

the newsletter

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JAN 2024 - JUNE 2024

OFFICIAL NEWSLETTER OF SJ CET PALAI

ST. JOSEPH'S
COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -



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AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM

THE NEWS, *Delivered.*

VISION

Developing into a world-class, pace-setting Institute of Engineering and Technology with distinct identity and character, meeting the goals and aspirations of the society.

MISSION

- To maintain a conducive infrastructure and learning environment for world class education.
- To nurture a team of dedicated, competent and research oriented faculty.
- To develop students with moral & ethical values, for their successful career by offering variety of programmes and services.



NEWS FROM FACULTY

PAPERS PRESENTED / PUBLISHED / ACCEPTED

Department of Artificial Intelligence and Data Science

1. Dr.Renjith Thomas et.al presented a paper entitled "Automated detection of traffic rule violation using deep learning techniques", in the International Conference on Recent Advances in Intelligent Computational Systems (RAICS) organized by Mar Athanasius College of Engineering, Kothamangalam, Kerala, India from May 16 to May 18, 2024.
2. Prof.Jabin Mathew et al. presented a paper entitled "Document Digitization Using Optical Character Recognition - Revolutionizing Road Damage Assessment with YOLOv8-based Deep Learning and Computer Vision Techniques" at the First International Conference on Trends in Engineering Systems and Technologies (ICTEST) 2024, Organized by Govt. Model Engineering College, Kochi , during 11-13 April 2024.
3. Prof.Neena Joseph et al. presented a paper entitled "Document Digitization Using Optical Character Recognition - A Case Study of Mark Entry Automation in Educational Institutions" at the First International Conference on Trends in Engineering Systems and Technologies (ICTEST) 2024, Organized by Govt. Model Engineering College, Kochi, during 11-13 April 2024.

Department of Computer Science and Engineering

1. Prof. Mereen Thomas & et al Presented a paper entitled "FarmSage: Greenhouse Monitoring and Crop Recommendation System" at the SPICE 2K24: International Conference, Mar Baselious Christian College

of Engineering and technology, Kerala, India, 10th February 2024.

2. Prof. Dyni Thomas & et al Presented a paper entitled "SkillVault: Where AI Precision Meets Human Potential In Crafting Careers" at the KETCON 2024: National Conference, Ahalia School of Engineering, Palakkad, Kerala, India, 16th February 2024.

3. Prof. Kishore Sebastian & et al Presented a paper entitled "EnviroGuard-An Indoor Air Quality Monitoring System", at the KETCON 2024: National Conference, Ahalia School of Engineering, Palakkad, Kerala, India, on 16th February 2024.

4. Prof. Sarju S & et al Presented a paper entitled "AquaRover: An Advanced Obstacle Detecting Driving System", Presented at the KETCON 2024: National Conference, Ahalia School of Engineering, Palakkad, Kerala, India, 16th February 2024.

5. Prof. Ashly Thomas & et al Presented a paper entitled "Imagine AI:Illuminating The Path For The Blind" at the KETCON 2024: National Conference, Ahalia School of Engineering, Palakkad,Kerala, India, 16th February 2024.

6. Prof. Smitha Jacob & et al, presented a paper entitled "JustAqua" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

7. Prof. Divya Sunny & et al Presented a paper entitled "TechSow: Integrated crop and soil health monitoring system" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

8. Prof. Jibin Philip & et al Presented a paper entitled "EcoExpense: An online splitting app" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

9. Prof. Praseetha V M & et al Presented a paper entitled "Wander05" at the KETCON 2024: National Conference, Ahalia School of Engineering, Palakkad, Kerala, India, 16th February 2024.

10.Prof. Kishore Sebastian & et al Presented a paper entitled "AugmentSpace: An AR based interior designing app" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

11.Prof. Bino Thomas & et al Presented a paper entitled "ProBo - A Fully Autonomous Floating Waste Collector Robot" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

12.Prof. Divya Sunny & et al Presented a paper entitled "AquaTech - An Automatic Precision Irrigation System" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

13.Prof. Maria Yesudas & et al Presented a paper entitled

"SmartECO: An IOT based Smart Home Energy Management System" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

14.Prof. Bino Thomas & et al Presented a paper entitled "Fulmine: Forecasting Energy Consumption in Industries" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

15.Prof. Mereen Thomas & et al Presented a paper entitled "Galerius - Video Game Experience Tailored for Seniors" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

16.Prof. Gayathri R Krishna & et al Presented a paper entitled "Hazebuster: Vehicle Liscense Plate Recognition for FogHaze Environment" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

17.Prof. Thushara Sukumar & et al Presented a paper entitled "ThirdEye-Connecting the dots of the unseen world" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

18.Prof. Athirasree Das & et al Presented a paper entitled "AquaAlert: An IOT based Flood Detection System" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024

19.Prof. Dona Mary Cherian & et al Presented a paper entitled "CareWave : An advanced health monitoring software" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

20.Prof. Thushara Sukumar & et al Presented a paper entitled "Ecodefender-An Animal Intrusion Detection System" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

21.Prof. Vimal Babu P & et al Presented a paper entitled "DSign (Speech to Sign Translator)" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

22.Prof. Angitha George & et al Presented a paper entitled "Cognicare-Computerised Re-Training of Individuals with Cognitive Impairments" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

23.Prof. Ashly Thomas & et al Presented a paper entitled "Luminous Pursuit" at the Techletics'24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

24.Prof. Athirasree Das & et al Presented a paper entitled "DeepReality - Deepfake Detection using VGG16 and

EfficientNet” at the Techletics’24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

25. Prof. Dyni Thomas & et al Presented a paper entitled “TRACE:Eye Tracker” at the Techletics’24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February 2024.

26. Prof. Jibin Philip & et al Presented a paper entitled “Smart Dustbin - Waste Segregation System using Convolution Neural Network” at the Techletics’24: International Conference, Christ College of Engineering, Irinjalakuda, Kerala, India, 28th February. 2024.

27. Prof. Gayathri R Krishna & et al Presented a paper entitled “CookItUp: Recipe Recommendation using Image Capture Technology” at the NCASCD 24: National Conference, Mar Baselious Christian College of Engineering and technology, Kerala, India, 25th March 2024

28. Prof. Vimal Babu P & et al Presented a paper entitled “TranslateHub: Overcoming the language barrier” at the NCASCD 24: National Conference, Mar Baselious Christian College of Engineering and technology, Kerala, India, 25th March 2024.

29. Prof. Angitha George & et al Presented a paper entitled “Handrehab” at the NCASCD 24: National Conference, Mar Baselious Christian College of Engineering and technology, Kerala, India, 25th March 2024.

30. Prof. Syamamol T & et al Presented a paper entitled “Culinary Hub: Tailore Recipe and Culinary Community” at the SPIN2K24: International Conference, Viswajyothi College of Engineering and Technology, Vazhakulam, Kerala, India, 26th March 2024.

31. Prof. Smitha Jacob & et al Presented a paper entitled “AIDriven Video Prompt Analysis” at the SPIN2K24: International Conference, Viswajyothi College of Engineering and Technology, Vazhakulam, Kerala, India, 26th March 2024.

32. Prof. Maria Yesudas & et al Presented a paper entitled “TalkSync: A Real Time Speech Translation Extension” at the NCIPETC-24: National Conference, Carmel College of Engineering and Technology, Alappuzha, Kerala, India, 12th April 2024.

33. Dr. Joby P P published a research paper entitled “Deriving Insights from Graph Databases Using Embedding Techniques” Published in the 4th International Conference on Expert Clouds and Applications (ICOECA-2024), 18th and 19th April 2024.

Department of Computer Science and Engineering (Cyber Security)

1. Prakash A. J., & Sruthy, S. (2024). Enhancing traffic sign recognition (TSR) by classifying deep learning models to promote road safety. *Signal, Image and Video Processing*, 1-17.

2. Sheeja Agustin, Sruthy S, Ajay James & Philomina Simon (2024) Residual U-Net approach for thyroid nodule detection and classification from thyroid ultrasound images, *Automatika*, 65:3, 726-737, DOI: 10.1080/00051144.2024.2316503

Department of Electronics and Communication Engineering

1. Sunitha S Pillai, Assistant Professor ECE presented the paper titled “Rainwater Monitoring System” in the International Conference on Signal Processing, Instrumentation & Communication Engineering (SPICE 2K24) organized by Department of Electronics & Communication Engineering, MBITS in association with Bureau of Indian Standards (BIS) on 9th & 10th February 2024 and selected as the best paper.

2. Arun.P, Madhukumar.S, Careena.P, Sreesh P R and Anto. M, “A Machine Learning Strategy to Detect COVID-19 by Inspecting the Statistical Significance of Standard Deviation of Sound Samples of Healthy, Covid and Post Covid Conditions, *IEEE Xplore*, pp. 1-6, February 2024, doi: <https://doi.org/10.1109/AICERA/ICIS59538.2023.10420233>.

3. Meekha Mathew, Sreesh P R, Madhukumar S and Arun P, “High-Performance Turbo Coder Design using MAP Algorithm and Gating Technology for Error Correction in Communication Systems”, *International Journal of Engineering and Technology*, Vol.1, pp.1- 6, January 2024.

4. Elone Anne Benny, Sreesh P R, Madhukumar S and Arun P, “An Area and Power Efficient Kogge Stone Adder Using Gate Diffusion Input Logic”, *International Journal of Engineering and Technology*, Vol.1, pp.16-22, January 2024.

5. Careena P, Mary Synthuja Jain Preetha M and P. Arun, “Statistically Significant Feature-Based Heart Murmur Detection and Classification using Spectrogram Image Comparison of Phonocardiogram Records with Machine Learning Techniques”, *Australian Journal of Electrical and Electronics Engineering*, Taylor and Francis, pp.1-16, February 2024,

6. J. Joy, A. T. John, A. Anna Alex, A. S. Nair, P. R. Sreesh and A. Manuel, “Elderly Fall Detection System Using mm-Wave Radar Sensor”, 2024 Fourth International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT), Bhilai, India, 2024, pp. 1-8, doi:10.1109/ICAECT60202.2024.10468881.

7. Anet Sunny, Johns Pattara, Nayana Mol Joseph, Sonu Jacob, Prof. Anu Jyothy, Prof. Anto Manuel, 2024, “An Automated Solution to Dry and Sterilize Baby Essentials with Ease”, *International journal of Engineering Research & Technology (IJERT)* Volume 13, Issue 04 (April 2024)

8. Abhisree B, Ann Maria Johnney, Jose Abraham, Josil N D,

Dr. Anuja George, and Sreesh P R, "Smart Wearable Jacket for Assisted Outdoor Navigation of Visually Impaired" Proceedings of Kerala Technological Congress (KETCON) from 16th to 18th February 2024.

9. Abhin Jin, Alan Thomas, Deepu C D, Rehan M Patani, Dr. Anuja George, and Sunitha S Pillai, "IoT Based Smart School Bus Monitoring and Security System" Proceedings of KETCON Kerala Technological Congress (KETCON) from 16th to 18th February 2024.

10. Jyothy, A., and George, A. (2024). "Unlocking the Potential: Ultra-Wideband". i-manager's Journal on Electronics Engineering, 14(2), 31-39.

11. Adithyan S Philip, Arjun krishna C V, Diya Sebastian, Nayana Manoj, Rincy Merin Varkey, Nitha M Biju, Department of ECE, SJCTET, presented the paper "VOXIWHEEL" at Kerala Technological Congress (KETCON) from 16th to 18th February 2024.

