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Department of Electronics and Communication Engineering

*Leading the pathway
to Success*

*in every actions
of milestones*



SPARKZ

OCTOBER 2024

NEWS LETTER

VOLUME-27



MESSAGES

Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.
Chairman

It gives me immense pleasure to commend the staff and the students of the Department of Electronics and communication Engineering for this excellent package “SPARKZ”. This Newsletter maps the merits and milestones accomplished by the department. I sincerely hope that the efforts put in by the students and the staffs help them in all their future endeavours.

Mrs. S. Jessie Priya M.Com.
Executive Director

This Newsletter is testament to the academic excellence of the college which in myriad ways is ingrained in our culture. It gives me great pleasure to see the exceptional potential of the students of the Department of Electronics and communication Engineering, in various extra-curricular activities as well as in academics. I congratulate the staff and the students on bringing out this wonderful Newsletter.

Mr. B. Shashi Sekar M.Sc.
Managing Director

I am very happy that our institution has shown a marvellous presentation of the activities through “SPARKZ”. I congratulate the staff and students for their excellent effort. Today, as we march towards a technological world, we aspire to open new vistas in the field of education for our students and this Newsletter helps us in our efforts.

Dr. S. Arivazhagan S M.E., Ph.D.
Principal

I take this opportunity to laud the efforts of all those who were involved in the making of this Newsletter from the Department of Electronics and communication Engineering, St. Joseph’s Institute of Technology. I would also like to appreciate the relentless efforts of our teachers for giving their best in bringing out the best in each student helping them achieve their goals.

We invite you to explore our Newsletter “SPARKZ”. We are sure that this Newsletter will quench the technical thirst of the students. It also unveils the department accomplishments in the past one month. We express our gratitude to our **Chairman** Dr. B. Babu Manoharan, M.A., M.B.A., Ph.D., **Executive Director** Mrs. S Jessie Priya., M.Com. **Managing Director** Mr. B Shashi Sekar., M.Sc., **Principal** Dr. S. Arivazhagan S M.E., Ph.D. **HOD** Dr. P G V Ramesh M.Tech., Ph.D, and staffs for providing us a podium to express our innovation and encouraging us in completing this edition of “SPARKZ”.

VISION

To come forth as an eminent department in the field of electronics and communication engineering to foster research in pioneering technologies and engender professionals having technical excellence and ethical values to serve the industry and society.

MISSION

Ingenious - To provide the best resources in teaching, learning and other to provide the best resources in teaching, learning and other potential in the field of Electronics and Communication Engineering.

Technical Excellence and societal development - To inculcate technical knowledge, appraise leadership qualities, team work and ethical practices in students so as to meet the expectations of the industry as well as the society.

Skill Enhancement - To organize exclusive courses, conferences, seminars on the current technological developments that imparts knowledge in pioneering technologies which will be an added benefit for bringing out the various talents in the students and faculties.

Industry Interaction- To uphold connectivity with industries to get on par with the recent technologies, consequently as to progress as center of excellence in research.

Career Guidance - To foster career improvement through placements, higher education, research and entrepreneur skills by continuous training and guidance.

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MINI PROJECT EXPO



On October 28, 2024, the Department of Electronics and Communication Engineering (ECE) at St. Joseph's Institute of Technology organized an engaging Mini Project Expo for second-year students. The event, held in the Embedded Systems Laboratory, ran from 8 a.m. to 3 p.m. and showcased student projects across various domains in electronics and communication. Students had the opportunity to display their innovations in areas such as IoT, embedded systems, digital electronics, and signal processing. The expo provided a platform for young engineering students to demonstrate their technical skills and creativity while applying theoretical concepts to real-world challenges. Faculty members from the ECE department guided and evaluated the projects, offering constructive feedback to the students.



INDUSTRY-INSTITUTE INTERACTION



Dr. G.S. Uthayakumar, associate professor from the Department of ECE, recently engaged in an industry-institute interaction aimed at strengthening partnerships with leading companies. During his visit, he held discussions with representatives from **Mouser Electronics, E-infochips, Digi Technologies, and Arrow Electronics**. The meetings focused on exploring potential collaborations **in areas of advanced electronics and technology**. This initiative is expected to enhance research opportunities and student training within the department.

