

SEPTEMBER 2021

COTERIE

Semester Newsletter Of Electronics & Communication Engineering, LIET

Dr. Mohammad Jabirullah
(Associate Professor, Editor)

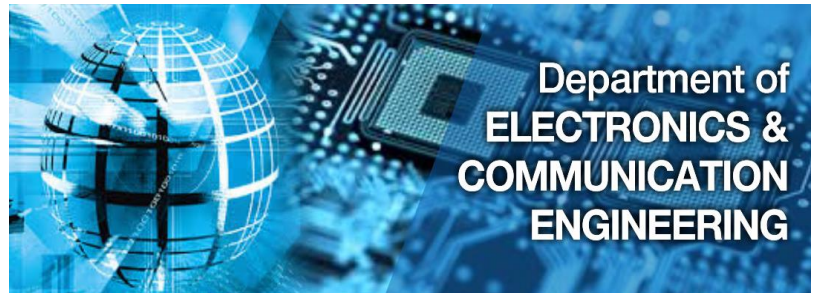
Mr. B Eshwar
(Assistant Professor, Sub-Editor-1)

Mr. R Surender Reddy
(Assistant Professor, Sub-Editor-2)

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(ECE 4th Year, Student Coordinator)

Ms. Harshitha
(ECE 3rd Year, Student Coordinator)

Mr. S Anil Kumar
(ECE 2nd Year, Student Coordinator)



Presents

COTERIE

Department Semester Newsletter

April-2021 to August-2021

Vol- 6, Issue- II



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 the 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 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 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.

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.



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.

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.



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 in the 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 high level of commitment.



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.



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

Seminar on "An insight into IoT Technology and its applications using Raspberry Pi"

A one day guest lecture on **"An Insight into IoT Technology and its Applications using Raspberry"** was organized virtually on Monday, 17th May 2021 from 02:00 pm to 3:30 pm at Lords Institute of Engineering and Technology. Dr. Mohammad Jabirullah, Head of the Department, ECE welcomed the participants. Mr. SMD Rasool, Assistant Professor & Coordinator of the event introduced the program to all. The Seminar was also graced by Dr. C V Narasimhulu, Principal, LIET, who motivated the faculty in conducting more such programs in the coming future. The resource person **Dr B. Shiva Kumar Reddy**, PhD, NIT Warangal has delivered his best knowledge about IoT Technology and its applications using Raspberry Pi.



LORDS
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ENGINEERING AND
TECHNOLOGY (AUTONOMOUS INSTITUTION)

EST 2003

ONLINE SEMINAR ON
AN INSIGHT INTO IOT TECHNOLOGY AND IT'S APPLICATIONS USING RASPBERRY
Organised By Electronics And Communication Engineering

SPEAKER
Dr B Siva Kumar Reddy,
Phd, NIT warangal

CHIEF PATRONS
Shri C.A. Basha Mohiuddin, Chairman
Mrs. Rizwana Begum, Secretary
Mr. Syed Touseef Ahmed, Vice-Chairman

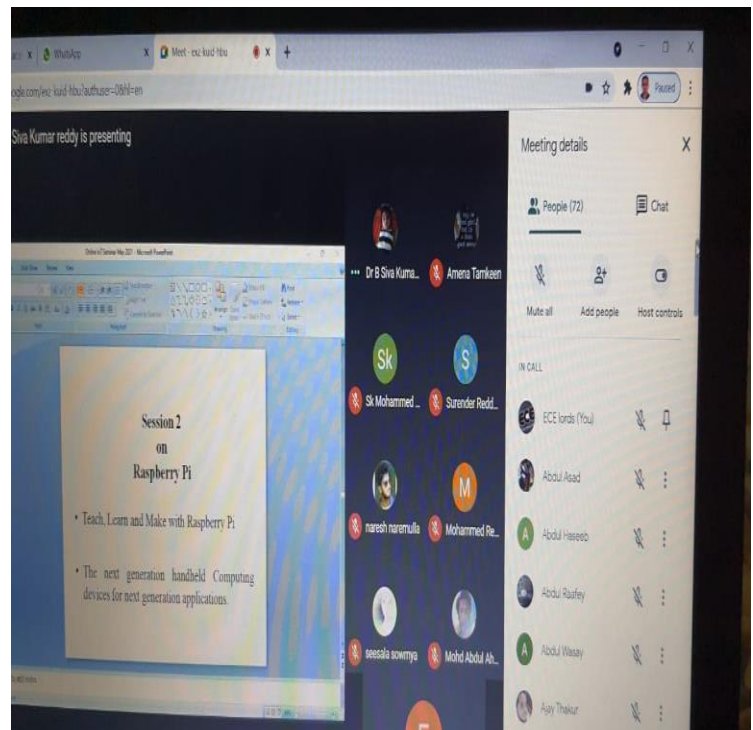
PATRON
Dr.C.Venkata Narasimhulu, Principal

