

ST. XAVIER'S CAMPUS CONNECT

February 2024, Volume IV Issue 7

VISION

To be an institution of eminence of optimal human development, excellent engineering education and pioneering research towards developing a technically-empowered humane society.

MISSION

To transform the (rural) youth into top class professionals and technocrats willing to serve local and global society with ethical integrity, by providing vibrant academic experience of learning, research and innovation and stimulating opportunities to develop personal maturity and professional skills, with inspiring and high caliber faculty in a quality and serene infrastructural environment.



INSIDE THIS ISSUE

- Events
- Students Achievements
- Academic Activities
- Placement Activities
- COE Activities
- IQAC Activities
- CELL Activities
- Research Activities

UPCOMING EVENTS

- FDP on Devops - 19.02.2024 to 21.02.2024
- ICCIDA - International Conference on Computational Intelligence & Data Analytics - (21.03.2024 to 23.03.2024)
- SXMSE (Scholarship Exam) - 27.03.2024

CORRESPONDENT'S MESSAGE

Rev. Fr. Dr. M. Maria William

My friends,

The newness of the year and days of planning is giving way to active days of proud achievements. As the days go by, even within January, so many celebrations and achievements have characterized our journey, whose news this issue of Campus Connect records.

The new app which was inaugurated on 2nd February, namely 'Student Information System', is connecting all the parents of our students with our college, especially the HoDs of respective departments. I am sure it now has become very easy and expedient system of communication with our institution to the parents and to follow their wards closely.

Our fourth years have just come back from thrilling national tours with a heart full of joyful experiences. Congratulations to them all and special compliments and thanks to all the staff who accompanied the students and guided them.

Placements are picking up, the offer letters are pouring in and the numbers are soaring up as our students enjoy the fruits of their hard work as engineering students. Our institution, the alma mater, is only pleased to wish all the fourth year students a great career and a joyful life in the coming years.

The "Meet the Great" episodes are proving to be rich experiences for the faculty of different departments. In a special way, the presence of Er. Seamus O Toyama of Ireland highlighted the need for "Lifelong Learning and Ethics in Education". The audience was pleasantly surprised to know how Ireland also shares a heritage of fighting for freedom and bring up a decent economy from shambles as we do.

As we walk along, lit by the inspiration of great minds and encouraged by the starlets of achievements that set alight our hearts and strengthened by our mutual collaboration and support, our lives are becoming more fulfilling and meaningful in our college. Let's all move ahead! A bright future is beckoning!!



St. XAVIER'S
CATHOLIC COLLEGE OF ENGINEERING
(Autonomous)

Chunkankadai, Nagercoil - 629003
Kanyakumari District, Tamil Nadu

Approved by AICTE & Affiliated to Anna University, Chennai
Accredited with 'A' Grade by NAAC
UG Programs (ECE, EEE, Mech, Civil, CSE & IT) Accredited by NBA
Recognized under section 2(f) & 12(B) of UGC Act, 1956
UG Programs (ECE, EEE, Mech, Civil, CSE & IT),
MBA & MCA Programs Permanently Affiliated



PRINCIPAL'S MESSAGE

Dr. J. Maheswaran

My Heartfelt thanks and congratulations to the Editorial team faculty members for bringing out this issue of our Newsletter. Classes for third and final year have already started and first and second year UG and PG students are writing their end semester exams. We are seeing good improvement in the results of phase 1 exams, Congratulations to the faculty members and students. Good achievements by third year IT students in various Hackathon events. CK Sherjin of final year ECE won 1 place in Silambam, Second World open Championship 2024 held at Pattaya, Thailand under 80+kg category. Congratulations to the student and our Physical Directors. Also we are seeing of achievements of our students and staff. Congratulations to the achievers.

All the very best.

EVENTS

SCIENCE EXHIBITION & KUMARI FEST 11 JAN '24 to 13 JAN '24

Our College Celebrated Science & Technology Exhibition (SIS – 24) & Kumari Festival 2024 during 11 to 13 January 2024. The event attracted a staggering 2500 attendees, ranging from students, faculty, industry professionals, and curious minds from the community.

