Committee - GTESIS KHIT	300
2019	Prof.B.Satyanarayana Reddy	SRB Sponsored Two Day National Seminar on" Geo Spatial Technology for Environmental Sustainability at Indian Scenario"	Organizing Committee - GTESIS KHIT	300
2019	Mr.S.krishna Reddy	SRB Sponsored Two Day National Seminar on" Geo Spatial Technology for Environmental Sustainability at Indian Scenario"	Organizing Committee - GTESIS KHIT	300
2019	Mr.A.Sandeep Kumar	SRB Sponsored Two Day National Seminar on" Geo Spatial Technology for Environmental Sustainability at Indian Scenario"	Organizing Committee - GTESIS KHIT	300
2019	Dr.B.Tarakeswara Rao	Three day National Workshop for faculty on Cyber Security,Crypt Analysis and Security for physical infrastructure under ICPS in Vignan	Organizing Committee CSCAS, Vignan University	1000

		Univrsty, Guntur		
2019	Mr.P.Lakshmikanth	Three day National Workshop for faculty on Cyber Security, Crypt Analysis and Security for physical infrastructure under ICPS in Vignan University, Guntur	Organizing Committee CSCAS, Vignan University	1000
2019	Ms.K.Naga Mallika	Three day National Workshop for faculty on Cyber Security, Crypt Analysis and Security for physical infrastructure under ICPS in Vignan University, Guntur	Organizing Committee CSCAS, Vignan University	1000
2019	Dr.B.Lakshmi Mrs.V.L.Kiranmani	Two days workshop on "Vedic science and mathematics"	Organizing committee KHIT	4000
2019	Dr. G.Sivaramireddy and Dr.B.Anupama	NPTEL Workshop conducted on 07122018 by IIT Madras at R.V.R J.C College of Engineering, Guntur.	Organizing committee KHIT	4000
2019	Dr.S.R.Krishna Reddy	NAAC Sponsored Two Day National Level Workshop on " Problem Identification, Research Methodology, Academic Writing" held	Organizing committee KHIT	4000
2019	Dr.G.Srinivasulu	NAAC Sponsored Two Day National	Organizing committee	4000

		Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held		
2019	Dr.K.V.B.Raj Kumar	,NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT	Organizing committee KHIT	4000
2019	Dr.L.Srikala	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT	Organizing committee KHIT	5000
2019	Mrs.V.L.Kiran mai	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT	Organizing committee KHIT	5000
2019	Mrs.B.Aruna	NAAC Sponsored Two Day National Level Workshop on" Problem Identification, Research Methodology, Academic Writing" held at KHIT	Organizing committee KHIT	5000
2019	Mrs.V.Revathi Devi	SERB Sponsored Two Day National Seminar on" Geo Spatial	Organizing committee KHIT	5000

		Technology for Environmental Sustainability at Indian Scenario"		
2019	Mrs.P.Revathi Prasanna	SERB Sponsored Two Day National Seminar on" Geo Spatial Technology for Environmental Sustainability at Indian Scenario"	Organizing committee KHIT	5000
2019	Mrs.V.Subhash ini	SERB Sponsored Two Day National Seminar on" Geo Spatial Technology for Environmental Sustainability at Indian Scenario"	Organizing committee KHIT	5000
2018	Mr.K.V.Venkata kumar	SIGNAL PROCESSING USING DEEP LEARNING APPLICATIONS	Organizing committee NRI INSTITUTE OF TECHNOLOGY	5000
2018	Mr. U.Srinivas	RECENT TRENDS AND APPLICATIONS IN SIGNAL IMAGE PROCESSING	Organizing committee QIS COLLEGE OF ENGINEERING TECHNOLOGY	5000
2018	Mr G.Chandra Reddy	Cyber security, cryptanalysis and security for physical infrastructure	Organizing committee VIGNAN'S UNIVERSITY	3000
2018	Mr. K.Mohan Krishna	ASIC/FPGA Design Its Applications	Organizing committee SRI MITTAPALLI COLLEGE OF ENGINEERING	5000
2018	Mrs.B.Jayalak shmi	VLSI DESIGNfin FET	Organizing committee TIRUMALA ENGINEERING COLLEGE	5000
2018	Mr. G.Pavan Kumar	VLSI DESIGNfin FET	Organizing committee TIRUMALA ENGINEERING	3000

