the**newsletter**

metaverse

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

thenewsletter

JAN - JUN 2022

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

Research Paper Published

1. Dr. Deepa V. has published a paper "Automated grading of diabetic retinopathy using CNN with hierarchical clustering of image patches by Siamese network", Physical and Engineering Sciences in Medicine, Springer, 2022.

Department of Civil Engineering

1. Prof. Jenson Jose published a paper titled 'Cost Forecasting of Construction Materials: A Review' in the International Research Journal of Engineering and Technology (IRJET), Volume 9, Issue 4, April 2022.

2. Deepa Joseph, Hillary Raju M published a paper titled 'A Review on Behaviour of Continuous RC Beams having web openings strengthened with FRP', in the International Research Journal of Engineering and Technology (IRJET), Volume 09, Issue 4, April 2022.

3. Diya Elsa Sabu, Deepa Joseph published a paper titled 'A State of Art of Review on Castellated Beam', in the International Research Journal of Engineering and Technology (IRJET), Volume 9, Issue 4, April 2022.

4. D DalmiyaRajan, Chinnu Gigi published a paper titled 'A Review on Honeycomb Sandwich Structures and Hybrid Structures' in the International Research Journal of Engineering and Technology (IRJET), Volume 9, Issue 4, April 2022.

5. Muthukannan M, Ance Mathew, presented a paper titled 'Development of a Methodology to Optimize the Formulation of Concrete to Immediate Release from the Mold' in the International Conference on Recent Innovations in Science and Technology (RIST 2021) on 2nd May 2022.

5. Muthukannan M, Ance Mathew, presented a paper titled 'Development of a Methodology to Optimize the Formulation of Concrete to Immediate Release from the Mold' in the International Conference on Recent Innovations in Science and Technology (RIST 2021) on 2nd May 2022.

Department of Computer Science & Engineering

1. Prof. Tomina Thomas and Anna N Kurian, "Robotic Technology in the Development of Prosthesis", book chapter in Machine Learning for Critical Internet of Medical Things Applications and Use cases, Springer, February 2022, page no: 153-176.

2. Prof. Tomina Thomas and Anna N Kurian, "Artificial Intelligence of Things for Early Detection of Cardiac Diseases", book chapter in Machine Learning for Critical Internet of Medical Things Applications and Use cases, Springer, February 2022, page no. 81-102.

Department of Electrical and Electronics Engineering

1. Dr. Ginu Ann George, HoD, Dept. of Electrical & Electronics Engineering successful defended her Ph.D Thesis, performed at Rajiv Gandhi Institute of Technology, Government Engineering College, Kottayam.

Faculty in Focus — SJCET PALAI — PhD AWARDED

PAPERS PRESENTED / PUBLISHED / ACCEPTED

1. Tomson Thomas, Prince A., Sunil Kumar P. R, Elizabeth P. Cheriyan "Real-time hardware emulation of WECS based on DFIG during unbalanced type-B and type-E voltage dips for enhanced low voltage ride-through," Electrical Engineering, Springer, 30 May 2022
https://doi.org/10.1007/s00202-022-01577-6

Department of Electronics and Instrumentation Engineering

Dr. George Tom Varghese published a paper "An Outlier Detection and Feature Ranking based Ensemble Learning for ECG Analysis" in International Journal of Advanced Computer Science and Applications, June 2022.

Department of Mechanical Engineering

1. Prof. Babusanker S. and Dr. Rajesh Baby published a Research paper in Elsevier International Journal - Journal of Energy Storage (Impact factor - 6.583) entitled "Phase change material based thermal management of lithium ion batteries: A review on thermal performance of various thermal conductivity enhancers".

Master of Business Administration

1. Thomas, A.K. et. al. (2022), "The role of switching cost in the e-service recovery framework among banking customers", International Journal of Quality and Service Sciences, Vol. 14 No. 1, pp. 86-109.
https://doi.org/10.1108/IJQSS-11-2020-0172 (S, ABDC)

2. Rev. Dr. Joseph Purayidathil, has co-authored an article titled "Factors Affecting Adoption of Social Media in Marketing of Higher Education: An Empirical analysis". This article is published in the journal - FIIB Business Review, 2022.DOI:
https://doi.org/10.1177/23197145211072198

NEWS FROM DEPARTMENTS

Department of Civil Engineering

1. Civil Engineering Society of Department of Civil Engineering, SJCET Palai, organized an Expert Talk on "Application of GIS and Remote sensing in Water Quality Monitoring" by Ms. Haritha M, Research Scholar, Amrita Vishwa Vidhyapeetham on 6th April 2022. She explained about recent advancements in the field of Remote Sensing and Geographic Information Systems (GIS). She also discussed the status of ongoing research in the domain of remote sensing and GIS for water quality monitoring and management, and remediation of water resources.

2. Civil Engineering Society of Department of Civil Engineering, SJCET Palai, organized an Expert Talk on "Practices in Bridge Construction" by Mr. Feby Peter, Consultant Bridge Engineer, Kerala State Transport Project (KSTP) on 15th May 2022. Different methods of bridge construction and their selection, different types of bridges, bridge construction methods, various methodology of design and construction of bridges were discussed.

3. Civil Engineering Society, Department of Civil Engineering honored meritorious students of 2017-2021 B. Tech and 2019-2021 M. Tech batch.

Department of Computer Science and Engineering

1. Computer Science and Engineering department of SJCET, Palai Conducted One-day Workshop on "Skill Development and Life Long Learning" organized by CSI chapters in Association with CSEA on 10th February 2022. Resource Person: Mr. Jeevan George Antony, (UI developer).

2. "RADIANCE 22", was organized by CSE on 20th May 2022 & 21st May 2022.

3. One-day hands-on workshop on "Flutter" was organized by CSI chapter of SJCET, Palai, in   Association with CSEA on 25th June 2022. Resource Person: Mr. Chrisbin Sunny, (Web developer).