- Participants from various schools and our college students showcased their inventive projects, spanning Robotics, Artificial Intelligence, Sustainable Energy Solutions, and much more. The event served as a testament to the college's commitment to fostering creativity and pushing the boundaries of scientific exploration.



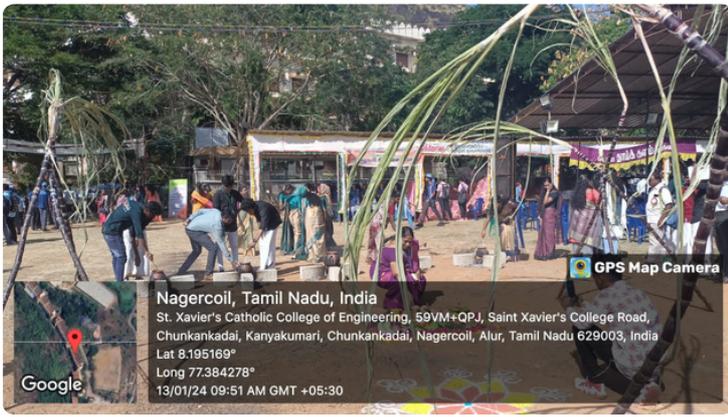
CENTRE OF EXCELLENCE AR/VR



The Inauguration of the Center of Excellence on AR/VR was organized by the department of AI&DS on January 8, 2024. The special guest was Er. B. Pradeep Sathya Kumar, Regional Head, Scopik.edu.tech.

Our Correspondent Rev. Fr. Dr. M. Maria William, Bursar Rev. Fr. M. Francis Xavier, Principal Dr. J. Maheswaran, the Deans, HODs, and faculty members, attended this function.

PONGAL CELEBRATION



Pongal was celebrated in our college on 13/01/24. The Correspondent Rev. Fr. Dr. M. Maria William, presided over the function. In accordance with Pongal celebrations, kolam competition, Elocution, Essay writing and Poetry writing competitions were conducted on 10/1/23. On the day, Pongal was served to everyone.

REPUBLIC DAY CELEBRATION

The 75th Republic Day was celebrated in our college premises on 26th January, 2024. The celebration started with March Past by the NCC students. Our Correspondent Rev. Fr. Dr. M. Maria William hoisted the National Flag followed by Pledge, Flag Song and Preamble of the Constitution. The special program started with the Welcome Address by the Constitution club. Our Correspondent Rev. Dr. M. Maria William delivered the presidential address. Our Principal Dr. J. Maheswaran gave the Republic Day message. Our Bursar Rev. Fr. M. Francis Xavier gave a Special Address on that occasion.



STUDENTS ACHIEVEMENTS



C. K. Sherjin of IV ECE, won the first prize in the 21 years above categories of stick fight event in the 2nd World Silambam Open Championship- 2024 held on 7/1/2024 at Chon Buri, Thailand.

89 students were selected by various companies during the placement drive conducted in January 2024. Some companies' results have not yet been announced.

ACADEMIC ACTIVITIES

BOS MEETINGS (EEE & H&Sc)

The BOS meeting for the department of Electrical and Electronics Engineering was conducted on 06-01-2024 in the EEE seminar hall at 10.00 am. The members were Dr.V. Suresh Kumar, Professor EEE, Thiagarajar College of Engineering, Madurai, Er.S.Emil Jeba Singh, Assistant Executive Engineer, APDRP Central Office, TANGEDCO Parvathipuram, Kanyakumari Electricity Distribution circle, Er.Merlin Kumar, Senior Executive Engineer, Nuclear power corporation of India Koodankulam. Dr G.Saravana Iango, Professor, NIT Trichy, Dr.S.Solai Manohar, Professor/EEE, CMR Institute of technology Academic Dean Dr.P.P.Anto Kumar, HOD/EEE and the faculty members of EEE attended the meeting.