He also participated in an industry-institute interaction with **Silicon Labs**, which included a hands-on session focused on enhancing practical knowledge in cutting-edge technologies. The collaboration is expected to benefit both faculty and students by providing exposure to real-world applications and advanced tools.



He also participated in an industry-institute interaction with Silicon Labs, which included a hands-on session focused on enhancing practical knowledge in cutting-edge technologies. In addition, he made an interaction **Edom Technology**, further expanding collaboration opportunities to benefit both faculty and students through exposure to real-world applications and advanced tools

EMPLOYABILITY AND ENHANCEMENT COURSE



The Department of Electronics and Communication Engineering recently organized a 45-hour **Employability and Enhancement Course** for 3rd-year students. Titled **SD0205 – Chip Design and Verification**, the course was held in collaboration with **Edveon Technologies**. A total of **123 students** participated, gaining valuable industry insights into chip design, verification processes, and related technologies. The course aimed to bridge the gap between academic learning and industry requirements, enhancing students' employability in the rapidly evolving field of electronics. Experts from Edveon Technologies provided hands-on training and real-world examples, enriching the students' practical knowledge. This initiative reflects the department's commitment to preparing students for a competitive job market. Students expressed appreciation for the opportunity to learn from industry professionals, equipping them with skills highly sought-after in the field of VLSI and semiconductor design.

AYUDHA POOJA



The Department of ECE celebrated **Ayudha Pooja** on **10th October 2024** with great enthusiasm across all its laboratories. Faculty members and students participated in the rituals, offering prayers for the smooth functioning of the equipment and academic success. The event fostered a sense of unity and devotion within the department. This celebration not only honored the significance of Ayudha Pooja in Indian culture but also reinforced the department's commitment to academic excellence and teamwork. The event concluded with a collective hope for continued success and positive energy to guide the department forward.

STUDENT ACHIEVEMENTS

NPTEL EXAMS

In a remarkable achievement, **47 final year** students from the Department of ECE have successfully cleared the **NPTEL** exam. Among them, **one** student earned the prestigious **Elite+Gold** certification, while another **two** secured **Elite+Silver**, and **27** others achieved **Elite** status. Additionally, **18 third-year** students passed, with **12** of them earning the **Elite** title. The **second-year students** also shined, with **12** clearing the exam, including **4** who achieved **Elite** certification. This accomplishment highlights the academic excellence and dedication of the students across all years.

NAME	COURSE NAME	CERTIFICATE TYPE	YEAR
Priskillal S	Soft Skill Development	Elite	III
Arunesh Rk	Python For Data Science	Elite	IV
Poreselvan A	Data Base Management System	Elite	IV
Franklin Duffy A	Python For Data Science	Elite	IV
Hari Aakash S	Python For Data Science	Elite	IV
Arun Kumar M	Data Base Management System	Elite	III
Goldwin G	Technical Communication For Engineers	Elite+Silver	IV
Saabika Roshni S	Data Base Management System	Elite	III
Lakshmi Priya R	Robotics	Elite	III
Shabareesh I	Soft Skill Development	Elite	IV
Neeraja	Sensor Technologies: Physics, Fabrication, And Circuits	Elite	III
Sujitha K	Soft Skill Development	Elite	IV
Swaathi T P	Soft Skill Development	Elite	IV
Swathi	Soft Skill Development	Elite	IV
M Jestina Kiruba Rani	Soft Skill Development	Elite	III
Sasikumar R	Introduction To Quantum Computing: Quantum Algorithms And Qiskit	Elite	III
Harshavardhini M	Soft Skill Development	Elite	IV
Venkat Pawan S	Soft Skill Development	Elite	IV
Harshath S N	Python For Data Science	Elite	IV
Dharshanaa	Soft Skill Development	Elite	II
Harinesh S	Soft Skill Development	Elite	IV
H Dhanush	Technical Communication For Engineers	Elite+Silver	IV
Thanuja S	Soft Skill Development	Elite	IV
Dharneesh R	Python For Data Science	Elite	IV
Krishna Ns	Data Base Management System	Elite	IV
Nithish Kumar R	Data Base Management System	Elite	II
Mohidha I	Soft Skill Development	Elite	III
Lakshaya	Soft Skill Development	Elite	III
Malini Priya G	Soft Skill Development	Elite	III