12. Sachin Joshy, Arya Sara Alex, Arjun T S, Thejas Krishna and Sunitha S Pillai, "Rainwater Monitoring System", International conference on Signal Processing, Instrumentation & Communication Engineering (SPICE 2K24) organized by Department of Electronics & Communication Engineering, MBITS in association with Bureau of Indian Standards (BIS) on 9th & 10th February 2024.

Department of Electronics and Computer Engineering

Ms Tinu Thomas, Title: "A Comprehensive Review Analysis on Osteoarthritis Using Deep Learning and Machine Learning Technologies for Arthritis Detection", International Conference on Circuit Power and Computing Technologies (ICCPCT) ©2024 IEEE

Department of Mechanical Engineering

1. Prof. Pradeep P. V., Prof. Abin Paul and Dr. Lijo Paul (Faculty members - Department of Mechanical Engineering, SJCTET Pala,) published a Book Chapter entitled "Application of micro machining and additive manufacturing processes for difficult-to-cut materials in aerospace industry- a review" in the book Modern Manufacturing Processes for Aircraft Materials published by Elsevier Publications.

2. Dr. Lijo Paul and Dr. Abyson Scaria (Faculty members - Department of Mechanical Engineering, SJCTET Palai) published a Book Chapter entitled "Multi-response Optimization During High-speed Drilling of Composite Laminate Using Grey Entropy Fuzzy (GEF) and Entropy-Based Weight Integrated Multi-Variate Loss Function" in the book Evolutionary Optimization of Material Removal Processes published by CRC Press (Taylor & Francis Group) Publications.

Master of Business Administration

1. Ms. Nimmy George and Dr. Soumya Varghese, "Consumer Perception Towards Brand Awareness And Its

Impact On Market Performance: A Study With Reference To Fibre To The Home Technology", published in International Journal of Advance and Applied Research (IJAAR), A Multidisciplinary International Level Referred and Peer Reviewed Journal, (ISSN No: 2347-7075) Volume-5 Issue-17, pp:149-152, May-June- 2024 Impact Factor- 7.328.

2. Dr. Soumya Varghese participated & presented paper on Unveiling the Landscape of Big Data: Challenges, Opportunities, and Applications Across Industries in the 2nd International Conference on Resilience, Reinvent and Way Forward organised by Department of Management Studies of M.O.P Vaishav College for Women on 4th and 5th January 2024.

Master of Computer Applications

1. Dr. Rahul Shajan and Jayamol Ramesan presented a paper titled "Smart Garbage Monitoring System using IoT." This paper explores how the Internet of Things (IoT) can be utilized to enhance garbage monitoring and management. The system involves using IoT sensors and devices to monitor waste levels, optimize collection schedules, and improve overall waste management efficiency.

2. Dr. Rahul Shajan and Fathima Nahla presented a paper titled "A Review of Image Processing Techniques for DeepFake." This paper provides an overview of various image processing methods used to create and detect DeepFake content, which involves manipulating images and videos using artificial intelligence

3. Jom Binoy and Liz George presented a paper titled "Blockchain Technology for Intelligent Transportation System." Their research explores how blockchain technology can enhance and secure intelligent transportation systems (ITS), discussing potential benefits like improved data security, transparency, and efficiency

4. Mohammed Hisham K P and Akhil Sekharan presented a paper titled "Unleashing the Power: AI Revolutionizing Stock Market Investment Strategies." This paper explores how artificial intelligence (AI) is transforming investment strategies in the stock market, covering AI techniques such as machine learning algorithms and predictive analytics.

5. Kishor Vinod and Akhil Sekharan presented a paper titled "Sign Language Interpreter with Text and Animation." Their research explores the development of a system designed to interpret and translate sign language into text and animated representations.

6. Gokul Sali Rajan and Akhil Sekharan presented a paper titled "Integration of Malayalam Numerals with Digit Recognition." Their work focuses on developing or improving systems for recognizing and processing Malayalam numerals within digital contexts.

7. George Francis and Alex Jose presented a paper titled "Implementing Virtual Cloth Tryon using OpenCV." Their research focuses on using OpenCV to develop a virtual cloth try-on system.

8. Pushpamol George and Alex Jose presented a paper titled "AI in Nanobiomedical Technology." Their research delves into how artificial intelligence (AI) can be applied to nanobiomedical technology to advance medical diagnostics, treatments, and research.

9. Nafeesath Neema and Sumithmon KS presented a paper titled "Bio-Inspired Robotic Solutions for Landslide Monitoring." This research explores the development and application of robotic systems inspired by biological organisms for monitoring and managing landslides

(B) CONFERENCES / SEMINARS / TRAINING PROGRAMMES

Department of Artificial Intelligence and Data Science

1. Prof. Rashmi Annamma George participated in the Faculty Development Programme on "Research Applications in Artificial Intelligence and Machine Learning", organized by St. Joseph's College of Engineering & Technology, Pala, from 8th January to 13th January 2024, sponsored by AICTE Training and Learning (ATAL) Academy.

2. Prof. Rashmi Annamma George participated in the Faculty Development Programme on "Unleashing the Potential of System on Chip and its Architecture", organized by St. Joseph's College of Engineering & Technology, Palai, from 15th January to 20th January 2024, sponsored by AICTE Training and Learning (ATAL) Academy.

3. Prof. Jacob Thomas participated in the Faculty Development Programme on "Cyber Security -Trends and Challenges", organized by St. Joseph's College of Engineering & Technology, Palai, from 15th January to 20th January 2024, sponsored by AICTE Training and Learning (ATAL) Academy.

4. Prof. Jabin Mathew participated in the Faculty Development Programme on "Cyber Security -Trends and Challenges", organized by St. Joseph's College of Engineering & Technology, Palai, from 15th January to 20th January 2024, sponsored by AICTE Training and Learning (ATAL) Academy.

5. Prof. Neena Joseph participated in the Faculty Development Programme on "Research Applications in Artificial Intelligence and Machine Learning", organized by St. Joseph's College of Engineering & Technology, Pala, from 8th January to 13th January 2024 sponsored by AICTE Training and Learning (ATAL) Academy.

6. Prof. Neena Joseph participated in the Faculty Development Programme on "Natural Language Processing", organized by Mahaguru Institute of Technology, Kollam on January 22nd, 23rd, 24th, 27th & February 3rd, 2024 sponsored by CSI.

7. Prof. Neethu Tom participated in the Faculty Development Programme on "Research Applications in

Artificial Intelligence and Machine Learning, organized by St. Josephs College of Engineering & Technology, Palai, from 8th January to 13th January 2024 sponsored by AICTE Training and Learning (ATAL) Academy.

8. Prof. Aswathy James participated in the Faculty Development Programme on "Recent Trends in Biomedical Applications using AI", organized by St. Peter's Institute of Higher Education and Research, Avadi, Chennai from 29th January to 2nd February 2024

9. Prof. Dheeraj N participated in the Faculty Development Programme on "Research Applications in Artificial Intelligence and Machine Learning, organized by St. Josephs College of Engineering & Technology, Palai, from 8th January to 13th January 2024 sponsored by AICTE Training and Learning (ATAL) Academy.

10. Prof. Lekshmi G participated in the Faculty Development Programme on "Research Applications in Artificial Intelligence and Machine Learning, organized by St. Josephs College of Engineering & Technology, Palai, from 8th January to 13th January 2024 sponsored by AICTE Training and Learning (ATAL) Academy.

Department of Civil Engineering

1. Mr. Jenson Jose, Assistant Professor, Department of Civil Engineering has participated in the International conference on Innovative practices in Sustainable Engineering and Technology (IC_IPSET'24) held during 29th to 31st July 2024 organized by the Department of Civil Engineering Mar Baselios Institute of Technology and Science, Kothamangalam in collaboration with SERB and KSCSTE and co-authored a paper titled "Energy dissipation using shear link in dual braced moment frames subjected to progressive collapse by seismic effect".

2. Mrs. Asha Alice Kulavattom, Assistant Professor, Department of Civil Engineering has participated in CSIR sponsored 6 days' workshop on "Emerging trends in sustainable and resilient infrastructure" organized by Toc H Institute of Science and Technology, Arakkunnam Ernakulam from January 22nd to January 27th 2024

3. Dr. Tilba Thomas, Assistant Professor, Department of Civil Engineering has participated in the workshop on "Emerging trends in sustainable and resilient infrastructure" organised by Toc H Institute of Science and Technology, Arakkunnam Ernakulam from January 22nd to January 27th 2024

4. Mr. Manish Jose, Assistant Professor, Department of Civil Engineering has attended a the Five Days Faculty Development Programme on "Structural Analysis - Basics, Methods and Applications (SA-BMA)" organized by the Department of Civil Engineering, Musliar College of Engineering and Technology, Pathanamthitta, in association with Indian Society for Technical Education (ISTE), Kerala Section from 16th - 20th January 2024.

Department of Computer Science and Engineering

1. Prof. Bino Thomas participated in 5-days FDP on "The Future Generative AI in Academic Research and

Publishing”, organized by Department of Computer Application and Science, Institute of Engineering and Management, Kolkata, technically sponsored by Computer Society of India(CSI), from 02nd to 06th January 2024.

2. Prof. Maria Yesudas participated in 5-days FDP on “The Future Generative AI in Academic Research and Publishing”, organized by Department of Computer Application and Science, Institute of Engineering and Management, Kolkata, technically sponsored by Computer Society of India(CSI), from 02nd to 06th January 2024.

3. Prof. Angitha George participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

4. Prof. Kishore Sebastian participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

5. Dr. Joby P P participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

6. Prof. Thushara Sukumar participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

7. Prof. Alphonsa Johny participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

8. Prof. Sinu Maria Kurian participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

9. Prof. Syamamol T participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

10. Prof. Subini Therese Babu participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai,

technically sponsored by AICTE, from 15th to 20th January 2024.

11. Prof. Vimal Babu P participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

12. Prof. Dyni Thomas participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

13. Prof. Sarju S participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

14. Prof. Dona Mary Cherian participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th to 20th January 2024.

15. Prof. Maria Yesudas participated in 5-days FDP on “Cyber Security – Trends and Challenges”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th January 2024 to 20th January 2024.

16. Prof. Sinu Maria Kurian participated in one-week National Level FDP on Outcome Based Education and Essential AI Tools for Teachers” organized by the Internal Quality Assurance Cell(IQAC) of St. Thomas College, Palai in association with The Kerala State Higher Education Council(KSHEC), from 10th January to 16th January 2024.

17. Prof. Mereen Thomas Vadakkal participated in 5-days FDP on “Recent Trends and Applications in Data Science”, organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai, technically sponsored by AICTE, from 15th January 2024 to 20th January 2024.

18. Prof. Maria Yesudas participated in 5-days FDP on “AI Evolution: From Foundations to Generative AI”, Microsoft, SAP & AICTE led under TechSaksham, from 22nd January 2024 to 29th January 2024.

19. Prof. Bino Thomas participated in 5-days FDP on “AI Evolution: From Foundations to Generative AI”, Microsoft, SAP & AICTE led under TechSaksham, from 22nd to 29th January 2024.

20. Prof. Jibin Philip participated in 3-days FDP on

“Research Foundations and Perspectives of Data Science and Deep Learning”, organized by Department of Computer Science and Engineering in association with Indian Society for Technical Education faculty chapter, from 12th to 14th February 2024.

21. Prof. Dyni Thomas completed a one day FDP on “Disaster Risk Reduction in the context of Resilience Building Among Youth”, organized by Alosius College, Elthuruth, Thrissur on 16th February 2024.