The Third BOS meeting for the Department of Humanities and Sciences, was conducted on 08/01/2024 at 10.30 AM in Board Room. The First Year Coordinator, Heads, and faculty members of Humanities and Sciences attended the meeting along with a university nominee, one expert member from outside college.



ACADEMIC COUNCIL MEETING

The Third Academic council meeting was conducted on January 20, 2024, at 10 a.m. in the Einstein Seminar Hall. Dr. J. Krishnamoorthi, Professor & Head, Department of Metallurgical Engineering, PSG College of Technology Coimbatore, Dr. N. Shenbaga Vinayaga Moorthi, Professor and Dean, Anna University Regional Campus – Tirunelveli, Dr. R. Justin Joseyphus Professor & Head, Department of Physics NIT, Trichy, Dr. Selvam Jesaih, Professor & the Principal, Faculty of Management Studies of Sri Ramachandra Institute of Higher Education and Research, Chennai, Mr. Arul Jerald Prakash Former Director Kerala State Science & Tech Museum and Planetarium, Thiruvananthapuram, Mr. Thomas Franco Social Activist and Banker Ex. All India State Bank officers' Federation as nominee of governing body, Correspondent, Bursar, Deans and all the HoDs attended the meeting.



- Society of Electrical Engineers (SEE) organised a **Career guidance program** on 24th January from 1:00 PM –2:30 PM. at the department of EEE. The speaker was Er. S. Kumaresan. CAD Arts , Chennai.. The objective of the seminar was to help students to reflect on their ambitions, interests, qualifications and abilities.
- Society of Electrical Engineers (SEE) organised a **Career guidance program** on 22nd January, 2024 a 1.00 pm. The speaker was Er. Visnu Nagaraja Sharma, Asst Manager, SBI. He gave an elaborative introduction about the various opportunities and scope in the field of Engineering. He suggested varied ways and ideas on how to opt the career in abroad.
- An **awareness program for Career Guidance** was conducted for the III year Mechanical Engineering students on 24/01/2024 by Mr. S. Kumaresan, Vibrant NDT services pvt. ltd. The students were explained about GATE & it's importance. He also explained the Job opportunities available for GATE scores and the importance of online career test to understand the right industry or read about various career options to get guidance on what to study.
- The webinar on **"Microservices with Golang"** was conducted exclusively for the Final year students within the Computer Science & Engineering Department by Mr. Jebin Johnson, Cloud Solution Architect, Rakutan, Germany. 120 students participated in this webinar. This webinar provided a basic introduction about the Golang. One notable highlight of the webinar was the intriguing comparison drawn between the working atmosphere in the Germany and India. This event provided a valuable opportunity for these budding engineers to delve into the intricate world of software development artifacts.

A hands-on training on **"Introducing Flutter and dart programming"** was organized by Brigitz for the III year IT students on 24th of January 2024 the resource person was Er. S. Gokul Kumar, Flutter Frog.

