OUR VISION

To achieve overall excellence in education, by continuously upgrading the teaching learning process, and incorporating latest technological advancements happening worldwide with ethical responsibilities.

OUR MISSION

- To impart sound diversified technical competency and quality education for students to enhance the employability and ethical values.

- To provide conducive environment for faculty and students with excellent facilities to improve research activity.

PROGRAM EDUCATIONAL OBJECTIVES

1. Our graduate Engineers will have diversified professional competency in Electronics and Communication Engineering and allied technologies with good foundation in Mathematics and basic sciences.

2. Our graduates will possess lifelong learning process and augment their engineering skills for new challenges with sustainability.

3. Our graduates have effective communication skills and work in Multidisciplinary team with critical thinking.

4. Our graduates will practice the profession with ethics, integrity, leadership and social responsibility.

PROGRAM OUTCOMES

1. To apply knowledge of mathematics, science and Engineering appropriate to ECE discipline.

2. To formulate and analyze the complex engineering problems by using the principles of mathematics and engineering fundamentals.

3. To design and develop system (or) process to meet the desired needs within the realistic constraints of the societal and environmental considerations.

4. To investigate complex problems by conducting experiments, analyze interpret and synthesize the information to provide conclusions.

5. To select and use appropriate modern tools for solving complex engineering problems.

6. To apply reasoning knowledge for providing engineering solutions to societal needs with professional engineering practice.

7. To demonstrate the knowledge of engineering for providing environmental solutions and sustainable development.

8. To understand the ethical principles and professional responsibilities.

9. To function effectively as a member (or) a leader in multidisciplinary activity.

10. To deliver effective presentations and communicate at ease with the society.

11. To be successful member (or) leader in diverse teams with enhanced administrative skills and financial management.

12. To realize the need for lifelong learning and adopt themselves to technological changes.
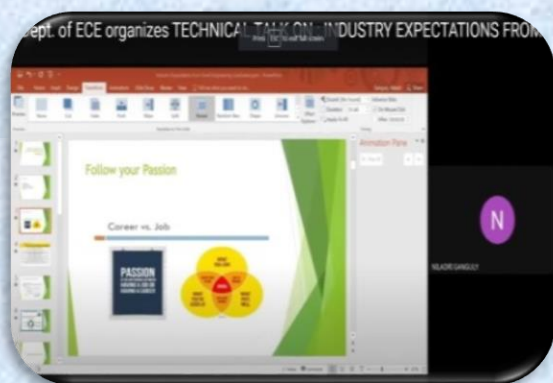
ECE.SAEC

EVENTS ORGANISED BY ECE DEPARTMENT
GUEST LECTURE

The Department of ECE conducted a Expert Talk on **"Smart Embedded Systems in Industry 4.0"** on 29.01.2021 for III year ECE students in association with IETE, Chief guest of the event Mr.N.Rohit, Serial Data Engineer, Capgemini, Chennai.

The Department of ECE conducted a Expert Talk on **"Industry Expectations from Engineering Graduates"** on 12.02.2021 for IV year ECE students in association with IETE, Chief guest of the event Mr.Niladri Ganguly, Associate Consultant, Capgemini.

The Department of ECE conducted a Expert Talk on **"Managing Automation Anywhere"** on 19.02.2021 for II and III year ECE students in association with IETE, Chief guest of the event Mr.Domini John, BenTech Automation, Chennai.
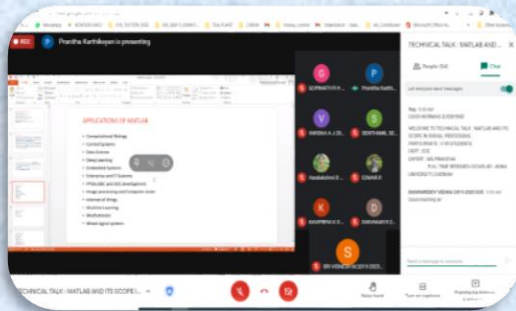

The Department of ECE conducted a Expert Talk on **"Managing Automation Anywhere"** on 01.03.2021 for IV year ECE students in association with IETE, Chief guest of the event Mr.C.Kulandyan, (Alumni), Senior Software Developer, LNT Infotech, Chennai.

The Department of ECE conducted a Expert Talk on **"Robotics and its Significance in Society"** on 25.03.2021 for IV year ECE students in association with IETE, Chief guest of the event Mr.C.Mohanraj, (Alumni), FLDEC, Chennai.

The Department of ECE conducted a Expert Talk on **"MATLAB and its Scope in Signal Processing"** on 17.04.2021 for II and III year ECE students in association with IETE, Chief guest of the event Ms. Pranitha John, Full.Time Research Scholar, Anna University.

VALUE ADDED COURSES

Two Months value added course on **"ARDUINO ROBOTICS AND DESIGN"** during 19.02.2021 to 12.03.2021 for II year ECE students.

Two Months value added course on **"RASPBERRY PI SYSTEMS AND IOT"** during 18.02.2021 to 03.03.2021 for III year ECE students.

CO.CURRICULAR ACTIVITIES

- The Department of ECE conducted **"INTER DEPARTMENT PAPER PRESENTATION"** on 08.03.2021 for all department students in association with ISTE.

- The Department of ECE conducted **"INTER DEPARTMENT PROJECT PRESENTATION"** on 09.03.2021 for all department students in association with ISTE.

