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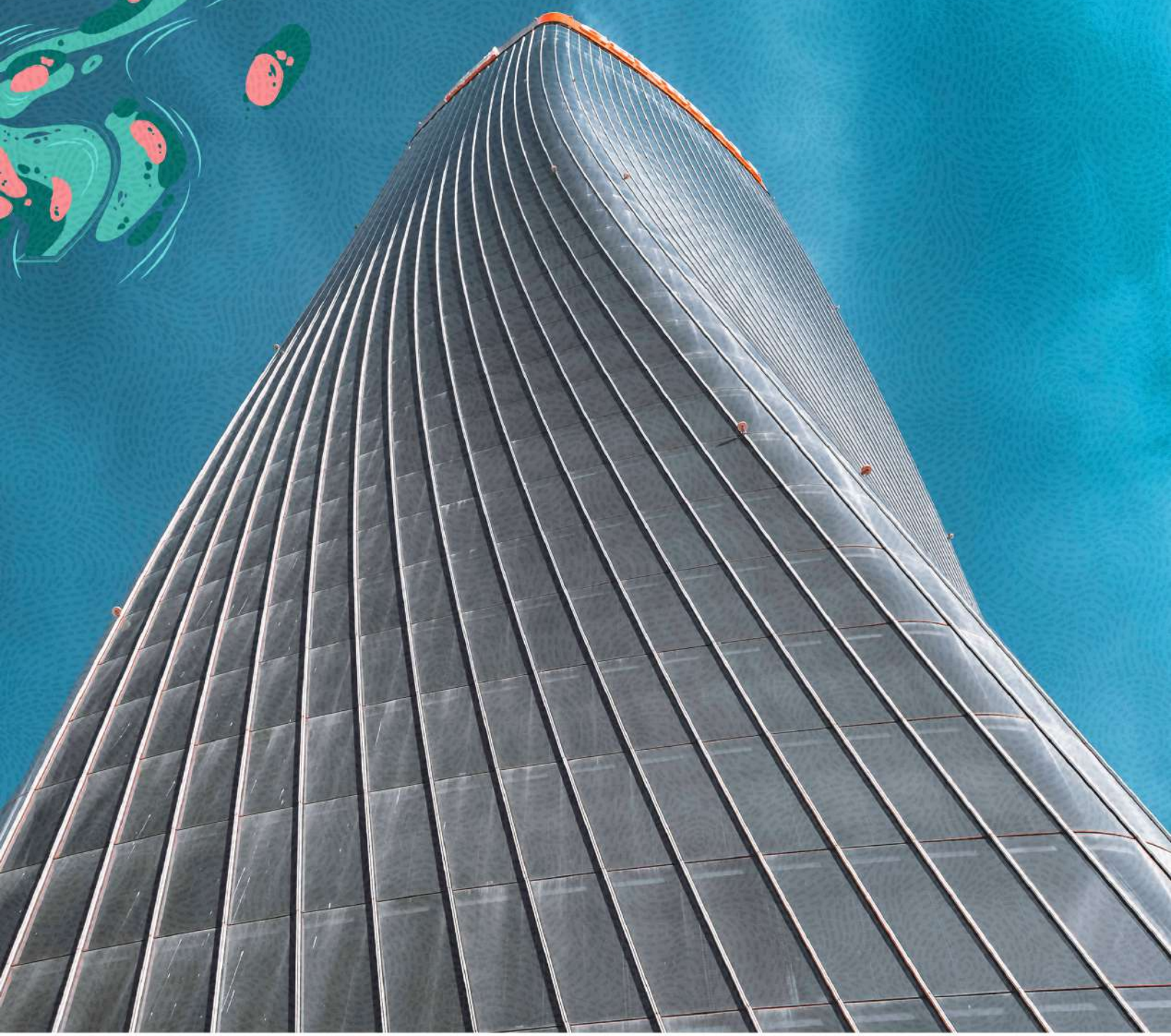


ST. JOSEPH'S
COLLEGE OF ENGINEERING
AND TECHNOLOGY,
- PALAI -

OWNED & MANAGED BY THE CATHOLIC DIOCESE OF PALAI | AN ISO 9001 : 2015 CERTIFIED COLLEGE | APPROVED BY AICTE
AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM

thenewsletter

JULY - DEC 2021

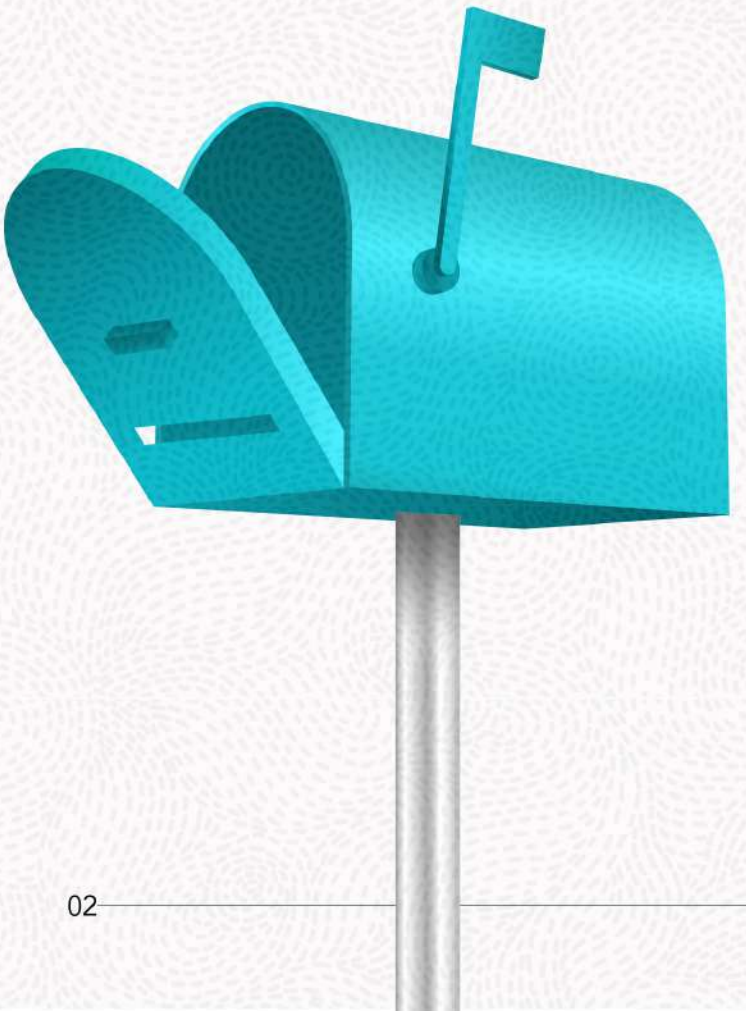
VISION

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.

The News, Delivered.



NEWS FROM FACULTY

PAPERS PRESENTED / PUBLISHED / ACCEPTED

Department of Civil Engineering

Research Paper Published

1. Prof. Ance Mathew, HOD, Department of Civil Engineering and her co-author has published the paper tilted: "Experimental Investigation and Prediction on the effects of glass and bamboo fibers as key parameters in reinforced concretes using support vector regression." in the journal Structural Concrete, the official journal of the International Federation for Structural Concrete.

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, 2022, page no: 153-176, https://doi.org/10.1007/978-3-030-80928-7_7

2. 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, 2022, page no. 81-102, https://-doi.org/10.1007/978-3-030-80928-7_4

3. Prof. Anu V Kottath & amp; Prince V Jose, "DIBSM: Dominance on Incomplete Big data Using Scoring method" Lecture Note on Data Engineering and Communications Technologies, Springer,(Scopus Indexed), 2021 vol 59, ISSN 2367-4512

4. Prof. Mereen Thomas Vadakkel, "WEBSKOOL- Integrated Platform for Online Education", in International Research Journal of Engineering and Technology, Volume 8, Issue 6, July 2021, e-ISSN: 2395-0056.