SEMINARS



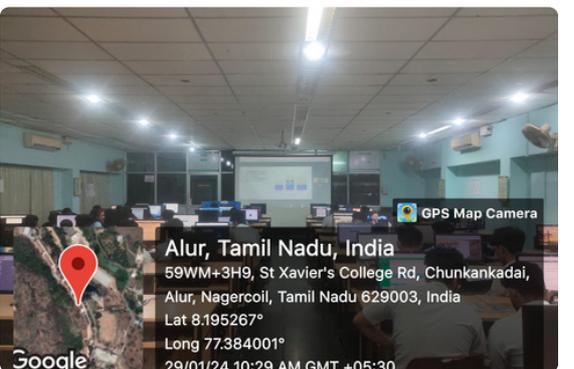
Nagercoil, Tamil Nadu, India
St. Xavier's Catholic College of Engineering, 59WM+CC2, St Xavier's College
Chunkankadai, Nagercoil, Alur, Tamil Nadu 629003, India
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Long 77.383646°
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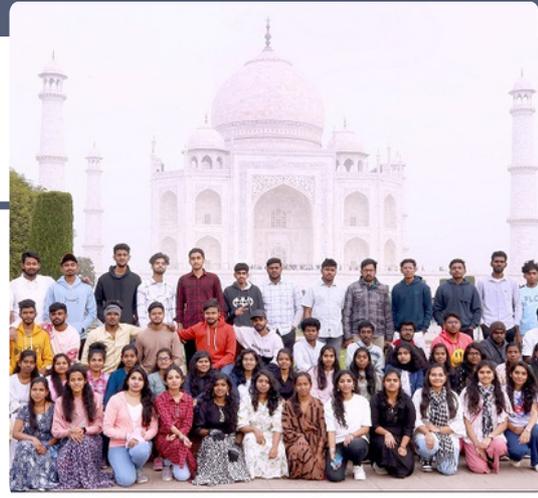
Nagercoil, Tamil Nadu, India
St. Xavier's Catholic College of Engineering, 59WM+CC2, St Xavier's College Rd, Chunkankadai,
Nagercoil, Alur, Tamil Nadu 629003, India
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Long 77.383553°



Nagercoil, Tamil Nadu, India
59VM+GMX, Chunkankadai, Nagercoil, Alur, Tamil Nadu 629003, India
Lat 8.193951°
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Alur, Tamil Nadu, India
59WM+3H9, St Xavier's College Rd, Chunkankadai,
Alur, Nagercoil, Tamil Nadu 629003, India
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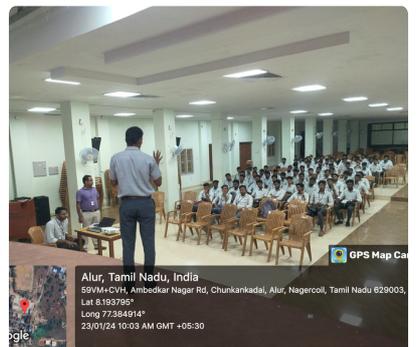
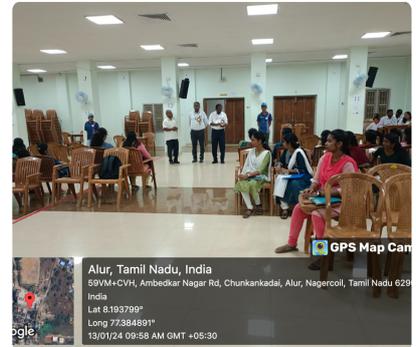
EDUCATIONAL TOUR (CSE, IT, ECE, CIVIL, EEE)

- An educational tour was arranged from 06/01/2024 to 15/01/2024 for the Final year CSE students. 98 students participated and 5 faculty members accompanied with them. They visited various monuments and places in Delhi, Agra, Punjab and Manali. The students enjoyed and got various experience by visiting those places.
- The final year ECE students went to an All India Tour from 5th of January 2024 to 14th of January 2024. They visited Manali, Agra, Jaipur, Jaisalmer and Thar Desert.
- The final year IT students went to an all India tour from 5th of Jan 2024 to 14th of Jan 2024. 27 students with 3 faculty members visited various places like - Agra, Delhi, Amristar and Manali and explored the cultures in those places.
- A tour was conducted for the 8th semester Civil Engineering students. This tour was conducted from 6th January 2024 to 15th January 2024. Students visited Taj Mahal and Agra Fort on 08.01.2024. The next day they visited Jallian Walabagh and Golden Temple. On 11/01/2024, the students reached Manali and visted hot water springs. On 12/01/2024, they visited Qutub minar, India gate, Lotus Temple and Redfort.



