



NEWSLETTER

# SPECTRUM

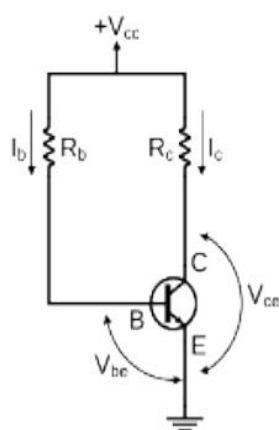
## ECE DEPARTMENT

A.Y.

# 2024-25

**Volume :09**

**Issue:01**



**CHIEF EDITOR:**

Dr. S. Suryanarayana Prof & HOD, ECE

**EDITORS:**

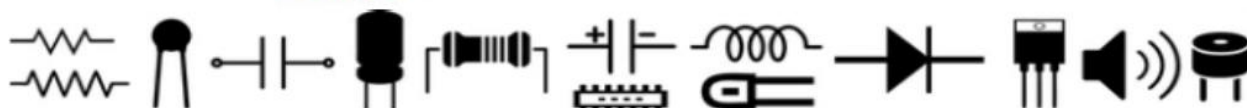
Dr.JVK Ratnam, Professor, ECE

Dr.K.Rajkamal, Professor, ECE

Dr.K.Srilatha Assoc.prof, ECE



**KALLAM HARANADHAREDDY  
INSTITUTE OF TECHNOLOGY**





**Kallam Haranadhareddy**  
Institute of Technology  
(Affiliated to JNTUK, Approved by AICTE)



Quality  
Discipline  
Commitment



**SRI KALLAM MOHAN REDDY**  
President, KHIT

## ABOUT US

In an era where science and technology stand as pivotal pillars shaping the fabric of society, the demand for proficient technocrats has never been more pronounced. Recognizing this imperative, Kallam Group of Industries, under the visionary guidance of its founder and chairman, Late Sri Kallam Haranadhareddy garu, took a monumental stride towards education. Thus, emerged the esteemed Kallam Haranadhareddy Institute of Technology (KHIT) in 2010, nestled amidst the serene environs of Chowdavaram, a verdant oasis located just 10 km from Guntur along the tranquil expanse of the Chilakaluripet highway on NH-16. This institute stands as a testament to a commitment towards fostering excellence in technical education, boasting not only state-of-the-art infrastructure but also a faculty of eminent scholars and practitioners. With an unwavering dedication to nurturing technically adept professionals, it extends the legacy of success from industry to academia, ensuring that each student who graces its halls emerges not just as a graduate, but as a capable architect of tomorrow's technological landscape.



**Dr. M. Uma Sankar Reddy**  
Ph.D (BHU) Director, KHIT



**Dr. B.S.B. Reddy**  
Ph.D., (IIT-KGP) Principal, KHIT

## VISION

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

## MISSION

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

## About KHIT:

KHIT is committed to producing technically adept professionals through state-of-the-art infrastructure, a well-qualified faculty, and a robust academic framework. The campus features well-equipped departmental blocks, modern lecture halls, seminar rooms, an extensive central library, advanced laboratories, workshops, comfortable hostels, dining facilities, and excellent sports amenities. The institution takes pride in preparing students with both academic excellence and social skills, empowering them to excel among their peers.



Inspired by the visionary leadership, industrial acumen, and philanthropic principles of its founder, KHIT redefines quality higher education and research, striving to leave a lasting impact on its students and the community at large.





## Vision of the Department

*To impart quality technical education to the learners inculcating the professional skills and knowledge embedded with socio-ethical values in the field of Electronics & Communication Engineering to develop solutions for global challenges.*

## Mission of the Department

- To impart quality education through industry-relevant curriculum, state-of-the-art laboratories, conducive teaching-learning environment with scope for continuous improvement.*
- To encourage students to pursue higher education with the latest technological developments and to become entrepreneurs.*
- To inculcate the consciousness among students towards ethical values while developing innovative solutions to meet societal needs and social responsibility.*
- To prepare students to adopt the lifelong learning needed for a sustainable professional career.*

## About Department:

*The Department of Electronics and Communication Engineering is one of the departments that started at the time of inception of Kallam Haranadhareddy Institute of Technology in 2010 with an intake of 60 B.Tech. students. Expanding its horizons over the years, the department presently offers B. Tech. ECE programme with an intake of 180.. The B. Tech. ECE Programme was accredited by the National Board of Accreditation (NBA) under Tier II in 2018 and 2022.*

*The department has adequate well-equipped state-of-the-art laboratories for Electronic Circuits, Basic Simulation, Digital Logic Design, Analog & Digital Communications, Linear IC applications, Digital Signal Processing, Microprocessors and Microcontrollers, VLSI design and Microwave & Optical communications. Softwares available includes latest versions of MATLAB, Mentor Graphics, Xilinx and Co-design tools to name a few. The Department has a dedicated Computer Centre, Research Centre, and Project Lab facilities for UG and PG students.*

## Program Educational Objectives(PEOs)

- PEO1** Exhibit a strong foundation in Electronics&Communication Engineering principles, enabling them to solve complex engineering problems using analytical, computational and experimental tools in various Electronics and Communication systems.
- PEO2** Apply Electronics &Communication Engineering knowledge and innovative thinking in Contributing to the design, development and testing of systems that meet societal, industrial and environmental needs.
- P03** Communicate effectively, demonstrate professionalism, collaboration, ethical attitude, Team spirit and pursue lifelong learning to achieve career, organizational and societal goals.