5. Bino Thomas & et al, published paper " "Encryption And Decryption Of Big Data Streams Using Lightweight Asymmetric Method In WSN" in & quot; Journal of Emerging Technologies and Innovative Research & quot; An International Open Access, Peer-reviewed, Refereed Journal, ISSN: 2349-5162 on 09th July 2021.

6. Amal Sebastian, Aftab Nihar, Remya Raju, S. Nikhit, Lija Alex and Praseetha V. M, "VR Kerala – An Integrated Tourism Application", International Journal of Innovative Science and Research Technology (IJISRT). Volume 6, Issue 7, 1296-1303, July 2021.

7. Athira M. Nair, Chrissie M. Aldo, Blessil Bose, Alex Joseph and Praseetha V. M. "Handwritten Character Recognition using Deep Learning in Android Phones", International Research Journal of Engineering and Technology (IRJET). Volume 8, Issue 7, 61-66, July 2021

8. Prof. Sarju S published a paper titled "Fake News Detection using Custom Ensemble Algorithm" has been Accepted for Journal Publication in "Journal of Emerging Technologies and Innovative Research" An International Open Access, Peer-reviewed, Refereed Journal, ISSN: 2349-5162 0n 5th July 2021.

9. Prof. Prince V Jose, published a paper entitled "DIBSM: Dominance on Incomplete Big Data Using Scoring Method" Springer, volume 59 pp 1-12, 2021, Scopus.

10. Dr. Praseetha V M published a paper titled "Crime Prediction and Analysis using Big Data" in "Journal of Emerging Technologies and Innovative Research", An International Open Access, Peer-reviewed, Refereed Journal, ISSN: 2349-5162 on 5th July 2021.

11. Prof. Bino Thomas published a paper titled "Encryption And Decryption of Big Data Streams Using Lightweight Asymmetric Method In WSN" in "Journal of Emerging 1. Technologies and Innovative Research" An International Open Access, Peer-reviewed, Refereed Journal, ISSN: 2349-5162 on 05th July 2021.

12. Dr. Joby P. P published a paper titled "Emotion detection using facial expression recognition based on VGG16 network" in "Journal of Emerging Technologies and Innovative Research" An International Open Access, Peer-reviewed, Refereed Journal, ISSN: 2349-5162 on 05th July 2021.

13. Prof. Suma R published a paper titled "An Effective Method for Recognition of Facial Expressions from Occluded Images" in "Journal of Emerging Technologies and Innovative Research" An International Open Access, Peer-reviewed, Refereed Journal, ISSN: 2349-5162 0n 5th July 2021.

14. Prof. Prince V Jose, published a paper titled "Recent developments in cyber physical system" in IEEE Explore 2021.

15. Dr. Praseetha V M, Dr. Joby P P published a paper titled "Speech emotion recognition using data augmentation" in International Journal of Speech Technology, 2021

16. Prof. Kishore Sebastian published a paper titled "Computer Aided Detection o Lung cysts using Convolutional Neural Network (CNN)" in Turkish journal of Physiotheraphy and Rehabilitation, 2021.

17. Prof. Ashly Thomas published a paper titled "Ignis: Fire Detection and Mitigation System" in the International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 06, June 2021

18. Prof. Ashly Thomas published a paper titled "IOT Assisted Electronic Device Controlling System" in the "Transactions on Innovations in Science & Technology", Volume.5, Issue.1, pp.189-19, 2021

Department of Electrical and Electronics Engineering

1. Ginu Ann George, International conference on smart energy and advancement in power technologies "An improved regenerative braking and drive cycle analysis of BLDC motor for electric vehicle using fuzzy logic" organised by NIT, Jamshedpur, Sept. 2021

Department of Mechanical Engineering

1. Dr. Jeeno Mathew, Asst. Professor, Dept. of ME has published a paper on A Mathematical and Heuristic Approach for Scheduling Repetitive Projects in a Bi-Objective Single Crew Model.

2. Dr. B Girinath published a paper in an International Journal Simulation entitled, A modified version of Matlab application window for predicting the weld bead profile and stress strain plot of AA5052 CMT weldment using ER4043, by Sage publications.

Master of Computer Applications

1. A comparative study of Zero Knowledge Proof and Homomorphic Encryption in Guaranteeing Data Privacy in Block chain Applications, MS. Liz George, International Journal of Advanced Research, Volume 9, 2 Feb 2021

2. Scrutinizing the Progress of Homomorphic Encryption Scheme in guaranteeing Data Privacy Ms. Liz George

International Journal of Innovative Science & Research Technology', Volume 6,1, Jan 2021

3. A Review on DoS Attacks in IoT ,Fr. Jithu Mathew Solid State Technology, 2020, 30 Dec 2020

Master of Business Administration

1. A research paper was published by Dr. Ajith K. Thomas (Professor & Head, St. Joseph's Business School) and his co-authors, titled "The role of switching cost in the e-service recovery framework among banking customers" in the International Journal of Quality and Service Sciences. This journal is an ABDC 'B' and Q1 in Scopus, with an SJR of 0.47.

2. Dr. Suma Mathew published a paper - "A Study on the Consumer Behaviour towards Email Marketing" in the International Journal of Scientific Development and Research - IJSDR, Volume 6, Issue 7, July-2021.

NEWS FROM DEPARTMENTS

Department of Civil Engineering

1. ASCE STUDENT CHAPTER

The Resource Person Dr.Kishore Pankan PhD, MBA, A.M.ASCE, Managing Director, Habilete Learning Solutions Pvt. Ltd, led a class on ASCE student Chapter for seventh semester students on 01st November 2021.The Introductory session was initiated by a welcome address of Ms. Ance Mathew, Head of the Department, Department of Civil Engineering. The session was then handled by the speaker regarding the detailed review on ASCE activities. The session was then concluded with a vote of thanks by Ms. Neethu Joseph, Assistant Professor, Department of Civil Engineering

2. CIVIL ENGINEERING ASSOCIATION(CEA)

Building Information Modelling

Civil Engineering Association (CEA) of Department of Civil Engineering, SJCET Palai organized a webinar on 'BUILDING INFORMATION MODELING' by Mr. Madhav Sreekumar (Technical Consultant in Bexel India Consulting) and Ms. Lakshmi N Suresh (Marketing and Strategy Manager in Bexel India Consulting) on 13th November 2021 at 1:30 pm, for the students of The Civil Engineering Department

Seminar on Professional Ethics

Civil Engineering Association (CEA) of Department of Civil Engineering, SJCET Palai organised a seminar on Professional Ethics for seventh semester students on 11th November 2021.The resource person was Mr. Babu Sankar, Assistant Professor, Department of Mechanical Engineerig, SJCET Palai.

Demonstration of the working of Fire Fighting Equipment

Civil Engineering Association (CEA) of Department of Civil Engineering, SJCET Palai organised a fire and safety awareness class "Demonstration of the working of Fire Fighting Equipments "on 11th November 2021 for seventh semester students. The resource person was Mr. Jameskutty Zacharias, Department of Mechanical Engineering, SJCET Palai demonstrated the working of the firefighting equipment and hands on session were given to the students.

3. IN-HOUSE PRACTICAL SESSIONS

A practical session on Total station by Lab Instructor Mr. Joby George, Survey lab-in-charge

A practical session on Total station was organised for the final year B. Tech students on 26/10/2021 in order to enhance their practical skills in modern surveying equipment. The class was taken by Mr. Joby George, Survey Lab Instructor.

A practical session on Bitumen Extraction by Lab instructor Ms. Ligi Simon, Concrete lab-in-charge

practical session on Bitumen extraction was organised for fifth semester B. Tech students on 03/12/2021 at Transportation Engineering Lab, Department of Civil Engineering. The class was taken by Ms. Ligi Simon, Lab-instructor.

4. WEBINAR CONDUCTED

Department of Civil Engineering in association with CEA, SJCET Palai organised a Webinar on" LIFESTYLE DISEASES" for Second- and Third-year Civil Engineering students on 26th November 2021 at 2:30 pm

Resource Person: Dr.Divya Roy (MBBS,DNB Family Medicine)
Webinar Platform: Google Meet

Department of Computer Science & Engineering

1. One week online Faculty Development Programme on Practical Data Science - from 19.07.2021 to 23.07.2021, organized by Department of CSE, SJCET, Palai Sponsored By, APJ Abdul Kalam Technological University.