CONVENER
Dr MohammadJabirullah, HOD ECE

COORDINATOR
Mr Sk.Mahammad Rasool, Asst.Prof.

GOOGLE MEET
17TH MAY 2021
2:00PM - 3:30PM

www.lords.ac.in



Webinar on "Embedded Programming with AVR Micro Controller using Microchip Studio & Proteus Software Tools"

A One day Seminar on “**Embedded Programming with AVR Micro controller Using Micro Chip studio and Proteus-8 software tools**” was organized virtually on Thursday, 27th May 2021 from 2:00 pm to 3:30 pm at Lords Institute of Engineering and Technology. The Guest Speaker, **Dr. Kumara Swamy**, Professor and Associate Dean of Academics at SNIST, Hyderabad. He is also associated with Design, implementation and testing of the modules and in conducting project risk identification and mitigation action planning.



LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

EST 2003

UGC Autonomous Institution



ACCREDITED BY NBA



ACCREDITED A GRADE BY NAAC



AFFILIATED TO OSMANIA UNIVERSITY



APPROVED BY AICTE

ONLINE SEMINAR ON

EMBEDDED PROGRAMMING WITH AVR MICROCONTROLLER USING MICROCHIP STUDIO AND PROTEUS-8 SOFTWARE TOOLS

Organised By Department of Electronics And Communication Engineering



SPEAKER

Dr. V. Kumara Swamy
M.Tech, Ph.D

Associate Dean (Academics),
Sreenidhi Institute of Science
and Technology, Hyderabad

27 TH MAY 2021
2.00 TO 3.30 pm



Join with Google
[Meetmeet.google.com/iqe-itqz-irm](https://meet.google.com/iqe-itqz-irm)

CHIEF PATRONS

Shri C.A.Basha Mohiuddin, Chairman
Mrs. Rizwana Begum, Secretary
Mr. Syed Touseef Ahmed, Vice Chairman

PATRON

Dr C.V enkata Narasimhulu, Principal

CONVENER


Dr. Mohammadjabirullah, hod ECE

COORDINATOR

Dr.B.Suneela, Associate Professor

Guest Lecture on "Circuit Design Techniques for Low Power VLSI"





The department of Electronics and Communication Engineering has organized a one day guest lecture on “**Circuit Design Techniques for Low Power VLSI**” in online mode on Tuesday, 15th June 2021 from 03:00 pm to 5:00 pm at Lords Institute of Engineering and Technology. The Guest speaker **Dr. Nikhil Raj** who is presently working as Assistant Professor at LNMIIT, Jaipur, has given the lecture on “Circuit Design Techniques for Low Power VLSI”. He is also associated with design, implementation, testing of the modules owned and in conducting project risk identification and mitigation action planning.



LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY

[Conferred UGC Autonomous Status for 10 Years w.e.f AY 2021-22]


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Online
Guest Lecture on


“Circuit Design Techniques for Low power VLSI”

Organizing by Electronics And Communication Engineering



SPEAKER

Dr. Nikhil Raj,
Assistant professor
ECE Department
LNMIIT Jaipur
Rajasthan, India.



meet.google.com/hid-xvud-hzh

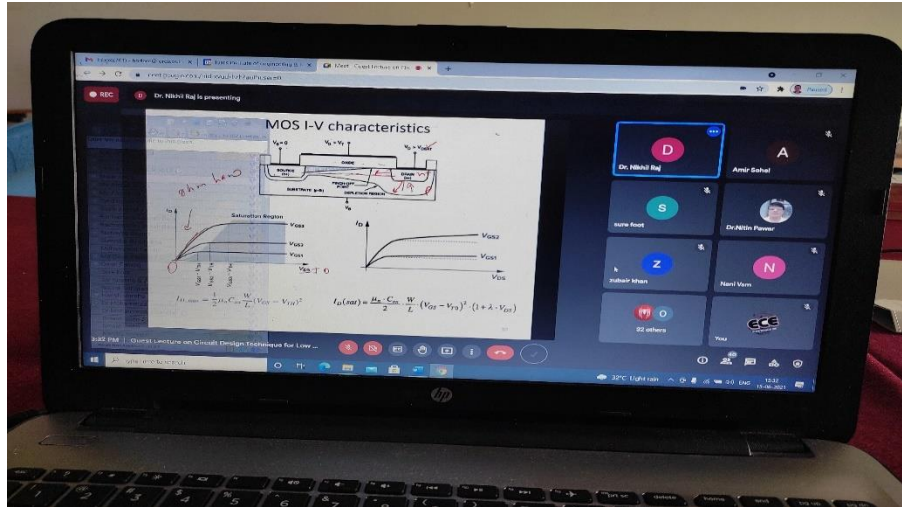
CHIEF PATRONS
Janab C.A.Basha Mohiuddin, Chairman LIET
Mrs. Rizwana Begum, Secretary LIET
Mr. Syed Touseef Ahmed, Vice Chairman LIET

PATRON
Dr C.V enkata Narasimhulu, Principal LIET

CONVENER
Dr. Mohammad Jabirullah, Hod ECE LIET

COORDINATOR
Mr. D Narsaiah, Associate Professor LIET


DATE: 15th June 2021 Time: 3:00pm to 5:00 pm



Project Expo 2k21 and Signature Day

A Project Expo 2k21 is organized by ECE department on 19th July 2021 to exhibit the innovations done by final year students in fulfilling their major project requirements. Project Expo is inaugurated by Honorable Secretary **Mrs. Rizwana Begum**, the Principal **Dr. C V Narasimhulu** and **Dr. Mohammed Jabirullah**, HOD, ECE.

Innovative projects developed by students in most promising areas of Electronics and Communication Engineering under the guidance of ECE faculty. Final year students has participated and exhibited their innovations to the management, the Principal, Deans, HOD's and faculty from various departments. All the professors appreciated the student efforts and given their suggestions for taking these projects work to the next level and suggested to participating in national level hackathons. Best projects are nominated by the professors; Honorable Secretary Mrs. Rizwana Begum congratulated all the winners and later distributed certificate and prize. After the prize distributions, the students have engaged themselves in the celebrations of Signature day and marked the day with full of wonderful memories.



LORDS
INSTITUTE OF ENGINEERING & TECHNOLOGY
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Himayatsagar, Hdderabad-500091
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Welcomes
to
Final Year Students for Signature Day



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Himayatsagar, Hdderabad-500091
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Welcomes
to
PROJECT EXPO 2K21
Date: 19-07-2021
Venue: ECE Department