Department of Electronics and Communication Engineering

1. Electronics and Communication Students' Association (ECSA) of SJCET, Palai conducted a webinar on the topic, "INTRODUCTION TO REAL TIME OPERATING SYSTEM" on 06th May 2022. The session was taken by Mr. Sooraj Prem, Firmware Engineer. The session was conducted from 7:00PM – 8:00PM on Google meet platform

2. Electronics and Communication Students Association (ECSA) of SJCET, Palai conducted a MINIPROJECT ORIENTATION PROGRAMME, named "FROM SPARK TO FIRE", in association with Torc Infotech, Kochi on 12th May 2022. The session was taken by Mr. Abhi Krishna Harikumar, CEO of the company. It was conducted from 9:00AM– 12:30PM at the Seminar hall of Mother Theresa block. The session was taken to provide a clear knowledge about mini project ideas insight into the drawbacks of each idea and ways to develop them.

3. ELECTRONICS and COMMUNICATION STUDENTS' ASSOCIATION(ECSA) of SJCET, Palai conducted a seminar on "VEGA PROCESSORSAND ECOSYSTEM" on 17th May 2022. The session was taken by Mr. LIBIN T.T, Joint Director of CDAC. The session was conducted from 9:00 AM – 12:30 PM at Seminar hall of Mother Theresa block.

4. Electronics and Communication Students Association (ECSA) of SJCET Palai conducted an online webinar on HOW TO BUILD ARESUME mainly focused on 3rd yrs. ECE Students on 11th June 2022.The session was handled by Prof. SABARINATH G, Assistant Professor in department of Electronics and Communication Engineering of SJCET Palai. It was conducted from 7:00 pm to 8:00 pm at GoogleMeet.

(ECSA) of SJCET Palai conducted an online webinar on HOW TO BUILD ARESUME mainly focused on 3rd yrs. ECE Students on 11th June 2022.The session was handled by Prof. SABARINATH G, Assistant Professor in department of Electronics and Communication Engineering of SJCET Palai. It was conducted from 7:00 pm to 8:00 pm at GoogleMeet.

5. Electronics and Communication Students' Association (ECSA) of SJCET organized an offline hands on workshop on Home Automation System in collaboration with SILICORE INNOVATIONS Pala on 18th June 2022 at 9:30am. The main agenda of the event was to provide an overview as well as basic knowledge about home automation system. The workshop was taken by Mr. Shibin S, Director at SILICORE INNOVATIONS. It was conducted from 9:30am-1:00 pm at Embedded Systems Lab SJCET.

6. Electronics and Communication Students Association (ECSA) of SJCET Palai conducted an online training session of Adobe Photoshop, which mainly focused on poster making on 30th and 31st of May 2022.The session was handled by Mr. Jachin Bency Thomas, third year ECE student of SJCET Palai. It was conducted on both days from 8:30 pm to 9:30 pm on Google Meet.

7. Electronics and Communication Students' Association(ECSA) of SJCET, Palai proudly presents WhizzTalkz – aseries of interactive sessions by accomplished professionals. Itwas an amazing series with a talk on "Entrepreneurship: Opportunities and Challenges". It was conducted on 23rd June 2022 from 02:30PM – 03:30PM at the Seminar hall of St. Joseph's Block.

8. Electronics and Communication Students' Association (ECSA) of SJCET, Palai conducted a webinar on the topic, "INTRODUCTION TO ADRUINO" on 25th June 2022. The session was taken by Mr. JACHIN BENCY THOMAS, Electronic communication coordinator IEEE link, Kerala section. The session was conducted from 7:00PM – 8:00PM on Google meet. The session was taken to provide a clear knowledge about Adruino and its usage

9. Electronics and Communication Students' Association (ECSA) of SJCET, Palai conducted a webinar on the topic, "PHOTOSHOP TRAINING" on 26th June 2022. The session was taken by Mr Johns Pattara, Mr.Arjun Krishna and Mr.Nobin Thomas, are S4 students and members of ECSA. The session was conducted from 08:00PM – 10:00PM on Google meet.

10. Electronics and Communication Student's Association (ECSA) of SJCET, Palai conducted a Student Techtalk on the topic," GENERATIONS OF CELLUR TECHNOLOGY" on 28th June 2022. The session was taken by Jeslet Joy of second year Electronics and

communication student. The session was conducted from 8:30 -9:30 on Google meet.

Department of Electrical and Electronics Engineering

1. EEE department of SJCET organised a Technical Talk on the topic "GPS and Wi-Fi" on 03-01-22 for S7 EEE students.

2. AiCademy& AICA Energy in Association with Electrical & Electronics Engineering Dept., SJCET, Palai conducted a webinar on 'Electric Vehicle: The New Future' on 15/01/2022.

3. EEE department of SJCET, Palai in association with CAREER AVENUES (Run by EDZUMO Pvt Ltd) organized a webinar on OPPORTUNITIES AFTER ENGINEERING on 12/02/22, for S5 & S7EEE students.

4. The Department of EEE in association with Continuing Education and Skill Development Cell conducted a motivational talk and experience sharing by Athul V Nair, Lieutenan- Indian Army, an Alumnus of EEE Dept., SJCET, Palai (2013-17 Batch) on 18-04-2022 at for EEE students.

5. The Department of EEE in association with Continuing Education and Skill Development Cell have conduct a Seminar on Solar Power & Distribution followed by a plant visit (Solar Plant & 11kV Substation, SJCET, Palai) on 06/06/22 for S6 EEE students.

6. The Department of EEE in association with Continuing Education and Skill Development Cell and Centre for Interdisciplinary Research have conducted a seminar on 'How to Market Yourself' on 2/06/2022 for S2 EEE students.

Department of Mechanical Engineering

1. TYROVELOCE RACING 'Charley' on wheels participated in India's biggest ATV competition SAE INDIA BAJA 2022 @ NATRIP, Pithampur, Madhya Pradesh during 5 - 10 April 2022.

2. Students from Department of Mechanical Engineering, SJCET Palai designed and fabricated bicycle for Bicycle Design Challenge - BDC 2022 by SAEINDIA conducted at Bannari Amman Institute of Technology, Sathyamangalam, Erode, Tamil Nadu during 21 - 22 May 2022.

