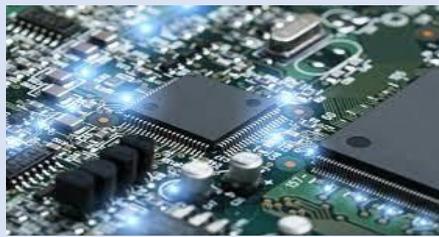


# COTERIE

## THE NEWSLETTER

February 2023 to September 2023

Department of Electronics & Communication Engineering



Dr. SMD Rasool  
Associate Professor &  
HoD, Editor

Dr. Altaf C  
Associate Professor  
Co-Editor-2

Ms. Shaik Muskaan  
ECE 4th Year, Student  
Coordinator

Mr. Yakub Pasha ECE  
3rd Year, Student  
Coordinator

Ms. Sanjana Thakur  
ECE 2nd Year, Student  
Coordinator



## LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY

(UGC Autonomous Institution)

Approved by AICTE/Affiliated to OU

Accredited 'A' grade by NAAC & NBA



## COLLEGE VISION

Lords Institute of Engineering and Technology strives continuously for excellence in professional education through quality, innovation and teamwork and to emerge as a premier institute in the state and across the nation.

## COLLEGE MISSION

- To impart quality professional education that meets the needs of present and emerging technological world.
- To strive for student achievement and success, preparing them for life, career and leadership.
- To provide a scholarly and vibrant learning environment that enables faculty, staff and students to achieve personal and professional growth.
- To contribute to advancement of knowledge, in both fundamental and applied areas of engineering and technology.
- To forge mutually beneficial relationships with government organizations, industries, society, and alumni.

## DEPARTMENT VISION

To provide State of Art facilities to impart Technical Education and Research in order to guide and motivate young Engineers in Electronics and Communication Engineering

## DEPARTMENT MISSION

- **DM1:** To make engineering education an enjoyable learning experience through challenging tutorials, mini-projects, assignments, and laboratory experiences.
- **DM2:** To impart training to students for good designing skills and exposure to Research & Development and innovations by using modern tools in frontier areas of Engineering and Project Management.
- **DM3:** To promote the overall development of graduates by developing their competencies in order to prepare them to be successful engineers/ entrepreneurs making them useful to society and also improve their ethical values.

**Note: DM:** Department Mission

### Program Educational Objectives (PEOs):

- **PEO1:** Graduates shall apply fundamental and advanced knowledge and skills in Engineering Sciences and Electronics & Communication Engineering while practicing ethical responsibilities in their career.
- **PEO2:** Shall provide solutions to complex Electronics and Communication Engineering problems with effective communication skills and managing the projects in all the aspects.
- **PEO3:** Graduates will recognize and incorporate the societal needs in their professional endeavors through Research & Development.
- **PEO4:** Graduates will be able to engage in lifelong learning to improve professionally.

### Program Specific Outcomes (PSOs):

- **PSO1: Professional Skills:** An ability to understand the basic concepts in Electronics & Communication Engineering and to apply them to various areas, like Electronics, Communications, Signal processing, VLSI, Embedded systems etc., in the design and implementation of complex systems.
- **PSO2: Problem-Solving Skills:** An ability to solve complex Electronics and Communication Engineering problems, using the latest hardware and software tools, along with analytical skills to arrive cost-effective and appropriate solutions.

### Program Outcomes (POs):

Engineering Graduates will be able to:

- **PO1: Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **PO2: Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **PO3: Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

- **PO4: Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **PO5: Modern Tool Usage:** 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 the limitations.
- **PO6: The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **PO7: Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **PO9: Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **PO11: Project Management and Finance:** Demonstrate knowledge and understanding of the 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.
- **PO12: Life-Long Learning:** 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.

## **THE FOUNDER AND CHAIRMAN'S MESSAGE:**

Lords is leveraging its expertise and capability to nurture the Institute as one of the best in the region. The whole idea is to facilitate learning through initiating, exploring and experimenting in a conducive environment. Lords was founded with a mission to promote excellence in the field of technical education and to provide quality training. Our campus is a rare blend of serene environment, well equipped infrastructure and a faculty enriched with technical knowledge. We strive to give professional education a new perspective and achieve perfection in all spheres. This gratifying ambience will nurture our students to be passionate about learning and to explore new realms of wisdom.