Gowtham B	Python For Data Science	Elite	IV
Ragul V	Soft Skill Development	Elite	IV
Mohamed Suhail M	Python For Data Science	Elite	IV
Mohammed Aadil K	Sensor Technologies: Physics, Fabrication, And Circuits	Elite	III
Mohammed Aadil K	Soft Skill Development	Elite	III
Keerthana R	Data Base Management System	Elite	III
Anu S	Data Base Management System	Elite	II
Thasfiqa A	Data Science For Engineers	Elite	II
Imman F	System Design Through Verilog	Elite	III
Mahalakshmi N	Product Design And Development	Elite	IV
Sai Harish S	Demystifying Networking	Elite	IV
Santhosh Kumar V	Demystifying Networking	Elite	II
H Dhanush	System Design Through Verilog	Elite+Gold	IV
Kumaresh V	System Design Through Verilog	Elite	III
Harini R	Design Thinking - A Primer	Elite	IV
Bharath Krishna S	Demystifying Networking	Elite	IV
Haresh Rahul S E	Design Thinking - A Primer	Elite	IV
Nithish Selvaganesh P	Data Base Management System	Successfully Completed	IV
Palaniappan M	Data Base Management System	Successfully Completed	IV
Pradeep	Soft Skill Development	Successfully Completed	III
Vikneswaran A	Python For Data Science	Successfully Completed	III
Sivaprakasam T	Soft Skill Development	Successfully Completed	III
Harish Sritharan	Python For Data Science	Successfully Completed	III
Kishore Kumar C	Sensor Technologies: Physics, Fabrication, And Circuits	Successfully Completed	III
Jai Ganesh S	Sensor Technologies: Physics, Fabrication, And Circuits	Successfully Completed	III
Mowriya Sriram S	Advance Power Electronics And Control	Successfully Completed	II
Crasencia Mary A	Soft Skill Development	Successfully Completed	III
Vishwa S	Data Base Management System	Successfully Completed	III
Tharasi Sandhya	Soft Skill Development	Successfully Completed	III
Srinithi A	Introduction To Machine Learning (Tamil)	Successfully Completed	III
Kavin J J	Data Base Management System	Successfully Completed	II

Hari Prasath B	Python For Data Science	Successfully Completed	III
Karishma	Data Base Management System	Successfully Completed	II
Prajith Raj	Data Base Management System	Successfully Completed	II
Mohamed Rifay S	Robotics	Successfully Completed	II
Padma Sri S	Sensor Technologies: Physics, Fabrication, And Circuits	Successfully Completed	III
Jenita Paulyn S	Soft Skill Development	Successfully Completed	III
Joseph Beniel K	Sensor Technologies: Physics, Fabrication, And Circuits	Successfully Completed	III
Kabilaesh M	Sensor Technologies: Physics, Fabrication, And Circuits	Successfully Completed	III
Shree Nee Jananee R D	Soft Skill Development	Successfully Completed	II
Vaishnav Raaj S	Soft Skill Development	Successfully Completed	III
Deepak Darshan S	Python For Data Science	Successfully Completed	III
Karthick M	Data Base Management System	Successfully Completed	III
Nivethitha	Soft Skill Development	Successfully Completed	II
Nandhitha K	Soft Skill Development	Successfully Completed	II
Abhinayaa	Soft Skill Development	Successfully Completed	II
Letika Pm	Data Base Management System	Successfully Completed	III
Hemath Sakthi S S	Sensor Technologies: Physics, Fabrication, And Circuits	Successfully Completed	III
Ajay Prasad S	Data Science For Engineers	Successfully Completed	III
Kiruthika R	Data Science For Engineers	Successfully Completed	III
R Mukesh Arun	Introduction To Operating Systems	Successfully Completed	III
Varun S	Demystifying Networking	Successfully Completed	III
Bimal S	Data Science For Engineers	Successfully Completed	III
Lokeshwar R	Introduction To Operating Systems	Successfully Completed	III
K Dhanush Kottai Raj	Demystifying Networking	Successfully Completed	III