## Program Outcomes (POs)

1. **Engineering Knowledge (PO1):** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to solve complex engineering problems.
2. **Problem Analysis (PO2):** Identify, formulate, review research literature, and analyze complex engineering problems using principles of mathematics, natural sciences, and engineering sciences.
3. **Design/Development of Solutions (PO3):** Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health, safety, cultural, societal, and environmental factors.
4. **Conduct Investigations of Complex Problems (PO4):** Use research-based knowledge and research methods including design of experiments, analysis, and interpretation of data to provide valid conclusions.
5. **Modern Tool Usage (PO5):** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of limitations.
6. **The Engineer and Society (PO6):** Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal, and cultural issues relevant to professional engineering practice.
7. **Environment and Sustainability (PO7):** Understand the impact of engineering solutions in societal and environmental contexts and demonstrate knowledge of sustainable development.
8. **Ethics (PO8):** Apply ethical principles and commit to professional ethics, responsibilities, and norms of engineering practice.
9. **Individual and Team Work (PO9):** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
10. **Communication (PO10):** Communicate effectively on complex engineering activities with the engineering community and with society at large, including the ability to comprehend and write reports, design documentation, make effective presentations, and give and receive clear instructions.
11. **Project Management and Finance (PO11):** Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long Learning (PO12):** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## Program Specific Outcomes (PSOs)

- PSO1:** **Apply** the **concepts** of Electronics and Communication engineering **to design and develop systems** to meet current and future needs of the society.
- PSO2:** **Design and integrate Electronic communication systems** using **modern techniques** and **tools** to meet societal needs.
- PSO3:** **Develop skills through experiential learning** and able to function effectively as an **individual** oars a **team member, fostering innovation and entrepreneurship**.

## Editorial Board

### CHIEF EDITOR

Dr. S. Suryanarayana  
Prof & HOD, ECE

### EDITORS

Dr. JVK Ratnam  
Professor, ECE  
Dr. K.Rajkamal  
Professor, ECE  
Dr.K.Srilatha  
Assoc.prof, ECE

### FACULTY MEMBERS

Dr. P.Ranjithkumar, Assoc.prof,  
Mrs. V. Santhisri , Assoc.prof ,  
Mr. Y.Murali krishna , Assoc.prof.

### STUDENT MEMBERS

K. Raveendra Kumar,  
G. Sowmya Ratna,  
D. Hemanthi.

The Department of Electronics and Communication Engineering proudly presents **SPECTRUM** , the official newsletter of **Kallam Haranadha Reddy Institute of Technology**. This newsletter serves as a platform to showcase the academic achievements, innovative projects, research contributions, student activities, and departmental events. It reflects the vibrant spirit of the department and highlights the collective efforts of faculty, students, and alumni in advancing knowledge and technology.

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**THE POWER OF ECE LIES IN  
TRANSFORMING  
INVISIBLE WAVES**



**INTO VISIBLE CHANGE**

## Workshops/Seminars/Guest Lectures conducted:

S.No	Name of the Event organized	Event Type	Date	Resource Person with Affiliation
1	Digital Image Processing using MATLAB	Workshop	19-20 July 2024	Dr. L.Nagasrinivas Associate Professor, ECE Dept. Dhanekula Institute of Engg & Tech , Vijayawada-521139
2	Microwave Antennas	Seminar	30 Aug 2024	Dr U.V.Ratna Kumari Professor, Dept.of ECE, University College of Engg, Kakinada, JNTUK
3	Strategies to propel Students into careers: An Educator's Guide	Live Webinar	8 Aug 2024	Mr. Prasad Chandran, Training Manager, FacePrep
4	VLSI Design	Guest Lecture	13 Sept 2024	Dr. K.Srinivas Rao Professor, Dept of ECE,KLU, Vijayawada
5	Low Power VLSI Design	Seminar	22 Oct 2024	Dr.N.Balaji Professor, Dept. of ECE, University College of Engg, Kakinada, JNTUK
6	Kick Start with Cybersecurity	Webinar	29 Oct 2024	Umakanth Tripathi, Director, Cyber Security, LTIMINDTREE
7	Digital Design Through Arduino	Workshop	14&15 Nov 2024	Dr. Shaik Jakeer HussainVignan's Foundation for Science, Technology and Research(Deemed to be University), Vadlamudi, Guntur-522213
8	Recent trends in Carbon Nano materials	Seminar	4 Dec 2024	Dr. Ch. Srinivasa Rao Professor & Dean (R&D), KHIT
9	Internet of Things using Arduino	Workshop	12&13 Dec 2024	Dr. Kolluru Raju Professor, Dept. of ECE, Narasaraopeta Engineering College, Narasaraopet, Andhra Pradesh
10	Antenna Design using CST software	Workshop	13-14 Dec 2024	Dr. Nagandla Prasad Associate Professor GMR Institute of Technology, Rajam