2. International Conference on IoT Based Control Networks & Intelligent Systems-ICICNIS 2021

3. INSIGHT SUMMIT 2021, IEDC 6TH-10TH SEPT 2021, Educators Summit for faculty members of SJCET Palai.

4. IEDC SUMMIT 2022, IEDC 4TH-5TH MARCH 2021, Educators Summit at SJCET Palai.

5. Sargam / Arts Fest, Sports Fest, on 28/4/22- 30/4/2022 at SJCET Palai.

6. Tessaract'22, IEEE Event on 13/5/2022- 14/5/2022 at SJCET Palai.

7. Asthra' 22, TechFest 2022, organised by SJCET on 20/5/2022-21/5/2022.

Department of Electronics and Communication Engineering

1. The department of ECE under the department student association ECSA conducted an online expert talk on "Security in Social Media" on 12th June 2021

2. The department of ECE under the department student association ECSA conducted an online Idea competition " n-Cov IDEA ! " for 12th standard students on 15th June 2021

3. The department of ECE has organized KTU Sponsored in " AI &DS: A pedagogical approach " from 9th to 13th August 2021. There were about 50 + external participants that has been a part of this workshop from various colleges across the state.

Department of Electrical and Electronics Engineering

1. Prof. P.V.Varkey conducted a webinar on the topic "Quality Assessment of Transformer-Climate Impact" for the public organized by CET Alumni Association on 21/12/2021.

1. Prof. P.V.Varkey conducted a webinar on the topic "Testing of transformers with special reference to Type test and Routine test" for the public organized by Electrical Inspectorate Engineers Association on 25/05/21.

2. EEE department of SJCET organised a Technical Talk on the topic "Market Yourself" on 03-08-21 for EEE students.

3. EEE department of SJCET organised a Training Programme on "Introduction to Electronic Communication" from 07-10-21 to 09-10-21 for 2018-22 batch EEE students.

5. S7 EEE students visited 110kV Substation on 21st November 2021.

Department of Mechanical Engineering

1. On 11th October 2021 Department of Mechanical Engineering exchanged Memorandum of Undertaking with Sea Blue Shipyard Ltd. Sea Blue Shipyard Ltd. is one of the biggest ship repairs in this part of the country. This association provides students of Mechanical Engineering with an orientation on ship building and repairs, life at sea and working of a ship which itself is a self-reliant system.

2. On 26th September 2021 Forty Five Students of Mechanical Engineering Department certified in Quality Assurance and Quality Control through in-house job oriented certification programme.

3. On 2nd September 2021, a MoU has been signed with Polymer Kerala Pvt. Ltd. Polymer Kerala Private Limited (a subsidiary of Lunar Rubbers) which manufactures and markets rubber and polymer products. They have manufacturing bases in several States. The Company has agreed to support the B.Tech (ME) & MBA students in their internships, projects and Industrial visits.

4. On September 1st, launch of The International Conference website on Artificial Intelligence and Energy Systems (AIES 2021) was performed. Website launched by our Chairman Msgr. Dr. Joseph Maleparambil.

5. On 31st August 2021, a MoU with Jocyt Aerospace Ltd. Jocyt Aerospace Ltd, Thodupuzha, is into the business of manufacturing high precision components for rockets made by ISRO as well as for other Defence establishments. They have agreed to support our B.Tech (ME) in their internships, projects and Industrial visits.

6. On 4th of August Department of Mechanical Engineering entered into a strategic technological alliance with Glenrock Rubber Products Pvt. Ltd. - An alliance which offers exposure to production floor, interaction with professionals and assimilate a corporate life.

7. Dept. of Mechanical Engineering, St. Joseph's College of Engineering and Technology, Palai has signed MOU with Steel India Palai. This MOU will help our students to design and develop products relevant for the market.

Master of Computer Applications

1. The inaugural ceremony of KTU 2021 batch MCA was conducted on 19-Oct-2021.

2. Department conducted a one-week orientation programme for MCA aspirants to prepare for the MCA LBS Entrance examination.

3. The inaugural ceremony of KTU 2021 batch MCA will be conducted on 28-May-2022.

Master of Business Administration

1. Ms. Nimmy George and Mr. Binso P. John presented a paper on "Millennial Approach to Blended Study: A Study on the Effectiveness of E- learning Mode" at the 17th International conference on 'Management Strategies: Retrieval, Resilience & Remodelling in a Post- COVID World' organized by the Department of Management Studies, JIMS and published the paper in International Journal for Scientific Research and Development (IJSRD), Volume 9, Issue 5, on August 2021.

2. A five-day Value-Added Course on 'Entrepreneurship Development' was conducted in association with the Directorate of Industries and Commerce, Government of Kerala, from 29th July,2021 to 2nd August,2021. Ms. Lauly M.V. (General Manager, DIC Kottayam) organised various resource persons from District Industries Centres across Kerala.

3. A corporate interaction on "Employability of an MBA Graduate" was conducted for the MBA batch 2021-2023 on 11th October, 2021, wherein Mr. John MK, Facility Lead - Administration, Tata Consultancy Services, Kochi, suggested them ways to become corporate ready in the next one and a half years.

4. A virtual onam celebration was organized on 18th August 2021 by the 2020-2022 batch. The chief guest for the program was Col. (Dr.) P.S. James. The celebration included several programmes like onam songs, dance, preparation of an 'onasadya' and other activities such as 'guess the song' and 'just a minute'.

5. A radio drama telecast was organized by St. Joseph's Business School on 12th October 2021. The telecast was done online for about 2 hours and 50 minutes. The commentary, direction, and support were offered by Dr. Ajith K. Thomas. Freshmen were introduced to the world of business, business terms & parlance used in business. They were also allowed to interact based on business cases to learn about handling business situations and making decisions.

6. Merit Day of the 13th MBA batch (2018-2020) of St.

St. Joseph's Business School was conducted on 3rd November 2021. Mr. Vishal Thomas was awarded the best outgoing student award & the best achiever award. Ms. Aranya S. Dileep was awarded the top scorer award and Ms. Jasmine Jose was awarded the best finance student award, in the function.

7. The 16th MBA batch of St. Joseph's Business School (2021-2023) was inaugurated on 3rd November 2021. Ms. Shiney Sebastian, Cdr. Maxie Jose and Mr. Sam Krishnan were keynote speakers at the event.

8. A training on 'Reapproaching the goals- Creatively, Critically, and Positively', by Dr. Babusanker Sunderraj was held on 14th November 2021.

9. A three-day Annual Conference was organized on "Jumpstart Your Career" from 17th November 2021 to 19th November 2021. The Conference was designed & organized specifically to step back from our day-to-day demands and activities, for an extended period of concentrated discussion, dialogue, and strategic thinking about our future and about specific ideas important to us. The event featured alumni, scientists, corporates, organizational psychologists, trainers, business & life skills coaches, and strategic consultants.

10. Online training on the J-Gate One platform was conducted on December 6th to help the students to discover all scholarly e-journal literature in Management.

ACADEMIC ACHIEVEMENTS (STAFF MEMBERS)

Department of Civil Engineering

KSCSTE Gold Prize Winners

B. Tech. Project Titled: "IoT-based Module for Water Optimisation in Farms", project from the Department of Civil Engineering has achieved a gold prize in the State - level TECHFEST -2021, organised by KSCSTE, guided by Associate Professor Fr. Dr. Bennet Kuriakose.This project weighs ondeveloping a novel device to monitor water levels in paddy fields at various times and alerting farmers using IoT system to schedule their crop calendar with proper irrigation practices. Adoption of real-time field monitoring using LoRa technology enables farmers to know the conditions of the field beforehand and take necessary steps to increase or decrease water levels accordingly.