Mohamed Rashik Ali J	Introduction To Operating Systems	Successfully Completed	III
Sarumathi G V	Numerical Methods	Successfully Completed	II
Venkata Krishnan R S	Introduction To Operating Systems	Successfully Completed	III
Abdul Rahman M	Demystifying Networking	Successfully Completed	III
Shameera	Demystifying Networking	Successfully Completed	III

The accomplishment extends beyond the final-year students; 18 third-year students also passed the NPTEL exam, with 12 of them earning the Elite title, highlighting the depth of talent within the junior cohort. The second-year students further showcased their potential, with 12 clearing the exam, including 4 who achieved Elite certification, indicating a promising future for the department. This collective success underscores the strength of the ECE department's academic foundation, the students' unwavering commitment, and the faculty's support in guiding them towards such remarkable achievements. The department continues to foster an environment of excellence, inspiring students across all years to pursue and reach their academic goals.

STUDENT BEST PAPER AWARD

Final year students from the ECE department, Beryl Daphne S and A. Govarthini, presented their paper titled "Proactive Health Care Machine Learning in Jaundice Risk Predictions" at an international conference. Their innovative research earned them the title of Best Paper Winner at the Vivekananda Institute of Management Studies during the VIMS ICON'24 event. This recognition highlights the students' dedication and expertise in leveraging machine learning for healthcare solutions. Their achievement reflects the high academic standards and innovative spirit fostered within the ECE department.

STAFF ACHIEVEMENTS

PUBLICATIONS

Dr. C. Gnana Kousalya, Professor in the Department of ECE, has achieved the indexing of her research paper on Web of Science. The paper, titled **"Feature Selection on Real-Time Application Using Hybrid of Flamingo Search Algorithm and Improved Non-Dominated Sorting Genetic Algorithm III,"** contributes significant insights into feature selection methods for real-time applications. This accomplishment underscores her dedication to advancing research in cutting-edge algorithmic techniques.

Dr. G.S. Uthayakumar, Associate Professor in the Department of ECE, has achieved recognition with his latest research paper indexed under the title *"Optimized Energy Management for Interconnected Networked Microgrids: A Hybrid NEGCN-PFOA Approach with Demand Response and Marginal Pricing."* This study presents a novel approach to enhancing energy distribution in interconnected microgrids by integrating demand response and marginal pricing models. Utilizing the innovative NEGCN-PFOA hybrid model, the research aims to improve efficiency and sustainability in energy management.

Dr. C. Mohan, Assistant Professor in the Department of ECE, recently published a research paper titled **"A Compact Inset Coupled-Fed Triangular Patch Antenna for Wideband 5G Applications."** The paper appears in the September 2024 issue of the **Indonesian Journal of Electrical Engineering and Informatics (IJEI)**, Volume 12, Issue 3, on page 659. This study introduces an innovative antenna design optimized for 5G applications, aiming to enhance bandwidth and efficiency in next-generation networks. His work is expected to contribute to advancements in compact antenna technology for high-speed communication. This publication underscores his expertise in antenna design and dedication to impactful research in telecommunications.

PATENT

Dr. G. Rohini from the ECE department has successfully published a patent titled **"Hyper Spectral Sensing-Based System for Salad Leaf Disease Detection and Prediction Using Machine Learning."** The patent, with application number 202441074598, focuses on innovative techniques for early detection and prediction of diseases in salad leaves. This achievement highlights significant advancements in agricultural technology using machine learning and hyperspectral sensing.

Dr. S. Tephillah, Associate Professor in the Department of ECE, has recently published a patent titled **"Speech Stammer Detection System Using Spectral Features and Artificial Neural Networks."** This innovative system utilizes spectral features combined with neural network algorithms to identify and analyze speech stammering patterns with improved

accuracy. The patent, officially published on November 1, 2024, bears the application number 202441081304.