**Mr. BASHA MOHIUDDIN**  
Founder and Chairman

My solemn hope and earnest wish is that our diligent students bring honor and glory to our Institution and be worthy citizens of our country. Let your days at LORDS be highly rewarding!

## **SECRETARY'S MESSAGE:**

We, at Lords, focus on providing great academic ambience and learning environment for its students and faculty. Lords believes in creating and disseminating knowledge & skill in core areas through innovative Educational programs and developing a new cadre of Global professionals. Various programs such as Orientation day, Parents Meeting, Cultural Activities, Sports Activities, Technical Events, Faculty Development Programs, Inter college competitions, Guest lectures, Model Exhibitions etc. are conducted round the year to groom our students.

I invite you to be a part of this roller coaster ride and see yourself transformed personally and professionally at the end of your course.

**Mrs. RIZWANA BEGUM**  
Secretary

## **VICE CHAIRMAN'S MESSAGE:**

We are strongly committed to propel every student of our Institution to solve real world challenges. We aim to groom professionals to effectively manage unanticipated challenges and motivate them to excel. The Institute facilitates students with not only good campus and state of the art infrastructure facilities but also aims to groom their competencies that will make them leaders and trendsetters in their respective fields. We believe in exposing our students to all possible avenues of honing their skill sets be it Entrepreneurship, Research, Academics, Placements, Social and Professional Clubs, Higher Studies etc.



**Mr. SYED TOUSEEF AHMED**  
Vice Chairman

I invite you to experience our unparalleled offering to create the leaders and innovators of tomorrow.

## **PRINCIPAL'S MESSAGE:**

Our college has grown abundantly in the recent past. It continues to sustain its growth. People reading this newsletter will realize the tremendous changes that are happening on campus. The newsletter is presenting a glimpse of the growth of the institution on many fronts. The highly qualified and dedicated members of the staff have always stood shoulder to shoulder with the management and have carried out their duties with a high level of commitment.



**Dr. Ravi Kishore Singh**

B.E., M. Tech, Ph.D

This newsletter has recorded achievements such as conferences attended by staff members and students, competitions won by the hugely talented students, innovative projects carried out by students with the guidance of faculties, among others. Let's give our best and make this institution a modern sanctuary of learning through our diligence, devotion and dedication. I congratulate all the contributors and the editorial board for bringing out such a beautiful newsletter

### **HOD'S MESSAGE:**

It gives me immense joy to learn that our College has its deep roots in the field of education in the city of Hyderabad. I feel proud and privileged to be the part of this Magnificent Institution. At this juncture, I gratefully acknowledge the yeomen service rendered by the Visionary Predecessors, dedicated teachers and ever supporting parents who have worked selflessly and tirelessly to bring this newsletter of Electronics and Communication Engineering department.



**Dr. SHAIK MOHAMMAD RASOOL**  
HOD, ECE

I am pleased to acknowledge that our college lays its stress not just on academic excellence but also on “character formation with academic excellence”.

## Courses Offered:

S.NO.	NAME OF THE COURSE	INTAKE
1	B.E. Electronics and Communication Engineering	120

### DEPARTMENT ACHIEVEMENTS

- Accredited by **NBA** in 2011, 2017, 2020
- 33 students **got placed** in various companies in this semester in various on campus placement drives.
- Dr Shaik Mahammad Rasool, He got best research award from Dr Limbadri, Chairman of TSCHE, Organized by Nisaab educational trust on 21/05/2023.

## EVENTS ORGANIZED BY THE DEPARTMENT

### Board of Studies Meeting

**2<sup>nd</sup> Board of Studies Meeting (BoS) Meeting in Electronics and Communication Engineering Department** was conducted on **4<sup>th</sup> April 2023** and the members of BoS meeting are as follows

<b>BoS MEMBERS</b>			
<b>S No</b>	<b>Name of the Member</b>	<b>Designation</b>	<b>Category</b>
1	Dr. S Mohammad Rasool	Associate Professor & HOD, Dept. of Electronics and Communication Engineering, Lords Institute of Engineering and Technology, Hyderabad	Chairperson
<b>Nominee of Osmania University</b>			
2	Dr. Nirmala Devi	Professor & Chairperson, Board of Studies, ECE, Osmania University, Hyderabad	External Member
<b>Experts/ Academicians from outside the Parent University Nominated by Academic Council</b>			
3	Dr. D Nageswara Rao	Professor & HOD, Dept. of Electronics and Communication Engineering, TKR College of Engineering & Technology, Hyderabad.	External Member
4	Dr. S Thulasi Prasad	Professor, Department of ECE VJIT, Hyderabad	External Member
<b>Representation from Industry/Corporate Sector/Allied areas relating to placements</b>			
5	Mr. Aman Kumar	Senior Design Engineer, Alten Calsoft Lab, Hyderabad	External Member
<b>Meritorious alumnus to be nominated by the principal</b>			