Department of Computer Science & Engineering

NPTEL

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

2. Dr. Sruthy S have Completed the NPTEL certification on "Big data computing" 8-week course from Aug-Oct 2021.

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

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

5. Dr. Praseetha V M - Successfully completed 8 weeks NPTEL Online Certification on Machine Learning Feb-Apr 2021.

6. Prof. Reby John, Assistant Professor, Department of CSE have qualified in UGC-NET, Assistant Professorship (December 2020 & JUNE 2021).

7. Prof. Angitha George- Successfully completed the NPTEL certification on "Machine Learning" 8 week course from Feb-April 2021.

8. Prof. Smitha Jacob - Successfully completed the NPTEL certification on "Cloud Computing and Distributed Systems" 8 week course from Jan-Mar 2021.

9. Prof. Divya Sunny - Successfully completed the NPTEL certification on "Machine Learning" 8 week course from Feb-April 2021.

10. Prof. Mereen Thomas Vadakkel - Completed the NPTEL certification on "Cloud Computing and Distributed Systems" 8 week course from Jan-Mar 2021.

11. Prof. Alphonsa Johny - Successfully completed the NPTEL certification on "Data Science for Engineers" 8 week course from Jan-Mar 2021.

12. Dr. Praseetha V M - Successfully completed 12 weeks NPTEL Online Certification on Constitutional Studies Sep-Dec 2020.

13. Prof. Ashly Thomas - Successfully completed the NPTEL certification on "Big Data Computing" 8 week course from Sep-Nov 2020.

Oracle Academy

1. Prof. Sarju S. - Completed Database Foundations Course Conducted Oracle Academy on 14th May 2021

2. Prof. Smitha Jacob - Successfully completed the online certification on "Java Programming" by Oracle Academy by 12th May 2021.

Events Organized/others

1. Prof. Maria Yesudas, Awarded certificate of participation 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, 27.12.2021 to 01.01.2022.

2. Prof. Maria Yesudas, Awarded certificate of participation

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 17.03.2022 to 19.03.2022.

3. 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 to 19th march 2022.

4. Prof. Reby John, Attended AICTE/ISTE approved Orientation/Refresher Programme on Outcome Based Education in Professional Institutions organized by the St Joseph's College of Engineering and Technology Palai from 27-12-2021 to1-1-2022.

5. 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 21 March 2022 to 25 March 2022.

6. Dr. Sruthy S have Delivered a lecture on Image Processing on March 08, 2022 organized by the Department of Computer Science in association with the Internal Quality Assurance Cell of Mary Matha Arts & Science College, Mananthavady.

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

8. Dr. Sruthy 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 Feb 2022.

9. Dr. Sruthy S, Completed the AICTE/ISTE approve Orientation/ Refresher Programme on "Advances in Cyber Security" held during 19th – 25th Jan 2022.

10. Dr. Sruthy S, Attended the e-workshop "Impact beyond successful publications: Methodology and ethical process" held during 15th and 16th Oct 2021 with GRAWW research and education.

11. Dr. Sruthy S, Completed the five day online FDP on "Machine learning using python" organized by Sree Buddha College of Engineering, Alappuzha during 18th - 22th Oct 2021.

12. Dr. Sruthy S, Completed NPTEL FDP on Big Data Computing, Aug-Oct 2021.

13. Prof. Dona Cherian, Awarded certificate of participation in 5-day 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 21.03.2021 to 25.03.2022.

14. Prof. Dona Cherian, Awarded certificate of participation in 3-day Faculty Development Programme on "ARTIFICIAL INTELLIGENCE AND DATA SCIENCE" organized by Sree Narayana Gurukulam College of Engineering, from 17th to 19th march 2022.

15. Prof. Dona Cherian, Awarded certificate of participation in 4-day Virtual Faculty Development

16. Prof. Anu V kollath, Programme on "MODERN WEB APPLICATION DEVELOPMENT WITH MEAN STACK" organized by ICT ACADEMY OF KERALA, conducted FROM 05-JAN-2022 TO 10-JAN-2022.

17. Prof. Anu V kollath, Participated one week KTU Sponsored FDP(Faculty Development Program) on Artificial intelligence and Data science organized by Rajagiri School of Engineering and Technology,Kochi from 08 to 12 February 2021.

18. Prof. Anu V kollath, Participated one Week FDP on Applications of Artificial intelligence and IOT in Engineering organized by college of Engineering ,Perumon from 01 to 06 February 2021.

19. Prof. Anu V kollath, Completed one week AICTE – ISTE approved FDP on Outcome based education in Professional Institutions organized by St. Josephs college of Engineering and Technology, palai held on 27 December 2021- 1 January 2022.

20. Prof. Anu V kollath, 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 21 March 2022 to 25 March 2022.

21. Prof. Anu V kollath, Completed IET Sponsored 3 days Training Program on " Virtual Reality and Augmented Reality " organized by Hindustan Institute of Technology and Science, Chennai held on 9 March 2022- 11 March 2022.

22. Prof. Anu V kollath, Completed 3 Day FDP on "Artificial Intelligence and Data Science" Organized by the Department of Computer Science & Engineering, Sree Narayana Gurukulam College of Engineering, From 17th to 19th March 2022.

23. Prof. Sharon Justine, 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, 21/3/2022-25/3/2022.

24. Prof. Thushara Sukumar Completed the 6-day AICTE-ISTE-approved FDP on "Outcome Based Education in Professional Institutions" held from 27-12-2021 to 01-01-2022 organized by SJCET, Palai.

25. Prof. Sharon Justine, Participated in the 3-day FDP on ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Organized by the Department of Computer Science & Engineering, Sree Narayana Gurukulam College of Engineering, from 17th to 19th March 2022.

26. Prof. Thushara Sukumar Participated in the 3-day FDP on ARTIFICIAL INTELLIGENCE AND DATA SCIENCE Organized by the Department of Computer Science & Engineering, Sree Narayana Gurukulam College of Engineering, from 17th to 19th March 2022.

27. Prof. Sharon Justine, participated in one day workshop on 'Ph.D.: Admission to Convocation' on 16/1/2022 organized by Educorp Center for Research and Advanced Studies Pvt. Ltd.

28. Prof. Mereen Thomas Vadakkel, Participated in the sponsored AICTE Training and Learning (ATAL) Academy

29. Prof. Mereen Thomas Vadakkel, Online FDP on "Data Sciences" from 18 th to 22nd Jan 2021.

30. Prof. Mereen Thomas Vadakkel, Participated in the sponsored AICTE Training And Learning (ATAL) Academy Online FDP on Blockchain from 22 nd – 26 th February 2021.

31. Prof. Mereen Thomas Vadakkel, Successfully completed an NPTEL 8 week's course on Cloud Computing and Distributed Systems in March 2021.

32. Prof. Mereen Thomas Vadakkel, Participated in the KTU Sponsored 5 days online FDP on Practical Data Science from 19 th to 23 rd July 2021.

33. Dr. Praseetha V M, Participated in the FDP on Business Analytics and Data Science, at MEA Engg. College, 2021, 5 days.

34. Dr. Praseetha V M, Participated in the FDP on Deep Learning for Signal Processing - Basics to Implementation, at Sahrdaya College of Engineering and Technology, Kodakara, Thrissur, Kerala, 2021, 5 days.

35. Dr. Praseetha V M, Participated in the Two-day Awareness Workshop on Improving Research & Performance Outcomes, Elsevier, 2021, 5 days.

36. Dr. Praseetha V M, Participated in the Faculty Entrepreneurship and Educational Technology for the Knowledge Economy, Trinity College of Engineering, 2022, 1 day.

37. Dr. Praseetha V M, Participated in the IP Awareness/ Training program at Intellectual Property Office, India.2022, 1 day.

38. Prof. Angitha George, Participated in KTU sponsored FDP on Practical Data Science from 19 th July 2021 to 23rd July 2021.

39. 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 to 19th march 2022.

40. 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 21 March 2022 to 6 March 2022.

41. 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 19 January 2022 to 25 January 2022

42. Prof. Anna N Kurian, Attended Two-days Awareness Workshop on Improving Research & Performance Outcomes, organized by Elsevier, Researcher Academy On Campus, on August 31 and September 1, 2021.