			COLLEGE	
2018	Mr.P.Vikram Raju	Aspects of VLSI Design using EDA Tools	Organizing committee NARASARAO PETA ENGINEERING COLLEGE	5000
2018	Ms.G.Naga Chandrika	VLSI DESIGNfin FET	Organizing committee TIRUMALA ENGINEERING COLLEGE	3000
2018	Mr. J. Srinivasarao	Cyber security, cryptanalysis and security for physical infrastructure	Organizing committee VIGNAN' S UNIVERSITY	3000
2018	Mrs.N.Madhuri	ASIC/FPGA Design Its Applications	Organizing committee SRI MITTAPALLI COLLEGE OF ENGINEERING	5000
2018	Dr.L.Shanmukh arao	Problem Identification ,Research Methodology and Acadamic Writing (NAAC Sponcered)	Organizing Committee, PIRMAW,Kallam Haranadhareddy Institute of Technology	4000
2018	Dr.L.Shanmukh arao	Synchrophasor Measurement Technology for Smart grid	Covenor,Natio nal Institute of Technology Silchar	9700
2018	Dr.L.Shanmukh arao	Industry Practices in Power System Engineering	Organizing Committee, IPPSE, R.V.RJ.C College of Engineering	4000
2018	Mr.J.Yedukond alu	IOT Application Development Using Advanced Processors	Organizing committee UNIVERSAL COLLEGE OF ENGINEERING TECHNOLOGY	3000
2018	Mr.P.Kiran Babu	IOT Application Development Using Advanced Processors	Organizing committee UNIVERSAL COLLEGE OF ENGINEERING TECHNOLOGY	3000
2018	Mr.M.Sudhakar Reddy	IOT Application Development Using Advanced	Organizing committee UNIVERSAL COLLEGE OF	3000

		Processors	ENGINEERING TECHNOLOGY	
2018	Dr. Ch.Srinivasa Rao	AICTE -ISTE SPONSORED ONE WEEK QIP SHORT -TERM COURSE ON "ANALYSIS OF SHEET METAL FORMING PROCESSES" MAY 711 ,2018	Organizing Committee IITBOMBAY	2000
2018	Dr.SCV Ramana Murty Naidu	AICTE -ISTE SPONSORED ONE WEEK REFRESHER COURSE ON " COMPUTATIONAL FLUID DYNAMICS " 18th23rd June,, 2018	Organizing Committee GUDLAVALLERU ENGINEERING COLLEGE	2000
2018	Mr.V.Nageswara Rao	AICTE -ISTE SPONSORED ONE WEEK REFRESHER COURSE ON " COMPUTATIONAL FLUID DYNAMICS " 18th23rd June,, 2018	Organizing Committee GUDLAVALLERU ENGINEERING COLLEGE	2000
2018	Mr.Y.KIRAN	"ADVANCEMENTS IN MANUFACTURING WELDING " 17th22nd June, 2019	Organizing Committee JNTUK	1000
2019	Dr.SCV Ramana Murty Naidu	"A TWO DAY NATIONAL SEMINOR ON GEOSPATIAL TECHNOLOGY FOR ENVIRONMENTAL SUSTAINABILITY AT INDIAN SCENARIO"	Organizing Committee KHIT	300
2019	Mr.V.Nageswara Rao	"A TWO DAY NATIONAL WORK SHOP ON PROBLEM IDENTIFICATION , RESEARCH METHODOLOGY ACADEMIC WRITING "	Organizing Committee KHIT	300
2019	Mr.Y.KIRAN	"A TWO DAY NATIONAL WORK SHOP ON PROBLEM IDENTIFICATION , RESEARCH	Organizing Committee KHIT	300