22. Prof. Bino Thomas participated in 5-days FDP on “Recent Trends in Artificial Intelligence and Machine Learning for Smart Computing”, organized by Sister Nivedita University, Kolkata, from 26th to 01st March 2024.

23. Prof. Dyni Thomas participated in 5-days FDP on “Recent Trends in Artificial Intelligence and Machine Learning for Smart Computing”, organized by Sister Nivedita University, Kolkata, from 26th to 01st March 2024.

24. Dr. Praseetha V M participated in One Week National level FDP on “Generative AI Models and Applications of Machine Learning”, organized by Department of Computer Science and Engineering at Shri Vishnu Engineering College for Women(A), from 21st May 2024 to 25th May.

25. Prof. Maria Yesudas participated in 5-days FDP on “Recent Trends in Artificial Intelligence and Machine Learning for Smart Computing”, organized by Sister Nivedita University, Kolkata, from 26th March 2024 to 01st March 2024.

26. Prof. Subini Theres Babu participated in 5-days online FDP on “Artificial Intelligence and Robotics”, organized by Department Artificial Intelligence and Machine Learning in association with Pencil Bitz at Mahaguru Institute of Technology, from 15th to 19th July 2024.

27. Prof. Maria Yesudas successfully completed course on “Java Concepts”, offered by Infosys Springboard on 22nd May 2024.

28. Prof. Bino Thomas successfully completed course on “Java Concepts”, offered by Infosys Springboard on 21st May 2024.

29. Prof. Maria Yesudas successfully completed course on “Database Fundamentals: Getting Started with SQL”, offered by Infosys Springboard on 29th May 2024.

30. Prof. Bino Thomas successfully completed course on “Linux for Beginners”, offered by Infosys Springboard on 22nd May 2024.

31. Prof. Bino Thomas successfully completed course on “CompTIA IT Fundamentals: Operating Systems”, offered by Infosys Springboard on 29th May 2024.

32. Prof. Sinu Maria Kurian successfully completed course on “AI Artificial Intelligence with Python” offered by Infosys Springboard on 31st May 2024.

33. Prof. Sinu Maria Kurian successfully completed course on “Introduction to Artificial Intelligence” offered by Infosys Springboard on 12th June 2024.

34. Prof. Dyni Thomas successfully completed course on “Internet of Things 101” offered by Infosys Springboard on 17th July 2024.

Department of Computer Science and Engineering (Cyber Security)

1. Prof. Akhija Lakshmi R attended ATAL Sponsored 6-day offline Faculty Development Programme (FDP) on “Unleashing the Potential of System-on-Chip and its Architecture” organized by St. Joseph’s College of Engineering & Technology, Palai, from 15th - 20th January 2024.

2. Prof. Akhija Lakshmi R attended 5-day online FDP on “Powering Innovations & Efficiency on Intelligent Systems” organized by the Department of Computer Science & Engineering, Mahaguru Institute of Technology, Kayamkulam, from 10th – 18th July 2024.

3. Prof. Akhija Lakshmi R attended 2-day online FDP on “Network Security Tools and Implementations” organized by the Department of Computer Science and Engineering (Cyber Security), Vimal Jyothi Engineering College, Kannur, from 15th - 16th July 2024.

4. Prof. Akhija Lakshmi R attended a 5-day online FDP on “Artificial Intelligence and Robotics” organized by the Department of Artificial Intelligence and Machine Learning, Mahaguru Institute of Technology, Kayamkulam, from 15th – 19th July 2024.

5. Prof. Akhija Lakshmi R attended a 5-day online FDP on “Algorithmic Thinking with Python” organized by the Department of Computer Science and Engineering, Bishop Jerome Institute, from 7th – 12th September 2024

6. Prof. Revathy A S attended 2-day online FDP on “Network Security Tools and Implementations” organized by the Department of Computer Science and Engineering (Cyber Security), Vimal Jyothi Engineering College, Kannur, from 15th - 16th July 2024.

7. Prof. Revathy A S attended a 5-day online FDP on “Artificial Intelligence and Robotics” organized by the Department of Artificial Intelligence and Machine Learning, Mahaguru Institute of Technology, Kayamkulam, from 15th – 19th July 2024.

8. Prof. Lekshmi M attended 2-day online FDP on “Network Security Tools and Implementations” organized by the Department of Computer Science and Engineering (Cyber Security), Vimal Jyothi Engineering College, Kannur, from 15th - 16th July 2024.

9. Prof. Lekshmi M attended a 5-day online FDP on “Artificial Intelligence and Robotics” organized by the Department of Artificial Intelligence and Machine Learning, Mahaguru Institute of Technology, Kayamkulam, from 15th – 19th July 2024.

10. Prof. Libina Rose Sebastian attended 2-day online FDP on "Network Security Tools and Implementations" organized by the Department of Computer Science and Engineering (Cyber Security), Vimal Jyothi Engineering College, Kannur, from 15th - 16th July 2024.

11. Prof. Devina Vinod attended a 6-day online FDP on "Cyber Security - Trends and Challenges" organized by the AICTE Training and Learning (ATAL) Academy, All India Council for Technical Education, from 15th - 20th January 2024.

12. Prof. Devina Vinod attended a 5-day online FDP on "Cyber Security and Forensics" organized by the Department of Computer Science & Engineering, Mangalam College of Engineering, Ettumanoor, from 22nd - 26th January 2024.

13. Prof. Devina Vinod attended a 9-day online FDP on "Powering Innovations & Efficiency on Intelligent Systems" organized by Mahaguru Institute of Technology, Kayamkulam, in association with the Department of CSE and CSI, from 10th - 18th August 2024.

14. Prof. Devina Vinod attended a 2-day online FDP on "Network Security Tools and Implementations" organized by Vimal Jyothi Engineering College, Kannur, from 15th - 16th August 2024.

15. Dr. Sruthy S attended 2-day online FDP on "Network Security Tools and Implementations" organized by the Department of Computer Science and Engineering (Cyber Security), Vimal Jyothi Engineering College, Kannur, from 15th - 16th July 2024.

16. Prof. Sabarinath G attended 5-day Faculty Development Programme (FDP) on "Applications of Machine Learning Techniques in Sustainable Technologies" organized by the Department of Computer Science & Engineering and Electrical & Electronics Engineering, National Institute of Technology Rourkela, from 24th to 28th January 2024.

17. Prof. Sabarinath G attended 5-day Faculty Development Programme (FDP) on "Unleashing Sustainable Developments and Future Trends in Electrical Engineering" organized by the Department of Electrical and Electronics Engineering, Mangalam College of Engineering, in collaboration with MCE & KTU, from 29th January to 2nd February 2024.

18. Prof. Sabarinath G attended 5-day Faculty Development Programme (FDP) on "Mathematical Advances in Electrical Engineering - Challenges and Exploration" organized by the Department of Electrical and Electronics Engineering, Mangalam College of Engineering, in collaboration with MCE & KTU, from 18th June to 22nd June 2024.

Department of Electrical and Electronics Engineering

1. Dr. Ginu Ann George attended a five day FDP on "Applications of Machine Learning Techniques in Sustainable Technologies (AMLST-2024)" organized by Computer Science and Engineering, and Electrical

Engineering, NIT Rourkela, from 24/01/2024 to 28/01/2024

2. Dr. Ginu Ann George attended a five day FDP on "Application of AI & ML on Renewable Energy and EV Technologies" (AAMREET-2024))" organized by NIT Rourkela, from 08/06/2024-12/06/2024

3. Dr. Tomson Thomas attended a five day FDP on "Application of AI & ML on Renewable Energy and EV Technologies" (AAMREET-2024))" organized by NIT Rourkela, from 08/06/2024-12/06/2024

4. Dr. Tomson Thomas attended one week FDP on "Control of Robotic Systems: Research Trends and Challenges" organized by Department of Electrical and Electronics Engineering, College of Engineering Perumon from 05/02/2024 to 10/02/2024.

5. Dr. Tomson Thomas attended five day FDP on "Unleashing the Sustainable Developments and Future Trends in Electrical Engineering" organized by Mangalam College of Engineering from 29/01/2024 to 02/02/2024

6. Ms. Shanooga Chandran attended a Faculty Development Program on "Applications of Machine Learning Techniques in Sustainable Technologies" organized by the Department of Computer Science and Engineering and Electrical Engineering, National Institute of Technology, Rourkela from January 24th to January 28th, 2024.

7. Ms. Shanooga Chandran attended a Faculty Development Program on "Unleashing the Sustainable Developments and Future Trends in Electrical Engineering" organized by the Department of Electrical and Electronics Engineering, Mangalam College of Engineering from January 29th to February 2nd, 2024.

8. Ms. Elizabeth Alphonsa Jose attended a five day FDP on "Applications of Machine Learning Techniques in Sustainable Technologies (AMLST-2024)" organized by Computer Science and Engineering, and Electrical Engineering, NIT Rourkela, from 24/01/2024 to 28/01/2024

9. Ms. Elizabeth Alphonsa Jose attended one Week National level Online Faculty Development Program on 'Outcome Based Education and Essential AI Tools for Teachers' organised by the Internal Quality Assurance Cell (IQAC) of St. Thomas College, Palai in association with The Kerala State Higher Education Council (KSHEC) from 10/01/2024 to 16/01/2024

10. Ms. Elizabeth Alphonsa Jose attended five day FDP on "Unleashing the Sustainable Developments and Future Trends in Electrical Engineering" organized by Mangalam College of Engineering from 29/01/2024 to 02/02/2024

11. Ms. Divya James completed twelve weeks NPTEL online certification program on "Non-conventional Energy Resources" was organized by IIT, Madras funded by the MoE, Govt. of India from January to April 2024.

12. Ms. Divya James attended one Week National level Online Faculty Development Program on 'Outcome Based Education and Essential AI Tools for Teachers' organised by the Internal Quality Assurance Cell (IQAC) of St. Thomas College, Palai in association with The Kerala State Higher Education Council (KSHEC) from 10/01/2024 to 16/01/2024

13. Ms. Divya James attended a five day FDP on "Applications of Machine Learning Techniques in Sustainable Technologies (AMLST-2024)" organized by Computer Science and Engineering, and Electrical Engineering, NIT Rourkela, from 24/01/2024 to 28/01/2024

14. Ms. Divya James attended a five day FDP on "Recent Trends In Biomedical Applications Using AI" organized by Department of Biomedical Engineering, in association with Centre for Faculty Development, St. Peters Institute of Higher Education and Research, Avadi, Chennai, from 29-01-2024 to 02-02-2024

15. Mr. Anoopraj M.R. attended one week FDP on "Application of AI & ML on Renewable Energy and EV Technologies" (AAMREET-2024) organized by Dept. of EE, NIT ROURKELA from 08.06.2024 to 12.06.2024.

16. Mr. Anoopraj M.R. attended one week FDP on "Opportunities of Power Electronics in Smart Grid, Renewable Energy Resources and Electric Vehicles" organized by the Department of Electrical and Electronics Engineering of SCMS Kochi from 26/02/2024 to 01/03/2024.

17. Mr. Anoopraj M.R. attended one week FDP on "Control of Robotic Systems: Research Trends and Challenges" organized by Department of Electrical and Electronics Engineering, College of Engineering Perumon from 05/02/2024 to 10/02/2024.

18. Mr. Anoopraj M.R. attended one week FDP on "Unleashing the Sustainable Developments and Future Trends in Electrical Engineering" organized by Department of Electrical and Electronics Engineering, Mangalam College of Engineering, Ettumanoor from 29th January to 2nd February 2024.