43. Prof. Anna N Kurian, Participated in One Week Short Term Training Program, sponsored by AICTE on Next Generation Wireless Technologies: 5G and beyond organised by Department of Electronica and Communication Engineering, Indo Global College of Engineering, Abhipur, New Chandigarh, from 16 August to 21 August 2021.

44. Prof. Anna N Kurian, Participated in AICTE sponsored six days online STTP on Artificial Intelligence and Applications organized by the Department of Computer Science and Engineering, Marian Engineering College, Trivandrum, from 9 August to 14 August 2021.

45. Prof. Anna N Kurian, Attended Oracle Academy Faculty Day on August 10, 2021

46. Prof. Anna N Kurian, Primary Evaluator for Toycathon 2021, an inter-ministerial initiative organized by the Ministry of Education's Innovation Cell with support from All India Council for Technical Education, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of MSME, Ministry of Textiles and Ministry of Information and Broadcasting

47. Prof. Sarju S - Selected as a GitHub Campus programme administrator by GitHub on May 2021

48. Prof. Sarju S - Selected as the Secretary of IEEE Computer Socity Kerala Chapter.

49. Prof. Sarju S –Expert Talk Series on' Robotic Process Automation' on 14th August 2021, 3.00 pm-4 pm at MES Advanced Institute of Management and Technology.

50. Prof. Sarju S - Selected as a Microsoft Learn Programme Advisor on 3rd June 2021

51. Prof. Sarju S - Selected as an Evaluation Member of Young Innovators Programme 2020 by Kerala Development and Innovation Strategic Council (K-DISC) from 9th-20th June 2021.

52. Prof. Sarju S – Acted as an evaluation panel member for "The Final Year Project Award" in Software Stream powered by Genskill in association with IEEE Kerala Session.

53. Prof. Bino Thomas - Guided a project which won first prize in "The Final Year Project Award" in Software Stream powered by Genskill in association with IEEE.

54. Prof. Sarju S - Selected as a GitHub Campus Advisor by GitHUb on September 2020
Nominated by KTU as a Judge for Finastra International Hackathon 2020 on October 2020.

55. Dr. Praseetha V M - Coordinated five days Online Faculty Development Programme Learning Management System -Moodle from 10.08.2020 to 15.08.2020, organized by Department of CSE, SJCET, Palai.

56. Prof. Smitha Jacob - Selected as a KTU Syllabus Setter -2019 Regulation for three Computer Science & Engineering Subjects.

57. Prof. Bino Thomas - Organized webinar on "Introduction to Immersive Technology" in association with CSI Chapter of SJCET, Palai on 2nd January 2021.

58. Prof. Jibin Philip - Successfully completed one day webinar on "Statistical tools in Research" February 2021

59. Prof. Ashly Thomas - Got Ph.D Admission (Part-time) under KTU during the academic year 2020-2021

60. Prof. Alphonsa Johny - Qualified UGC-NET for JRF & Assistant Professorship in Computer Science & Applications (November 2020).

61. Prof. Bino Thomas - Organized a webinar on "UI/UX Design" in association with (CSI) Student Chapter of SJCET Palai on 3rd October 2020.

62. Prof. Bino Thomas - Provided hands-on workshop on "Zotero- a free and open-source reference management software" for final year B. Tech and M. Tech students of the CSE Department on November 14, 2020.

63. Prof. Bino Thomas - Organized a webinar in association with CSI students chapter for students of the CSE Department on the topic "Why contributing to the Open Source World would be better?" on Saturday 8th August 2020.

Department of Electronics and Communication Engineering

1. Asst. Prof Sabarinath G , Dept. of ECE attended KTU sponsored FDP on" AI & Data Science: A pedagogical approach " at SJCET,PALAI on 9/8/2021 to 13/8/2021

2. Asst. Prof Anu Jyothy, Dept. of ECE attended KTU sponsored FDP on" AI & Data Science: A pedagogical approach" at SJCET,PALAI on 9/8/2021 to 13/8/2021

3. Asst. Prof Sunitha S Pillai , Dept. of ECE attended KTU sponsored FDP on" AI & Data Science: A pedagogical approach " at SJCET,PALAI on 9/8/2021 to 13/8/2021

4. Asst. Prof. Rincy Merrin Varkey , Dept. of ECE attended KTU sponsored FDP on" AI & Data Science: A pedagogical approach " at SJCET,PALAI on 9/8/2021 to 13/8/2021

5. Asst. Prof Nitha M Biju , Dept. of ECE attended KTU sponsored FDP on" AI & Data Science: A pedagogical approach " at SJCET,PALAI on 9/8/2021 to 13/8/2021

6. Asst. Prof Manju James Dept. of ECE attended FDP on "Recent Advancements in Wireless Communication Technologies" at NSS College of Engineering, on 13.07.2021 to 17.07.2021.

7. Asst. Prof Manju James Dept. of ECE attended FDP on "Digital communication & communication networks " at IIT Bhubanewhsar, on 14/6/2021 to 21/6/2021.

8. Asst. Prof Shilpa Lizbeth George, Dept. of ECE attended KTU sponsored FDP on" AI & Data Science: A pedagogical approach " at SJCET,PALAI on 9/8/2021 to 13/8/2022

9. Asst. Prof Soya Treesa Jose, Dept. of ECE attended KTU sponsored FDP on" AI & Data Science: A pedagogical approach " at SJCET,PALAI on 9/8/2021 to 13/8/2022

10. Asst. Prof Soya Treesa Jose, Dept. of ECE attended FDP on" VLSI Architectures for Digital Signal Processing Systems " at National Institute of Technology Calicut on 14-18 June, 2021

11. Asst. Prof Anu Jyothy, Dept. of ECE attended FDP on" Outcome based education in professional institutions " at SJCET,PALAI on 27/12/2021 to 1/1/2022.

12. Asst. Prof Vijayalekshmi, Dept. of ECE attended FDP on" Outcome based education in professional institutions " at SJCET,PALAI on 27/12/2021 to 1/1/2022

13. Asst. Prof Shilpa Lizbeth George, Dept. of ECE attended FDP on" Mathematics for machine learning" at CET. Thiruvanthapuram on 30/6/2021 to16/7/2021

14. Asst. Prof Shilpa Lizbeth George, Dept. of ECE attended FDP on" Practical Data science" at SJCET,Palai on 1/7/2021 to 23/7/2021

15. Asst. Prof Shilpa Lizbeth George, Dept. of ECE attended FDP on" "Machine Learning and Computer Vision" organized by AICTE Training and Learning (ATAL) Academy on 5th-9th July 2021.

Department of Electrical and Electronics Engineering

1. Prof. P. V. Varkey is a Member of Syllabus Committee for "Electrical System Design", at APJ Abdul Kalam Technological University.

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

3. Ms. Ginu Ann George is a Convener of Syllabus Committee for "Real Time operating System", at APJ Abdul Kalam Technological University.

4. Mr. Tomson Thomas is a Member of Syllabus Committee for "Electrical Machine Design", at APJ Abdul Kalam Technological University.

5. Mr. Tomson Thomas is a Member of Syllabus Committee for "Energy Management", at APJ Abdul Kalam Technological University.

6. Mr. Jojin Thomas is a Member of Syllabus Committee for "Control Systems", at APJ Abdul Kalam Technological University.

Department of Electronics and Instrumentation Engineering

1. Ph.D. awarded to Mr. Nithin S S under the supervision and guidance of Dr. Padma Suresh, Noorul Islam University, Kanyakumari.

Department of Mechanical Engineering

1. On 18th August 2021 Mr. Jeeno Mathew, Asst. Professor Dept. of ME successfully completed his open defence and attained his Doctoral degree from Mahatma Gandhi University.

2. Mr. Dinu George has got financial support as Research Seed Money of Rs 1,10,000 from Centre for Engineering Research and Development(CERD), and APJKTU, Kerala.

3. On 4th September 2021, Dr. Jilse Sebastian, Associate Professor, Department of Mechanical Engineering has been selected as the Chairman of SAEINDIA Division Management Committee- Cochin.