Mr. J. Bino, Assistant Professor from the Department of ECE, has published a patent on a **"Solar Power Generation Forecasting System Using Random Forest Regression."** The patent, filed on October 18, 2024, bears the application number 202441076069. This innovation aims to enhance the accuracy of solar power generation predictions, contributing significantly to renewable energy management

Mr. A. Anist, Assistant Professor in the Department of ECE, has recently published a patent titled **"Integration of IoT and Machine Learning for Energy-Efficient Smart Home Automation."** This innovative system combines IoT technology with machine learning to optimize energy usage in smart home environments, enhancing automation and sustainability. The patent, officially filed on October 10, 2024, bears the application number 202441077415.

FDP/WORKSHOP

S. N O.	NAME	DESIGNATION	FDP/WORKSHOP	MODE	COLLEGE NAME	DAYS
1	Dr.P.G.V. Ramesh	Professor	Unlocking the Potential of AI: Journey from Transformer Models to GenAI, Applications from Industry to Space, and the Evolving Threat Landscape	Physical	St.Joseph's College Of Engineering	14.10.2024 To 26.10.2024
2	Dr.C.Gnana Kousalya	Professor	Unlocking the Potential of AI: Journey from Transformer Models to GenAI, Applications from Industry to Space, and the Evolving Threat Landscape	Physical	St.Joseph's College Of Engineering	14.10.2024 To 26.10.2024
3	Dr.G.Rohini	Professor	Unlocking the Potential of AI: Journey from	Physical	St.Joseph's College Of Engineering	14.10.2024 To 26.10.2024

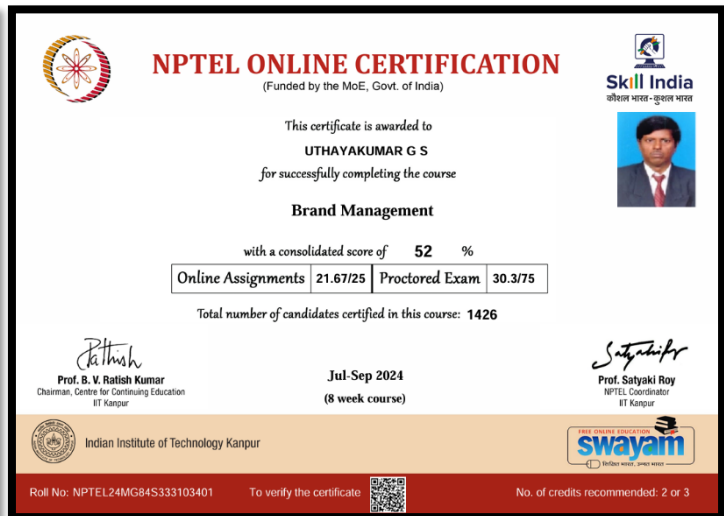
			Transformer Models to GenAI, Applications from Industry to Space, and the Evolving Threat Landscape			
4	Dr.M.V.Karthik-eyan	Associate Professor	Unlocking the Potential of AI: Journey from Transformer Models to GenAI, Applications from Industry to Space, and the Evolving Threat Landscape	Physical	St.Joseph's College Of Engineering	14.10.2024 To 26.10.2024
5	Mr.T.Siva	assistant professor	Drones and Development: Building Faculty Capacity For Sustainable Solutions	Physical	Vels Institute of Science Technology and Advanced Studies	21.10.2024 To 26.10.2024
6	Mr.D.Suresh	Assistant Professor	Recent Trends in Power Engineering And Electric Vehicle Technologies	Physical	St. Joseph's Institute of Technology	21.10.2024 To 26.10.2024
7	Mr.J.Bino	Assistant Professor	Unlocking the Potential of AI: Journey from Transformer Models to GenAI, Applications from Industry to Space, and the Evolving Threat Landscape	Physical	St.Joseph's College Of Engineering	14.10.2024 To 26.10.2024
		Assistant Professor	Artificial Intelligence Techniques for Advancing Medical Data Processing and Health Care	Physical	St. Joseph's Institute of Technology	23.9.2024 To 28.9.2024
8	Mrs.G.Sneha	Assistant Professor	Drones and Development: Building Faculty Capacity For Sustainable Solutions	Physical	Vels Institute of Science Technology and Advanced Studies	21.10.2024 To 26.10.2024

