



J.J.COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE | Affiliated to Anna University | ISO 9001 : 2008 Certified

(Sowdambikaa Group of Institutions)



VOLUME 1, ISSUE 2

MARCH - 2023



Institution Making Students Ready for "Industry 4.0"

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

*Editorial
Board*

Editor in Chief

Dr. S.Sumithra,
Professor & Head / ECE

Members

1. **Dr. M.Shobana,** Asso. Professor / ECE
2. **Dr. N.L.Venkataraman,** Asso. Professor / ECE

Student Members

1. **Mr. S.Madesh,** III / ECE
2. **Ms. N.A.Yogarasi,** III / ECE
3. **Mr. V.Senthil Velan,** II / ECE
4. **Ms. S.Mamtha,** II / ECE



J.J.C.E.T BULLETIN



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

INDEX

- ✚ Vision and Mission
- ✚ Major Events
- ✚ Students' Achievements
- ✚ Faculty Members Achievements
- ✚ Sports
- ✚ Students Corner
- ✚ Our Team
- ✚ Our Recruiters
- ✚ Our Collaborators

VISION

- To impart latest knowledge and skills so as to kindle innovation and creativity among students.

MISSION

- To develop and sustain a culture of research while promoting values, ethics and professionalism.
- To develop competent technocrats who strive continuously in pursuit of professional excellence in the field of Electronics and Communication Engineering
- To offer well-balanced curriculum to acquire professional competencies.
- To develop state of the art infrastructure and research for effective teaching learning process
- To strengthen soft skills especially for rural students through co-curricular and extracurricular activities.

MAJOR EVENTS

- A Webinar on “**How to Crack Competitive Exams (GATE, ESE and PSUs)**” conducted by ECE department 17th of February 2023. The expert **Mr. Manimohan Trinath.S**, Faculty from **ACE Engineering Academy** a Freelancer – Expert given a brief introduction about how to prepare for various competitive technical exams like GATE, ESE and PSUs. Students were benefited by the expert who has more than a decade of experience in the field of training in GATE, ESE and PSUs. Students got a clear idea about the various opportunities having through competitive exams and how to crack it with wise preparation. About 88 students and faculty members from ECE department participated in this live Webinar.



J.J.COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE | Affiliated to Anna University | ISO 9001 : 2008 Certified

(Sowdambikaa Group of Institutions)



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
DECIBEL ASSOCIATION**

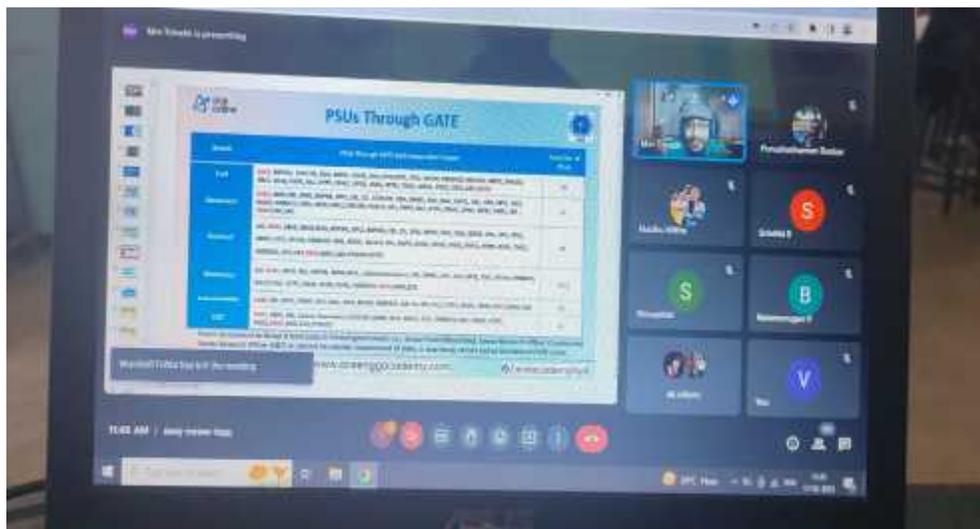
**Webinar on
“How to crack Competitive
Exams”
(GATE, ESE and PSUs)
In Association with**