19. Mr. Anoopraj M.R. attended one week FDP on "Applications of Machine Learning Techniques in Sustainable Technologies (AMLST-2024)" organized by the Department of Computer Science and Engineering, and Electrical Engineering, NIT Rourkela from 24th January 2024 to 28th January 2024

20. Dr. Shancy Augustian attended one week FDP on "Application of AI & ML on Renewable Energy and EV Technologies" (AAMREET-2024) organized by Dept. of EE, NIT ROURKELA from 08.06.2024 to 12.06.2024.

21. Mr. Don Cyril Thomas attended one week FDP on "Application of AI & ML on Renewable Energy and EV Technologies" (AAMREET-2024) organized by Dept. of EE, NIT ROURKELA from 08.06.2024 to 12.06.2024.

22. Mr. Don Cyril Thomas attended one week FDP on "Control of Robotic Systems: Research Trends and Challenges" organized by Department of Electrical and Electronics Engineering, College of Engineering Perumon from 05/02/2024 to 10/02/2024.

23. Mr. Don Cyril Thomas attended one week FDP on "Unleashing the Sustainable Developments and Future Trends in Electrical Engineering" organized by Department of Electrical and Electronics Engineering, Mangalam College of Engineering, Ettumanoor from 29th January to 2nd February 2024.

24. Mr. Don Cyril Thomas attended one week FDP on "Applications of Machine Learning Techniques in Sustainable Technologies (AMLST-2024)" organized by the Department of Computer Science and Engineering, and Electrical Engineering, NIT Rourkela from 24th January 2024 to 28th January 2024

Department of Electronics and Computer Engineering

1. Dr Giby Jose has attended an ATAL Sponsored 6-days offline FDP on "Unleashing the Potential of System-on-Chip and its Architecture" organized by St. Joseph's College of Engineering & Technology, Palai from 15th -20th January 2024.

2. Dr Giby Jose has attended an FDP on Outcome Based Education and Essential AI Tools for Teachers 10/01/2024 to 16/01/2024 IQAC of St. Thomas College, Palai in association with The Kerala State Higher Education Council.

3. Mr. Al-Saheer S.S. attended an ATAL Sponsored 6-days offline FDP on "Unleashing the Potential of System-on-Chip and its Architecture" organized by St. Joseph's College of Engineering & Technology, Palai from 15th -20th January 2024.

4. Mr. Jiss Mohan K has attended an ATAL Sponsored 6-days offline FDP on "Unleashing the Potential of System-on-Chip and its Architecture" organized by St. Joseph's College of Engineering & Technology, Palai from 15th -20th January 2024.

5. Ms. Shilpa Lizbeth George has attended an ATAL Sponsored 6-days offline FDP on "Unleashing the Potential of System-on-Chip and its Architecture" organized by St. Joseph's College of Engineering & Technology, Palai from 15th -20th January 2024.

6. Ms. Shilpa Lizbeth George has attended an FDP on Research Applications in Artificial Intelligence and Machine Learning from 08/01/2024 – 13/01/2024 conducted by SJCT Palai.

7. Ms Ashitha Jose has attended an FDP on Research Applications in Artificial Intelligence and Machine Learning from 08/01/2024 – 13/01/2024 conducted by SJCT Palai.

8. Ms Ashitha Jose has attended an FDP on Recent Trends

in Biomedical Applications using AI from 29/01/2024 – 02/02/2024 conducted by St Peters Institute of Higher Education and Research, Chennai.

9. Ms Ancy Mathew has attended an FDP on Recent Trends in Biomedical Applications Using AI from 29/01/24 to 02/02/24 organised by St. Peters Institute of Higher Education and Research, Avadi, Chennai

10. Ms Tinu Thomas has attended an FDP on Cyber Security and Forensics from 22 Jan 2024-26 Jan 2024 conducted by Mangalam College of Engineering, Ettumanoor

11. Mr. Al-Saheer S.S. has participated in the one-week short term course on "Recent Trends in Business Communication" held during 26th June 2024 -30th June 2024 organized by Dr. B.R Ambedkar National Institute of Technology, Jalandhar, Punjab.

12. Mr. Jiss Mohan K. has participated in the one-week short term course on "Recent Trends in Business Communication" held during 26th June 2024 -30th June 2024 organized by Dr. B.R Ambedkar National Institute of Technology, Jalandhar, Punjab.

13. Ms. Soya Tressa Jose has attended an FDP on Digital Manufacturing from 15/06/2024 to 19/06/2024 organised by Department of mechanical Engineering, MIT Kattachira.

14. Ms. Shilpa Lizbeth George has attended an FDP on Digital Manufacturing from 15/06/2024 to 19/06/2024 organised by Department of mechanical Engineering, MIT Kattachira.

15. Ms Ancy Mathew has attended an FDP on Digital Manufacturing from 15/06/2024 to 19/06/2024 organised by Department of mechanical Engineering, MIT Kattachira.

16. Ms. Shilpa Siva has attended an ATAL Sponsored 6-days offline FDP on "Unleashing the Potential of System-on-Chip and its Architecture" organized by St. Joseph's College of Engineering & Technology, Palai from 15th -20th January 2024.

Master of Business Administration

1. Dr. Suma Mathew attended an FDP organized by NPTEL on AI in Marketing during April 2024

2. Dr. Soumya Varghese completed Value Added Course entitled "Digital Transformation from Industry 4.0 to Industry 5.0" organized by Vellore Institute of Technology, (VIT) Vellore, India from 10 -14 June 2024.

3. Dr. Soumya Varghese, completed One Week National Level Online Faculty Development Program on "Outcome Based Education and Application of Generative AI in Teaching and Research" organised by Government College Kottayam, in association with The Kerala State Higher Education Council (KSHEC) Kottayam, from 06-13 March, 2024.

4. Ms. Meera Kuncheria attended an FDP on practical aspects of ICT tools & online teaching in current scenario organized by Research Foundation of India & RFI-CARE from 29th May to 04th June 2024.

Master of Computer Applications

1. Dr. Rahul Shajan, an Associate Professor in the Department of Computer Applications, completed the Faculty Development Program on "Cyber Security: Trends and Challenges" from January 15, 2024, to January 20, 2024.

2. Mr. Anish Augustine K, an Assistant Professor in the Department of Computer Applications, also participated in the "Cyber Security: Trends and Challenges" program from January 15, 2024, to January 20, 2024.

3. Mr. Alex Jose, an Assistant Professor in the Department of Computer Applications, took part in the "Research Application in AI" program from January 8, 2024, to January 13, 2024.

4. Mr. Sumithmon K.S, an Assistant Professor in the Department of Computer Applications, attended the "Research Application in AI" program from January 8, 2024, to January 13, 2024.

5. Mr. Akhil Sekharan, an Assistant Professor in the Department of Computer Applications, completed the "Cyber Security: Trends and Challenges" Faculty Development Program from January 15, 2024, to January 20, 2024.

6. Mr. Sumithmon K.S, an Assistant Professor in the Department of Computer Applications, completed the "Cyber Security: Trends and Challenges" Faculty Development Program from January 15, 2024, to January 20, 2024.

7. Fr. Jeethu Mathew, an Assistant Professor in the Department of Computer Applications, participated in the "NAAC Accreditation Framework" program from January 15, 2024, to January 20, 2024.

8. Ms. Liz George, an Assistant Professor in the Department of Computer Applications, attended the "Cyber Security: Trends and Challenges" program from January 15, 2024, to January 20, 2024.



NEWS FROM DEPARTMENTS

Department of Artificial Intelligence and Data Science

1. Conducted a talk by Dr. Divya S Vidyadharan, Research Engineer, Augsense Lab Pvt Ltd on the topic "Current

Challenges and Emerging Trends in AI" associated with "AIVOLUTION".

2. Conducted a talk by Mr. Jaison Jose Olickal, Vice President of Codea Technologies Inc and Mr. Supimon Pavithranal, Founder of 27 Technologies Pvt Ltd, on the topic "Generative AI and Introduction to Prompt Engineering" associated with "AIVOLUTION".

Department of Computer Science and Engineering

1. Prof. Sarju S and Prof. Mureen Thomas Coordinated AICTE ATAL 6-Day FDP on "Research Applications in Artificial Intelligence and Machine Learning conducted from 08th – 13th January 2024.

2. Dr. Praseetha V M and Prof. Bino Thomas, Coordinated AICTE ATAL 6-Day FDP on "Cyber Security – Trends and Challenges conducted from 16th – 20th January 2024.

3. Computer Society of India student chapter organized a workshop on "Figma Fusion" held on 9th February 2024. Resource Person: Mathews P Mathew (4th year CSE)

4. Computer Society of India student chapter organized a workshop on "Cyber Security" held on 10th February 2024. Resource Person: Mr. R Ashwin, Cyber Security Lead, GtechMulearn

5. Computer Society of India student chapter organized a workshop on "Blender" held on 4th March 2024. Resource Person: Majeesh Mathew, Faculty at Arena Animation, Kottayam

6. Computer Society of India student chapter in association with CSEA organized an invited talk on "The Road Ahead" held on 25th March 2024, Resource Person: Mr. Mridul George, Product Manager, Tortil Inc., Kochi.



7. Project Expo'24 was organized by the Department of Computer Science and Engineering in Association with CSEA to showcase innovative projects undertaken by students, May 2024.

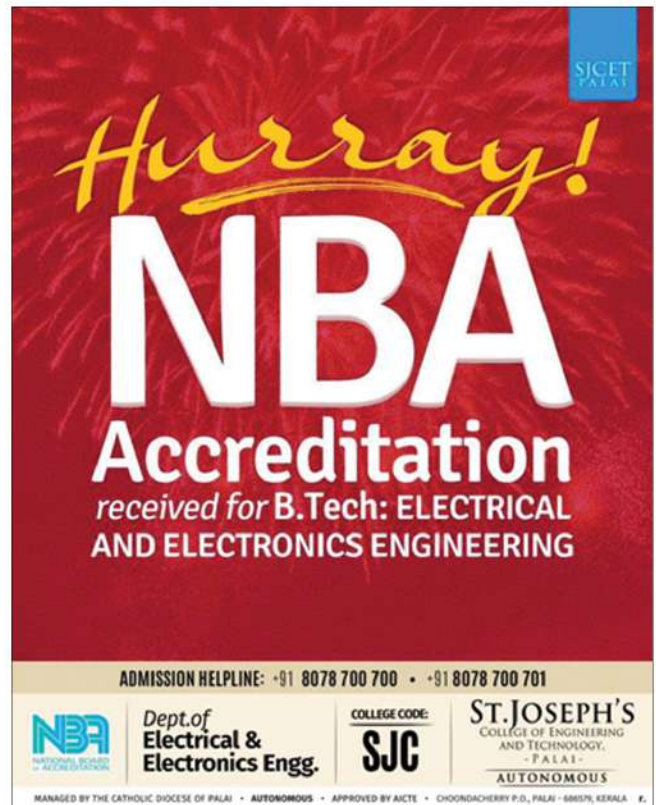


Department of Computer Science and Engineering (Cyber Security)

On September 13, 2024, the Cyber Security students participated in an Onam Pookkalam competition and proudly secured first prize for their creative and vibrant display, showcasing their teamwork and artistic talents.

Department of Electrical and Electronics Engineering

1. Electrical & Electronics Engineering Department is Accredited by the National Board of Accreditation for a period of three years.



2. S8 EEE students (20202-24 Batch) visited Mar Sleeva Medicity, Cherpunkal on 30/04/2024 for an detailed study on electrical installations & systems used in high rise buildings.