9	Mr.A.Anist	Assistant Professor	POWER ENGINEERING AND E-VEHICLE	Physical	Chennai Institute of Technolgy	21.10.2024 To 26.10.2024
1	Dr. Kangeyan R	Assistant Professor	Future-Ready Antenna Design: Cutting-Edge Solutions for 5G mm-Wave and Beyond”	Physical	St. Joseph's Institute of Technology	14.10.2024 To 18.10.2024
1	Mrs. Yuvashree	Assistant Professor	Transferring tommorrow challenges to innovation	Physical	SRM Institute Of Science And Technology,K attankulathur	27.09.2024 To 03.10.2024

STAFF NPTEL



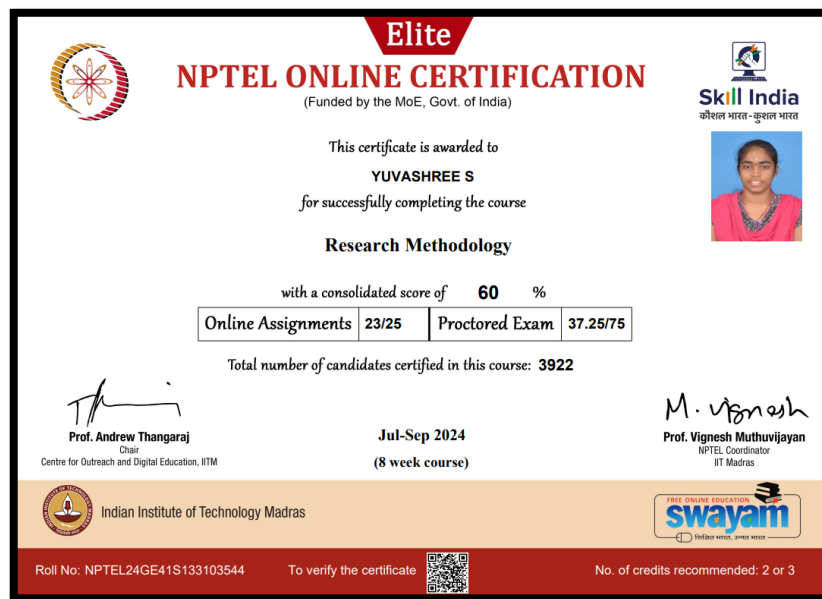
Dr. P.G.V. Ramesh, professor and head of the Department of ECE, has successfully qualified in the NPTEL exam on "Basic Software Defined Radios and Practical Applications." He earned an Elite Certificate, showcasing his expertise in cutting-edge communication technologies.



Dr. G.S. Uthayakumar, Associate Professor in the Department of ECE, has successfully qualified in the **NPTEL exams** for the topics "**Soft Skill Development**" and "**Brand Management**" after completing an intensive 8-week course. His achievement highlights his dedication to enhancing his skills in critical areas that complement technical expertise.



Ms. G. Sneha, assistant professor from the Department of ECE, has successfully qualified in the **NPTEL exam** on the topic of "**Soft Skill Development.**" Her achievement highlights the importance of integrating essential soft skills alongside technical expertise in education.



Ms. S. Yuvashree, assistant professor from the Department of ECE, has successfully qualified in the NPTEL exam on the topic of "**Research Methodology**." Her accomplishment underscores the department's focus on promoting advanced research skills among its faculty.