6	Mrs. K. Aparna	System Engineering Consultant, Deloitte, Hyderabad	External Member
<b>Faculty Members from Department/Institution</b>			
7	Dr. C. Venkata Narasimhulu	Professor of ECE & Principal LIET, Hyderabad.	Internal Member
8	Dr. K. Shashidhar	Professor, ECE, LIET, Hyderabad.	Internal Member
9	Dr. Altaf.C	Associate Professor, ECE, LIET, Hyderabad.	Internal Member
10	Mr. MD Imaduddin	Associate Professor, ECE, LIET, Hyderabad.	Internal Member
11	Ms Sapna	Assistant Professor, ECE, LIET, Hyderabad.	Internal Member



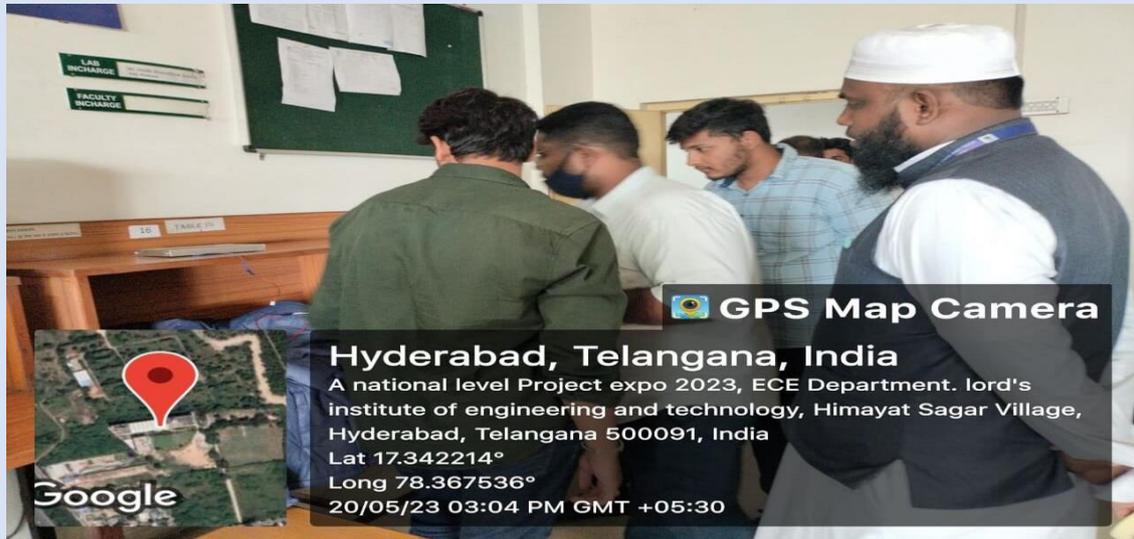
## Project Expo 2K23 and Signature Day 20/05/2023

Project Expo 2023 aimed to provide a platform for our students to exhibit their innovative projects, promote knowledge sharing, and encourage the spirit of collaboration among budding engineers. The event was graced by the presence of an esteemed guest, Mr. Sai Kumar Tara, Chairman of the IEEE Student Chapter in Hyderabad. He brought invaluable insights and motivation to our event. As the Chairman of the IEEE Student Chapter in Hyderabad, his presence served as a source of inspiration to our participants, encouraging them to aim higher in their pursuit of excellence. A total of 80 participants, including both undergraduate and postgraduate students, showcased their diverse projects at Project Expo 2023. Their projects spanned various aspects of Electronics and Communication Engineering, reflecting the wide-ranging interests and expertise within our department.



The banner features the following elements from top to bottom:

- Logos for Lords Institute of Engineering and Technology, NBA, NAAC, NABL, UGC, ARJIA, and IEEE Student Branch - LIET.
- Text: **LORDS** Institute Of Engineering And Technology, UGC AUTONOMOUS.
- Text: DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING In Collaboration with IEEE Students Branch.
- Text: Welcomes (flanked by floral decorations).
- Text: A NATIONAL LEVEL PROJECT EXPO-2023.
- Text: On 20-05-2023. Venue: ECE Labs, 5<sup>th</sup> Floor.