BOARD OF STUDIES MEETING

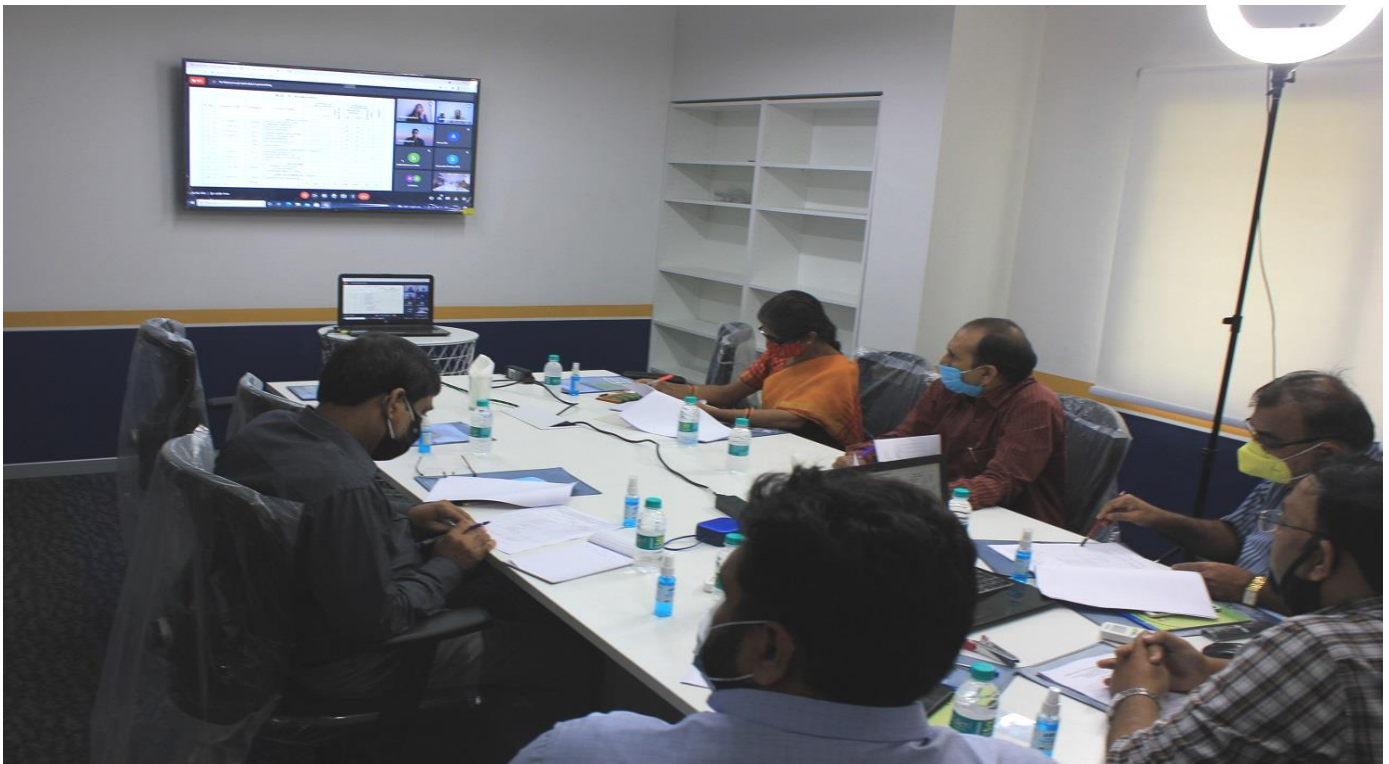
1st BoS Meeting in **Electronics and Communication Engineering Department** was conducted on **9th Aug 2021** and the members of BoS meeting are as follows

BoS MEMBERS			
S No	Name of the Member	Designation	Category
1	Dr. Mohammad Jabirullah	Professor & HOD, Dept. of Electronics and Communication Engineering, Lords Institute of Engineering and Technology, Hyderabad	Chairperson,
Nominee of Osmania University			
2	Dr. Nirmala Devi	Professor & Chairperson, Board of Studies, ECE, Osmania University, Hyderabad	External Member
Experts/ Academicians from outside the Parent University Nominated by Academic Council			
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
Representation from Industry/Corporate Sector/Allied areas relating to placements			
5	Mr. Aman Kumar	Senior Design Engineer, Alten Calsoft Lab, Hyderabad	External Member
Meritorious alumnus to be nominated by the principal			
6	Mrs. K. Aparna	System Engineering Consultant, Deloitte, Hyderabad	External Member

Faculty Members from Department/Institution

7	Dr. C. Venkata Narasimhulu	Professor of ECE & Principal LIET, Hyderabad.	Internal Member
8	Dr. B Suneela	Associate Professor, ECE, LIET, Hyderabad.	Internal Member
9	Mr. Shaik Mahammad Rasool	Assistant Professor, ECE, LIET, Hyderabad.	Internal Member







Parent Teacher Meeting

A Parent Teacher Meet was held for 2nd year on 25th Aug 2021 in online mode through Google meet to discuss the performance of students with their parents. Parents were given feedback on their wards' performances in midterm examinations and during class. It was a great interaction between the teachers and the parents for the development of their children where they discussed both the strengths and areas of improvements. The progress report for the first term was shown to the parents and their suggestions were noted. The PTM came to an end with the conclusion that the progress of the students depends on the joint effort of parents and teachers.