PLACEMENT



The Department of Electronics and Communication Engineering (ECE) at St. Joseph's Institute of Technology proudly announced the placement of **12 students in Infosys**, a leading global IT services company. The successful candidates, hailing from the **2021-2015 batch**, have demonstrated remarkable talent and dedication throughout their academic journey. The list of achievers includes **Aadhav, Harish Kalyan Sheeram, Ishitha, Jeevahan, Mary Jessica, Mohammad Shafi, Nisha, Srinithi, Swathi T.P., Sharmila Devi, Varsha Murugan Venkatpawan, Vishwa S, and Yamini.**

These students excelled in the rigorous selection process conducted by Infosys, showcasing their technical expertise, problem-solving abilities, and effective communication skills. Their achievement reflects the quality of education and comprehensive training provided by the ECE department, equipping students to meet industry standards. Faculty members expressed their pride in the students' success, attributing it to their hard work, perseverance, and the department's supportive learning environment.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2021 - 2025 BATCH
PLACEMENTS

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Congratulations!
For getting placed in Cognizant

JOSNA VINCY S

The Department of Electronics and Communication Engineering (ECE) extends heartfelt congratulations to **Josna Vincy S** for her successful placement with Cognizant. As a member of the **2021-2025** batch, **Josna** has secured a position in **Cognizant's prestigious Digital Nurture 3.0 - GenC program**, with an impressive annual package of **₹4 lakhs**. This achievement reflects her hard work, commitment, and the solid academic foundation provided by the ECE department.

Faculty and students alike are celebrating this accomplishment, recognizing Josna's success as an inspiration for her peers aiming to excel in the tech industry. The department takes pride in nurturing talented students like Josna, who continue to make a mark in leading global companies. Congratulations once again to Josna Vincy S on this well-deserved success!

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Michael Arul Abel J
Batch 2021-25
Department of Electronics and
Communication Engineering

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Michael Arul Abel J, a student from **the 2021-2025** batch of the Department of Electronics and Communication Engineering (ECE) at St. Joseph's Institute of Technology, has been selected for a core industry internship at Cadence, a leading global electronics design automation company. This coveted opportunity comes with a stipend, offering an impressive annual package of **₹4.8 lakhs**. Michael's accomplishment highlights his technical prowess and dedication, marking a significant step forward in his career.

The internship at Cadence is expected to provide Michael with hands-on experience and invaluable insights into the core industry, further strengthening his professional skills. Congratulations to Michael Arul Abel J on this exceptional achievement, which serves as an inspiration to his peers and a proud moment for the department!

PRIZE WINNERS

The Department of Electronics and Communication Engineering (ECE) celebrates the success of its students who recently excelled in multiple intercollegiate technical events. In a notable achievement, second-year ECE teams secured second and third places in the "Tech Fiesta" and "Debug Explorer" events at KCG College of Technology, Chennai, earning cash prizes for their performances. Another team of second-year students won third place in "Tech Bingo" at Loyola ICAM College of Engineering and Technology, Chennai.

Adding to these achievements, final-year students were recognized with the Best Paper Award at a prestigious conference hosted by Vivekananda Institute of Management Studies in Coimbatore. These accolades reflect the hard work and dedication of ECE students, as well as the department's commitment to fostering technical excellence and encouraging participation in various academic forums.

S. N O	NAME	YE AR	DATE	EVENT	COLLEGE	PLACE WON
1	Dinesh Kumar R Deepak Kumaran A Jaganmohan Reddy E	II	4/10/2024 & 5/10/2024	Tech Fiesta	KCG College of Technology, Chennai.	II (Rs.750/-)
2	Kalidass L Keerthanaa N Naren Karthik S	II	4/10/2024 & 5/10/2024	Debug Explorer	KCG College of Technology, Chennai.	III (Rs.500/-)
3	Poornima B Madhumithaa D K	II	28/9/2024	Tech Bingo	Loyola ICAM College of Engineering and Technology, Chennai.	III
4	S. BERYL DAPHINE A. GOVARTHINI	IV	4/10/2024	Confere nce	Vivekananda Institute of Management Studies, Coimbatore.	Best Paper Award

SCHOOL VISIT

On **28.10.24**, the ECE Department had the pleasure of hosting a group of enthusiastic students from **Velammal Vidyalaya Annexure (CBSE) in Ambattur Industrial Estate**. A total of **53 students**, comprising **27 boys** and **26 girls**, visited our labs as part of their educational trip. The visit aimed to give students an insight into the field of electronics and communication engineering, showcasing the exciting projects and technologies that define our department.