## Seminar on Hyper Spectral Imaging by CubeSats

On 20th June 2023, a highly informative seminar on Hyper Spectral Imaging was conducted by Dr. S.M. Ahmed, the Principal Payload Scientist at XDLINX Lab Hyderabad. The event, organized by Mrs. Reshma Asma, aimed to provide participants with insights into the fascinating world of Hyper Spectral Imaging. With a total of 80 participants, the seminar was a remarkable success. The seminar commenced with a warm welcome by Mrs. Reshma Asma, the event coordinator, who introduced Dr. S.M. Ahmed as the esteemed speaker. Dr. Ahmed, a renowned expert in the field, captivated the audience with his extensive knowledge and experience in Hyper Spectral Imaging. Dr. Ahmed began by giving an overview of Hyper Spectral Imaging, explaining its importance and applications in various fields. He elaborated on the concept of capturing and analyzing images across a wide range of electromagnetic wavelengths, allowing for detailed analysis of objects and materials.

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 Accredited by NBA & NAAC 'A' Grade | Included of 2F of UGC

Survey No. 32, Near Police Academy, Appa Junction, Himayat Sagar, Hyderabad, Telangana-500091.

Department of Electronics and Communication Engineering  
 Organising  
**Seminar on**  
**"HYPERSPETRAL IMAGING BY CUBESATS"**  
 by  
**Dr. SM. Ahmed**  
 Principal Payload Scientist  
 XDLINX Labs, Hyderabad

Co-ordinators :  
 Mrs. Resma Asma

Convenor:  
**Dr. S. Md. Rasool**  
 HoD - ECE

Date : 20-06-2023. Venue : ECE Seminar Hall 5<sup>th</sup> Floor



## Parents faculty Meet

The Department of Electronics and Communication Engineering has organized Parent Teacher Meeting on 24/06/2023 for ECE-IV semester students.

The Objective of the meeting was to build a healthy relationship with the students and parents through interaction and to discuss following points –

1. No of classes attended and consolidated attendance of the students.
2. CIE -1 marks and scope of academic improvement of the student.
3. Significance of CRT classes and placement details of college.
4. Motivation of students to improve overall performance.
5. Suggestions and feedback from Parents for any help or improvement required from Department.

Following points were the feedback given by Parents:

- (i) Parent appreciated mentoring followed by department.

- (ii) Most of Parents were satisfied with teaching learning process in the college.
- (iii) Parents showed their concern regarding the availability of proper equipment in Labs.
- (iv) Parents discussed the overall performance of their wards with respect to CIE-1 marks and consolidated attendance.
- (v) Parents and students were counseled by HOD regarding poor attendance and poor performance in CIE-1 for some candidates.
- (vi) Parents were informed regarding CRT classes and CRT fee. Significance of CRT classes was discussed with the Parents.
- (vii) Parents requested for the intimation of Semester End Examination Result from department.



## Parents Interacting with Faculty



## Orientation of IETE(ISF)

On 25th September 2023, an orientation program for the Institution of Electronics and Telecommunication Engineers (IETE) was conducted by the Department of Electronics and Communication Engineering (ECE) at Lords Institute of Engineering. The event took place in the Seminar Hall and witnessed the participation of 83 enthusiastic students. The orientation program aimed to familiarize the students with the objectives and benefits of being a part of IETE. The event began with a warm welcome by the department faculty, followed by an introduction to the IETE organization and its role in promoting excellence in the field of electronics and telecommunications. The participants were provided with detailed information on the various activities, technical events,

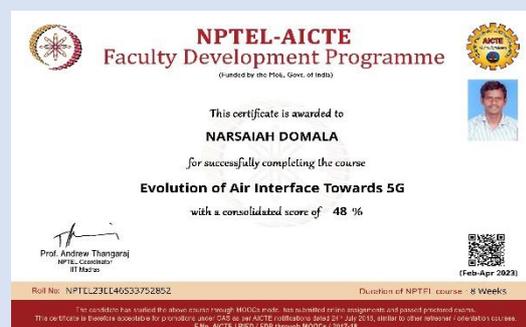
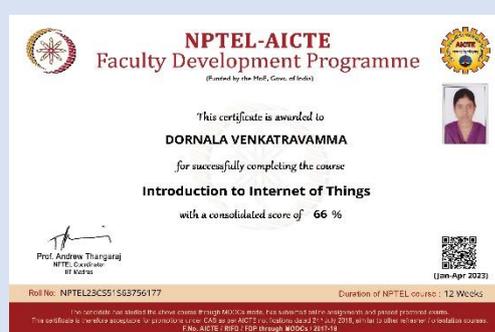
and benefits offered by IETE. The speakers emphasized the importance of professional societies in enhancing academic and career prospects. They highlighted the opportunities for networking, knowledge sharing, and skill development through IETE membership.