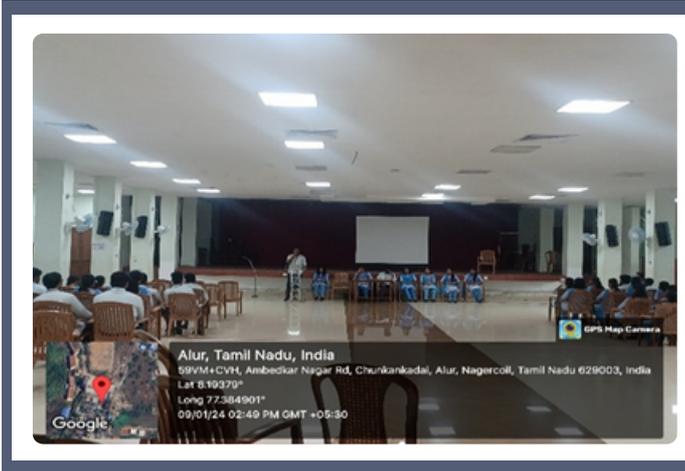
- Econ Systems- Virtual ON CAMPUS PLACEMENT DRIVE was conducted for MBA(HR/ Finance/Marketing/Business Analytics / General Management / Operations / SCM / International Business) on 4/1/2024. Eligibility criteria was 7.0 CGPA & above in UG (B.E/B.Tech) & 7.0 CGPA & above in MBA. Salary package is Rs. 8-12 LPA.
- Mega Job fair-Kumari fest – ON and POOL CAMPUS PLACEMENT DRIVE was conducted for B.E/B.Tech – MCA, M.E all departments on 13/1/2024. Eligibility criteria was 60% and above in 10th, 12th and in degree. 40 companies were participated in this mega fest.
- Global Quest Technologies - Virtual ON CAMPUS PLACEMENT DRIVE was conducted for B.E/B.Tech - CSE, IT, EEE, ECE, Mech, Civil, MBA & MCA on 18/1/2024. Eligibility criteria was 6.0 CGPA & above in 10 , 12 , B.E/ B.Tech. Salary package is Rs. 2.5 to 4.0 LPA. 11 students got selected.
- Infiniti Software Solutions Pvt. Ltd. - ON CAMPUS PLACEMENT DRIVE was conducted for B.E./B.Tech - CSE, IT & MCA on 20/1/2024. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Intern : Rs.8000 per month (3 months) Rs. 2LPA – 4LPA (will be based on the performance in the training)
- VI Micro System Pvt. Ltd.- ON CAMPUS PLACEMENT DRIVE was conducted for B.E/B.Tech - ECE, EEE, CSE, IT M.E–Applied Electronics, Communication Systems, Medical Electronics, Power Electronics & Drives on 22/1/2024. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is B.E/B.Tech - 1.8 – 2.1 lakhs per annum (CTC) M.E – 2.1 – 2.4 lakhs per annum (CTC). 21 students got selected.
- Madras Engineering Industries private Ltd- ON & pool CAMPUS PLACEMENT DRIVE was conducted for B.E– EEE and MECH on 23/1/2024. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is 2.46 lakhs per annum.

PLACEMENTS



TRAININGS

- A training on “Soft Skills and Interview Skills Training” was conducted by Mr. Roshan Roy, TalenTus HR Solutions Pvt Ltd, Cochin for III Year students belongs to Flower Classes 1, 2 and 3 on 8th ,9th ,23rd, 24th and 25th January 2024 (two days per class). Nearly 166 students participated from CSE, IT, ECE, EEE, Civil and Mechanical departments in the Soft Skills training programme.
- A four-month full stack development course is started by the Training and Placement cell on 18-1-2024. 11 students joined in this course.