11	Mathematical Perspective of Image Processing using MATLAB	Workshop	27-28 Dec 2024	Dr.J Yedukondalu Associate professor ECE Department QIS College of Engineering and Technology, Ongole.
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## Training Programmes:

S. No.	Training Program	Program Offered	Purpose	Date	SPOC (In-charge)	Target Group
1	Daily CodeQuest	CODETANT RA	PAN India Test Preparation	17-07-2024 to 15-08-2024	CGTP CELL, KHIT	All 2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> Year B.Tech Students
2	"AlgoMaster"	Programming Hub, KHIT	Technical training	19-08-2024 to 14-09-2024	CGTP CELL, KHIT	All 2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> Year B.Tech Students
3	CTS Test series	SIX phrase	Company Specific	12-09-2024 to 22-09-2024	CGTP CELL, KHIT	IV B.Tech

## Career Guidance Programmes:

S.No	Name of the Event organized	Event Type	Date	Resource Person with Affiliation
1	Evaluation of AI and its Impacts	Career Talk	5 July 2024	Badrinath Nukala, Associate Consultant, KPMG.
2	Essential Skills for Industry Success	Career Talk	20 July 2024	Valmik Sangale, General Manager, MAGNA.
3	Orientation on Hackathon	Awareness Session	27 July 2024	Mr. Sridhar Arumugasamy, Director, Six Phrase
4	Career Opportunities in the Cybersecurity Field	Career Talk	21 Dec 2024	Mr. Ummed Meel, Cyber Expert- Cyber Advisory Services

## Students Certification Programmes:

S. No.	Assessment/ Certification	Program Sponsored	Date	Target Group
1	AICTE EduSkills Cohort-9	EduSkills	2-07-2024 to 30-08-2024	All 2 <sup>nd</sup> and 3 <sup>rd</sup> year B.Tech
2	KHITCODESPRINT-2024	CGTP Cell, KHIT	24-09-2024 & 25-09-2024	All 2 <sup>nd</sup> , 3 <sup>rd</sup> &4 <sup>th</sup> B.Tech
3	Three-Day Google AIML Tech Camp	EduSkills	11-11-2024 to 13-11-2024	3 <sup>rd</sup> B.Tech Students
4	One Week IBM Skill Build Tech Camp	EduNet	25-11-2024 to 30-11-2024	3 <sup>rd</sup> B.Tech Students
5	CISCO Skill-A-Thon	CISCO	1-12-2024 to 15-12-2024	2 <sup>nd</sup> B.Tech Students
6	AICTE EduSkills Cohort-10	EduSkills	1-09-2024 to 30-12-2024	All 2 <sup>nd</sup> and 3 <sup>rd</sup> year B.Tech

## Professional Membership of Students:

S. No.	Name of the Student	Roll No.	Professional Society	Membership No.
1	Bandi Ashok Kumar	218X1A04D5	IETE	285636
2	Koliboyina Bhargav	218X1A0435	IETE	285637
3	Korisapati Sri Ratna Prabha	218X1A0437	IETE	285638
4	Burri Bhavani	218X1A0449	IETE	285639
5	Chimata Prameela	218X1A0450	IETE	285640
6	Mohammad Arshadulla Khan	218X1A0468	IETE	285641
7	Pamarthi Gokul	218X1A0480	IETE	285642
8	Pathan Rizwana Khan	218X1A0483	IETE	285643
9	Repalle Rajyalakshmi	218X1A0492	IETE	285644
10	Shaik Anshu	218X1A0494	IETE	285645
11	Shaik Nagulmeera	218X1A04A1	IETE	285646
12	Mamidala Pavani	218X1A04E8	IETE	285647
13	Muppalla Harshitha	218X1A04F0	IETE	285648
14	Tellamekala Naga Sucharitha	218X1A04G0	IETE	285649
15	Valaparla Sowjanya	218X1A04G6	IETE	285650
16	Vangala Naga Sravani	218X1A04G7	IETE	285651
17	Velithota Yamini	218X1A04G8	IETE	285652
18	Shaik Shabana	218X1A04I1	IETE	285653
19	Kalisetty Revanth	218X1A04I9	IETE	285654
20	Amirneni Ramya	218X5A0402	IETE	285659
21	Alavala Vennela	218X1A0448	IETE	327360
22	Pulivarthi Karthik	218X1A0486	IETE	327361
23	Athotha Sowjanya	218X1A0402	IETE	327362
24	Bellam Bhavana	218X1A0406	IETE	327365
25	Ustela Abhinay Reddy	218X1A04I3	IETE	327366
26	Kojja Thrisha	218X1A0431	IETE	327367
27	Ganjimala Sowmya Ratna	228X1A0458	IETE	327343
28	Jinkala Venkata Sai	228X1A04B3	IETE	327344