Master of Computer Applications

1. The inaugural ceremony of KTU 2021 batch MCA was conducted on 28-May-2022.

2. In-house placement training was conducted along with regular classes of higher semester.

3. Add-on programme "Introduction to emerging

technologies in industry and research 22-6-21 to 12-06-21".

4. One Day workshop on Python Django by Mr. Ajay Antony, Senior Developer, Disha Soft Pvt Ltd, Kochi. on 22 January 2022.

5. Talk on Effective utilization of E-Resources for a valuable research paper by
  Mr. Justine Thomas, Librarian(Gr.1), SJCET(25 April 2022)

6. Talk on "Scientific Publication" by Prof. Rajesh Baby, Department of Mechanical Engineering, SJCET Palai (6th May 2022).

7. Talk on "Health effect of electromagnetic radiations "by Asst. Prof. Sabarinath. G, Department of ECE, SJCET (11 May 2022)

Master of Business Administration

1. Expert Talk – Officials of HTC Global recruitment team addressed S1 and S3 MBA students on 11/01/2022

2. Placement Training to S3 MBA students (2020-22 batch) by Jays Academy on 15/04/2022 to 19/01/2022

3. GD Training to S1(2021-23 batch) and S3(2020-22) MBA students by Jays Academy on 22/01/2022

4. Industrial visit to IHG-Holiday Inn by S3 MBA (2020-22Batch) on 25/02/2022

5. Industrial Visit to CIAL by S3 MBA students (2020-22 Batch) on 25/02/2022.

6. Industrial Visit to Powerex Industries by S2 MBA students (2021-23 Batch) on 11/03/2022.

7. Industrial Visit to Dolphin Rubber Industries, Kottayam by S2 MBA students (2021-23 Batch) on 11/03/2022.

8. Industrial Visit to VALENTINO shoe manufacturing unit, Delhi by S4 MBA students (2020-22 batch) on 30/04/2022

9. St. Joseph's Business School – Azim Premji University Academic Program May 2022: Student representative of SJBS (2020-22 batch) and Azim Premji University made a detailed study on the Sustainability of resorts in Alappuzha –held at Ramada by Wyndham – Alleppey and Sterling Lake Palace.

10. Value Added Course On Entrepreneurship Development In Association With SJCET – ED Cell and DIC Kottayam

11. St. Joseph's Business School – Azim Premji University Academic Program May 2022: Student representative of SJBS and Azim Premji University studied the Sustainability of Homestays in Alappuzha – Green palm Home stay

12. St. Joseph's Business School – Azim Premji University

Academic Program May 2022: Student representative of SJBS (2020-22 batch) and Azim Premji University studied the Sustainability of Travel agents in Alappuzha – Pooja Tours & Travels and Swamy Tours

13. St. Joseph's Business School – Azim Premji University Academic Program May 2022: Student representative of SJBS (2020-22 batch) and Azim Premji University studied the Sustainability of Houseboats in Alappuzha – ATDC and Chittady Houseboats

14. Two Day Placement Workshop in Association with Prep Academy for S4 students of 2020-2022 MBA Batch on May 31 and June1st.

15. Value-Added Course (VAC) on Financial Services in Association with Hedge Equities and Hedge School of Applied Economics S4 students of 2020-2022 MBA Batch 16/05/2022 to 19/05/2022.

16. Expert Talk on Cyber Security by Mr. Rana Jose, Regional Manager, EMEA, Security Consultant at NSHC, SingaporeS2 and S4 students of 2020-2022 & 2021-2023 MBA Batch on 31/05/2022 and 1/06/2022.

ACADEMIC ACHIEVEMEMENTS (STAFF MEMBERS)

Department of Artificial Intelligence and Data Science

CONFERENCES / SEMINARS/ WEBINARS/ FDPS & TRAINING

1. Dr. Deepa V. has presented a conference paper on Pre-trained Convolutional Neural network for Automated Grading of Diabetic Retinopathy, IEEE Int. Conf. , May 2022.

2. Ms Jabin Mathew has participated in the one week FDP on "Advances in natural language processing using AI"in association with CSI from 14th march to 18th march 2022.

3. Ms Jabin Mathew has participated in the FDP on "computational intelligence &Bio-inspired systems" at Rajagiri school of Engineering &Technology from 24th to 29th January 2022.

4. Ms Preema Theresa Varghese has participated in the one week FDP on "Advances in natural language processing using AI"in association with CSI from 14th march to 18th march 2022.

Department of Civil Engineering

1. Rev. Dr. Bennet Kuriakose delivered a Lecture on "Upcoming Advancements in Construction Engineering" as part of an online training programme on Emerging Trends in Civil Engineering at NSS College of Engineering, Palakkad on 11th April 2022.

2. Prof. Ance Mathew attended a Five Day International Faculty Development Program (Online) on "Advancement of Technology in Civil Engineering" organized by the Department of Civil Engineering and International College of Engineering, Jaipur from 28th February 2022 to 3rd March 2022.

3. Prof. Asha Alice Kulavattom, Prof. Neethu Joseph and Prof. Deepa Jose attended a short term training program (Online) on 'Advances in Bridge Engineering- Design and Research Perspective' organized by the Department of Civil Engineering, GEC Thrissur from 21st to 25th March 2022.

4. Prof. Jose James attended a five-day Faculty Development Program (Online) on 'Advanced Soil Reclamation Techniques', organized by the Department of Civil Engineering, Muthoot Institute of Technology and Science, Varikoli, Kochi from 4th to 8th April 2022.

Department of Computer Science Engineering

1. Prof. Jeena Thomas, received Woman Scientist Scheme-A Research Grant, under ministry of science and technology, India 21 March 2022.

2. Dr. Joby P P, & Dr. Praseetha V M were selected in the empaneled list of academic external auditors of APJ Abdul Kalam Technological University, Thiruvananthapuram in May 2022.

3. Prof. Smitha Jacob, successfully completed Full Stack Development (315 hours) program conducted by ICT Academy of Kerala in association with NORKA ROOTS from 18 October 2021- 26 March 2022.