PLACEMENTS



- Pinnacle Info solutions (BIM-MEP core company)- ON CAMPUS PLACEMENT DRIVE was conducted for B.E- CIVIL, EEE and MECH on 25/1/2024. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Intern : Rs.5000 per month (2 months) Trainee Engineer-BOPT/Apprentice : Rs.18000 per month Executive Engineers: Rs.3.0 Lakhs -CTC(company benefits like PF, Gratuity, Bonus , Medical Insurance). 34 students got selected.
- Quintessence Business Solutions and Service- ON CAMPUS PLACEMENT DRIVE was conducted for All B.E/B.Tech –CSE, IT,ECE, EEE, Civil,Mech All MCA, M.E. departmentson30/1/2024. Eligibility criteria was 60% and above in 10th, 12th Std & in Degrees . Salary package is ₹ 1.78 - ₹ 2.59 LPA (CTC). 23 students got selected.

COE ACTIVITIES



PREVALUATION & RESULT PASSING BOARD MEETING

Nov./Dec. 2023 Phase-I Examinations

- End Semester Theory Examinations for R-2017 and R-2021 B.E./B.Tech. Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Information Technology and Mechanical Engineering were conducted from 27-11-2023 to 12-01-2024.
- Prevaluation board meeting was conducted on 04-01-2024.
- Valuation was conducted on 08, 09, 10 and 12-01-2024.
- Result Passing Board Meeting to pass the results was conducted on 29-01-2024.
- Results of Nov./Dec. 2023 Phase-I Examinations were published on 30-01-2024.

Nov./Dec. 2023 Phase-II Examinations

- End Semester Practical examinations for R-2022 First and Third Semester B.E./B.Tech. Artificial Intelligence and Data Science, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Information Technology and Mechanical Engineering, R-2022 First Semester M.E. Structural Engineering, Computer Science and Engineering, Power Electronics and Drives and Energy Engineering, M.B.A. and M.C.A. were conducted from 03-01-2024 to 10-01-2024.
- M.E. Phase-I project Viva-Voce Examinations for R-2022 Third Semester M.E. Construction Engineering and Management, Structural Engineering, Computer Science and Engineering, Power Electronics and Drives, Applied Electronics, Communication Systems, Medical Electronics and Energy Engineering, were conducted on 22-01-2024.
- End Semester Theory Examinations for R-2022 First and Third Semester B.E./B.Tech. Artificial Intelligence and Data Science, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Information Technology and Mechanical Engineering; M.E. Construction Engineering and Management, Structural Engineering, Computer Science and Engineering, Power Electronics and Drives, Applied Electronics, Communication Systems, Medical Electronics and Energy Engineering; M.B.A. and M.C.A. are being conducted from 23-01-2024 to 23-02-2024.



- On January 29, 2024, an Internal IQAC meeting was conducted to discuss the achievement status of benchmark 2023-2024.
- On January 30, 2024, an Academic Administrative meeting was conducted.

CELL ACTIVITIES



- In order to create awareness on 'Road Safety' to the cadets and to the public a rally was organized by 11 (TN) BN NCC, Nagercoil on 20-01-2024. Cadets from Pioneer Kumaraswamy College, Scott Christian College and St Xavier's Catholic College of Engineering with the strength of 160 cadets (SXCCE – 37 SD & 18 SW, Scott – 30 SD & 25 SW and PKC - 21 SD & 29 SW) participated in this rally. Under the guidance of Col C P Unnikrishnan, Officer Commanding, 11 (TN) BN NCC, Nagercoil, the arrangements were done by the ANOs of these colleges.



- Pongal Celebration was organized for the people of Ambedkar Nagar by the Tamil Mantram in association with the NCC and NSS of SXCCE on 15/01/24. Cultural programs and few competitions were conducted . Our Correspondent, Rev.Fr. Dr.M.Maria William Presided over the function. Around 350 people attended the program.

- SSB Capsule is being organized by DG NCC at Directorate level as part of Training Curriculum in grooming of cadets development of leadership traits and personality. Our cadet L/Cpl Sherjin Sam S was selected to SSB Capsule (Super 30) at Puduchery after preliminary screening by Officer Commanding from 11 (TN) BN NCC and followed by Group Commander Interview at Madurai. He was one among the five cadets from Madurai group. The camp was from 19-1-24 to 28-1-24 at NCC Complex, Lawspet, Puducherry.