**Date : 17.02.2023
Time : 11.15 am – 12.45 pm
Venue : VLSI Design Lab**



**Convener
Dr. S.Sumithra
Coordinator
Dr. N.L.Venkataraman**

**Speaker
Mr. Manimohan Trinath. S
Faculty,
ACE Engineering Academy.**



- Around 40 students from various departments including from **ECE** went for field visit to **Trichy Agri Business Incubation Forum (TABIF)** at **Anbil Dharmalingam Agricultural College and Research Institute (ADAC&RI)**, Tiruchirappalli. A special lecture was taken by their Faculty members regarding about the Incubation Forum.



- The Electronics and Communication Engineering department inaugurates its Professional Chapter in association with **International Association of Engineers (IAENG)** on 18th of February 2023. **Mr. Selvamanikandan.R, Physical Design – CAD Engineer from Intel Cooperation, Hyderabad** shared his experience about the importance of professional membership and its uses for engineers with the society followed by a technical session titled **“Physical Design Flow”** About 65 students and 10 Faculty members participated in the webinar and benefited through it.



J.J.COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE | Affiliated to Anna University | ISO 9001 : 2008 Certified

(Sowdambikaa Group of Institutions)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DECIBEL ASSOCIATION

Proudly Presents

“IAENG - Association Inauguration”
&

Webinar on

Physical Design Flow

Date : 18.02.2023
Time : 11.15 am – 12.45 pm
Venue : VLSI Design Lab

Convener
Dr. S.Sumithra
Coordinator
Dr. N.L.Venkataraman



Speaker
Mr. Selvamanikandan. R
Physical Design – CAD Engineer,
Intel Corporation, Bengaluru.

STUDENTS' ACHIEVEMENTS

- Around 60 Students from IInd year & IIIrd ECE has participated in One day National Level Workshop on “Recent Trends in Photonics and its Applications” organized by Sri Bharathi Engineering College for Women, Pudukkottai, Tamil Nadu.



FACULTY MEMBERS ACHIEVEMENTS

- Dr. S.Sumithra, Dr. N.L.Venkataraman, Mr. R.Purushothaman & Mr. S.Suresh Kumar, submitted a paper to a journal “Traitement Du Signal” titled “**Design Analysis of Moth-Flame Optimized Fault Tolerant Technique for Minimally Buffered NoC Router**” (Under Review)
- Dr. S.Sumithra, Dr. M.Shobana, Dr. N.L.Venkataraman, Mr. S.Suresh Kumar, Mr. R.Purushothaman, Mrs. R.Meenakshi, Mrs. K.Kokulavani and Mrs. V.Gowri has participated in the One Day National Level Seminar on “**Recent Trends in Photonics and its Applications**” conducted by Sri Bharathi College of Engineering For Women on 07th of February 2023.
- Dr. S.Sumithra, Dr. M.Shobana, Dr. N.L.Venkataraman, Mr. S.Suresh Kumar, Mr. R.Purushothaman, Mrs. R.Meenakshi, Mrs. K.Kokulavani and Mrs. V.Gowri has participated in the NPTEL “**E-Awareness Workshop**” conducted by IIT Madras on 13th of February 2023.
- Dr. S.Sumithra, Dr. M.Shobana, Dr. N.L.Venkataraman, Mr. S.Suresh Kumar, Mr. R.Purushothaman, Mrs. R.Meenakshi, Mrs. K.Kokulavani and Mrs. V.Gowri has participated in the “**Blooms Taxonomy in Teaching and Learning**” conducted by Sansnow’s Nobel Professional of Corporate Affairs on 16th of February 2023.
- Dr. S.Sumithra, Dr. M.Shobana, Dr. N.L.Venkataraman, Mr. S.Suresh Kumar, Mr. R.Purushothaman, Mrs. R.Meenakshi, Mrs. K.Kokulavani and Mrs. V.Gowri participating in the “**Big Data Applications in Electrical Engineering**” conducted by National Institute of Technical Teachers Training and Research, Chandigarh from 20th – 24th of February 2023.
- Dr. S.Sumithra, Dr. M.Shobana, Dr. N.L.Venkataraman, Mr. S.Suresh Kumar, Mr. R.Purushothaman, Mrs. R.Meenakshi, Mrs. K.Kokulavani and Mrs. V.Gowri applied for professional membership in **IAENG** and **IIETA**

SPORTS

- Our team, Mr. R.Ashok, Mr. V. Ilaiyaazhwar and Mr. S. Perumal from IIIrd year ECE finished with **Runner up** in Anna University conducted Zonal level Cricket match.