4. Dr. Sruthy S Completed the NPTEL certification on "Cloud Computing and Distributed Systems computing" 8-week course from Jan-Mar 2022.

5. Dr. Sruthy S Completed the NPTEL certification on "Data Base Management System" 8-week course from Jan-Mar 2022.

6. Dr. Sruthi S delivered a lecture on "Image Processing" on 8th March 2022 organized by the Department of Computer Science in association with the Internal Quality Assurance Cell of Mary Matha Arts & Science College, Mananthavady.

7. Prof. Smitha Jacob delivered an invited Lecture on "MERN Stack" at Mahendra Engineering College, Namakkal, Salem on 12th April 2022.

8. Prof. Maria Yesudas participated in 6-day Faculty Development Programme on "Outcome Based Education in Professional Institutions" organized by St. Joseph's of College of Engineering and Technology, Palai, Kottayam,

from 27th December 2021- 1st January 2022.

9. Prof. Anu V Kottath successfully completed one week AICTE – ISTE approved FDP on "Outcome based education in Professional Institutions" organized by St. Josephs college of Engineering and Technology, Palai, from 27th December 2021- 1st January 2022.

10. Prof. Thushara Sukumar completed the 6-day AICTE-ISTE approved FDP on "Outcome Based Education in Professional Institutions" held during 27th December 2021- 1st January 2022 organized by SJCET, Palai.

11. Prof. Reby John attended AICTE/ISTE approved Orientation programme on "Outcome Based Education" in Professional Institutions organized by the St Joseph's College of Engineering and Technology Palai from 27th December 2021- 1st January 2022.

12. Prof. Dona Mary Cherian completed four days virtual FDP on "Modern Web Application Development with Mean Stack" organized by ICT Academy of Kerala from 5th January 2022 to 10th January 2022.

13. Prof. Sharon Justin participated in one-day workshop on "PhD: Admission to Convocation" on 16th January 2022 organized by Educorp Center for Research and Advanced Studies Pvt. Ltd.

14. Dr. Sruthi S completed the AICTE/ISTE approve Orientation/ Refresher programme on "Advances in Cyber Security" held during 19th January 2022 to 25th January 2022.

15. Prof. Anna N Kurian participated in six – days online AICTE-ISTE approved Orientation/Refresher Programme on "Advances in Cyber Security", organized by Department of Computer Science and Engineering, College of Engineering, Kallooppara, from 19th January 2022 to 25th January 2022

16. Dr. Sruthi S completed one-day workshop on "SCI/ Scopus Research paper writing and publishing" organized by Educorp Centre for Research and Advanced Studies Pvt. Ltd. on 20th February 2022.

17. Prof. Anu V Kottath successfully completed IET Sponsored 3 days Training Program on "Virtual Reality and Augmented Reality "organized by Hindustan Institute of Technology and Science, Chennai held from 9th March 2022 - 11th March 2022.

18. Prof. Jibin Philip completed one-week online Faculty Development programme on "Advances in Natural Language processing using AI" organized by CSI and Vimal Jyothi Engineering College from 14th March 2022 to 18th March 2022.

19. Prof. Jaya John participated in the 3-day FDP on "Artificial Intelligence and Data Science" Organized by Department of Computer Science & Engineering, Sree Narayana Gurukulam College of Engineering, from 17th March 2022 to 19th March 2022.

20. Prof. Reby John attended FDP on "Artificial intelligence and data science" organized by Department of Computer Science & Engineering, Sree Narayana Gurukulam College of Engineering, from 17th March 2022 to 19th March 2022.

21. Prof. Sharon Justin participated in the 3-day FDP on "Artificial Intelligence and Data Science" Organized by Department of Computer Science & Engineering, Sree Narayana Gurukulam College of Engineering, from 17th March 2022 to 19th March 2022.

22. Dr. Sruthi S participated in the FDP on "Artificial Intelligence and Data Science" organized by Sree Narayana Gurukulam College of Engineering, from 17 th March 2022 to 19th March 2022.

23. Prof. Thushara Sukumar participated in the 3-day FDP on "Artificial Intelligence and Data Science" Organized by Department of Computer Science & Engineering, Sree Narayana Gurukulam College of Engineering, from 17th March 2022 to 19th March 2022.

24. Prof. Dona Mary Cherian, participated in 3-day Faculty Development Programme on "Artificial Intelligence and Data Science" organized by Sree Narayana Gurukulam College of Engineering, from 17th March 2022 to 19th March 2022.

25. Prof. Maria Yesudas awarded certificate of participated in 3-day Faculty Development Programme on "Artificial Intelligence and Data Science" organized by Dept. of Computer Science and Engineering, Sree Narayana Gurukulam College of Engineering, from 17th March 2022 to 19th March 2022.

26. Prof. Anu V Kottath successfully completed 3 Day FDP on "Artificial Intelligence and Data Science" organized by Department of Computer Science & Engineering, Sree Narayana Gurukulam College of Engineering, from17th March 2022 to 19th March 2022.

27. Dr. Praseetha V M participated in the IP Awareness/Training program organized by Intellectual Property Office, India.2022, 1 day.

28. Prof. Anna N Kurian participated in six days online AICTE sponsored Short Term Course "Data Analysis using statistical Learning Techniques" organized by Department of Mathematics in association with Centre for Continuing Education, Indian Institute of Technology, Madras, from 21st March 2022 to 25th March 2022.

29. Prof. Reby John attended AICTE sponsored Short Term Training Programme on "High-performance computing and deep learning for image and text analysis session-2" organized by the Department of Computer Science and Engineering, Mar Baselios College of Engineering and Technology scheduled from 21st March 2022 to 25th March 2022.

30. Prof. Sharon Justin attended online STTP on "High Performance Computing and Deep Learning for Image and Text Analysis" conducted by Mar Baselios College of

Engineering and Technology Thiruvananthapuram, from 21st March 2022 to 25th March 2022

31. Prof. Dona Mary Cherian participated in 5-days Faculty Development Programme on "High performance Computing and Deep Learning for Image and Text analysis-Session 2" organized by Mar Baselios of College of Engineering and Technology, Thiruvananthapuram, from 21st March 2022 to 25th March 2022.