- The Department of ECE conducted "**MINI PROJECT CONTEST**" on 15.03.2021 for II,III,IV year ECE students in association with IETE .
- The Department of ECE conducted "**IETE AWARENESS PROGRAM**" on 16.03.2021 for II,III,IV year ECE students in association with IETE .
- The Department of ECE conducted "**QUIZ COMPETITION**" on 10.03.2021 for II,III,IV year ECE students in association with IETE .
- The Department of ECE conducted "**PROJECT CONTEST**" on 17.03.2021 for IV year ECE students in association with IETE .

FACULTY PARTICIPATION IN WORKSHOP/FDTP/GUEST LECTURE

Ms.K.M.Dhanalakshmi, Associate Professor ECE, attended one day webinar on **The Most Powerful Word Women** on 08.03.21.

Ms.K.M.Dhanalakshmi, Associate Professor ECE,attended Webinar on **National Education policy** on 12.06.2021.

Ms.K.M.Dhanalakshmi, Associate Professor ECE., attended Webinar on **TMWB44 – 10 Quick ways to optimize Microstrip Antenna Performance** on 11.01.2021.

Ms.P.Sasireka, Assistant Professor ECE., attended Webinar on **TMWB44 – 10 Quick ways to optimize Microstrip Antenna** Performance on 11.01.2021.

Mr.P.Dinesh Anton raja, Assistant Professor ECE., attended 6 days STTP on **Emerging trends and Research challenges in Next Generation wireless network** – Online AICTE from 15.03.2021 – 20.03.2021.

Mr.D.Prakash, Assistant Professor ECE., attended 6 days STTP on **Emerging trends and Research challenges in Next Generation wireless network** – Online AICTE from 15.03.2021 – 20.03.2021.

Ms.S.Suvitha, Associate Professor ECE., attended Webinar on **TMWB44 – 10 Quick ways to optimize Microstrip Antenna Performance** on 11.01.2021.

Mr.D.Prakash, Assistant Professor ECE., attended 7 days STTP on **Industrial Robotics** – Online AICTE from 04.01.2021 – 09.01.2021.

Ms.S.Suvitha, Associate Professor ECE., attended two days' workshop on **Deep Learning** during 23.04.2021 to 24.04.2021 in association with Pantech E learning.

Ms.R.S.Vijayashanthi,Assistant Professor/ECE., attended 7 days STTP on **Industrial Robotics** – Online AICTE from 04.01.2021 – 09.01.2021.

Mr.MariaRubiston,Assistant Professor/ECE., attended 7 days STTP on **Industrial Robotics** – Online AICTE from 04.01.2021 – 09.01.2021.

Ms.D.Varalakshmi, Assistant Professor ECE., attended two days' workshop on **Deep Learning** during 23.04.2021 to 24.04.2021 in association with Pantech E learning.

Mr.M.Bharaneedharan, Assistant Professor ECE., attended two days' workshop on **Deep Learning** during 23.04.2021 to 24.04.2021 in association with Pantech E learning.

Ms.M.Priscilla, Assistant Professor ECE., attended 6 days STTP on **Emerging trends and Research challenges in Next Generation wireless network** – Online AICTE from 15.03.2021 – 20.03.2021.

Ms.R.Ashwini,AssistantProfessor ECE., attended two days workshop on **Deep Learning** during 23.04.2021 to 24.04.2021 in association with Pantech E learning.

PUBLICATIONS BY FACULTY IN NATIONAL/INTERNATIONAL CONFERENCE & JOURNALS

Dr.G.Kavya., Professor, **"Knowledge based analytical tool for identifying children with Dyscalculia"** , International Conference on Communication, Computing and Electronics Systems (pp.703.711) Springer publications, March 2021,Web of Science Scopus Indexed ,DOI:10.1007/978.981.33.4909.4_55.

Dr.G,Kavya., Professor "Inductive feedback technique for design of high gain 0.18μm CMOS LNA for 5 G applications", Journal of Circuits , systems and computers. Vol 30 , N0. 13(2021) 12.05.2021 SCIE, Scopus Indexed.

G Kavya ,N Anusha,"Professor **"Approximated compressed image analysis using filters Annals of R.S.C.B"** " March2021 Scopus Indexed, Vol 25, Issue 4 . 2021 **.**

C.Arunachalaperumal.,Professor , **"Performance Evaluation of Interference Mitigation Scheme with D2D Users in Wireless Networks "** Wireless Personal Communications, Springer March 2021,AU Annexure, SCI Indexed

https://doi.org/10.1007/s11277.021.08413.3.

Dr. B.R. Tapas Bapu ., Professor **"Synthesis of images from SMRI through extreme Integrand Unstable learning "** ., International Conference on Emerging trends in Science Engineering & Management ICETSEM – 2021 from 21.01.2021 to 23.01.2021.

Pradeep S, Tapas Bapu B R, Professor **,"Routing protocol based on energy efficient for underwater wireless network".,** Journal of University of Shanghai for Science and Technology,May 2021 Scopus Indexed ,Volume 23 , Issue 5,DOI: 10.51201/JUSST/21/05195

- Mrs.P.Sasireka, Assistant Professor, **"Smart Safety Monitoring System For Sewage Workers Using IOT".,** International Journal of Research Publication and Reviews Journal homepage: www.ijrpr.com ,January 2021 ,GOOGLE SCHOLAR,Vol (2) Issue (7) (2021) Page 134.140,ISSN 2582.7421.

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