		METHODOLOGY ACADEMIC WRITING "		
2019	Mr.Y.KIRAN	"A TWO DAY NATIONAL SEMINOR ON GEOSPATIAL TECHNOLOGY FOR ENVIRONMENTAL SUSTAINABILITY AT INDIAN SCENARIO"	Organizing Committee KHIT	300
2018	Mr G.Chandra Reddy	DESIGN OF HIGH PERFORMANCE AND LOW POWER THIRSTY SOC MODULES USING MG TOOLS	Organizing Committee SRI SUNFLOWER COLLEGE OF ENGINEERING TECHNOLOGY	3000
2019	Mr.K.Siva Kiran	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Mr.K.Kowshik	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Mr.V.Rajendra	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Mr.N.V.Mohan Krishna	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300

2019	Mr.T.Nagaraju	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Mr.G.Srinivasulu	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Mr.J.Kiran	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Mr.H.Teja Kiran Kumar	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Mr.D.V.S.Sankara Reddy	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Ms.G.Rohini	A Two Day National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Organizing Committee of GTES	300
2019	Ms.A.Hari	A Two Day	Organizing	300

	Chandana	National Seminar On Geospatial Technology for Environmental Sustainability at Indian Scenario.	Committee of GTES	
2018	Dr. K. Hari Krishna	Industry Practices in Power System Engineering	Organizing Committee, IPPSE, R.V.RJ.C College of Engineering	4000
2018	Mr. M. S. Naik	Problem Identification ,Research Methodology and Academic Writing (NAAC Sponcered	Organizing Committee, PIRMAW, Kallam Haranadhareddy Institute of Technology	3000
2018	Mr. M. S. Naik	Industry Practices in Power System Engineering	Organizing Committee, IPPSE, R.V.RJ.C College of Engineering	3000
2018	Mr. A. Pandurangarao	Problem Identification ,Research Methodology and Academic Writing (NAAC Sponcered	Organizing Committee, PIRMAW, Kallam Haranadhareddy Institute of Technology	3000
2018	Mr. A. Pandurangarao	Recent Trends in Electrical Engineering	Organizing Committee, RTEE, V.R. Siddhardha engineering college	3000
2018	Mr. P. Yanna Reddy	Recent Trends in Electrical Engineering	Organizing Committee, RTEE, V.R. Siddhardha engineering college	3000
2018	Mrs. G. Lakshmi	Industry Practices in Power System Engineering	Organizing Committee, IPPSE, R.V.RJ.C College of Engineering	3000
2018	Mrs. G. Lakshmi	Leadership opportunities for professional women	IEEE Guntur subsection in association with IEEE WIEAG Hyderabad section	3000
2018	Mrs.	Industry	Organizing	3000

	T.Lakshmi Ravali	Practices in Power System Engineering	Committee, IPPSE, R.V.RJ.C College of Engineering	
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	One week FDP on Recent Trends Research Opportunities in Civil Engineering Field.	nil	29/10/2018	03/11/2018	20	0
2019	One week FDP on Structural Design Guidelines for concrete Steel bridges.	nil	22/04/2019	27/04/2019	20	0
2018	"FDP on Optimization Techniques and its Engineering Applications"	Training Program on XLTurnCNC Lathe Machine	04/06/2018	08/06/2018	45	20
2018	"FDP on Recent Advances in Fuel cells Solar Energy"	Training Program on XLMillCNC Milling Machine	02/11/2018	16/11/2018	40	15
2019	FDP ON MACHINE LEARNING APPLICATIONS IN SIGNAL PROCESSING	nil	04/03/2019	09/03/2019	52	0