32. Prof. Anu V Kottath successfully completed AICTE sponsored one-week Faculty Training Programme on "High-Performance Computing and Deep Learning for Image and Text Analysis "organized by the Department of Computer Science and Engineering, Mar Baselios College of Engineering and Technology scheduled from 21st March 2022 to 25th March 2022.

33. Prof. Jibin Philip participated TEQIP-II sponsored 5 days Online Faculty Development Programme on "Recent Trends in Signal and Image Processing" organized by the Engineering, Government Engineering College Palakkad, Sreekrishnapuram during 16th May 2022 to 20th May 2022.

Department of Electronics and Communication Engineering

1. Dr. Giby Jose , Associate Professor Dept. of ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE, St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

2. Mr. Sabrinath G , Assistant Professor , Dept. of ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE, St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

3. Mr. SabrinathG , Assistant Professor , Dept. of ECE attended a FDP on"Advances in Signal Processing" Lakireddy Bali Reddy College of Engineering, Mylavaramon 4th to 7thApril 2022.

4. Mr. Tomson Devis , Assistant Professor , Dept. of ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE, St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

5. Mr. Anto Manuel , Assistant Professor , Dept. of ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE, St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

6. Mrs. Manju James , Assistant Professor , Dept. of ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE, St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

7. Mrs. Sunitha S Pillai , Assistant Professor , Dept. of

ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE, St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

8. Mrs. Rincy Merrin Varkey , Assistant Professor , Dept. of ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE, St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

9. Mrs. Nitha M Biju , Assistant Professor , Dept. of ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE, St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

10. Mrs. Soya Treesa Jose , Assistant Professor , Dept. of ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE, St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

11. Mrs. Vijayalakshmi G , Assistant Professor , Dept. of ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE, St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

12. Mrs. Shilpa Lizbeth George , Assistant Professor , Dept. of ECE attended a 5 day ATAL FDP on" Wearable device" organized by Dept of ECE,at St. Joseph's College of Engineering and Technology, Palai on 17th to 21st January 2022.

13. Mrs. Shilpa Lizbeth George , Assistant Professor , Dept. of ECE attended a 5 FDP on"Advances InNatural Language Processing Using AI CSI-sponsored One Week Online Faculty Development Program organized by the Department of Computer Science & Engineering, VimalJyothi Engineering College.on 14th to 18thMarch 2022.

14. Mrs. Shilpa Lizbeth George , Assistant Professor , Dept. of ECE attended completed MOOCS course on " The Joy of Computing Using Python

15. Mrs. Juney M George , Assistant Professor , Dept. of ECE attended completed NPTEL course on "Biomedical"
16. Mrs. Anu Jyothy , Assistant Professor , Dept. of ECE attended completed NPTEL course on " Technical English for Engineers".

Department of Electrical and Electronics Engineering

1. Dr. Ginu Ann George is a Member of Board of Studies for the Electrical & Electronics Engineering programme at, APJ Abdul Kalam Technological University.

2. Dr. Ginu Ann George is a Member of M.Tech. syllabus Committee at APJ Abdul Kalam Technological University.

CONFERENCES / SEMINARS/ WEBINARS/ FDPS & TRAINING

1. Ms. Shanooga Chandran attended five day AICTE Sponsored FDP on "Wearable Devices" conducted by SJCET, Palai from 17/01/2022 to 21/01/2022.

2. Ms. Shanooga Chandran attended five day online FDP on "Advances in Signal Processing" conducted by LBRCE, AP, India from 04/04/2022 to 08/04/2022.

3. Ms. Elizabeth Alphonsa Jose attended one week Online FDP on " Power Electronic Control in Renewable Energy Applications" from 25/04/2022 to 29/04/2022 conducted by Vimal Jyothi Engineering College.

4. Ms. Mr. Tomson Thomas attended five day FDP on " DC Community Level Grid Challenges in Protection, Control and Stability (DCLG)-2022" conducted by National Institute of Technology, Calicut from 1st to 5th March 2022.

5. Ms. Divya James attended oneweek Online FDP on " Robotics: Control and Applications-Phase-I" from 4/4/2022 to 8/04/2022 conducted by Mar Baselios College of Engg., Thiruvananthapuram.

6. Ms. Shiny K. George attended one week FDP on " Green Energy Technologies for sustainable development" from 23/5/2022- 27/5/2 022 conducted by SCMS,Ernakulam.

7. Ms.Vineetha P Joseph attended five day FDP on " Green Energy Technologies for sustainable development" from 23rd May 2022 to 27th May 2022 conducted by SCMS, Ernakulam.

Department of Electronics and Instrumentation Engineering

1. Dr. George Tom Varghese is a Member of Board of Studies for the Applied Electronics and Instrumentation Engineering programme at APJ Abdul Kalam Technological University.

2. Dr. George Tom Varghese is a Member of M.Tech. syllabus Committee at APJ Abdul Kalam Technological University.

3. Prof. Rashmi Annamma George participated in the Faculty Development Programme on Signal Processing for Machine Learning: Medical and Speech Perspective" organized by the Department of Electronics and Communication Engineering at Thiagarajar College of Engineering, Madurai, from 6th to 8th January 2022.

4. Prof.Rameesa Mol J participated in the Faculty Development Programme on "Recent advancements in Biomedical Signal and Image processing" organized by the National Institute of Technology, Rourkela, from 30th May to 3rd June 2022 sponsored by the Science and Engineering Research Board, DST, Govt.of India.

6. Prof. Al Saheer S S participated in the Faculty Development Programme on " Recent advancements in Biomedical Signal and Image processing" organized by the National Institute of Technology, Rourkela, from 30th May to 3rd June 2022 sponsored by the Science and Engineering Research Board, DST, Govt.of India.

7. Prof. Rameesa Mol J successfully completed the Massive Open online course on Data Science for Engineers Conducted by IIT, Madras during Jan -Mar 2022.

8. Prof. Rashmi Annamma George successfully completed the Massive Open online course on Data Science for Engineers Conducted by IIT Madras during Jan -Mar 2022.