29	Dande Lakshmi Nikhil	228X1A0420	IETE	327345
30	Ammalaboyina Vijaya Durga	228X1A0403	IETE	327346
31	Marthala Kailashreddy	228X1A04H5	IETE	327347
32	Marella Hemanthi	228X1A04H3	IETE	327348
33	Bommireddy Greeshmanth Reddy	228X1A0413	IETE	327349
34	Kothapuli Vineetha	228X1A04H1	IETE	327350
35	Pasupuleti Lasya Sri	228X1A0476	IETE	327351
36	Yalagala Siva Manisha	228X1A04D4	IETE	327352
37	Vinukonda Prameela	228X1A04G7	IETE	327353
38	Koka Naga Sirisha	228X1A0437	IETE	327355
39	Bethamcherla Krishna Sasi Rekha	228X1A0450	IETE	327356
40	Chennamsetty Naga Rupa	228X1A0417	IETE	327357
41	Allam Venkata Srilakshmi Mani	228X1A0401	IETE	327358
42	Kalahasthi Mounika Lakshmi	228X1A0435	IETE	327359
43	Bethapudi Yaswanth	228X5A0402	IETE	327363
44	Daggula Alekya	218X1A04D7	IETE	327364
45	Gonepudi Jyoshna	228X1A0426	IETE	327342
46	Pasupuleti Moulika Sai Lakshmi	228X1A0477	IETE	327354
47	Dudiki Naga Sowmya	238X1A0459	IETE	Applied
48	Nalabolu Akhila	238X1A0468	IETE	Applied
49	Tadiboina Jahnavi	238X1A0498	IETE	Applied
50	Ravulapalli Srinadh	238X1A04F6	IETE	Applied
51	Shaik Roobi	238X1A0493	IETE	Applied
52	Thumuluru Ysaswini	238X1A04A4	IETE	Applied
53	Manchala Venkata Lakshmi Padmavathi	238X1A0444	IETE	Applied
54	Shaik Afreen	238X1A0487	IETE	Applied
55	Mekala Ragamayi	238X1A04C0	IETE	Applied
56	Duggempudi Nagamani	238X1A0417	IETE	Applied
57	Kadiyam Sai Venkata Suchithra	238X1A0465	IETE	Applied
58	Kurri Navya	238X1A0440	IETE	Applied



## Participation in inter-institute events by students:

Active participation of students in technical events such as quizzes, paper presentations, poster presentations, coding competitions, and workshops plays a vital role in their overall development. These activities not only enhance technical knowledge and analytical skills but also encourage creativity, teamwork, and innovative thinking. By engaging in such platforms, students gain confidence, improve communication skills, and prepare themselves to meet the challenges of the professional world.

S.No	Regd. No.	Name of The Student	Name of The Event	Event dates	Name of the Organizing Inst.	Merit/ Participation
1	228X1A0418	Ch.Gowthami	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	I
2	228X1A0498	T.Charan Teja	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	I
3	228X5A0415	T.Kali Chaitanya Vara Prasad	Project Expo	27 -09-2024	KHIT SAMKALP-2K24	Participation
4	228X1A04A0	G.Kusuma Reddy	Poster Presentation	27 -09-2024	KHIT SAMKALP-2K24	II
5	228X1A04A9	M.Naveena	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
6	218X1A04C6	P.Dinesh Reddy	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
7	218X1A0473	V.Yamini	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
8	218X1A04A1	Sk.Nagul Meera	Project Expo	27 -09-2024	KHIT SAMKALP-2K24	Participation
9	218X1A04E1	K.Yaswanth Sarma	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
10	218X1A04E0	E.Yugesh	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
11	218X1A0470	M.Srinivas	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
12	218X1A0467	M.Meghana	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
13	218X1A04H1	V.Venkatesh	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
14	228X5A0419	T.Gopal	Technical Quiz	27 -09-2024	KHIT	Participation

					SAMKALP-2K24	
15	218X1A04I1	Shaik Shabana	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
16	218X1A04G2	T.Komalatha	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
17	218X1A04G3	T.Vijay	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
18	218X1A0410	D.Chandra Mamatha	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
19	218X1A0413	G.Kranthi Kumar	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
20	218X1A0418	J.Harshitha Reddy	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
21	228X1A0408	A.Naga Poojitha	Poster Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
22	228X1A0447	M.Naveena	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
23	228X1A0413	B.Greeshmant h Reddy	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
24	228X1A0423	D.Vasanthi	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	I
25	228X1A0469	M.Durga Prasad	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	I
26	228X1A0417	Ch.Naga Rupa	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	I
27	218X1A0459	K. Manideep	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
28	218X1A0453	G. Ayyappa	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
29	218X1A0449	B. Bhavani	Poster Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
30	228X1A0449	B. Indrasena Reddy	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
31	228X1A0410	B. Ashok Kumar	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
32	228X1A0419	D. Charan	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
33	228X1A04G0	B.Pravallika	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation

34	228X1A04F6	M. Nagendrababu	Poster Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
35	218X1A04E0	E. Yugesh	Poster Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
36	218X1A04E9	M. Abhinai	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
37	218X1A04F2	P.Yadunandan	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
38	218X1A04I3	U. Abhinay Reddy	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
39	218X1A04C7	P.Narendra Reddy	Poster Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
40	228X5A0410	N. Hari Narayana	Poster Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
41	218X1A04C0	P. Triveni	Poster Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
42	218X1A04A9	B. Vamsi Krishna	Project Expo	27 -09-2024	KHIT SAMKALP-2K24	Participation
43	218X1A04B5	M.Pravallika	Project Expo	27 -09-2024	KHIT SAMKALP-2K24	Participation
44	228X1A0430	I. Akhila	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
45	228X1A0439	K.Pavani	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
46	228X1A0464	K.Bhargavi	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
47	228X1A04C2	M.Aishwarya	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
48	228X1A04C7	N. Venkata Sai	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
49	228X1A04D6	Y.Srikanth Reddy	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
50	228X1A04D8	Y.Pravallika	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
51	228X1A04E4	Ch.Bhavya	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
52	228X1A04F2	J.Sangeetha Rao	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
53	228X1A04H3	M.Hemanthi	Paper Presentation	27 -09-2024	KHIT	Participation



					SAMKALP-2K24	
54	228X1A04H8	O.Deva Raj Kumar	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
55	228X1A04I9	T. Harish	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
56	228X1A04J2	Y. Bala Chakradhar	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
57	218X1A0405	B. Lava Kumar	Project Expo	27 -09-2024	KHIT SAMKALP-2K24	Participation
58	218X1A0434	K. Vennela	Project Expo	27 -09-2024	KHIT SAMKALP-2K24	Participation
59	218X1A0447	M.Jashuva	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
60	218X1A0461	K.Harish	Paper Presentation	27 -09-2024	KHIT SAMKALP-2K24	Participation
61	218X1A0470	M. Srinivas	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
62	218X1A04D4	A.Ajay Babu	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
63	218X1A04E4	K.Raveendra Kumar	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
64	218X1A04F8	T. Ramya Sri	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
65	218X1A04H6	P.Balayesu	Technical Quiz	27 -09-2024	KHIT SAMKALP-2K24	Participation
66	228X1A0432	J.Sravanthi	Circuitron	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
67	228X1A0427	G.Rajeswari	Circuitron	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
68	228X1A0422	D.Poojitha	Circuitron	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
69	228X1A0401	A.V.S.L.Mani	Circuitron	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
70	228X1A0448	A.Lakshmi Kanth	Circuitron	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
71	228X1A0436	K.Sri Ram	Circuitron	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
72	228X1A0438	K.Sowjanya	Circuitron	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation

73	228X1A0426	G.Jyoshna	Brain Blast	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
74	228X1A0451	Ch.Naga Poojitha	Brain Blast	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
75	228X1A0418	Ch.Gowthami	Brain Blast	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
76	228X1A0409	B.Tilak	Brain Blast	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
77	228X1A0404	A.Pavan Kumar Reddy	Brain Blast	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
78	228X1A0408	A.Naga Poojitha	Brain Blast	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
79	228X5A0418	Y.Bala Naga Sai Anush	Techno Trick(Tech Puzzle)	28-12-2024	RVR&JC TECHSPAR DHA-2K24	I
80	218X1A04A8	A. Arjun Reddy	Technical Quiz	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
81	218X1A04C0	P.Triveni	Technical Quiz	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
82	228X5A0413	Sk.Parvin	Technical Quiz	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
83	218X1A04J3	V. Sai Kishore	Technical Quiz	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
84	238X5A0410	S. Kasaiah	Project Expo	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
85	228X1A04I5	S. Jaswanth	Project Expo	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
86	238X5A0414	B. Lokesh	Poster Presentation	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
87	238X5A0415	J.Lavanya	Poster Presentation	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
88	228X1A04I5	S. Jaswanth	Poster Presentation	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
89	228X1A04B3	J.Venkata Sai	Paper Presentation	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
90	238X5A0404	J.Prakash Varma	Paper Presentation	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
91	228X1A04A2	V.Vasanthi	Technical Quiz	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation
92	228X1A0456	G. Preethi	Technical Quiz	28-12-2024	RVR&JC TECHSPAR DHA-2K24	Participation