3. EEE department of SJCTET in association with Electrical Engineering Association & Continuing Education and Skill Development Cell organised a Talk by Prof. P.V. Varkey,

4. EEE department of SJ CET in association with Electrical Engineering Association & Continuing Education and Skill Development Cell organised a Talk by Mr. Ananthu A.S. Business Head, CADD Centre, Palai on the topic "Significance of Computer Aided Drawing in Electrical Engineering" on 02/02/2024 for S8EEE students.

5. EEE department of SJ CET in association with Electrical Engineering Association & Continuing Education and Skill Development Cell organised a Talk by Prof. P.V. Varkey, Former Chief Electrical Inspector, Govt. of Kerala on the topic "Electrical Power System Protection" on 06/02/2024 for S6EEE students.

6. EEE department of SJ CET in association with Electrical Engineering Association & Continuing Education and Skill Development Cell organised a Talk by Prof. P.V. Varkey, Former Chief Electrical Inspector, Govt. of Kerala on the topic "Solar PV System: Design and Implementation" on 14/02/2024 for S6EEE students.

7. 34 students of S8EEE (2020-24 Batch) successfully completed Add on Course on 'Essential in AutoCAD for Institutions' held at SJ CET, Palai conducted by CADD Centre training Services Pala during the period 16th to 25th February 2024.

8. EEE department of SJ CET in association with Electrical Engineering Association & Continuing Education and Skill Development Cell organised a Talk by a MTTC International LLC on the topic "Role and Opportunities of MEP" on 15/03/2024 for S8EEE students.

9. EEE department of SJ CET in association with Electrical Engineering Association & Continuing Education and Skill Development Cell organised a Talk by Mr. Don S. Kurian, CADD Centre, Palai on the topic "The Benefits of Learning AutoCAD" on 26/03/2024 for S6EEE students.

10. EEE department of SJ CET organised a Talk by Prof. Sabarinath G. Dept. of CY, SJ CET on the topic "Ampere's Circuital Law" on 1/04/2024 for S4EEE students.

Department of Electronics and Communication Engineering

1. The ECE department organised the ATAL Academy Faculty development program on "Unleashing the Potential of Soc and Its Architecture" from 15th January 2024 to 20th January 2024. It was inaugurated by Dr. Tripti S. Warriar, Professor at Cochin University of Science and Technology, Kochi. This FDP promised a deep dive into the transformative world of System-on-Chip (SoC) and its architectures.



Dept. of Electronics & Communication Engineering

ACITE

ATAL

ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY - PALAI

AICTE SPONSORED SIX DAYS OFFLINE ATAL FDP on

UNLEASHING THE POTENTIAL OF SYSTEM ON-CHIP AND ITS ARCHITECTURE

15.01.24 - 20.01.24

DR. BIDHAN PRAMANICK
IIT, Goa

DR. SUBRAHMANYAM MULA
IIT, Palakkad

DR. M. SABARIMALAI MANIKANDAN
IIT, Palakkad

SHRI. SREEJESH S G
NIELIT, Calicut

SHRI. NANDAKUMAR R
NIELIT, Calicut

DR. JAYAKUMAR E. P.
NIT, Calicut

DR. BINDIYA T. S.
NIT, Calicut

DR. D. GEORGE
Cardinal Speciality Hospital
Kottayam

MR. MITHUN C A
SanDisk, Bengaluru

MS. JENU ABRAHAM
Synopsis Inc.

Organized by Dept. of Electronics & Communication Engineering

2. Campus workshop on the "Basics of Electronics System Design" led by Mr. Shalu Thomas, an industry expert and the Founder and CEO of Digital Core Technologies, Kochi, Kerala. This session was tailored for the B.Tech students of 2021-25 batch ECE department, providing fundamental knowledge and practical insights into the world of electronics system design.



3. Ms. Jeslet Joy, a distinguished alumna of the 2020-24 ECE batch, currently placed at Digital Core Technologies (DCT) in Kochi, Kerala, shared her valuable inputs on June 14, 2024, on how to effectively prepare for the recruitment process at DCT with the seventh semester ECE students of the 2021-25 batch.

4. Mr. Saheer Muhammed C P, a former HVAC Engineer at MAG Group in Dubai, shared his expertise with seventh-semester ECE students on June 14, 2024. He motivated the students with his industry experience, helping them to understand the practical applications of their engineering studies.

5. Our proud Alumnus Mr. Muhammed Saheer V K

(2006-10 batch ECE), Senior Cybersecurity analyst at Quartar Airways shares his experience and expertise with the students of S7 ECE (2021-25 batch) on 14/06/2024.

6. PLACEMENTS: 72 students of 2020-2024 batch have successfully secured placements in various reputed companies.

Department of Electronics and Computer Engineering

1. Drone Workshop:- On March 5th 2024, the buzzing excitement fill the air at Altronica's SFB 107 as the highly anticipated DRONE WORKSHOP commences. Organized primarily by the industrious students of S4 ECS, in collaboration with the vibrant talents of S2 ECS under the guidance of Ms. Soya Treesa Jose. The student coordinators were Ron Thomas, Solomon Mathew, and Alan Jibin. This workshop promises to be a celebration of innovation and technology, dedicated to exploring the fascinating world of aerial robotics.



2. LLM Workshop: - The Workshop on LLM, held on March 4, 2024, at MCA Lab was a well-organized technical event as part of ASTHRA 8.0, coordinated by students Celiya Thomas and Elise Maria Lalson under the guidance of Ms. Ancy Mathew. With 31 participants, including one external attendee, the workshop effectively combined theoretical foundations and practical applications of Large Language Models (LLMs). The first session covered core principles, while the second provided hands-on experience, enhancing participant engagement. Overall, it successfully

3. Scarabetta 709:- Scarabetta 709 held on March 5 2024, during ASTHRA 8.0, was a well-executed treasure hunt organized by S6 ECS students under the guidance of Ms. Tinu Thomas. Participants navigated eight challenging stages, solving cryptic puzzles and engaging in scavenger hunts that tested their problem-solving and teamwork abilities. Despite minor technical issues, the event ran smoothly with quick responses from the technical team. Both students and teachers praised the event for its creativity and organization, with Nibu B John from Mar Baselios Christian College winning the top prize.

4. The Idea Showdown:- The Idea Showdown, held on March 4, 2024, as a part of ASTHRA 8.0, at SFB 107, showcased innovative technological ideas from students. Coordinated by Neha Elizabeth Philip and Jeena Susan Kurian, the event featured 17 participants divided into five teams. Each team had 10 minutes to present their concepts, followed by a Q&A session with judges, including faculty members from ECS and CS(CY). The competition was intense, culminating in Amrutha P. Chandran's team winning the first prize of ₹2000, while Airene Ann Mathew's team secured the second prize of ₹1000. Overall, the event successfully highlighted creativity and innovation in technology.



5. Pop And Win :- Pop And Win, a thrilling game event hosted by the students of S2 ECS (2023-2027 batch) took place on March 4 and 5, 2024, during ASTHRA 8.0 under the Altronica banner. Conducted in SFB 102, the event was coordinated by Afshan Zakir and Shabin Shadek with guidance from Dr. Giby Jose as Faculty in Charge. Participants engaged in a fun-filled challenge, aiming darts at balloons on a board with three attempts to pop them. The lively atmosphere was enhanced by enthusiastic spectators

6. LaTeX Workshop:- On April 5 2024, Dr. Tomson Devis (ECE Department) led a workshop on LaTeX, equipping students with skills in document preparation system, commonly used for technical and scientific writing.

Department of Mechanical Engineering

1. A Team of students (2020 - 24 Batch) consisting Albert Saju, Benison Benny, Jobin Johnson and Ranil Joseph won 2nd place in the Ideathon Competition at Swastika Tech Fest 2024, conducted on 5th April 2024 at ar Baselios Christian College of Engineering and Technology, Kuttikkanam.

2. Mr. Ranil Joseph, Mr. Albert Saju, Mr. Benison Benny Melettu and Mr. Jobin Johnson of B. Tech 2020 - 2024 batch under the Guidance of Dr. Rajesh Baby (Dean - Research) received Financial Assistance to Student Projects under CERD student project scheme for the project - Design and Development of an Assistive Device for Tremor Patients from APJ Abdul Kalam Technological University, Kerala.

Master of Business Administration

Organized a knowledge exchange Program in collaboration with Kristu Jayanti college Bangalore for the Fourth Semester MBA Students (2022-24 batch)



Training Program

1. Second semester MBA students (2023-25) attended a Value-added course "Tech in Finance" by Dr. R. Narayanaswamy on 1-03-2024



2. A value added programme in finance was organised for fourth semester MBA students in association with Hedge Equities on 3/04/2024

3. Fourth semester MBA students MBA (2022-24 batch) attended Value Added Course on Advanced Excel in March 2024.

4. PERSONAL GROOMING Session organized for S2 MBA 2023-2025 batch by Mr. Varghese Johnson, HOD St. Joseph's Institute Of Hotel Management, Palai was conducted on 16th January, 2024

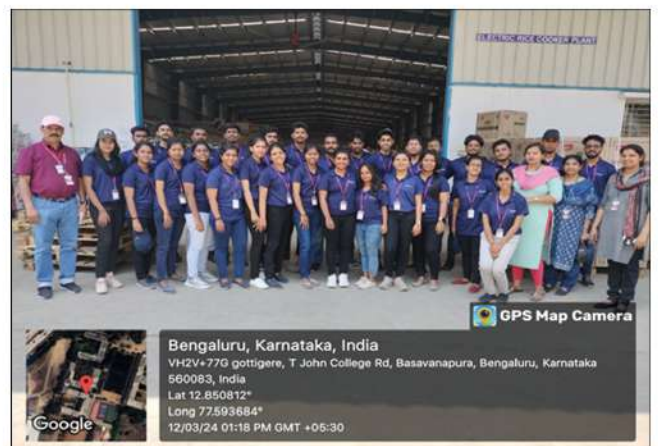


Industrial visits

1. Second year MBA students (2022-24 batch) visited Sea Blue Shipyard Ltd, Cochin as part of Industrial visit



2. Industrial Visit to Stove kraft, Bangalore by S4 MBA students (2022-24 batch) on 12/03/2024



3. S2 MBA students (2023-25) visited CIAL solar power plant, Cochin on 26th March 2024 as part of Industrial visit

4. Fourth semester MBA students(2022-24) visited to IKEA Nagasandra Bengaluru on 11/03/2024



Alumni Interactions

Following Alumni shared their experiences with our MBA Students:

- Ms. Shilpa Raju (MBA 2017-2019 BATCH) on 18th March, 2024
- Ms. Aparna Prakash (MBA 2018-2020 BATCH) on 22nd March, 2024
- Ms. Roshini Sara Thomas (MBA 2018-2020 BATCH) on 23rd March, 2024
- Ms. Ann Jose (MBA 2008-2010 BATCH) on 3rd April, 2024
- Ms. Teresa Joy (MBA 2009-2011 BATCH) on 8th April, 2024



Master of Computer Applications

1. Celebrating Excellence: MCA Department Earns NBA Accreditation

We are pleased to announce that the MCA department at St. Joseph's College has achieved accreditation from the National Board of Accreditation (NBA). This esteemed recognition underscores our dedication to delivering high-quality education and upholding rigorous academic standards. The NBA accreditation signifies that our MCA program adheres to the highest benchmarks in education, curriculum, infrastructure, and faculty.

It validates our commitment to aligning with industry standards and ensures that our students receive an education that is both relevant and rigorous.