9. Prof. Rameesa Mol J successfully completed the Massive Open online course on Python for data science Conducted by IIT, Madras during Jan -Mar 2022.

10.Prof. Rashmi Annamma George successfully completed the Massive Open online course on Python for data science Conducted by IIT, Madras during Jan -Mar 2022.

Department of Mechanical Engineering

1. Dr. Rajesh Baby got approval for funding of 15 Lakhs under Teachers Associateship for Research Excellence (TARE) scheme for the research project entitled "Experimental Investigations on Nano-Enhanced Phase Change Materials for Latent heat storage applications" by the Science and Engineering Research Board (SERB), Govt. of India.

2. Dr. Jeeno Mathew won the Best Teacher Award in Art of Teaching competition (in the category - Clarity of Concepts) conducted by GTECH (Group of Technology Companies, Kerala) with APAJKTU as university partner.

3. Dr. Lijo Paul and Dr. Jilse Sebastian - A total sum of $14 Lakhs is sanctioned by AICTE as a grant-in-aid for the project titled "Design and Development of Patient Specific Biomedical Devices using SLA Additive Manufacturing with Bio plastics" under the Research Promotion Scheme (RPS).

Master of Computer Applications

1. Dr. Rahul Shajan approved as research supervisor in APJAKTU.

2. Prof. Jose George selected as a member in Board of Studies, APJAKTU -2021

Master of Business Administration

1. Ms. Soumya Varghese, Assistant Professor – MBA, attained Ph.D. from Cochin University of Science and Technology, Under the Faculty of Social Sciences. Title of research work: "Green Process Innovations and Green Product Innovations: Drivers and impact on Medium

and Large Manufacturing Firms in Kerala".

2. Mr. Dawn Jose, Assistant Professor – MBA, attained Ph.D. In Management Studies, Under the Faculty of Management Studies, Mahatma Gandhi University, Kottayam, Kerala. Title of the research work: "INFLUENCE OF SOCIAL MEDIA AS A MARKETING TOOL ON CONSUMER ADOPTION – A STUDY ON LIFESTYLE BRANDS AMONG URBAN CONSUMERS OF KERALA".

3. JUNIOR FACULTY CONSORTIUM – 06 JAN 2022 | Indian Institute of Management Rohtak – Facilitated by Dr. Sushanta Kumar Mishra, IIMB, and Dr. Ajith Thomas, St. Joseph's Business School, Kottayam. *JFC is a pre-conference workshop of the INDAM 2022 @ IIM Rohtak JANUARY 7 – 9, 2022.

4. Dr. Ajith K Thomas, Resource Person, Career Oriented Soft Skill development Programme at St. Joseph's College of Communication, Changanacherry on 12/01/2022.
5. Dr. Ajith K Thomas, Resource Person, Career Oriented Soft Skill development Programme at St. George College, Aruvithura on March2,2022

6. Dr. Ajith K Thomas, Resource Person, Career Oriented Soft Skill development Programme at B K College, Amalagiri on March 15,2022

7. Dr. Suma Mathew was appointed as an External Examiner for Internship assessment Examination ofS3 MBA * Examination, February 2022 at Sree Narayana Gurukulam College of Engineering.

8. Dr. Dawn Jose attended Two-Week Refresher Course On "Managing Online Classes & Co- creating MOOCS 15.0" from 06 – 20 June, 2022 and obtained Grade A, under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

STUDENT ACHIEVEMENTS

Department of Artificial Intelligence and Data Science
1. Mr. Jaidan Gill Shajan is selected as CMO at IEDC, Technical lead at Ui Path, Organizer of MLH (Outside college).

2. Ms. Dua Ashraf is selected as Operation lead at GDSC.

3. Mr. Jayasankar Shyam is selected as Webmaster of IEEE ComSoc Kerala Chapter, Web lead of IEEE SB SJCET,

Arduino mentor of Tinker Hub SJCET.

4.Mr. Deepu Sasi is selected as Design lead Ui Path.

5. Mr. Cyril K Sony is selected as MDC at IEEE SB SJCET.

6.Ms. Richa Ann Abraham is selected in GTECH as Initiative lead and secretary of ADSA.

7. Mr. Ajay T Shaju is selected as Creative lead at Radio Community and designer of ADSA.

8.Mr. Aswin Johny is selected as Program Committee member of IEEE, Designer of Tinker Hub, Designer of MUlearn and ADSA certificate manager.

9.Ms. Aleena Roy is selected as an invitation manager of ADSA.

10.Ms. Gouri S Govind is selected as Design team head of NSS and ADSA food and refreshment member.

11.Mr. Justin Thomas Jo is selected in Documentation section of ADSA.

12.Ms. Aleena James is selected as vice president of ADSA.

13.Ms. Hrudya N Nair is selected in Documentation of ADSA.

14.Ms. Deepatha Shaji is selected in hospitality of ADSA.

Department of Civil Engineering
1. On 24th June 2022, S6 CE students visited Convent Beach Bridge site, Cherai, Ernakulam and collected the sectional details of the bridge and analysed the structure mathematically and compared it with the actual design data.

2. Students of CE Department organized technical Fest 'CIVISTA' as part of ASTHRA 2022 on 20th and 21st of May 2022. The team consisting of Deepak P R, Neha Manoj, Jeslin Jose, Aleena Johny, Christy Maria Seba and Angel Rose Benny of S2 CS won the first prize in Treasure Hunt. First Prize for Bridge Design was won by the team consisting of Aromal S B and Aleena John (S2 CE). Cash prizes were awarded to the winners.

Department of Computer Science and Engineering
1. Ms.Liya Mathew , S8 CSE Secured the highest salary package 55 Lakhs Per annum, offered by Goldman Sachs.

2. 232 placement offers in academic year 2021-22

3. Ms. Anitta Siby, S4 CSE came under Top 10 Participant in the "Red Hat Academy Challenge June 2022 Contest" conducted by Red Hat and IPSR Solutions Ltd.