93	218X1A0406	B.Bhavana	Workshop	19-12-2024	NEC, Narasaraop eta,AP	Participation
94	228X1A0403	A.Vijaya Durga	Workshop	19,20-12- 2024	NEC, Narasaraop eta,AP	Participation
95	228X1A0408	A.Naga Poojitha	Workshop	19,20-12- 2024	NEC, Narasaraop eta,AP	Participation
96	228X1A0413	B.Greeshmant h Reddy	Workshop	19,20-12- 2024	NEC, Narasaraop eta,AP	Participation
97	228X1A0418	Ch. Gowthami	Workshop	19,20-12- 2024	NEC, Narasaraop eta,AP	Participation
98	218X1A04D9	D.Venkatesh	Workshop	19,20-12- 2024	NEC, Narasaraop eta,AP	Participation
99	218X1A04E4	K.Raveendra Kumar	Workshop	19,20-12- 2024	NEC, Narasaraop eta,AP	Participation

## GRADUATION DAY



The **Graduation Day** for the **2020 batch students** of *Kallam Haranadha Reddy Institute of Technology & Science* was celebrated with grandeur and heartfelt enthusiasm in the academic year **2024–25**. The occasion was a proud and memorable milestone, bringing together students, faculty, distinguished guests, and parents to honor the academic journey and accomplishments of the graduating class. The event not only celebrated their hard work, perseverance, and achievements but also marked the beginning of a new chapter as they step forward with confidence to embrace future endeavors. It was a day filled with joy, pride, and cherished memories, leaving an indelible mark on everyone present.

The event was an unforgettable blend of emotions—**the joy of achievement and the pride of graduation, along with the heartfelt sorrow of bidding farewell** to cherished college days, beloved teachers, and dear friends. It was a day where smiles and tears came together, as students looked back on their journey with gratitude and forward to their future with hope. The presence of faculty, parents, and peers made the occasion truly special, turning it into a memorable milestone in the lives of the graduating class.





## Professional Membership of Faculty:

The faculty members of the Department of Electronics and Communication Engineering are actively associated with professional bodies such as **ISTE (Indian Society for Technical Education)** and **IETE (Institution of Electronics and Telecommunication Engineers)**. These memberships provide a platform for continuous learning, knowledge sharing, research collaboration, and professional networking. Such affiliations enable our faculty to stay updated with emerging technologies, adopt innovative teaching methodologies, and guide students towards excellence in academics and research.

S. No.	Name of the Faculty	Designation	Professional Society	Membership No.
1	Dr. S. Suryanarayana	Prof. & HOD	IETE	F500381
2	Dr. JVK Ratnam	Professor	IETE	M215179
3	Mr. K. Srinivasarao	Professor	IETE	M500382
4	Dr. S. Suryanarayana	Prof & HOD	ISTE	LM32389
5	Dr. JVK Ratnam	Professor	ISTE	LM61126
6	Mr. K.Srinivasarao	Associate Professor	ISTE	LM112261
7	Mr. D.Ramanayudu	Associate Professor	ISTE	LM112262
8	Mrs. V.Santhisri	Associate Professor	ISTE	LM73504
9	Mr. A.Manikanth	Associate Professor	ISTE	LM112264
10	Mr. Y.Murali Krishna	Associate Professor	ISTE	LM112268
11	Mr. M.Sudhakarreddy	Associate Professor	ISTE	LM130919
12	Mr. K.Mohan Krishna	Assistant Professor	ISTE	LM130921
13	Mr. G.Manojkumar	Assistant Professor	ISTE	LM130917
14	Mr. M.Sudhir	Assistant Professor	ISTE	LM114069

## Papers presented in Conferences/Journals by the faculty:

S. No	Name of the Faculty	Title of Paper	Title of the Proceedings of the Conference	Month & Year of Publications	ISBN /ISSN
1	Dr.Ranjith Kumar Painam	Development of image Denoising techniques in Noisy environment using deep learning with multi-modal image fusion techniques	International Conference on ICCICT-NOV 2024	NOV 2024	ISBN:97 810035 59092
2	Mr. I. Rama Koteswararao	Multiband Planar Sierpinski Bow-Tie Antenna Design for IOT Applications	Intelligent Algorithms for Computational Intelligence Systems (IACIS), International conference	OCT 2024	ISBN:09 73-4562

## Faculty Development Programs attended by the faculty:

S.No.	Name of the Faculty	FDP/ Workshop/ Seminar/ STTP	Title of the Program	From Date	To Date	Organization
1	Mrs.Gali Prasanthi	FDP	Introduction to Internet of Things	Jul-24	Oct-24	NPTEL-AICTE
2	Mr.Bandi Rama chandrareddy	NPTEL	Introduction to algorithms and analysis	Jul-24	Oct-24	NPTEL ONLINE CERTIFICATION
3	Mr.Bandi Rama chandrareddy	NPTEL	VLSI Design flow :RTL to GDS	Jul-24	Oct-24	NPTEL ONLINE CERTIFICATION
4	Mrs. V.Santhisree	FDP	Advanced materials and emerging technologies: from electronics to sustainable energy solutions	23-09-24	28-09-24	KL University
5	Dr.S.Surya Narayana	FDP	VLSI design Innovations for Defence Applications	09-12-24	14-12-24	GMRIT
6	Dr. SriJaya Lakshmi	FDP	VLSI design Innovations for Defence Applications	09-12-24	14-12-24	GMRIT
7	Dr.J.V.K.Ratnam	FDP	VLSI design Innovations for Defence Applications	09-12-24	14-12-24	GMRIT