National Level E-Quiz Conducted

S.N O	Name of The Event	Resource Person	Date	Number of Participants
1	National Level E- Quiz on "Electronic Devices and Circuits"	Dr. B Suneela, Associate Professor, ECE dept, LIET	09-06-2021	192
2	National Level E- Quiz on "Signals & Systems"	Mr. R Surender Reddy, Associate Professor, ECE dept, LIET	12-06-2021	197
3	National Level E- Quiz on "Microprocessors & Microcontrollers"	Mr. C Altaf, Assistant Professor, ECE dept, LIET	21-06-2021	307
4	National Level E- Quiz on "Antennas and Propagation"	Mr. Narsaiah Domala, Associate Professor, ECE dept, LIET	23-06-2021	332
5	National Level E- Quiz on "Pulse and Digital Circuits"	Mr. B Eshwar, Assistant Professor, ECE dept, LIET	01-07-2021	389



CERTIFICATE OF PARTICIPATION

This is to certify that
D.NARASIMHA
Of

SIDDHARTHA INSTITUTE OF TECHNOLOGY AND SCIENCES

has participated in the online National E -Quiz on "Pulse and Digital Circuits" organized by the Department of Electronics and Communication Engineering, LIET on July 1st ,2021.

Eshwar
Mr. Eshwar
Coordinator

Jabirullah
Dr. Mohammad Jabirullah
Convener (HOD-ECE)

Narsimhulu
Dr.C.V.Narsimhulu
Principal

Made for free with Certify'em



CERTIFICATE OF PARTICIPATION

This is to certify that
Dr.B.suneela
Of

Lords Institute of Engineering &Technology

has participated in the online National Quiz on Electronic Devices and Circuits organized by the Department of Electronics and Communication Engineering, LIET on June 9th ,2021.

Suneela
Dr. B. Suneela
Coordinator

Jabirullah
Dr. Mohammad Jabirullah
Convener (HOD-ECE)

Narsimhulu
Dr.C.V.Narsimhulu
Principal

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FACULTY ACHIEVEMENTS

Patent Publications:

S.No	Name/ Names of the Inventors	Title	Application No.	Month & Year of Publication	National/ International
1	Dr. C V Narasimhulu	Intelligent Scientific Calculator Display Fast Result Using Maching Learning Programme	2021101395	17/03/2021	International
2	Dr. C V Narasimhulu	Method And System For Scheduling Secondary Users In A Cognitive Radio Networks	202141015878	09/04/2021	National
3	Dr. B Suneela	A Novel Method Of Object Detection Using Feed Forward Deep Convolutional Artificial Neural Network In WSN	202141018109	30/04/2021	National
4	Dr. B Suneela	An Efficient Iris Recognition System With Complete Local Ternary Pattern Feature Extraction And Classification Method	2021102309	30/04/2021	International
5	Dr. Mohammad Jabirullah	IoT Based Intelligent Device More Than One Parking Available Notification Using RFID	2021102424	09-05-2021	National
6	Dr. B Suneela	An IoT Based System For Tracing And Recognizing An Object	2021102961	30/06/2021	International
7	Mr B Eshwar	Computational Optimization Of VLSI Physical Design With Graphical Processing Units ISING Method	202141028782	09/07/2021	National
8	Dr. Mohammad Jabirullah	IOT Based Movable Road Divider As Congestion Release strategy For Metropolitan Cites	202141029548 A	30/07/2021	International
9	Dr. Mohammad Jabirullah	VLSI Synthesis Of A Neural Network With Constrained Coulomb Energy And An Enhanced Learning Algorithm	202141038974	10/09/2021	National