- Our team, Mr. R.Ashok, Mr. V. Ilaiyaazhwar and Mr. S. Perumal from IIIrd year ECE participating in CM Tournament for Cricket Match which is going to be held on 28th of February 2023 at JJCET Campus.

STUDENTS CORNER

ZEUGMA MOSAIC MUSEUM



Ms. Abirami.B,
IInd Year

Electronics & Communication Engineering

Zeugma Mosaic Museum, in the town of Gaziantep, Turkey, is the biggest mosaic museum in the world, containing 1700 m² of mosaics. It opened to the public on 9 September 2011. The 30,000 m² (320,000 sq ft) museum features 2,448 m² (26,350 sq ft) of mosaic and replaces the Bardo National Museum in Tunis as the world's largest mosaic museum.

The museum's Hellenistic Greek and Roman mosaics are focused on Zeugma, which is said to have been founded as Seleucia by Seleucus I Nicator, founder of the Seleucid Kingdom after serving as a hetairoi military officer in the army of Alexander the Great. The treasures, including the mosaics, remained relatively unknown until 2000 when artifacts appeared in museums and when plans for new dams on the Euphrates meant that much of Zeugma would be flooded. In 2011, many of the mosaics remain covered, and teams of researchers continue to work on the project



STUDENTS CORNER

FUTURE INDIA



Ms. Hemalakshmi.V
IIIrd Year,
Electronics & Communication Engineering

The Unconditional Love on my country is endless and last forever. India is a peace wanted country and the country with prosperity and good ethics. The mother India holds their children that are mountains as safe guardians, trees as supporters in her hands. India is a place of unity and peace. It is a place for all religious aspects. Everyone is common in the eyes of mother India. Though we have very great things to explore about our country, we also have many flaws that are must to be change to build a evergreen country.

The awareness of protecting nature, wild life animals our valuable resources are meant to be learn and should be known to every person in our country. Especially, students should be aware of these things to make an evergreen country and to last the evergreen's forever. India is a great mother to all children's in its hands but not only for humans, but for every part of country that it has trees, mountains, rivers, seas, oceans and all creatures are the children's to my dear country India.

Finally,

*“The love for my country become endless and wishes its
prosperity to flourish forever”*

OUR TEAM

EDITOR-IN-CHIEF



Dr. S. Sumithra
Professor & Head

MEMBERS



Dr. M. Shobana
Associate Professor / ECE



Dr. N.L. Venkataraman
Associate Professor / ECE

STUDENT MEMBERS



Ms. S. Mamtha
Content Team
IInd Year



Mr. V. Senthil Velan
Content Team
IInd Year



Mr. S. Madesh
Design Team
IIIrd Year



Ms. N.A. Yogarasi
Design Team
IIIrd Year

OUR RECRUITERS

 TATA CONSULTANCY SERVICES	 Capgemini		 EMERSON
MITSUBA <small>MITSUBA Sical India Private Limited</small>	Infosys [®] Navigate your next	YAMAHA	
TVS 	 cognizant [™]	HCL	 ChainSys
	tespa [™]	 <small>DESIGN. MANUFACTURE. SUSTAIN.</small>	 AVASOFT <small>SHAPING NEXT GEN</small>
JBM Group  <small>Our milestones are touchstones</small>	 UCAL FUEL SYSTEMS <small>UCAL FUEL SYSTEMS LIMITED</small>	FOCUS  R	 VDart
ATHENA  <small>TECHNOLOGY SOLUTIONS</small>		 Conserve <small>INSPIRE INNOVATE INTEGRATE</small>	Anand Engg 

and many more

OUR COLLABORATORS



J.J. COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE | Affiliated to Anna University | ISO 9001 : 2008 Certified

(Sowdambikaa Group of Institutions)