Master of Computer Applications

1. Dr. Rahul Shajan approved as research supervisor in APJAKTU.(Oct 2021)

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

3. Ass. Prof. Liz George and Asst. Prof. Akhil Sekharan got admission for part time PhD in APJAKTU.(2020 admission)

4. Department conducted seminar on" Health Effect of Electromagnetic Radiation" in "M-Talk Series" by resource person Asst Prof . Sabarinath G,ECE,SJCET.(11/05/2022)

5. Department conducted a seminar on "Scientific Publications" in "M-Talk Series" by resource person Prof . Rajesh Baby, Research Dean,SJCET.(06/05/2022)

6. Department conducted a seminar on"Effective Utilization of E-resources" in "M-Talk Series" by resource person Mr. Justine Thomas Librarian, (Gr.1), SJCET. (25/04/2022)

7. Asst. Prof. Akhil Sekharan participated as spokesperson in the webinar on "Trends in webinar and cyber security" organized by Computer Application Department , Christ College, Idukki. (11-June-2021)

Master of Business Administration

1. Dr. Ajith K Thomas, Professor & Head and Dean, St. Joseph's Business School, is now an approved research guide under APJ Abdul Kalam Technological University, Kerala, for PhD in Management. The research areas include Marketing Management, Hotel Management, Services Marketing, B2B Marketing, Hospitality Management, Purchase Decision, and Channel Management.

2. Dr. Ajith K Thomas, Professor and Head of St. Joseph's Business School, was appointed by Antrix Corporation Ltd (a CPSU in the space domain under Department of Space, Govt. of India), Bangalore, as an external expert to audit the implementation partner for their CSR project in Kerala, for Wetland conservation programme.

3. Dr. Suma Mathew attended a 6-day FDP on "Data Driven Decision Making (3DM2021)" in National Institute of Technology Calicut, School of Management Studies, held from 3rd August - 8th August 2021.

4. Dr. Suma Mathew was a guest speaker for a KTU sponsored 5-day FDP organized by Jawaharlal Business School, Nehru Group of Institutions, Palakkad on "Trends and Challenges in Digital Business Innovation", held from 26th July to 30th July 2021.

5. Prof. Meera Kuncheria has participated in a 6 days Faculty Development programme on "Goods and Service Tax" organised by Institute of Chartered Accountants of India, (ICAI, Ernakulam Branch), held from 9th August to 14th August 2021.

6. Prof. Meera Kuncheria attended a 1-day International Finance Conclave titled "Fin Tech: Digital Transformation in the pandemic Era", organised by CMS Business School, JAIN (Deemed-to-be University), held on 31st July 2021.

7. Prof. Elma Joseph attended a five days FDP on "Trends and Challenges in Digital Business Innovation" organized by Jawaharlal College of Engineering and Technology, Palakkad, held on 26th July to 30th July, 2021.

8. Dr. Ajith K. Thomas, Professor and Head, St. Joseph's

Business School, conducted a workshop on "Un-conscious Mistakes Women make that may Sabotage their Professional Career" for St. Teresa's College, Kochi, on 8th October 2021, and 185 girl students benefitted from the program.

9. Dr. Joseph Purayidathil attended 11 UGC sponsored webinars of UGC/HRDC-Gujarat University on different topics from 15th to 28th December 2021.

STUDENT ACHIEVEMENTS

Department of Civil Engineering

Students of Dept. of Civil Engineering - Basil Philip Issac, Amal Nelson, Akhila Maria Benny and Rohin Kurien Saji, mentored by Fr. Dr. Bennet Kuriakose won the Gold Prize with a Cash Award of `25,000, in the TECHFEST - 2021 organised by the Kerala State Council for Science, Technology and Environment (KSCSTE).
Project Name: "IoT - based Module for Water Optimization in Farms".

Department of Computer Science & Engineering

1. Ms. Anna Thomas, S4 CSE is being selected as the UIPath (A Global Software Company for Robotic Process Automation headquartered in New York City) Student Developer Champion. A maiden group of 82 Champions represent diversity in many ways including geography; champions come from 5 Countries- India, Indonesia, Nepal, Singapore and Sri Lanka.

2. Christy Varghese, Hanna Elsa Reni George, Amal Anto and Jiya George under guidance of Prof. Bino Thomas, won First prize in Final year project awards organized by Genskill and IEEE for their project 'TeachAR'.

3. Justin Johny, Johan Issac, Felix V James and Athira Gopinath under guidance of Prof. Mereen Thomas, won second prize in Final year project awards organized by Genskill and IEEE for their project 'Webskool'.

4. Aishwarya Michael, Anandu R and Kennith Feryl Philip under guidance of Prof. Smitha John, have presented the paper Automated Bus Scheduling and Travel Companion in the 2nd round of 10th CSI-InApp Internatonal Student Project Awards 2021 held between 19th and 20th June 2021.

5. Alex Joseph, Chrissie Aldo, Athira M Nair and Blessil Bose have presented the project Handwritten Character Recognition System using Deep Leaning in Android Phones in the 2nd round of 10th CSI-InApp International Student Project Awards 2021 held between 19th and 20th June 2021.

Department of Electrical and Electronics Engineering

1. Mr. Samrat Pradeep of 2018-22 batch is the student coordinator of RADIO community SJCET, Palai. He has got "Amateur wireless station licence", from Department of Telecommunications, Gov. of India.

Department of Mechanical Engineering

മെഗാ എടിവി മത്സരത്തിൽ പാലാ സെന്റ് ജോസഫ്സ് എൻജിനിയറിംഗ് കോളജിനു മികച്ച നേട്ടം

ദീപിക Wed, 21 April 2021 https://epaper.deepika.com/c/59932754

Master of Computer Applications

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

BID ADIEU (STAFF MEMBERS)

Department of Computer Science & Engineering

1. Dr. Gemini George of Computer Science and Department also bid farewell to this institution on 6th August 2021 after rendering 1 years and 1/2years of commendable service respectively.

2. Prof. Prince Abraham of Computer Science and Department also bid farewell to this institution on 31th October 2021 after rendering 2 years of commendable service respectively.

Department of Electrical and Electronics Engineering

3. Ms. Lallumol K. Johny of Electrical & Electronics Engineering Department bid farewell to this institution on 30th December2021 after rendering 8years of commendable service.

Master of Computer Applications

1. Dr. Soumya George (August 2021)

NEWLY JOINED FACULTY

Department of Civil Engineering

1. Ms. Minna Roselin Cherian
(Post graduated from MA College of Engineering, Kothamangalam and worked at BTC College of Engineering , Koothattukulam)

2. Mr. Thomaskutty Mathew
(Post graduated from RIT, Kottayam and worked at KSCTE-NATPAC)

Department of Computer Science & Engineering

1. Ms. Reby John joined on 1/11/21
2. Ms. Sharon Justine joined on 1/11/21
3. Ms. Anu Kottah joined on 1/11/21
4. Ms. Thushara Sukumar joined on 1/11/21

CONFERENCES /SEMINARS AND TRAININGS

Department of Civil Engineering

1. Ms. Ance Mathew attended 5-days online FDP in Advancement in Geotechnical Engineering -AGE 2021 organized by department of Civil Engineering, NIT Calicut, 22nd-26th November 2021

2. Mr. Manish Jose attended 5-days online FDP in Design Thinking and Creativity for innovation organized by department of Civil Engineering, NSS College of Engineering, Palakad

3. Mr. Austin T Sabu attended 5-days AICTE Training & Learning sponsored online FDP in Geomechanics for Structural Engineers organized by department of Civil Engineering, Saintgits College of Engineering, Kottayam, 01st-05th December 2021

4. Ms.Deepa Joseph attended 5-days AICTE-ISTE approved orientation programme in Outcome based education in professional institutions organized by St. Joseph's College of Engineering & Technology, Palai, 27th December 2021 -01st January 2022

5. Ms.Neethu Joseph attended 5-days AICTE-ISTE approved orientation programme in Outcome based education in professional institutions organized by St. Joseph's College of Engineering & Technology, Palai, 27th December 2021 -01st January 2022

6. Ms.Asha Alice Kulavattom attended 5-days AICTE-ISTE approved orientation programme in Outcome based education in professional institutions organized by St. Joseph's College of Engineering & Technology, Palai, 27th December 2021 -01st January 2022

7. Ms.Minna Roselin Cherian attended 5-days AICTE-ISTE approved orientation programme in Outcome based education in professional institutions organized by St. Joseph's College of Engineering & Technology, Palai, 27th December 2021 -01st January 2022

8. Mr.Thomaskutty Mathew attended 5-days AICTE-ISTE approved orientation programme in Outcome based education in professional institutions organized by St. Joseph's College of Engineering & Technology, Palai, 27th December 2021 -01st January 2022

Department of Electronics and Communication Engineering

1. Asst. Prof Shilpa Lizbeth George, Dept. of ECE attended FDP on" "Leadership Excellence for Academic Development(LEAD)-Elementary" organized by AICTE Training and Learning (ATAL) Academy on 12th-16th July 2021.