4. Ms. Amala Maria Kuruvilla, S4 CSE bagged 3rd Prize in the "Red Hat Academy Challenge June 2022 Contest" conducted by Red Hat and IPSR Solutions Ltd.

Department of Electrical and Electronics Engineering

1. Ms. Anjaly Mathew, Mr. Alan Antony Louis, Mr. Edwin Raju, Ms. P Ramanika, Mr. Rahul C R, Mr. Tom Tojo, Mr. Alan Sabu, Ms. V S Mahaswari, Ms. Anju Benny, Mr. Jerin George, Mr. Thomas Babu, Mr. Abhishek C R, Mr. Anand V Kurian, Mr. Adhil Muhammed R, Mr. Pauls Xavier Antony, & Mr. Edward Jerome of S2 EEE and Steni Yohannan of S4 EEE attended two day workshop on "Electric and Future Mobility" organized by in association with Science and Technology Council, IIT (BHU)Varanasi from on 14th & 15th May 2022.

2. Ms. P. Ramanika, Mr. Jibin Jose, Mr. Alan Sabu, Mr. Alwin Thomas, Mr. Abhiram Raju, Ms. V S Mahaswari , Mr. Rahul C R, Ms. Anju Benny, Mr. Abhishek C R , Mr. Thomas Babu, Mr. Jerin George & Mr. Nithin S George, of S2 EEE and Steni Yohannan & Cinta Ann Philip of S4 EEE attended two day workshop on "Automotive diagnostics and tuning" organized by in association with Science and Technology Council, IIT (BHU)Varanasi on 7th& 8th May 2022.

3. Mr. Jibin Jose of S2 EEE attended two day workshop on "ROBOT OPERATING SYSTEM" organized by in association with IEEE RAS Kerala Chapter from 24th to 27th May 2022.

4. Mr. Jibin Jose, Mr. Alan Sabu, Mr. Rahul C R, Mr. Abhishek C R, Mr. Thomas Babu& Mr. Jerin George of S2 EEE and Steni Yohannan &Cinta Ann Philip of S4 EEE attended a workshop on "Career Guidance in Electric Vehicle Sector" organized by in association with IEEE RAS Kerala Chapter on 15th May 2022.

5. Ms. Ashna Pious, Ms. Cinta Ann Philip of S4 EEE Attended a Webinar on the topic "Electric Vehicle" Organized by NIIT, Calicut on14thFeburary 2022.

6. Ms. Cinta Ann Philip of S4 EEE Attended a Webinar on the topic "Future of mobility" Organized by NIIT, Calicut on13thFeburary 2022.

7. Mr. Abhiram Raju & team of S2 EEE secured 2nd Prize in Nostalgia (Boys) Sargam'22, Annual Arts Feast on 27th& 28th April 2022.

8. Ms. Anju Benny & team of S2 EEE secured 1st Prize in Oppana in Sargam'22, Annual Arts Feast on 27th& 28th April 2022.

9. Ms. Anju Benny, of S2 EEE secured 1st position in High Jump women in Victorem- The Annual Athletic Meet 2022.

10. Ms. Anju Benny, of S2 EEE secured 2nd position in 4 x 100m women in Victorem - The Annual Athletic Meet 2022.

11. Ms. Anju Benny, of S2 EEE secured 3rd position in 4 x 200m relay women in Victorem- The Annual Athletic Meet 2022.

12. Ms. Anju Benny, of S2 EEE secured 1st position in 100m relay women in Victorem- The Annual Athletic Meet 2022.

13. Mr. Alex T. K, Mr. Bright Benson Berthold, Mr. Amal George, Mr. Darin Jose, Mr. P. Arun Rajan, Mr. Manoj Poudel, Mr. Arjun Pradeep, Mr. Hari P.S, Mr. Athul Thankachan, (S6 EEE) attended Internship "International Safety Standards and Regulations" at KELTRON, Aluva , January 2022

Department of Mechanical Engineering

1. Mr. Bilbin Mathew, Mr. Paul Vargeson, Mr. Alan Philip Rajan and Mr. Mohammed Yasim of B.Tech 2018 - 2022 batch under the Guidance of Dr. Rajesh Baby (Dean - Research) and Dr. George Tom Varghese (Head - Dept. of Electronics & Instrumentation Engineering) received Financial Assistance to Student Projects under CERD student project scheme for the project - Development of an automatic height adjusting pillow to relieve chronic neck pain (cervicalgia) from APJ Abdul Kalam Technological University, Kerala

2. Mr. Thimothy Benny, Mr. Akhil Krishnan, Mr. Genesis J Cheruvallil and Mr. BenchaminTomy of B.Tech 2018 - 2022 batch under the Guidance of Mr. Ivin Jose (Assistant Professor) received Financial Assistance to Student Projects under CERD student project scheme for the project - Tool design and fabrication of hybrid electro discharge grinding setup for microchannels from APJ Abdul Kalam Technological University, Kerala.

Master of Computer Applications

Mr. Visakh T. S. (Student S5 MCA) got 1st prize in Project "SAMYUKTHA" competition conducted by Saint GITS College, Kottayam.(2021).

Master of Business Administration

1. Mr. Abhijith Sabu, Ms. Baghyalakshmi C. S and Dr. Soumya Varghese (2022):" A Review on Achieving High Organization Performance through Servant Leadership" in the National Business Conclave 2022 on Emerging Trends in Management organized by Department of Management Studies, Mar Athanasios College for Advanced Studies (MACFAST) held on 15th July,2022.

2. Mr. Devasiachan Antony, Ms. Pinky Joseph and Dr. Soumya Varghese (2022): "A Review on Effectiveness of Reward Systems on Employee Performance" in the National Business Conclave 2022 on Emerging Trends in Management organized by Department of Management Studies, Mar Athanasios College for Advanced Studies (MACFAST) held on 15th July,2022.