2019	PROBLEM IDENTIFICATION RESEARCH METHODOLOGY ACADEMIC WRITING	nil	28/01/2019	29/01/2019	4	0
2018	FDP ON NETWORK SECURITY CRYPTOGRAPHY	nil	12/11/2018	17/11/2018	55	0
2018	FDP on Deep Learning in association with NIT Warangal	nil	12/11/2018	17/11/2018	15	0
2019	Problem Identification Research Methodology and Academic Writing	nil	28/01/2019	29/01/2019	11	0
2019	Geospatial Technology For Environmental Sustainability at Indian Scenario	nil	12/03/2019	13/03/2019	6	0
2018	Deep Learning	nil	12/11/2018	17/11/2018	15	0
2019	Problem Identification Research Methodology and Academic Writing	nil	28/01/2019	29/01/2019	11	0
2019	Geospatial Technology For Environmental Sustainability at Indian Scenario	nil	12/03/2019	13/03/2019	6	0

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
A TWO DAY FACULTY DEVELOPMENT PROGRAM "APPLICATIONS OF CFD MATLAB IN MECHANICAL ENGINEERING " VENUE :TIRUMALA ENGG COLLEGE ,NA RASARAOPET	1	14/11/2018	15/11/2018	2
AICTE -ISTE SPONSORED ONE WEEK REFRESHER COURSE ON " COMPUTATIONAL FLUID DYNAMICS " VENUE : GUDLAVALLERU ENGG COLLEGE	2	18/06/2018	23/06/2018	6
" PRODUCT DEVELOPMENT ON 3D EXPERIENCE" VENUE : VVIT ,NAMBUR	2	20/11/2018	22/11/2018	3
AICTE -ISTE SPONSORED ONE WEEK QIP SHORT -TERM COURSE ON "ANALYSIS OF SHEET METAL FORMING PROCESSES" VENUE : IITBOMBAY	1	07/05/2018	11/11/2018	5
AICTE -ISTE SPONSORED ONE WEEK INDUCTION/ REFRESHER PROGRAMME ON "RESEARCH METHODOLOGY DESIGN AND ANALYSIS OF EXPERIMENTS" VENUE : RVRJC COLLEGE OF ENGG ,GUNTUR.	6	12/11/2018	17/11/2018	6

1.FDP ON MACHINE LEARNING APPLICATIONS IN SIGNAL PROCESSING	52	04/03/2019	09/03/2019	6
2.PROBLEM IDENTIFICATION RESEARCH METHODOLOGY ACADEMIC WRITING	21	28/01/2019	29/01/2019	2
3. FDP ON NETWORK SECURITY CRYPTOGRAPHY	55	12/11/2018	17/11/2018	6
4.RECENT TRENDS AND APPLICATIONS IN SIGNAL IMAGE PROCESSING	1	20/08/2018	24/08/2018	5
5.SIGNAL PROCESSING USING DEEP LEARNING APPLICATIONS	5	05/11/2018	09/11/2018	6
6.Aspects of VLSI Design using EDA Tools	4	12/11/2018	16/11/2018	5
7.Latest Trends in VLSI Design and handson Implementation using Cadence EDA tools	3	21/01/2019	25/01/2019	6
8.ASIC/FPGA Design Its Applications	3	15/04/2019	19/04/2019	5
9. Analog and Digital CMOS IC Design flow using Mentor Graphics EDA tools	2	27/05/2019	31/05/2019	5
10. Recent trends and applications in biomedical signal image processing	4	26/11/2018	30/11/2018	5
11. VLSI DESIGNfin FET	2	13/11/2018	15/11/2018	3