2. Asst. Prof Shilpa Lizbeth George, Dept. of ECE attended FDP on "Artificial Intelligence and Applications" organized by AICTE Sponsored 6 days online STTP conducted by Department of CSE, Marian Engineering College, Kazhakuttamon on 26/07/2021 to 31/07/2021.

Department of Electrical and Electronics Engineering

1. Ms. Ginu Ann George successfully completed a NPTEL course on "Accreditation and Outcome based Learning" on September 2021.

2. Ms. Ginu Ann George attended five day AICTE Sponsored FDP " Power Electronics for Power Systems" conducted by RIT, Kottayam from 6th to 10th December 2021.

3. Ms. Elizabeth Alphonsa Jose attended one week Online FDP on " Power Converters – An Embedded Systems Based Approach" from 22/07/2021 to 28/07/2021 conducted by FISAT, Angamaly.

4. Ms. Mr. Tomson Thomas attended five day AICTE Sponsored FDP " Power Electronics for Power Systems" conducted by RIT, Kottayam from 6th to 10th December 2021.

5. Mr. Tomson Thomas successfully completed a NPTEL course on "Accreditation and Outcome based Learning" on September 2021.

6. Ms. Divya James attended one week Online FDP on " Power Converters – An Embedded Systems Based Approach" from 22/07/2021 to 28/07/2021 conducted by FISAT, Angamaly.

7. Mr. Liju Mathew R. attended five day Online STTP on "Potential areas in renewable technologies and grid interaction" from 8/11/21 to 12/11/21 conducted by GEC Trissur.

8. Ms. Don Cyril Thomas five day AICTE Sponsored FDP " Power Electronics for Power Systems" conducted by RIT, Kottayam from 6th to 10th December 2021.

Department of Electronics and Instrumentation Engineering

1. Prof. Rashmi Annamma George participated in the Faculty Development Programme on "Quantum Computing" organized by the Indian Institute of Information Technology, Kottayam from 12th to 17th July 2021sponsored by ATAL Academy.

2. Prof. Rameesamol J participated in the ATAL Faculty Development Programme on "Quantum Computing" organized by the Indian Institute of Information Technology, Kottayam from 12th to 17th July 2021 ATAL Academy.

3. Prof. Rameesamol J successfully completed the Massive Open online course on Introduction to Machine Learning Conducted by IIT, Madras during July -October 2021.

4. Prof. Rashmi Annamma George successfully completed the Massive Open online course on Introduction to Machine Learning Conducted by IIT, Madras during July 2021-October 2021.

5. Prof. Rashmi Annamma George participated in the Online short-term Programme on "Advanced Techniques of Material Characterization for Research" organized by the Dr B R Ambedkar National Institute of Technology Jalandhar, from 25th to 29th October 2021.

6. Prof. Rameesamol J participated in an Online short-term Programme on "Advanced Techniques of Material Characterization for Research" organized by the Dr B R Ambedkar National Institute of Technology Jalandhar, from 25th to 29th October 2021.

7. Prof.Al Saheer S S participated in an Online short-term Programme on "Advanced Techniques of Material Characterization for Research" organized by the Dr B R Ambedkar National Institute of Technology Jalandhar, from 25th to 29th October 2021.

8. Prof. Jiss Mohan K participated in the Online short-term Programme on "Advanced Techniques of Material Characterization for Research" organized by the Dr B R Ambedkar National Institute of Technology Jalandhar, from 25th to 29th October 2021.

9. Dr Nithin S S participated in the Online short-term Programme on "Advanced Techniques of Material Characterization for Research" organized by the Dr B R Ambedkar National Institute of Technology Jalandhar, from 25th to 29th October 2021.

10. Prof.Rameesamol J participated in Online Faculty Development Programme on "Practical Data Science" organized by the Department of computer science and engineering, SJCET, Palai from 19th to 23rd July 2021.

Master of Computer Applications

1. Department conducted seminar on" Health Effect of Electromagnetic Radiation" in "M-Talk Series" by resource person Asst Prof . Sabarinath G,ECE,SJCET.(11/05/2022)

2. Department conducted a seminar on "Scientific Publications" in "M-Talk Series" by resource person Prof . Rajesh Baby, Research Dean,SJCET.(06/05/2022)

3. Department conducted a seminar on"Effective Utilization of E-resources" in "M-Talk Series" by resource person Mr. Justine Thomas, Librarian (Gr.1), SJCET. (25/04/2022)

Master of Business Administration

1. Dr. Suma Mathew attended a 6-day FDP on "Data Driven Decision Making (3DM2021)" in National Institute of Technology Calicut, School of Management Studies, held from 3rd August - 8th August 2021.

2. Dr. Suma Mathew was a guest speaker for a KTU sponsored 5-day FDP organized by Jawaharlal Business School, Nehru Group of Institutions, Palakkad on "Trends and Challenges in Digital Business Innovation", held from 26th July to 30th July 2021.

3. Prof. Meera Kuncheria has participated in a 6 days Faculty Development programme on "Goods and Service Tax" organised by Institute of Chartered Accountants of India, (ICAI, Ernakulam Branch), held from 9th August to 14th August 2021.

4. Prof. Meera Kuncheria attended a 1-day International Finance Conclave titled "Fin Tech: Digital Transformation in the pandemic Era", organised by CMS Business School, JAIN (Deemed-to-be University), held on 31st July 2021.

5. Prof. Elma Joseph attended a five days FDP on "Trends and Challenges in Digital Business Innovation" organized by Jawaharlal College of Engineering and Technology, Palakkad, held on 26th July to 30th July, 2021.

6. Dr. Ajith K. Thomas, Professor and Head, St. Joseph's Business School, conducted a workshop on "Un-conscious Mistakes Women make that may Sabotage their Professional Career" for St. Teresa's College, Kochi, on 8th October 2021, and 185 girl students benefitted from the program.

7. Dr. Joseph Purayidathil attended 11 UGC sponsored webinars of UGC/HRDC-Gujarat University on different topics from 15th to 28th December 2021.

FACULTY ON DEPUTATION FOR HIGHER STUDIES

Department of Civil Engineering

1. Mr. Jose James, Assistant Professor, Department of Civil Engineering, qualified for advance admission to the PhD programme at NIT Calicut under QIP 2021-22

Department of Computer Science & Engineering

1. Prof. Deepu Job is pursuing PhD 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. Jojin Thomas has been deputed for full time Ph.D. at NIT, Puducherry.