8	Mr.I.Ramakoteswara Rao	FDP	VLSI design Innovations for Defence Applications	09-12-24	14-12-24	GMRIT
9	Mrs.Dasari Meena	FDP	VLSI design Innovations for Defence Applications	09-12-24	14-12-24	GMRIT
10	Mrs.Dasari Meena	FDP	Harnessing Digital Twin Technologies to Industry 4.0 / 5.0 for Sustainable Green Manufacturing	16.12.24	21.12.24	KIT-KALAIKARNKARUN ANIDHI INSTITUTE OF TECHNOLOGY

## ASSOCIATION

### Association of Electronics & Communication Engineers (AECE):

The Association of Electronics & Communication Engineers (AECE) is an integral part of the Electronics and Communication Engineering Department established in Sept, 2016.

AECE encourages the academic and scientific development of the department's student Community through various activities such as project competitions, technical workshops, technical quizzes and Invited talks by experts. Annually, the AECE hosts technical workshops, job/internship talks and involves the students in conducting social activities.



### AECE Executive Body

S.No	Role	Name and Designation
1	Faculty Advisor	Mr. A. Manikanth, Assoc.Prof, ECE Dept.
2	Student Chair person	K. Raveendra Kumar - 218X1A04E4
3	Student Secretary	J. Giridharreddy - 228X1A0434
4	Member1	Pathan Rizwana Khan - 218X1A0483
5	Member2	M. Swathi - 228X1A04B8
6	Member3	V. SaiPavan - 228X1A04D3
7	Member4	Y. Siva Manisha - 228X1A04D4
8	Member5	Ch. NagaLokesh - 238X1A04D2
9	Member6	Sd. Yasin - 238X1A0497
10	Member7	D. Hemanthi - 238X1A0415
11	Member8	B. Pandu Rangareddy - 238X1A0455



Hearty congratulations to all the students of the Department of Electronics and Communication Engineering for their outstanding performance in the **4-2, 3-2, 2-2 and 1-2 examinations**. The remarkable results are a reflection of your dedication, hard work, and commitment towards academic excellence. We appreciate the continuous guidance of faculty members and the support of parents in shaping this success. *Wishing you continued success in all your future endeavors!*

### III B.TECH II SEMESTER (R20 A) Regular Examinations, April2024

S.No.	Hall Ticket No.	Student Name	Branch	SGPA	Rank
1	218X1A04A1	SHAIK NAGULMEERA	ECE	8.74	1
2	218X1A04I9	KALISSETTY REVANTH	ECE	8.65	2
3	218X1A0468	MOHAMMAD ARSHADULLA KHAN	ECE	8.47	3
4	218X1A0486	PULIVARTHI KARTHIK	ECE	8.42	4
5	218X1A04G0	TELLAMEKALA NAGA SUCHARITHA	ECE	8.42	4
6	218X1A0494	SHAIK ANSHU	ECE	8.28	5

### II B.TECH II SEMESTER (R20 A) Regular Examinations, April2024

S.No.	Hall Ticket No.	Student Name	Branch	SGPA	Rank
1	228X1A04B3	JINKALA VENKATA SAI	ECE	8.94	1
2	228X1A04D4	YALAGALA SIVA MANISHA	ECE	8.86	2
3	228X1A0437	KOKA NAGA SIRISHA	ECE	8.82	3
4	228X1A0458	GANJIMALA SOWMYA RATNA	ECE	8.82	3
5	228X1A04H1	KOTHAPULI VINEETHA	ECE	8.82	3
6	228X1A0438	KOLLA SOWJANYA	ECE	8.71	4
7	228X1A0426	GONEPUDI JYOSHNA	ECE	8.71	4
8	228X1A04A3	VAJRALA KAVYA	ECE	8.69	5

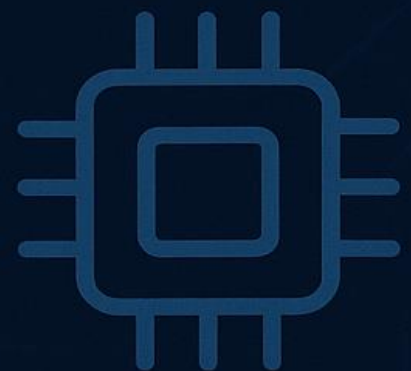
### I B.TECH II SEMESTER (R23) Regular Examinations, June2024