The NBA accreditation confirms that our MCA program is aligned with the best practices in the field, offering a curriculum that is both current and comprehensive. It also elevates the value of our degree, enhancing the competitiveness of our graduates in the job market. Furthermore, this recognition drives us to continuously innovate and improve, ensuring that our students are equipped with the skills and knowledge needed to thrive in the evolving tech landscape.

We take great pride in this accomplishment and extend our heartfelt gratitude to our dedicated faculty, staff, and students. This accreditation reflects the collective effort and excellence of the MCA department and marks a significant milestone for the entire SJCT community, highlighting our commitment to excellence and continuous improvement.

2. Launches 5-Year Integrated MCA Program

We are excited to share a major advancement at St. Joseph's College of Engineering and Technology (SJCT) that reflects our dedication to delivering state-of-the-art education and preparing our graduates for successful careers. Beginning this academic year, SJCT is pleased to launch a pioneering 5-year Integrated Master of Computer Applications (MCA) program.

This forward-thinking program seamlessly integrates both undergraduate and master's level coursework into a unified five-year curriculum. It is thoughtfully designed to offer students a comprehensive education in computer applications, covering everything from foundational principles to advanced methodologies, all within a streamlined academic pathway.

3. Free MCA Entrance Coaching

Department held a Free MCA Entrance Coaching from June 18 to June 20, 2024, this event aimed to empower MCA aspirants to approach their entrance exam with confidence. The sessions were conducted by faculty members of the Department of Computer Applications, and 36 attendees benefited from this initiative.

4. Java React: Tech Insight Symposium

Department offered a 7- days training program for our students focused on understanding the fundamentals of Java and React. Event took place from April 1 to April 7, 2024, Mr. Arshad Dilaver, Software Developer Trainee from KTS Infotech Pvt Ltd, was the key resource person for the event, which saw a turnout of 57 participants.

5. Professional Grooming Session

Department organized a session on placement strategies for our students. Dr. Pious Thomas, the Head of the MBA department at SJCT, conducted the session. It was held on 2nd February 2024 which was attended by 57 participants.

6. Alumni Stories, Industry Insight Unveiled

Department organized an Alumni talk to our students on February 5, 2024, this event provided a platform for industry insights and alumni stories. Mr. Arjun Paul from

Valoriz Digital was the speaker, and the event saw participation from 56 attendees.

7. Career Readiness

The session was held on February 7, 2024, in the MCA Seminar Hall, this event highlighted the importance of academic projects in securing placements. Mr. Visakh T S, an MCA alumnus from the 2019-22 batch and a Software Engineer at Valorem Replay, shared insights with the 51 attendees.

ACADEMIC ACHIEVEMENTS (STAFF MEMBERS)

Department of Computer Science and Engineering

1. Prof. Jacob Thomas successfully completed the NPTEL online certification course on "AI in Marketing" with a elite badge offered by Indian Institute of Technology, Roorkee during Jan-Apr 2024.
2. Prof. Jabin Mathew successfully completed the NPTEL online certification course on "Data Science for Engineers" with a elite badge offered by Indian Institute of Technology, Madras during Jan-March 2024
3. Prof. Neena Joseph successfully completed the NPTEL online certification course on "Data Mining" with a silver badge offered by Indian Institute of Technology, Kharagpur during Jan-March 2024.

Department of Civil Engineering

Rev. Dr. Bennet Kuriakose, Associate Professor, Department of Civil Engineering delivered a Keynote Address on 29th September as part of the combined Engineers' Day and Onam Celebrations of Engineers' Forum Pala.



Department of Computer Science and Engineering

- 1) Prof. Sarju was appreciated for serving as Domain Expert for Voice Stakeholder connect in Young Innovators Programme 6.0, July 2024.
- 2) Prof. Jibin Philip, NPTEL SPOC, received the "NPTEL Aspirant Award" on behalf of the institution by IIT Madras, from January to April 2024.



- 3) Prof. Divya Sunny was received Financial Assistance to Student Projects under CERD Student Project Scheme for Project: Techshow: Integrated Crop and Soil Health Monitoring System from APJKTU, June 2024.



Department of Computer Science and Engineering (Cyber Security)

a. Faculty Awards / Recognition:

1. Prof. Sabarinath G has been selected as the Secretary of IEEE India Council 2024 in recognition of his commitment to advancing the goals and initiatives of IEEE in the region.
2. Dr. Sruthy S has served as a Reviewer for the International Conference on Research Advances in Engineering and Technology (ITechCET 2024) organized by Musaliar College of Engineering and Technology, Pathanamthitta during 24th and 25th May 2024.

3. Dr. Sruthy S has served as a Reviewer for 2nd IEEE International Conference on Data Science and Network Security (ICDSNS-2024) organized by Kalpataru Institute of Technology, Tiptur 26th -27th July 2024.

b. Faculty Interactions Outside:

1. Prof. Sabarinath G delivered a Technical Talk on Artificial Intelligence and Cyber Security for aspiring Civil Service Aspirants at Pala Civil Services Institute.
2. Prof. Sabarinath G delivered a technical talk on "Navigating the Modern Information Superhighway" for Deacons and Brothers at Paurastya Vidyapeedom, Vadavathoor.
3. Prof. Sabarinath G delivered a Technical Talk on the "Effective Usage of Modern Computing Tools" at Pastoral Training Institute, Ramanathapuram on 27th April 2024.
4. Prof. Sabarinath G delivered a Technical Demonstration on the "Effective Use of AI Tools for Easy Learning" at St. Mary's Pastoral Institute, Kurichi .
5. Prof. Sabarinath G served as Keynote Speaker and Session Chair at the 2024 IEEE International Conference on Social and Sustainable Innovations in Technology and Engineering, held in Andhra Pradesh, India, in February 2024.
6. Prof. Sabarinath G was the Keynote Speaker at the IEEE EdSoc Young Professionals Meet held in Visakhapatnam, India.

Department of Electrical and Electronics Engineering

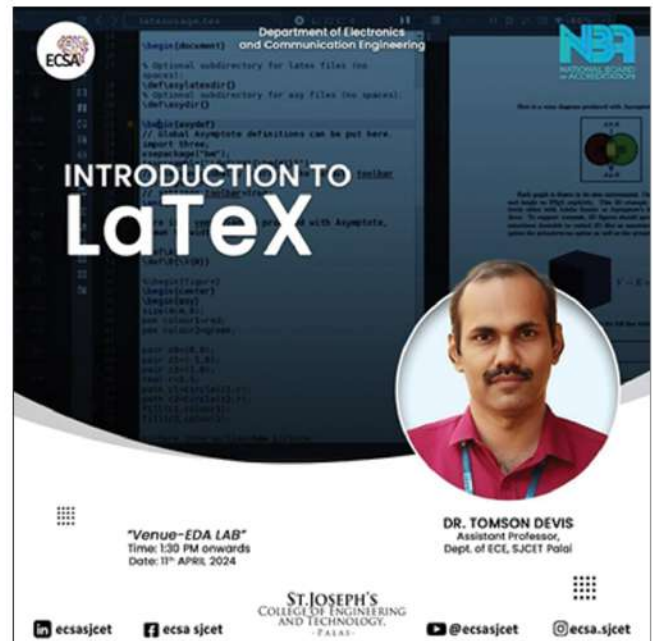
1. Dr. Ginu Ann George attended as Technical session chair of IEEE International Conference on Smart Technologies for Power and Renewable Energy during April 2-4 , 2024
2. Dr. Tomson Thomas was appointed as the Care Taker Officer of NCC Sub-unit, SJCTET Palai (17K Bn NCC Pala)

Department of Electronics & Communication Engineering

1. Sunitha S Pillai, Assistant Professor ECE presented the paper titled "Rainwater Monitoring System" in the International Conference on Signal Processing, Instrumentation & Communication Engineering (SPICE 2K24) organized by Department of Electronics & Communication Engineering, MBITS in association with Bureau of Indian Standards (BIS) on 9th & 10th February 2024 and selected as the best paper.
2. Dr. Anuja George, Assistant Professor, Dept of ECE, has successfully defended her Ph.D thesis held at NIT Calicut and was awarded doctoral degree on 17th April 2024.



3. Electronics and Communication Students Association (ECSA), SJCTET organised a session for ECE S6 students on the topic "Introduction To LaTeX" and the session was handled by Dr. Tomson Devis, Assistant Professor, Dept. of ECE, SJCTET.



Department of Electronics and Computer Engineering

1. Dr. Giby Jose has attained NPTEL certification for "ICT Fundamentals" course by ignou, New Delhi.
2. Ms. Shilpa Lizbeth George has attained NPTEL certification for "ICT Fundamentals" course by ignou, New Delhi.

Department of Mechanical Engineering

Dr.Abyson Scaria has successfully completed doctoral degree on the topic 'Mathematical modelling and solution approaches for integrated production and outbound distribution in relief supply chains' from APJ Abdul Kalam Technological University, Kerala.

Master of Business Administration

1. Ms Rosin C. Jacob, Assistant Professor in the MBA Department, has been awarded Ph.D. in Management by Mahatma Gandhi University, Kottayam, for her thesis titled User Acceptance and Use of Fintech Services: A Study on users of Unified Payment Interface Apps in Kerala on 24th May 2024.



2. Dr. Joseph Purayidathil has won "Most impactful paper Award 2024" by FIIB /Sage for the article "Factors affecting the Adoption of Social media in Marketing of Higher education: An empirical Analysis.



3. Dr. Suma Mathew was awarded NPTEL Discipline Star on April 2024



STUDENT ACHIEVEMENTS

Department of Artificial Intelligence and Data Science

1. Mr. Joel T Varghese, S4 AD, secured second position in "Pinding Vendetta", Conducted as a part of Asthra.8 conducted by SJCET, Palai, on 4th and 5th March 2024.
2. Ms Namitha Anna Koshy, S4 AD, secured second place in Group song conducted as a part of Sargam, The Annual Arts Fest of SJCET, Palai.
3. Ms Namitha Anna Koshy, S4 AD, secured third place in Solo Music(English) conducted as a part of Sargam, The Annual Arts Fest of SJCET, Palai.
4. Ms. Ann Mary Varghese, S6 AD, secured second place in the Basketball Tournament conducted as a part of The Annual Athletic Meet of SJCET, Palai.
5. Ms. Ann Mary Varghese, S6 AD, secured second place in the Throwball conducted as a part of The Annual Athletic Meet of SJCET, Palai.
6. Ms. Ann maria Mathew Shibu, S6 AD, secured second place in Throwball conducted as a part of The Annual Athletic Meet of SJCET, Palai.
7. Ms. Ann Maria Mathew Shibu, S6 AD, secured second place in the Basketball Tournament conducted as a part of The Annual Athletic Meet of SJCET, Palai.
8. Ms. Ann maria Mathew Shibu, S6 AD, secured second place in Synchronous Dance(Girls) conducted as a part of Sargam, The Annual Arts Fest of SJCET, Palai.
9. Mr. Alphin Tom, S6 AD, secured first place in the Volleyball Tournament conducted as a part of The Annual Athletic Meet of SJCET, Palai.
10. Mr. Joe Boban, S6 AD, secured first place in Football Tournament conducted as a part of The Annual Athletic Meet of SJCET, Palai.
11. Ms. Anjala Sebastioan, S6 AD, secured second place in Mono Act conducted as a part of Sargam, The Annual Arts Fest of SJCET, Palai.
12. Ms. Neha Sara Biju, S6 AD, secured second place in Synchronous Dance(Girls) conducted as a part of Sargam, The Annual Arts Fest of SJCET, Palai.