12. VLSI DESIGNfin FET	1	13/11/2018	19/11/2018	7
13. Cyber security, cryptanalysis and security for physical infrastructure	6	20/06/2019	22/06/2019	3
14. IOT Application Development Using Advanced Processors	3	09/05/2019	11/05/2019	3
15. DESIGN OF HIGH PERFORMANCE AND LOW POWER THIRSTY SOC MODULES USING MG TOOLS	3	13/06/2019	15/06/2019	3
16. Machine Learning And Its Applications	2	27/06/2019	29/06/2019	3
Internet Of Things	1	06/12/2018	07/12/2018	2
FDP on Introduction to Internet of Things (NPTEL)	1	16/07/2018	12/10/2018	90
Java Fundamentals and Programming (oracle academy course)	2	09/08/2018	09/08/2018	1
Data Science and Its Applications	1	28/09/2018	29/09/2018	2
Implementation of Data Structures(online course)	2	13/03/2018	18/12/2018	190
FDP on Deep Learning	15	12/11/2018	17/11/2018	6
Problem Identification Research Methodology and Academic Writing	11	28/01/2019	29/01/2019	2
Geospatial Technology For	6	12/03/2019	13/03/2019	2

Environmental Sustainability at Indian Scenario				
ITEssentials Instructor Training Program	1	08/11/2018	11/11/2018	4
NPTEL Workshop	1	12/07/2018	12/07/2018	1
NBA Accreditation and SAR Preparation	2	21/01/2019	25/01/2019	5
Cyber Security, Cryptanalysis and Security for Physical Infrastructure	3	20/06/2019	22/06/2019	3
Internet Of Things	1	06/12/2018	07/12/2018	2
Software Engineering (NPTEL)	1	06/08/2018	13/10/2018	84
Introduction to Internet of Things (NPTEL)	1	16/07/2018	12/10/2018	190
Geospatial Technology For Environmental Sustainability at Indian Scenario	6	12/03/2019	13/03/2019	2
NPTEL Workshop	1	12/07/2018	12/07/2018	1
NBA Accreditation and SAR Preparation	2	21/01/2019	25/01/2019	5
Cyber Security, Cryptanalysis and Security for Physical Infrastructure	3	20/06/2019	22/06/2019	3
Cyber Security, Cryptanalysis and Security for Physical Infrastructure	3	20/06/2019	22/06/2019	3
One week FDP on Recent Trends Research Opportunities	20	29/10/2018	03/11/2018	7

in Civil Engineering Field.				
One week FDP on Structural Design Guidelines for concrete Steel bridges.	20	22/04/2019	27/04/2019	7
FDP on Challenges in Renewable Energy Sources	4	16/11/2018	17/11/2018	2
FDP on Accreditation oriented Teaching Methodology in Professional Education System	1	03/05/2019	05/05/2019	3
FDP on PLC SCADA	20	12/11/2018	17/11/2018	6
FDP on SCI Lab	20	06/05/2019	11/05/2019	6
"ADVANCEMENTS IN MANUFACTURING WELDING " VENUE : JNTUK	2	17/06/2019	22/06/2019	6
"A TWO DAY NATIONAL SEMINOR ON GEOSPATIAL TECHNOLOGY FOR ENVIRONMENTAL SUSTAINABILITY AT INDIAN SCENARIO" VENUE : KHIT	3	12/03/2019	13/03/2019	2
"A TWO DAY NATIONAL WORK SHOP ON PROBLEM IDENTIFICATION , RESEARCH METHODOLOGY ACADEMIC WRITING "	5	28/01/2019	29/01/2019	2
" FACULTY DEVELOPMENT PROGRAM ON 3D PRINTING TECHNOLOGY WITH HANDS ON	1	22/11/2018	27/11/2018	6

TRAINING" VENUE :NEC.NARASARAO PET				
AICTE -STTP COURSE ON "ADVANCES IN EXPERIMENTAL AND COMPUTATIONAL FLUID MECHANICS" VENUE : IIT,MADRAS	1	29/10/2018	03/11/2018	5
AICTE -STTP COURSE ON "FIRST COURSE IN COMPUTATIONAL FLUID DYNAMICS ,DEVALAPMENT,AP PLICATIONS AND ANALYSIS (FCCFD 2018)" VENUE : IIT,BOMBAY	1	25/06/2018	29/06/2018	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
169	169	28	28