## NPTEL FDP Certifications:

National Programme on Technology Enhanced Learning (NPTEL) is a project of MHRD initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore in 2003, to provide quality education to anyone interested in learning from the IITs.

S. No	Name of the Faculty	Name of course	Duration of course	Awards
1	Mrs Manga Geethanjali	Internet of Things	Jan-April 2023	Elite
2	Mrs D. Venkatravamma	Internet of Things	Jan-April 2023	Successfully completed
3	Mr Narsaiah Domala	Evolution Of Air Interface Towards 5G	Feb-April	Successfully completed
4	Mrs Reshma Asma	Evolution Of Air Interface Towards 5G	Feb-April	Successfully completed



## Student Placements

S.No	Name of the Student	(Roll No)	Company (Package)
1	Varakala Sai Kumar	160919735056	Intelipaat (7.25)
2	Muhammad Abdul Rahman	160919735068	Intelipaat (7.25)
3	Nabeel Mohammed Akbar	160919735033	Planet Spark(6.5LA)
4	Syed Ahmed Aiyaz Uddin	160919735311	MOSCHIP(3.5LPA)
5	Syed Umair Ali	160919735055	MOSCHIP(3.5LPA)
6	Syed Waleeduddin Ahmed	160919735067	MOSCHIP(3.5LPA)
7	Nashra Karim	160919735034	Q-Spiders(4LPA)
8	Noureen Fatima	160919735035	Q-Spiders(4LPA)
9	Shaik Mansur Ahmed Alli	160919735043	Q-Spiders(4LPA)
10	Shaik Ramzan	160919735070	Q-Spiders(4LPA)
11	Shaik zia ur rahman	160919735045	Q-Spiders(4LPA)
12	Syed khaja fareed uddin	160919735065	Q-Spiders(4LPA)
13	Mohammed Owaisoddin	160919735059	Inmovidu(4.5LPA)
14	Mohammed Shafahath Ullah Affan	160919735027	Inmovidu(4.5LPA)
15	Mohammed Shafeeq Ahmed	160919735028	Inmovidu(4.5LPA)
16	Mohammed Waaz Uddin	160919735066	Inmovidu(4.5LPA)
17	M.Mahesh	160919735011	Inmovidu(4.5LPA)
18	Md. Mudassir Ghor	160919735023	Inmovidu(4.5LPA)

19	V.L. Satyanjali Devi	160919735058	NTT DATA(3LPA)
20	Md Khaja Pasha	160919735307	SPR Technologies Pvt Ltd(3.6LPA)
21	Md OwaisQuadri	160919735303	SPR Technologies Pvt Ltd(3.6LPA)
22	Md Shahbaz Uddin	160919735305	SPR Technologies Pvt Ltd(3.6LPA)
23	Md Abubakar	160919735012	SPR Technologies Pvt Ltd(3.6LPA)
24	Sadia Anjum	160919735040	SPR Technologies Pvt Ltd(3.6LPA)
25	Ayaaz Khan	160919735004	SPR Technologies Pvt Ltd(3.6LPA)
26	Kachu Madhu Kiran Reddy	160919735009	SPR Technologies Pvt Ltd(3.6LPA)
27	Mirza AjwadBaig	160919735016	SPR Technologies Pvt Ltd(3.6LPA)
28	Mohammed Abdul Basith	160919735062	SPR Technologies Pvt Ltd(3.6LPA)
29	Mohammed Anas	160919735018	SPR Technologies Pvt Ltd(3.6LPA)
30	Mohammed Ghori	160919735021	SPR Technologies Pvt Ltd(3.6LPA)
31	Mohammed Hameed ullah	160919735022	SPR Technologies Pvt Ltd(3.6LPA)
32	Mohammed Faizaan Ali	160919735019	SPR Technologies Pvt Ltd(3.6LPA)
33	Md. Ruman	160919735014	SPR Technologies Pvt Ltd(3.6LPA)