Research Publications:

S.No	Name/Names of the Authors	Title of the Paper	Journal Name	Month & Year of Publication	Indexing
1	Dr. B Suneela	Covid19 Based Intelligent Health Care Monitoring System Using Deep Learning & IOT Principles For Pulmonary Breathing Problem Patients	International Journal Of Future Generating Communication And Networking	April 2021	Emerging sources citation (Web of Science)
2	Dr. B Suneela	Energy Efficient Scheduling Algorithm To Increase The Life Time Of Battery Power Wireless Networks For The Structural Health Monitoring System	Turkish Journal Of Computer And Mathematics Education	May 2021	Scopus
3	Dr. B Suneela	An Efficient And High Performance Architecture Design Implementation Approach OG Cryptographic Algorithm Computation For Authentication in Modern Wireless Communication Applications	Turkish Journal Of Computer And Mathematics Education	May2021	Scopus
4	Dr. B Suneela	A New Approach For Implementing High Performance Capacity Achieving Codes For Wireless Communication Applications Polar Codes	International Journal Of Future Generating Communication And Networking	May2021	Emerging sources citation (Web of Science)
5	Dr. B Suneela	Huge MIMO Technology Role Recognition For Its Effective 5G And Satellite Connectivity Implementation	Information Technology Industry	April2021	Emerging sources citation (Web of Science)
6	Dr. B Suneela	Molecular Absorption In Atmosphere Using Millimeter Wave Communication	Information Technology In Industry 2121/4/1,9(2) 722-730, Pr-2021	April2021	Emerging sources citation (Web of Science)
7	Dr. B Suneela	Design, Development And Implementation Of Quadcopter An Embedded System For Digital Signal Processing And Wireless Communication Application	Turkish Journal Of Physiotherapy And Rehabilitation	May2021	Emerging sources citation (Web of Science)
8	Dr. B Suneela	MIMO Wireless Communication	International Journal Of Science Technology Management	April 2021	Peer reviewed
9	Dr. B Suneela	A New Approach In Wireless Communication :Design	Turkish Journal Of Computer And	May2021	Scopus

		Development Of A Simulator For Receiver Processor	Mathematics Education		
10	Dr. C Venkata Narasimhulu.	An Automatic Feature Selection And Classification Framework For Analyzing Ultrasound Kidney Images Using Dragonfly Algorithm And Random Forest Classifier	IET Image Processing	March 2021	Web of Science (SCI)
11	Dr. C Venkata Narasimhulu.	Improved Convolution Neural Network Based Cooperative Spectrum Sensing For Cognitive Radio	KSII Transactions On Internet And Information System	June 2021	Web of Science (SCI)
12	Dr. B Suneela	Wireless Patient Health Monitoring And Alerting System	Turkish Online Journal of Qualitative Inquiry (TOJQI)	July 2021	Scopus
13	Mr. Altaf C	Monitoring system for aquaculture using IOT	Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 3, July 2021:	July 2021	Scopus
14	Mr. Narsaiah Domala	Application Of Wireless Sensors Network In Forest Fire Prevention	Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 3, July 2021:	July 2021	Scopus
15	Mr. B Kiran Kumar	Contact Less Smart Shopping Trolley with Automated Billing for Social Distancing	Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 3, July 2021: 5305-5312	July 2021	Scopus
16	Dr. Mohammad Jabirullah	IoT-Based Occupancy Monitoring Techniques For Energy Efficient Smart Buildings	Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 3, July 2021: 5402-5409	July 2021	Scopus
17	Mr. Shaik Mohammad Rasool	IoT Based Advanced Automation For Appliances Control & Monitoring	Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 3, July 2021: 5272-5284	July 2021	Scopus
18	Mrs. Sapna Gangrade	IoT Based Auto Temperature Scan Entry System With Mask Detection Automatic Hand Sanitizer For Covid Prevention At Large Scale	Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 3, July 2021: 5313-5321	July 2021	Scopus
19	Mr. R Surender Reddy	Wireless Sensor Network Based Agriculture Field Monitoring System With IoT	Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 3, July 2021: 5365-5376	July 2021	Scopus
20	Mr. Abdul Wasay Mudasser	Fully Automatic Parking Guidance System Using	Turkish Online Journal of Qualitative Inquiry	July 2021	Scopus