3. Mr. Jeffin George, Ms. Riya Siby and Dr. Soumya Varghese (2022): "The Role of Training and Its Impact on Organisation" in the National Business Conclave 2022 on Emerging Trends in Management organized by Department of Management Studies, Mar Athanasios College for Advanced Studies (MACFAST) held on 15th July,2022

4. Mr.Ritto Mani, Ms.Shika Ann Raj and Dr. Soumya Varghese (2022):"The Impact of Work from Home during Covid -19 on Work and Life Domains :A descriptive Study on Central Kerala" in the National Business Conclave 2022 on Emerging Trends in Management organized by Department of Management Studies, Mar Athanasios College for Advanced Studies (MACFAST) held on 15th July,2022.

BID ADIEU (STAFF MEMBERS)

Department of Computer Science and Engineering

1. Prof. Prince V Jose of Computer Science and Department also bid farewell to this institution on 31th March 2022 after rendering 5 years of commendable service.

2. Prof. Geethu S Kumar of Computer Science and Department also bid farewell to this institution on 31th March 2022 after rendering 4months of commendable service.

3. Prof. Suma Gopan of Computer Science and Department also bid farewell to this institution on 28th January 2022 after rendering 14 years of commendable service.

4. Prof. Smija Das of Computer Science and Department also bid farewell to this institution on 28th January 2022 after rendering 15 years of commendable service.

Master of Computer Applications

1. Dr. T.D. Jainendrakumar HoD MCA bid farewell to this institution on 11th January 2022 after rendering 5 years of commendable service.

NEWLY JOINED FACULTY

Department of Artificial Intelligence and Data Science

1. Ms. Minu Cherian
2. Ms. Shelcy Paulose

Department of Computer Science and Engineering

1. Ms. Jaya John
2. Ms. Dyni Thomas
3. Ms. Saritha M S

Department of Electrical and Electronics Engineering

1. Ms. Vineetha P Joseph

FACULTY ON DEPUTATION FOR HIGHER STUDIES

Department of Artificial Intelligence and Data Science

Mr.Vipin V is pursuing full time Ph.D in "Skin Cancer detection using Deep Learning" at NIT Puducherry.

Department of Computer Science and Engineering

1. Prof. Deepu Job is pursuing Ph.D in Web Security at CUSAT.

2. Prof. Jeena Thomas is pursuing part time PhD in Computer Vision at IIITK.

3. Prof. Alphonsa Johny, is pursuing part time Ph.D Admission (Part-time) under KTU during the academic year 2020-2021

Department of Electrical and Electronics Engineering

1. Mr. Anoopraj M.R. pursuing full time Ph.D at RIT, Kottayam

2. Mr. Jojin Thomas pursuing full time Ph.D at N.I.T. Puducherry

3. Ms. Tissa Tom pursuing full time Ph.D under QIP Scheme at RIT, Kottayam

4. Ms. Shiny K.George pursuing full time Ph.D under QIP Scheme at RIT, Kottayam

Department of Electronics and Instrumentation Engineering

1. Prof. Jiss Mohan K is pursuing a part-time Ph.D in VLSI at SJCET,Palai

Master of Computer Applications

Fr. Jeethu Mathew is pursuing Full time PhD course in BDU, Trichy

EXTENSION OF ACTIVITIES

Department of Civil Engineering

1. Dr. K J George, Prof.Thomaskutty Mathew, Er. Deepak Tom Babu, Ann Mary, Anu Joseph, Aida Therese Joseph, Sreelal S, AnupKuruvilla, Akash K B, Judson Benny and Mahin Ali of S7 CE conducted CBR Test, Home Interview survey and Traffic Volume study for the KIIFB funded project 'Conducting CBR test and Traffic surveyfor Koottanalkadavu Regulator cum Bridge in Bharananganam Panchayat of Kottayam District' in March 2022.

2. Prof.Thomaskutty Mathew, Ms. Ligi Simon and Mr. Shajimon Thomas were involved in the Bituminous concrete mix design of the project titled 'Improvement of Idinjamala-Companypadi Road in ErattayarGrama Panchayat in Idukki district' under Rebuild Kerala Initiative-LSGD in May 2022.

3. Prof.Manish Jose has undertaken the quality assurance for the works done under 'Rebuild Kerala' in Mulamattom (Ellapalli- ThottamBhagam Road in Arakulam Panchayat), Rajakkadu (Panachikuzhy Road in Rajakadu Panchayat), Thopramkudy(FactorypadiKarintharuvi road in Upputhara Panchayat)and Kattapana (Perikkankavala-Kollamkulambadi-Kaikavala Road in Vathikudy Panchayat) in Idukki district.

Master of Business Administration

1. Philanthropic corporate social responsibility initiative of SJBS -18.03.2022: A visit to Mariyasadanam Psychosocial Rehabilitation centre by S2MBA students 2021-22 batch

FROM THE ALUMNI

Department of Electrical and Electronics Engineering

Jinto Joji
2018-22 Batch
Department of Electrical and Electronics Engineering

When I finished my high secondary education,I thought where to pursue my bachelor's degree. I opted for engineering. Next question was where to join? Then my eyes struck to an advertisement in the newspaper which "St. Josephs College of Engineering and Technology , A College With A Difference". Of course, it is a college with a difference when it comes to its environment-friendly campus and the atmosphere for a student who has the charisma to learn about current technology and to be a part of it as engineers. The college had all the facilities from medical to educational facilities which helped in bringing a skilful engineer as it's product. We had 3 canteens for refreshments and for small talks. During my studies here, I got many kind and helpful friends. There were cultural events like Sargam and Tech-Fest "Asthra".Even during the Covidpandemic ,with the support of the management the cultural event was well organized.

Now talking about the faculty members and the Department, they were supportive and encourage students to push boundaries to rise above expectations. They not only taught the subjects but also enlighten students with moral ethics needed by an engineer. When it comes to hostel , the environment here is well established for studying and has good net connectivity for online studies. The library is filled with plethora of technical books needed, also having newspapers and technical magazines. Placement cell in the college equipped us with knowledge and skill to get placed in well renowned companies. It was a wonderful experience at SJCET with an excellent exposure provided across the various platforms. SJCET targets for an overall development of every student, be it education, cultural awareness or practical exposure.

f

SJCETPALA

Instagram

sjcetpalai

YouTube

SJCETPALAI

Twitter

SJCET_PALAI

SJCET
PALAI