The students were greeted by faculty members who provided an overview of the various research areas and ongoing projects within the department. They were particularly fascinated by demonstrations of cutting-edge equipment and experiments that illustrate real-world applications of their classroom learning. The interactive sessions allowed students to engage directly with faculty and current ECE students, sparking discussions about potential careers in engineering.

The visit also included a tour of the laboratory facilities, where students witnessed firsthand the innovative work being done in areas such as signal processing, embedded systems, and telecommunications. Many students expressed their excitement about the practical applications of what they learn in school, inspiring them to explore further studies in engineering.

OFFICIAL WEBPAGES FOR THE LATEST UPDATES



https://www.linkedin.com/search/results/all/?keywords=ece_technology_stjoseph%27s&origin=TYPEAHEAD_HISTORY&searchId=4c3f6d30-db28-4289-861f-4a33f6df8d4e&sid=Dd6&spellCorrectionEnabled=true



<https://www.youtube.com/@stjosephsinsituteoftechno7125>








https://www.instagram.com/ece_st_josephs_technology?igsh=c3Fzb2s3M3B4MW44

Visit our department website to stay connected with us

<https://stjosephstechnology.ac.in/web/ece/index.php>

CONGRATULATIONS CIRCULAR


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Approved by AICTE, New Delhi and Affiliated to Anna University.

Outcome of "INVENTIFY" – A 24 hours Hackathon

The following short-listed students from the Internal hardware hackathon teams are being offered **Internship interview with Stipend** at Flynet Technologies Pvt. Ltd, Chennai.

S. No	Name of the students	Year/ Department	Team Name	College Name	
1.	Jasmine J	IV/ EEE	Aero Squad	St. Joseph's College of Engineering	
2.	Jasigo Kriñi S				
3.	Jaison Alexander				
4.	Jeganthan R				
5.	Aalan Jayaraj	II/ECE	Electro Magic	St. Joseph's Institute of Technology	
6.	C S Steve Christian Samuel	II/ECE	The Noble Knights		
7.	Sangeeth Kumar LM				
8.	Varun Ragav				
9.	Nehanthi Sugumar	II/ECE	Neura Bytes	St. Joseph's Institute of Technology	
10.	Samuel James Billy Graham	III/ECE	The Mavericks		
11.	Risikesvar G				
12.	Roshan G				
13.	Senthil kumar D				

The offer was made by the following jury members.

Jury Name:

1. Mr. C. Jeeva
Product Manager
Unmanned Aerial Systems
Flynet Technologies Pvt. Ltd, Chennai
2. Mr. E. Deepa Anandhan
Senior Designer
Unmanned Aerial Systems
Flynet Technologies Pvt. Ltd, Chennai

110924


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Congratulations

The Management, Principal, Staff members and Students are pleased to Congratulate the following students who won **Best Paper Award** in the **International Conference on Proactive Healthcare Machine Learning in Jaundice Risk Predictions** conducted by **Vivekananda Institute of Management Studies, Coimbatore**.

S. NO	TEAM MEMBERS	YEAR	DATE	EVENT	PLACE WON
1.	S. BERYL DAPHINE A. GOVARTHINI	IV	4/10/2024	Conference	Best Paper Award


Chairman
 23/10/24

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The Management, Principal, Staff members and Students are pleased to Congratulate the following students for winning the competition with Cash Prize and Certificate in National Level Technical Symposium conducted by various reputed Institutions.

S. NO	NAME	YEAR	DATE	EVENT	COLLEGE	PLACE WON
1.	Dinesh Kumar R Deepak Kumaran A Jaganmohan Reddy E	II	4/10/2024 & 5/10/2024	Tech Fiesta	KCG College of Technology, Chennai.	II (Rs.750/-)
2.	Kalidass L Keerthanaa N Naren Karthik S	II	4/10/2024 & 5/10/2024	Debug Explorer	KCG College of Technology, Chennai.	III (Rs.500/-)
3.	Poornima B Madhumithaa D K	II	28/9/2024	Tech Bingo	Loyola ICAM College of Engineering and Technology, Chennai.	III

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