Department of Computer Science and Engineering

1. Mr. Sidharth Dev Lal, Mr. Edwin Joseph, Mr. Blesson K

Tomy, 2nd year CSE won First prize with a prize money of 40k in the Hackathon "HACKENGERS" organized by Livewire in association with NASSCOM and future prime Skills, on 4th March 2024.



2. Ms. Dona Saji, 4 th year CSE won First Prize in "Capture the flag" conducted by the Department of CSE of Mar Baselios Christian College of Engineering and Technology, on 5th April 2024.

3. Mr. Albin Sony , Mr. Amal A, Mr. Alen P Aji, Mr. Seion Shoji Antony, 3 rd year CSE won Second Prize in the Hackathon organized by APJAKTU Techfest 2024 at Ilahia College of Engineering and Technology (ICET) and NOCODB, April 2024.



4. Mr. Vimal Suresh and Mr. Anitta Siby, 4 th year CSE qualified Gate Examination 2024.

5. Ms. Amiya Hidayathulla, Ms. Melby Mariam Chandy , Mr. Akshay C A, Mr. Kenneth Joseph, 3 rd year CSE won First Prize with a Prize money worth 40K in the 24hr Hackathon "ENERIYA 2.0" organized by Muthoot Institute of Technology and Science, Kochi, held on 1 st and 2nd March 2024.



6. Mr. Chris Alex, Ms. Eilin Kennedy, Mr. Vasudev Nair P, Kevin James, Ms. Annmaria Thankachan, 1st year CSE won First prize in Inquest Technical case study competition at Saintgits College of Engineering, Kottayam.

7. Ms. Georlit George, 4th year CSE won First prize for Inter College Badminton Doubles conducted at Saintgits College of Engineering, 2024.

8. Mr. Reenphy George and Mr. Allen Saji, 4th year CSE won Second prize with prize money worth 25K at the Satwa National Level Hackathon held at Saintgits College of Engineering, Kottayam, March 2024.

9. Ms. Deepna Maria Jimson, Ms. Gopika M, Ms. Nandana Venugopal, Ms. Rose George, Ms. Surya Saji, 3rd year CSE won Second prize in the Hackathon "Hack.dev"; conducted by St. Joseph's College, Calicut, on 6th and 7th February 2024.



10. Mr. Ajai Sankar Hareesh, Ms. Anu Mathew, Ms. Ashly Rose Antony, Mr. Vivekanand R, 4th year CSE won Third Prize with Prize money worth 20K in Ideathon organized by APJAKTU Techfest 2024 at Ahalia School of Engineering and Technology, Palakkad, February 2024.

11. Mr. Reenphy George, Mr. Allen Saji, 4th year CSE won First prize with prize money worth 50K in the hackathon organized by APJAKTU as part of the annual Techfest at Ahalia School of Engineering, Palakkad, February 2024.



12. Ms. Manjusree Raveendran and Ms. Raina Raj, 4th year CSE won Best Paper Presentation award in the international Conference SPICE 2K24 organized by MBITS, Kothamangalam, 2024.

13. Mr. Rohan Joshy, Mr. Akash Benny, Ms. Agnel Brijit Shaji, Ms. Sereena Mariyam Saji and Ms. Ruth Susan Issac, 3rd year CSE won First Prize respectively in the 24-hour Hackathon "Hack.Dev" organized by St. Joseph's College, Calicut, held on 6th and 7th February 2024.



14. Ms. Linta John, Ms. Melby Mariam Chandy and Ms. Sneha Shaji, 3rd year CSE received IEEE India Philanthropy "WIE-Scholarship" for female students in Karnataka, Kerala and Maharashtra, which is financed by Quest Global and worth Rs.50K, May 2024.

Department of Computer Science (Cyber Security)

Special Mentions:

1. Mr. Ashin Sabu, Mr. Abin Raju Daniel, Mr. Abin Thomas, Mr. Aravind Manoj and Mr. Goldi Babu 2023-2027 batch along with Mr. Aibel Bin (2023-2027

batch, AD) , secured first place and earned a prize of 35k in "create your own challenge" category at the NASA Space Apps Challenge Kochi 2024 organised by Rajagiri School of Engineering and Technology, Kochi and Unique World Robotics held at RSET on 5th and 6th October 2024.



2. Mr. Milan Suman 2022-2026 batch, along with Reenphy George (2020-2024 batch, CSE), Allen Saji (2022-2026 batch, CSE) and Rajat Sandeep (2023-2025 batch, CSE), secured second place and earned a prize of 25k at Satwa 2024, a 36 hour national level hackathon organized by Saintgits College of Engineering (Autonomous), Pathamuttam, Kottayam, from February 27 to February 29 based on "Preventive Healthcare Challenges". They built a prototype large action model that could interface with whatsapp and make phone calls all on its own.



3. Ms. Sneha Prasanth, Ms. Haritha S., Ms. Niveditha Balaji, Ms. Sherin Mariya James and Ms. Angel Anna Joseph, 2022-2026 batch, CSE(CY) has secured 2nd position and earned a prize of 15k at TWILIGHT HACK: Quest for the Lost Nights, a National Level Cybersecurity Hackathon organized by Adi Shankara Institute of Engineering and Technology, Kalady along with National

Cyber Security Research Council , New Delhi and FaceIN Technologies, Cochin on 21st and 22nd October , 2024.



4. Ms. Neha Biju , Ms. Annjala Shaji, Ms. Hanna Susan Thomas , 2022-2026 batch , CSE(CY) along with Ms. Namitha Anna Koshy (2022-2026 batch, AD) and Ms. Arathi Mohan (2022-2026 batch ,AD) has secured 4th position at TWILIGHT HACK : Quest for the Lost Nights , a National Level Cybersecurity Hackathon organized by Adi Shankara Institute of Engineering and Technology, Kalady along with National Cyber Security Research Council , New Delhi and FaceIN Technologies, Cochin on 21st and 22nd October , 2024.



5. Mr. Milan Suman (CY) 2022-2026 batch ,Mr. Tims Titus 2022-2026 batch (CY),Mr.Kiran Babu (CSE) 2021-2025 batch, Mr.Indrajith S Nair (CSE) 2021-2025 batch , Mr.Siddarth Manikuttan (CSE) 2021-2025 batch and Ms.Parvathi K B, (CSE) 2022-2026 batch has secured 2nd place and was awarded a prize of 3k at Smart India Hackathon 2024 : Prelims held at St. Joseph's College of Engineering and Technology, Palai on 10th September 2024. They built a data recovery tool that works on a data dump of a disk or partition which can find and extracted various deleted files from the data dump.



6. Mr. Alan Antony, 2022-2026 batch, awarded ELITE certificate of completion in NPTEL- AICTE 8-week Faculty Development Programme on Introduction to Programming in C, Funded by MoE, Govt. of India, Jan-Mar 2024

7. Mr. Joel Biju ,2022-2026 batch, awarded certification of completion in NPTEL - AICTE 12-week Faculty Development Programme on DataBase Management System,Funded by MoE,Govt.of India,Jan-Mar 2024.

8. Mr. Stebin Jacob Titus ,2023-2027 batch, awarded certification of completion in NPTEL - AICTE 8-week Faculty Development Programme on DataBase Management System,Funded by MoE,Govt.of India,Jul-Sep 2024.

9. Mr. Ashin Sabu Mathew,2023-2027 batch, awarded ELITE certificate of completion in NPTEL- AICTE 8-week Faculty Development Programme on Programming,Data Structures and Algorithms using Python, Funded by MoE, Govt. of India, Jul-Sept 2024.

Department of Electrical and Electronics Engineering

1. Mr. Akhil S Nair, S6 EEE (2021-25 Batch), Ms. V S Mahaswari, S6 EEE (2021-25 Batch) completed eight weeks NPTEL Course on "Power Quality Improvement Technique" conducted by IIT Roorkee during January-March 2024

2. Mr. Jagan S. (S4EEE, 2022-26 Batch) of SJCTET represented APJAKTU in the South-West Zone Inter University Karate Championship 2023-24 at LNCT University Bhopal from 15-01-2024 to 20-01-2024.



3. Mr. Rahul C R, S6 EEE (2021-25 Batch), completed eight weeks NPTEL Course on "Wheeled Mobile Robots" conducted by IIT Madras during January- March 2024
4. Mr. Akhil S Nair, S6 EEE (2021-25 Batch), completed twelve weeks NPTEL Course on "Deep Learning" conducted by IIT Madras during January- April 2024
5. Mr. Akhil S Nair, S6 EEE (2021-25 Batch), completed twelve weeks NPTEL Course on "Fuzzy Sets, Logic and Systems & Applications" conducted by IIT Kanpur during January- April 2024
6. Mr. Geo Tom of S8 EEE (2020-24 Batch) completed twelve week NPTEL Course on "Air Pollution and Control" conducted by IIT Roorkee during January- April 2024
7. Ms. Celina Johnney and Ms. Anjana T R of S6 EEE (2021-25 Batch) completed an Industrial Training at 66kV Substation, Thodupuzha, Idukki from 18/06/2024 to 22/06/2024
8. Mr. Arun Wilson of S4EEE (2022-26 Batch) completed an Industrial Training at 110kV Substation Ayarkunnam from 25/06/2024 to 29/06/2024
9. Mr. Akhil S Nair, & Ms. V.S. Mahaswari S6 EEE (2021-25 Batch), completed twelve weeks NPTEL Course on "Fuzzy Sets, Logic and Systems & Applications" conducted by IIT Kanpur during January- April 2024
10. Ms. V.S. Mahaswari S6 EEE (2021-25 Batch), completed twelve weeks NPTEL Course on "Programming in Java" conducted by IIT Kanpur during January- April 2024
11. Mr. Akhil S Nair & Ms. V.S. Mahaswari S6 EEE (2021-25 Batch), completed eight weeks NPTEL Course on "Power Quality Improvement Technique" conducted by IIT Roorkee during January- March 2024
12. Mr. Kevin Geo Saji of S2 EEE (2024-28 Batch) completed twelve week NPTEL Course on "Cloud Computing" conducted by IIT Kharagpur during January- April 2024
13. Mr. Kevin Geo Saji of S2 EEE (2024-28 Batch) completed twelve week NPTEL Course on "The Joy of Computing using Python" conducted by IIT Madras during January- April 2024

Department of Electronics and Communication Engineering

1. Mr. Josil N D, Ms. Ann Maria Johney, Mr. Jose Abraham and Ms. Abhisree B of S8-ECE won second place in the paper presentation contest for the paper entitled "Smart Wearable Jacket for Assisted Outdoor Navigation of Visually Impaired" at APJAKTU techfest-2024, which took place on 16th February 2024 at Ahalia College of Engineering, Palakkad.
2. Ms. Aleena James, Ms. Jintumol Joseph, Mr. Vishak T A, Ms. Tissa Mary Anil, and Ms. Liz Elizabeth Biju of

S6-ECE won second place in the Ideathon competition at APJAKTU techfest-2024, which took place on 16th February 2024 at Ahalia College of Engineering, Palakkad.



3. Mr. Jiss Joseph, Mr. Anu Somarajan K, Mr. Gladwin Biju and Mr. Elvin Alousius of S8-ECE won the third place in the paper presentation contest for the paper entitled "Safety Monitoring System for Boats" at APJAKTU techfest-2024, which took place on 16th February 2024 at Ahalia College of Engineering, Palakkad.