RESEARCH ACTIVITIES

MEET THE GREAT

The "Meet the Great" event organized by CFRD on January 5th was a resounding success, featuring an insightful presentation on the topic "Lifelong Learning and Ethics in Education" by Er. Seamus O Toyama from ASEM Lifelong Learning Hub, Ireland. He delved into the ethical dimensions of education, exploring ways to foster integrity, responsibility, and empathy within educational practices.



AS A RESOURCE PERSON

- Dr. M. Marsaline Beno, Dean, Research conducted Career Guidance and Motivation Program on 24/01/2024 at St Micheal's HSS, Kattathurai
- Dr. M. Marsaline Beno, Dean, Research conducted Career Guidance and Motivation Program for 9 to 12 Students on 26/01/2024 at Mathiravilai Vicariate.
- Dr. M. Marsaline Beno, Dean, Research presented a Seminar on, "IET Strategies for Student Success" at Mar Baselios College of Engineering and Technology on 29/01/2024
- Dr. M. Marsaline Beno, Dean, Research acted as a Chief Guest at Saraswathi Drawing School, Munchirai – Silver Jubilee Celebrations and delivered a Motivational talk on, "How Success People Grow".
- Dr. M. Marsaline Beno, Dean, Research acted as a Resource person at Nanjil Catholic CBSE School, Vazhuthalampallam and delivered a talk on Exploring Electromagnetics & Electricity for 12th Grade Physics on 09/01/2024
- Dr. M. Marsaline Beno, Dean, Research acted as a Chief Guest at St Xavier's Church, Chentharai, Catechism Annual Day – Motivation on, "Empowering Catechism Journey For, Students, Teachers and Parents" on 21/01/2024
- Dr. A. Darwin Jose Raju, Associate Professor of EEE Department and senior member of IEEE Madras section acted as a resource person for the inauguration of IEEE student branch at Rohini College of Engineering on 23-01-2024
- Ms. M.C. Sheeba has served as resource person in a one-day seminar on "Emergence of Artificial Intelligence in Business" organized by Department of Commerce SF II, Holy Cross College (Autonomous), Nagercoil on January 18 th 2024.

- Dr. S. CAROLINE, Head, Department of ECE has voluntarily contributed as a reviewer of papers for 2nd IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2024), organized by IEEE MP Section and ABV-IIITM Gwalior, India

Suja. A. Alex acted as a

- Editor of “Future Generation Computer Systems” (FGCS) Journal, Elsevier
- Reviewer of International Conference on Innovative Trends in Information Technology (ICITIIT2024), IIIT Kottayam
- Reviewer of InCACCT-2024
- Reviewer of Second International Conference on Emerging Trends in Information Technology and Engineering(ic-ETITE’24)
- Editorial Review Board member of International Journal of Distributed Artificial Intelligence (IJDAI), IGI Global.
- Reviewer of Expert Systems With Applications Journal, Elsevier.
- Reviewer of Heliyon, Elsevier.
- Reviewer of Neural Computing and Applications, Springer
- Reviewer of Applied Soft Computing, Elsevier
- Reviewer of Journal of Intelligent &Fuzzy Systems, IOS Press.

- Suja A. Alex, Euclides Lourenço Chuma, Gabriel Caumo Vaz, Gabriel Gomes de Oliveira, “HealthGuard: Blockchain-Powered Healthcare Data Security”, IEEE Explore, International Conference on Intelligent Computing and Next Generation Networks (ICNGN), China. DOI: 10.1109/ICNGN59831.2023.10396708
- Suja A. Alex, B. G. Briyolan, K. R. Vanadhi, J. R. Jerlin, S. K. Mault, "Smart bin: an IoT-based bin for garbage monitoring, International Conference on Computer Vision and Internet of Things 2023,(ICCVIo ty’23), IET, IEEE Explore

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