2. Ms. Tissa Tom has been deputed for full time Ph.D. at RIT, Kottayam under QIP scheme of AICTE.

Department of Electronics and Instrumentation Engineering

1. Prof. Mable Alex has been deputed for a full-time PhD in NIT, Tiruchirapalli

2. Prof. Al Saheer S S is pursuing a part-time PhD in Image Processing at TKM, Kollam.

EXTENSION OF ACTIVITIES

Department of Civil Engineering

PROJECTS UNDERTAKEN

Mapathon Kerala- OSM Mapping

Department of Civil Engineering, St.Joseph's College of Engineering and Technology, Palai is entrusted with the mapping of Palai Muncipality(26 Muncipal wards) so that it may be used by the Government agencies in case of any emergency situation like floods or any of such kind.The Mapathon Projectof Palai Municipality is leaded by the SPoC Mr.Austin T Sabu,Asst.Prof, Dept of CE and other members includeMs. D.Dalmiya Rajan, Asst.Prof, Dept of CE along with a student group. The final year student group members are Sijith Chandran, Krishnapriya, Melinda Lorence & Nithya Treesa(S7CE)

KOOTICKAL SITE VISIT

In connection with the landslide at Kootickal, Dept.of Civil Engineering assessedthe structural competency of residential buildings in the area. The project was undertaken by the Civil Engineering Department in association with Civil Engineering Association and Center for Industrial Consultancy. The site visit team consisted of faculty members and a group of final year students. The faculty members accompanied were Prof. Dr.K.J.George, Associate Prof. Fr. Dr. Bennet Kuriakose, Asst. Prof Mr.Manish Jose, Asst. Prof Mr.Austin T Sabu, Lab instructors Mr. Joby George and Mr. George K Thomas.

Master of Computer Applications

1. Department has conducted add on Course "Introduction to emerging technologies in industry and research" for the higher semester students from 22-05-2021 to 12-06-2021.

2. Department has conducted 6- days online international workshops on "Machine Learning Applications –An Industrial Perspective" from 11-01-2021 to 16-01-2021.

3. The students of SJCET have access to all the courses of NPTEL Cloud Storage of 2 tera-byte even without an Internet connection. More than 350 + courses on MCA are available locally at SJCET Palai Server.

STUDENT ACHIEVEMENTS

Department of Computer Science and Engineering

1. Justin Jiby Varghese, S5 CSE B has passed the National Cadet Corps certificate 'C' examination in 'A' grade held in Sept 2021 under authority of Ministry of Defence, Govt. of India, No. KL/20/SD/A/144055.

2. Navya Sajeev, S5 CSE B has passed the National Cadet Corps certificate 'C' examination in 'A' grade held in Sept 2021 under authority of Ministry of Defence, Govt. of India, No. KL/17/SD/A/151739.

Department of Electrical and Electronics Engineering

1. Abhijith Venkatesh R Pai (S7 EEE) attended an online NPTEL MOOC course "Control Systems" organized by IIT Madras. July – October 2021.

2. Nithin Sagy (S7 EEE) attended an online MOOC course by Coursera "Introduction to system Engineering" July 2021.

3. Alan Xavier Antony (S5 EEE) attended an online MOOC course by Coursera "Solar Energy Basics" December 2021.

4. Alex T. K (S5 EEE) attended an online MOOC course by Coursera "Introduction to Cybersecurity Tools and Cyber Attacks" September 2021.

5. Alex T. K (S5 EEE) attended an online MOOC course by Coursera "Introduction to Digital Manufacturing with Autodesk Fusion 360", November 2021.

6. Alby M Antony, Amruthesh C K , Rahul Francis, Roshan Joseph, Tharanath J Kachiramattom & Milan Thomas (S7 EEE) attended one week training/Internship "Electrical system design" at Techmagi LLP November 2021

7. Alex T. K, Bright Benson Berthold, Amal George, Darin Jose, P. Arun Rajan, Manoj Poudel, Arjun Pradeep, Hari P.S, Athul Thankachan, (S5 EEE) attended Internship "International Safety Standards and Regulations" at KELTRON, Aluva , December.2021

FROM THE ALUMNI

Dept. of Electrical and Electronics Engineering

Sanjo Sibi Moolamkunnam
Junior Research Fellow
Department of Electrical Engineering
Indian Institute of Technology (IIT), Palakkad

I have immense pleasure to say that I am a proud alumnus of St. Joseph's College of Engineering and Technology, Palai. I finished my undergraduate degree program in Electrical and Electronics Engineering in 2019. The Department of Electrical and Electronics Engineering is one of the top Electrical Engineering departments in the state. The scope of Electrical and Electronics ranges from Power Systems to Microelectromechanical Systems. As an undergraduate student, I was quite curious to gain the breadth and depth of knowledge in the field of Electrical Engineering. Not only the power Engineering courses, but Programming, Instrumentation, and Embedded systems kept me quite tempted with their advanced features and functionalities. We had a bachelor's program to cover the basics of all these areas in Electrical Engineering. We were offered a variety of elective courses like Electric and Hybrid Vehicles, Renewable Energy Systems, Energy Management, Auditing, and Power Quality. This made us prepare for the power industry which is currently in the stage of a transition. The change in Electrical Power Engineering from copper wire-based systems to silicon-based systems is happening right now. The distribution systems are active distribution systems now a days. We got a clear picture of the active distribution systems from our own solar PV systems installed on the campus. We have an installed capacity of a 200 kW grid-tied solar PV system which is completely installed under the guidance of the Electrical Engineering Department of SJCET. I could see the installation of the solar PV system, Grid-tied inverter, Net meter, and Replacement of old CTs and PTs when I was an undergraduate student at SJCET. Our Electrical Systems including substation on campus and labs are well labeled so that students can learn in detail about these systems from our campus itself.

The gap between academia and industry is a big problem that the nation faces for years. But we were blessed to have a team of academicians under the leadership of Prof. P.V Varkey, who is close to the industry. We got a lot of opportunities like Internships, Industrial visits, and special training sessions from them during our bachelor's program. The industrial visits were well organized, and detailed presentations were given by Prof. P.V Varkey before each visit. The industrial visit to KSEBL, 400 kV substation Madakkathara and Mar Sleeva Medicity, Palai was an unforgettable experience because we attended a presentation with detailed diagrams and explanations before we went there. The department also runs a consultancy division for industries and a lot of industries are making use of those facilities at St. Joseph's College of Engineering and Technology, Palai. The labs of the Department of Electrical Engineering are so equipped that even the people from industries can come there and conduct their tests. The college management is so supportive and helpful to maintain the quality of facilities available for the students. The department started a new power systems lab when we were in the fourth year of college. I got a chance to help the faculty to make a relay testing kit for the lab. It was a very good experience to see all those processes and it is very difficult to make that testing equipment in any other educational institution.
Excellent training and mentoring that we got from the department is the reason for the career that we have right now. Many of my classmates are in core power industries and some of them are pursuing their higher education in some of the best institutions all around the world. I was fortunate enough to get into a Danish company after passing out of college. I was an Automation Engineer at Drawout ApS for two years. I worked on different robotics and automation projects for industries in Europe and other parts of the world. Due to my passion and interest in research and academia, I applied for a research position at the Indian Institute of Technology, Palakkad when I was working in the industry. Currently, I am working as a Junior Research Fellow at the Sensors and Electronic Instrumentation Laboratory at the Department of Electrical Engineering, IIT, Palakkad. I am very proud and blessed to be a part of this college as it has taught me many lessons for life.

Master of Computer Science and Applications.

Alphons Sunny
MCA 2019-2021 Batch

As we all know College Life is one of the most remarkable and lovable times of an individual's life. SJCET exposes us to whole new experiences which we always dream of experiencing after our UG life. We are so lucky to have our HOD sir, all the faculty members from our department also from other departments. One of the greatest assets that we get from the SJCET is our beautiful friends. The most common memories people have of college life are definitely goofing around with friends. Moreover, we always look back at the times spent in our college canteen. It was considered the hub of every student where they enjoyed eating and chatting away with their friends.

The main difference of SJCET from other colleges is the valuable placement training and support. 50+ companies are come to our college and most of the students are placed at various MNC like Infosys, TCS, UST Global, 6D Technologies, Federal Bank, ESAF Bank, Byju's App etc . With the help of placement training we got a job at the very end of our study. The next important thing is the extra curricular activities that are held in our college. Extracurricular activities and different fests like Sargam ,Astra help us to develop their social skills and learn how to work in a team to achieve a shared goal. These activities allow us to get the opportunity to explore different areas of interest, increase self-confidence, build leadership skills and even improve grades. College life is known as one of the most memorable years of one's life. It is not only about the study but also about the overall development of an individual through various activities and challenges.

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