4. Mr. Abhijith J second year EC has secured the Third place in the marathon competition organized by the Kerala State AIDS Control Society (KSACS), as a part of the district-level Youth Festival-KSACS Youth Fest 2024-25.



Department of Electronics and Computer Engineering

1. Goutham Sreeram (2021-25 Batch) has been selected as the Media Lead at Tinker hub.
2. Goutham Sreeram (2021-25 Batch) has been selected as the Chief Creative Officer at IEDC .
3. Goutham Sreeram (2021-25 Batch) selected as the Operations & Creative Lead at TEDX.
4. Goutham Sreeram (2021-25 Batch) has been selected as the Executive Member of The Nexus Project.
5. Beon Binu(2023-27 Batcg) has secured 1st place in solo

music hindi(boys) conducted as part of Sargam 2023-2024 at SJCET palai

6. Anna Deleep (2022-26 Batch) has secured 1st place in RACQUETTES of nakshatra 2024 at Saintgits college of Engineering on march 1st 2024.
7. Anna Deleep (2022-26 Batch) has secured 3rd place in 100m race(girls) conducted as part of ascendance 2023-2024 in annual athletic meet of SJCET palai.
8. Anna Deleep (2022-26 Batch) has secured 1st place in 4*100 m relay(girls) conducted as part of ascendance 2023-2024 in annual athletic meet of SJCET palai.
9. Aleena Clara Varghese and Tilu Shaju (2022-26 Batch) has been selected as the volunteer secretaries of National Service Scheme units of SJCET palai for the year 2024-2025.

10. Aditya Nair, Jomet Sajan, Anakha T J ,Raisy Roy ,Anna Deleep of (2022-26 Batch) has been selected as the executive committee members of National Service Scheme units of SJCET Palai for the year 2024-2025.

11. Ron Thomas (2022-26 Batch) has achieved a Remote Pilot Certificate which is endorsed on june 28 2024 from DGCA

12. Lakshmi Priya R, Andriya Manoj Varghese (2022-26 Batch) has secured 3rd place in quiz competition conducted at SJCET palai in connection with national space day -2024 organised by Indian space research organization (ISRO).

13. Neha Elizabeth Philp (2021-25 Batch) has been promoted as underofficer of National Cadet Corps(NCC) at SJCET palai for the year 2024-2025.

14. Jipson Tomy (2021-25 Batch) has attained a ELITE PLUS SILVER badge on completing a NPTEL course on the topic 'Cloud Computing'.

14. Aleena Roy (2021-25 Batch+) has attained a ELITE badge on completing a NPTEL course on the topic 'Wheeled Mobile Robot'.

15. Solomon Mathew, Rijo Joshy, Govind P, Ron Thomas (2022-26 Batch) has conducted a workshop on DRONES as a part of Asthra 8.0 at SJCET palai.

Department of Mechanical Engineering

1. Mr. Ansan Johny (2020 - 24 Batch) received the Outstanding Student Performer Award 2023 from Gtech Mulearn at the Permute'24 event held at Technopark, Trivandrum. The award is given based on overall contributions to Mulearn initiatives.
2. Mr. Indraj S. (2022-26 ME B Batch) secured Second position in 110 M. Hurdles (Men) in APJ Abdul Kalam Technological University 6th Intercollegiate Athletics Meet 2023-24 held at Chandrasekharan Nair Stadium, Thiruvananthapuram.

3. Mr. Abhijith M B (2021-25 ME B) received ASME Foundation Scholarship of 1000 USD for undergraduates. He is among the selected few students to receive this coveted international scholarship from South Asia.

4. Mr. Ashin Thomas (2021-25 ME B) received ASME Foundation Scholarship of 900USD for undergraduates. He is among the selected few students to receive this coveted international scholarship from South Asia.

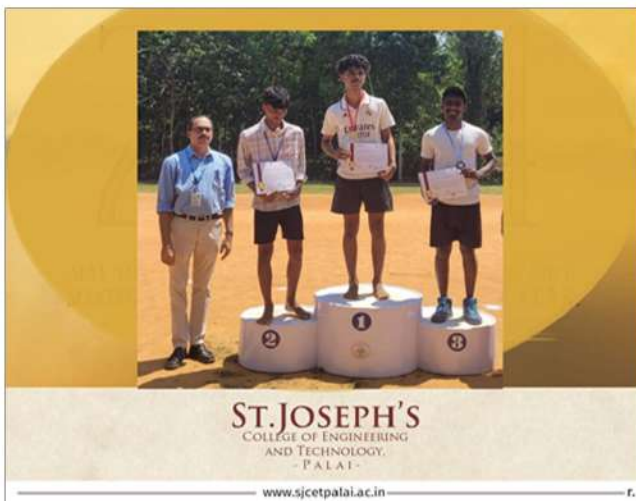
Master of Business Administration

1. Mr. Ashik Subhash, Ms. Ashili Varghese, Ms. Ashtami M A, and Mr. Georgekutty Linson secured first prize in Voyager -SAHYA 24- THE MARIAN FEST organised by Department of Hospitality and Tourism Management, MARIAN COLLEGE, KUTTIKKANAM on 7TH FEBRUARY 2024



2. MBA students Organized Management fest VAGANZA 2024 on 5th March 2024

3. Mr. Ashin M Shaji secured third prize in 800 metres race in Annual athletic meet of SJ CET conducted on 28th February 2024



4. Future Leaders Forum: Unlocking Business Insights for Tomorrow's Innovators" Third Semester MBA students (2023-25 batch) attended Pala Management Association Business meeting at the Alphonsin Pastoral Institute, on July 25th, 2024.

5. Fourth semester MBA students MBA (2022-24 batch) attended Value Added Course on Advanced Excel in March 2024.

6. Mr. Jose Sebastin, Mr. Jins Kuriakose and Dr. Soumya Varghese participated and presented a paper entitled Addressing Mental Health Hurdles in the Pursuit of Sustainable Development Goals: An Insight from the Covid-19 Context in the 2nd International Conference on Resilience, Reinvent and Way Forward organised by Department of Management Studies of M.O.P Vaishav College for Women on 4th and 5th January 2024.

7. Ms. Alana Maria Mathews, Ms. Aneetta Madhumon and Dr. Soumya Varghese, participated & presented paper on "Unveiling the Landscape of Big Data: Challenges, Opportunities, and Applications Across Industries" in the 2nd International Conference on Resilience, Reinvent and Way Forward organized by Department of Management Studies of M.O.P Vaishav College for Women on 4th and 5th January 2024

Master of Computer Applications

The "Beyond the Loop" hackathon, organized by the IEEE Student Branch at Ilahia College of Engineering and Technology, encouraged participants to develop innovative tech solutions for real-world problems. Our team secured first prize with Drive.ai, an AI automation wrapper for Google Drive, utilizing the Large Action Model (LAM). The event was sponsored by industry leaders like NocoDB, Axure, Wolfram, GitHub Campus Experts, TinkerHub, xyz, Segmind, and AWS User Group Kochi.



**BID ADIEU
(STAFF MEMBERS)**

Department of Civil Engineering

1. Ms.D.Dalmiya Rajan, Assistant Professor, Department of Civil Engineering bid farewell to this institution after rendering 4 years of commendable service.

2. Mr.Thomaskutty Mathew, Assistant Professor, Department of Civil Engineering bid farewell to this institution after rendering 2 years of commendable service.

3. Ms.Rinu Treesa George, Assistant Professor, Department of Civil Engineering bid farewell to this institution after rendering 2 years of commendable service.

4. Ms. Ms.Rinu Sara Cherian, Assistant Professor, Department of Civil Engineering bid farewell to this

institution after rendering 2 years of commendable service.

Department of Electrical and Electronics Engineering

1. Mr. Don Cyril Thomas, Asst. Professor, EEE Department is deployed to department of Electronics & Computer Engineering with effect from 1st July 2024
2. Dr. Shancy Augustian Asst. Professor, EEE Department is deployed to department of Electronics & Computer Engineering with effect from 1st July 2024
3. Sri. Thomas V C, Instructor, EEE Department relived from his service in our college on 20th May 2024



NEWLY JOINED FACULTY

Department of Artificial Intelligence and Data Science

1. Dr Renjith Thomas is appointed to the Department of Artificial Intelligence and Data Science as Associate Professor and HOD with effect from 19th January 2024.
2. Ms Rashmi Annamma George, Assistant Professor, Department of EIE, is redeployed to the Department of Artificial Intelligence and Data Science with effect from 1st June 2024.

Department of Computer Science and Engineering (Cyber Security)

1. Mr. Simimon James, Lab Instructor, EIE department is redeployed to department of Computer Science and Engineering (Cyber Security) with effect from 07/06/2024.
2. Prof. Akhija Lakshmi R, Assistant Professor, Department of ECE is redeployed to department of Computer Science and Engineering (Cyber Security) with effect from 01/07/2024.
3. Prof. Lekshmi M, Assistant Professor, is appointed to department of Computer Science and Engineering (Cyber Security) with effect from 01/07/2024.
4. Prof. Revathy A S, Assistant Professor, is appointed to department of Computer Science and Engineering (Cyber Security) with effect from 01/07/2024.
5. Prof. Libina Rose Sebastian, Assistant Professor, is appointed to department of Computer Science and Engineering (Cyber Security) with effect from 08/07/2024.

Department of Electronics and Communication Engineering

1. Ms. Akhija Lakshmi R (Date of Joining: 15/01/2024)
2. Ms. Shilpa Shiva (Date of Joining: 15/01/2024)

Master of Computer Applications

1. Ms. Binila Binoy
2. Ms. Jeena Maria Sebastian

FROM THE ALUMNA

Bridging Experience with Education:

My Journey in Structural Engineering Embarking on a journey in engineering is as much about the experiences we gather as it is about the knowledge we gain. After completing my B-Tech in Civil Engineering at the Govt. Rajiv Gandhi Institute of Technology, Kottayam, I had the incredible opportunity to work as a piping structural engineer in Dubai. This period not only broadened my technical expertise but also deepened my appreciation for the practical challenges and innovations in the field. In Dubai, a city that continuously pushes the boundaries of architectural marvels, I was privileged to contribute to projects demanding precision, adaptability, and forward-thinking. Collaborating with a diverse team of professionals exposed me to cutting-edge technologies and global standards in structural engineering. Each project was a unique learning experience—whether it involved optimizing designs under stringent specifications or navigating the complexities of multidisciplinary coordination.

However, it was during these years that I realized the immense value of advanced education in refining one's approach to engineering challenges. This insight motivated me to pursue an MTech in Structural Engineering and Construction Management at St. Joseph's College of Engineering and Technology, Palai. Returning to academia has been a rewarding experience, allowing me to merge my practical knowledge with advanced research. My current project on Transient Dynamic Analysis of an Underwater Structure, undertaken in collaboration with NPOL, Kochi, exemplifies how industry experience can enrich academic pursuits. For students and budding engineers, I'd emphasize the importance of seeking diverse experiences. The blend of hands-on industry exposure and advanced education can create a unique perspective, enabling us to contribute meaningfully to the ever-evolving landscape of structural engineering. As I continue my journey, I remain committed to bridging the gap between theory and practice, inspired by the dynamic interplay of knowledge and innovation in this field.



Gincy Xavier
MTech in
Structural Engineering
& Construction Management
(2023–2025) Batch

the**newsletter**

OFFICIAL NEWSLETTER OF SJCT PALAI • JANUARY 2024 - JUNE 2024

Chief Editor

Dr. George Tom Varghese,
Dean (UG)

Associate Editor

Dr. Ginu Ann George, HoD
Dept. of Electrical & Electronics Engg.



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