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
? Free Transportation is provided for teaching staff ? Free Transportation, PF for NonTeaching staff ? Maternity leave facilities are being extended to the womenfaculty in accordance to the set rules and norms.	? Free Transportation is provided for teaching staff ? Free Transportation, PF for NonTeaching staff ? Maternity leave facilities are being extended to the womenfaculty in accordance to the set rules and norms.	Group Insurance Immediate medical assistance is available in a large hospital adjoining our campus. Hostel resident students have utilized this facility, whenever required

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Each department constitutes academic and administrative audit committee based on the approval of the Director of the college. The committee identifies strengths and weakness of each department and furnishes recommendations for future development. These are done by every department regularly every year. The summary of the audit reports are also furnished in NBA reports.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grants received in Rs.	Purpose
NIL	0	NIL
View File		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	NA	Yes	IQAC
Administrative	Yes	Chartered accountant	No	NIL

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Aims and Objectives:

- To foster and promote good relationship among the members of the Teaching staff, student and parent/guardians of the students
- To assist students coming from Socially and Economically backward group financially or otherwise to complete Engineering education successfully
- To promote the activities of the Training and Placement Cell and to conduct Seminars and Technical/Training programmes for the students to achieve technology oriented skills/jobs

The major three Activities are

1. First Year Orientation: Parents Teacher Association arranged a function to welcome the first year students and their parents on the day (18/06/2018) of commencement of classes
2. Class wise parent teacher association: Interpersonal interaction also took place between the parents and the concerned subject teachers out of which the parents were able to find out about their ward's attendance record and their performance in the recently concluded examination.
3. Annual Day Celebrations: The College invited the parents as the part of the Annual Day Celebrations for the disbursement of merit scholarship to the top 10 percent of the students. Institute believes in maintaining a holistic relationship between teachers and parents so as to improve the quality of education and it adopts several initiatives in this direction

6.5.3 – Development programmes for support staff (at least three)

Supporting staff are encouraged to continue their education for improvement of their qualification.

- 1) Technical workshop to conduct lab as and when the syllabus changes
- 2) Refresher course on usage of software tools
- 3) Personality development program

6.5.4 – Post Accreditation initiative(s) (mention at least three)

- 1) Working towards accreditation by NBA by reinforcing OBE system faculty are encouraged to innovatively improve the processes including evaluation processes to achieve attainment higher levels of course outcomes
- 2) Revised set of HR Policies for sourcing, recruitment, maintenance and retention.
- 3) Renovation and addition of physical and IT infrastructure, modernization of existing laboratories and establishing new laboratories in line with industry's requirements, establishment of centers of excellence (research laboratories) to provide a platform for research for both students and faculty.
- 4) Motivating and supporting entrepreneurial drive amongst students by establishing Incubation Centre.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Problem Identification, Research Methodology and Academic Writing	28/01/2019	28/01/2019	29/01/2019	65
2019	SERB	12/03/2019	12/03/2019	13/03/2019	56
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Brave women for the society	17/12/2018	17/12/2018	40	0
Pinkathon (3k, 5k, 10k walk for healthy life style)	26/09/2018	26/09/2018	30	0
International women's day	08/03/2019	08/03/2019	30	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Solar Energy: Solar Energy: As a green campus initiative to conserve the electric power in the campus, the institute has commissioned 155KWp roof top solar PV plant. Approximately 18000 units are generated per month and estimated total power consumption in the college is on average 14000 units/month.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	No	0
Braille Software/facilities	No	0

Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	No	0
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	0	0	12/12/2018	1	Blood donation camp	Health	70
2019	0	0	22/01/2019	1	Medical Camp	HEALTH	112
2018	0	0	04/12/2018	1	Blood Grouping for All IYears	Health	115
2018	0	0	31/08/2018	1	Eye Awareness Medical Program	Health	85
2018	0	0	21/07/2018	1	Organs donation	Health	60
2018	0	0	15/07/2018	1	Mega Medical Camp	Health	120
2018	0	0	25/10/2018	1	Donation for Kerala Cyclone victims	Charity	250
2018	0	0	02/12/2018	1	Swachhata Volunteer s day	Cleanliness	50
2018	0	0	23/10/2018	1	Voter Enrollment Awesomeness Program	Responsibility	50
2018	0	0	15/10/2	1	First	Health	60