		Raspberry Pi-3	(TOJQI) Volume 12, Issue 3, July 2021: 5285-5292		
21	Dr. C Venkata Narasimhulu,	Image Denoising Using an Artificial Neural Network and Genetic Optimization Algorithm Based Dual-Tree Complex Wavelet Transform	Soft Computing and Signal Processing	July 2021	Springer
22	Mr. B Eshwar	Application Of Wireless Sensors Network In Forest Fire Prevention	Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 3, July 2021: 5293-5304	July 2021	Scopus
23	Mr. Narsaiah Domala	Low power flipped voltage follower current mirror with improved input output impedances	Sadhana,	July 2021	SCI

Conference Publications:

S.No	Name/Names of the Authors	Title	Name of the Conference	Month & Year of Conference	Organizing Institute
1	Dr. B Suneela	MIMO Wireless Communication	International journal of science Technology and management	April 2021	Virtual conference
2	Dr. C Venkata Narasimhulu	Image Denoising Using an Artificial Neural Network and Genetic Optimization Algorithm Based Dual-Tree Complex Wavelet Transform	Advanced in intelligent system and computing	July 2021	Springer

Book Chapters:

S.No	Name/Names of the Authors	Title of the Chapter	Title of Book	Name of the Publisher	ISBN	Month & Year of Publication	National/International
1	Dr. Mohammad Jabirullah	ACO Algorithm established Obstacle Aware Routing	Lecture Notes in Electrical Engineering	MANET	Springer ISSN: 1876-1100	Apr 2021	International
2	Dr. Mohammad Jabirullah	PSO Algorithm Established Mobility Aware Optimal MANET Routing	Lecture Notes in Electrical Engineering	MANET	Springer ISSN: 1876-1100	Apr 2021	International

3	Dr. C. Venkata Narasimhulu.	Image Denoising Using an Artificial Neural Network and Genetic Optimization Algorithm Based Dual-Tree Complex Wavelet Transform	Electronic and Print Format	Springer	978-981-16-1249-7	24 July 2021	International
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Invited Lectures:

S.No	Name of the Faculty	Topic of Lecture	Name of the Event	Name of the Institute Organized	Date of the Event
1	Dr. Mohammed Jabirullah	Assessment for Constructive Learning	Two Weeks STP	Lords Institute of Engineering and Technology	26-06-2021
2	Dr. C V Narasimhulu	Research Trends and Practical Applications on Signal Processing and VLSI	One Week FDP	Thirumala Engineering College	19-06-2021
3	Dr. Mohammed Jabirullah	Awareness on Outcome Based Education	Webinar	Lords Institute of Engineering and Technology	06-07-2021

Awards Received:

S.No	Name of the Faculty	Name of the Award/ Recognition	Name of the Agency	Government/ Non-Government	Month & Year of Award/ Recognition	National/ International
1	Dr. Mohammad Jabirullah	Reviewer for 3ICT2021	2021 International Conference on Innovation and Intelligence for informatics ,computing and Technologies	Non Government	June 2021	International
2	Mr. Shaik Mahammad Rasool	Reviewer AJR09403	Advances in Science, Technology and Engineering Systems Journal (ASTESJ)	Non Government	Dec 2020	International

Faculty Recruitment:

- Four new Assistant Professors and Two Associate Professors were recruited in the department.

Up Coming Events:

- Technical Fest
- Industrial tours for all the Students.
- Faculty Development Program.
- Guest Lectures.
- Cultural Events.
- NSS activities.

Targets to be Achieved:

- To achieve 100% attendance in the ECE Dept by enhancing the Mentor- Mentee program.
- To achieve 100% result in the ECE Department.
- Encourage students in research oriented work and to publish paper in reputed Journals.
- Encourage students in extracurricular activities.