S.No.	Hall Ticket No.	Student Name	Branch	SGPA	Rank
1	238X1A04F6	RAVULAPALLI SRINADH	ECE	8.54	1
2	238X1A0465	KADIYAM SAI VENKATA SUCHITHRA	ECE	8.49	2
3	238X1A04E1	KONDA VISHNU PRIYA	ECE	8.46	3
4	238X1A04A4	THUMULURU YASASWINI	ECE	8.32	4
5	238X1A0459	DUDIKA NAGA SOWMYA	ECE	8.20	5



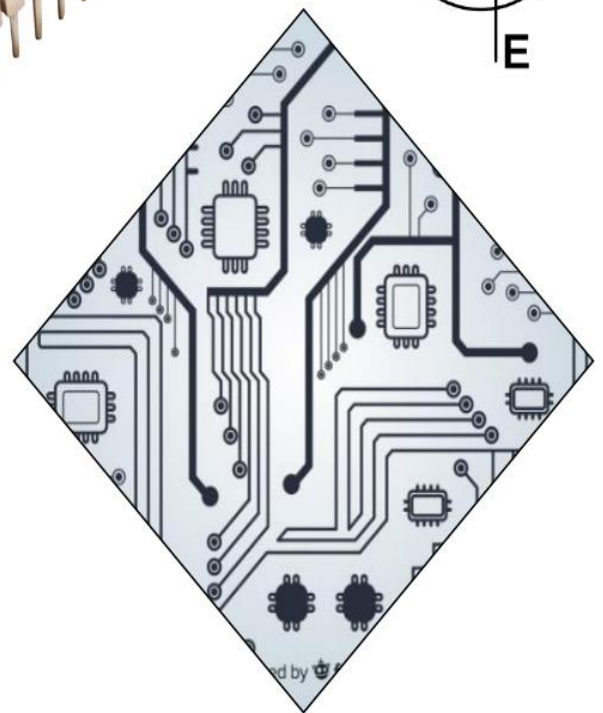
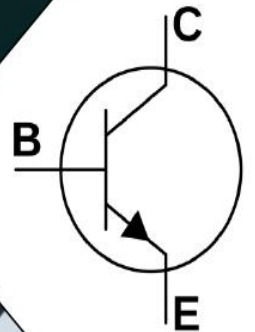
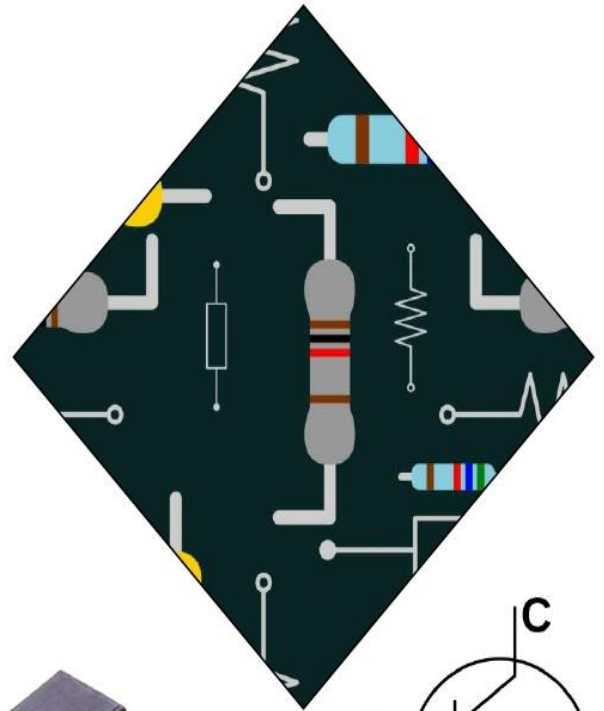
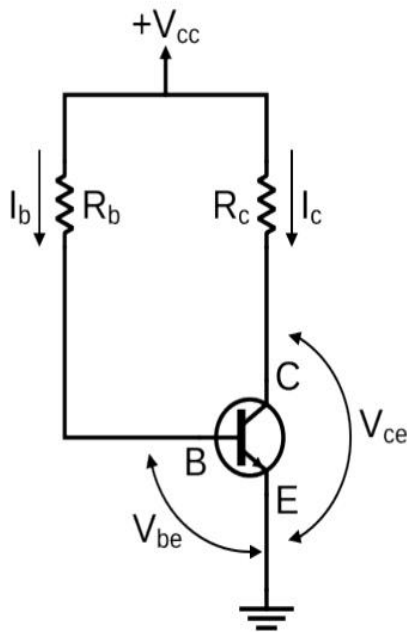


**From bits to  
bandwidth, from  
circuits to  
connectivity – ECE  
shapes the future  
of technology.**





# ECE DEPARTMENT



NEWSLETTER

## SPECTRUM



**KALLAM HARANADHAREDDY  
INSTITUTE OF TECHNOLOGY**