			018		Aid learning Program		
2018	0	0	07/09/2018	1	Say no to bad habits save the youth Rally	Health	112
2018	0	0	27/07/2018	1	Yoga on the occasion of Guru Pournami	Health	165
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct	09/06/2018	http://www.khitguntur.ac.in/StudentsCodeConduct.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Teachers Day Celebration (Birth Anniversary of Dr. Sarvepalli Radhakrishnan)	05/09/2018	05/09/2018	1800
Engineers Day Celebration (Birth Anniversary of Sir Vishweshwaraya)	15/09/2018	15/09/2018	1870
Human Rights Day	10/12/2018	10/12/2018	200
Yoga Day	21/06/2018	21/06/2018	250
Women's Day	08/03/2019	08/03/2019	320
Constitution Day	26/11/2018	26/11/2018	143
Vigilance Week	29/10/2018	03/11/2018	245
National Education Day	11/11/2018	11/11/2018	400
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

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 nonrenewable 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 ewaste materials in an appropriate way make the campus pollution free and a hygienic one. e - Waste Management: The ewaste 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 plus 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 so

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices Best Practices1 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. 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 Practice2: 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. 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 : 10, 00000 Scholarships to the toppers 1. Goal: Encouraging and motivating the students to excel in academics. The Context: Motivating the students to get cash prize to first and second toppers in each section of each class of a branch. 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 prize 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. Problems encountered and resources required: To say frankly, 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.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://khitguntur.ac.in/IOAC.php#IOACPractice.php>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The primary objective of the institution is the pursuit of Academic Excellence and Placements. It is well understood from the vision and mission statements of KHIT to emerge as a place of brilliance providing technological Knowledge and Research oriented exploration while imbibing professional human values in making students to meet the global standards. The various programs and activities that have been implemented to achieve the above are listed below: • English Communication skills and Campus Recruitment Training classes were introduced at the 2nd year, 3rd year and 4th year levels. • Laboratory Learning is enriched at the institutional level by incorporating with advanced add-on experiments and Hobby Projects. • Students are encouraged to present technical seminars by collecting literature on advanced technology using power point presentation. • Technology workshops are organized with active student participation. Internships and Industry Oriented mini projects are made part of their curriculum to impart practical knowledge in industrial processes. • Institute Innovation Council and Entrepreneurship Development Cell are organizing Boot camps and Webinars for promoting innovation and Entrepreneurship amongst the student community. As a result of the above initiatives KHIT's distinctiveness is reflected in the following mentioned achievements. Distinctive features of the institution: • Students Centric learning methods such as Experiential Learning, Participative Learning and • Problem solving methods are implemented. • The institution follows strict implementation of curriculum planning and delivery. • The college strictly adheres to the academic calendar as prescribed by university. • The latest educational practices like outcome based education are implemented. • The college has achieved 60 record in placements for eligible students. • Students

are encouraged to take up entrepreneurship by imparting training. • Students are encouraged to participate in cultural and sports events. • College conducts many extension activities through NSS. • The Institution received recognition for its significant contribution.

Provide the weblink of the institution

<http://khitguntur.ac.in/IOAC.php#Performance.php>

8.Future Plans of Actions for Next Academic Year

• Improving employability of graduates by conducting skill development training programs. • Improving teachinglearning process by encouraging use of ICT in education • Strengthening of research by motivating the faculty to participate in conferences and workshops. • Establishment of industry sponsored incubation center for promoting startup culture on the campus • Improving the overall social betterment of nearby villages by organizing Exchange of knowledge / awareness programs.