ELECTRICAL & ELECTRONICS ENGINEERING

IÊ CONNECT

2023 - 2024

e - Newsletter

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Dr. S. V. Kayalvizhi, M.E,Ph.D
Assistant Professor & Head

Editor

Dr. S.V. Kayalvizhi, M.E,Ph.D,

Special Contributors

Website : Er. M. Abragam Siyon Sing, M.E,
     Assistant Professor
Faculty Advisor : Er. Almond D'souza, M.E,
     Assistant Professor
Technical Support : Mr. G. Sahaya Glitus,
     Skilled Assistant

Student representatives

Asker Stephin, S,Godwin.J.P (IV-EEE)
Sree Ram Vignesh K, S,Jenin. J (III-EEE)
Sowmiya M (II-EEE)
College Vision, Mission, Slogan, Quality Policy, Objectives and Values

St. Xavier's Catholic College of Engineering

Vision	Mission
To be an institution of eminence of optimal human development, excellent engineering education and pioneering research towards developing a technically-empowered humane society.	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.
Slogan	**Quality policy**
Towards a technically-empowered humane society.	Attaining global eminence, by achieving excellence in all that we do, in life, education and service.

Objectives	Values
To transform our students into fully-functioning human persons and empowering leaders with autonomy and passion for continuous self-learning. To equip them with contemporary scientific and technical knowledge with student centred teaching methods. To animate them into pioneering researchers and investors. To train them to excel with cutting edge technical, entrepreneurial and managerial skills for a successful career. To expose them to challenging opportunities of self-discovery and to commit themselves to lead a value-based life of humane service. To recruit faculty who inspire the students with their passion for knowledge and transmit knowledge to the students by student-centred creative and innovative teaching and learning methods, lead them by example in high-end researchers, and edify the students with their life of integrity and ethics. To	Efficiency that leads to Excellence Excellence that leads to Eminence Genuineness that leads to authenticity Transparency that leads to credibility Person centeredness that leads to family-ness Appreciation that leads to high motivation Altruism that leads to humane service Critical thinking that leads to scientific approach Fidelity that leads to responsibility Knowledge that leads to wisdom Innovative research that leads to inventions Hardwork that leads to achievements Eco friendliness that leads to protection of nature Aesthetic campus that

provide standard infrastructure, serene and stimulating environment that is most conducive to learning. To develop avenues of continuous and responsive collaboration with stakeholders for the optimal development of the students and institution.	leads to serene environment Fiscal discipline that leads to economic sustainability Feedback that leads to responsivity Spirituality that leads to committed service.

Department Vision Mission PEO PO PSO
Program: B.E. Electrical and Electronics Engineering.

Vision	
	Producing globally competent professionals, innovative researchers and successful entrepreneurs in the field of Electrical and Electronics Engineering for developing a technically empowered humane society
Mission	
M 1	To impart high quality technical education in Electrical and Electronics Engineering with high calibre faculty members, excellent infrastructure and stimulating environment
M 2	To lead the students to learn and practice technologies that are prevalent in the related industries
M 3	To introduce the students to the latest concepts and innovations through technical gatherings and research collaborations
M 4	To inculcate ethical values, team spirit and leadership qualities to meet the social challenges and needs
Program Educational Objectives (PEO)	
PEO 1	Build a solid foundation in Mathematics, Science, Engineering and Soft Skills for diverse career and persistent learning
PEO 2	Engage in life long process of learning and research to keep themselves abreast of new developments in the field of Electrical and Electronics Engineering
PEO 3	Have an ability to work in multi- disciplinary environment
PEO 4	Practice their profession conforming to ethical values and environmentally friendly policies
PEO 5	Model, design and develop a system and component or process the same to meet the
Program Outcomes (PO) (with Graduate Attributes)	
PO 1	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO 2	Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO 3	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO 4	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO 5	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
PO 6	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO 7	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO 8	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO 9	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO 10	Communicate effectively on complex engineering activities with the engineering community and

	with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO 11	Demonstrate knowledge and understanding of the engineering and management principles and apply these to ones own work, as a member and leader in a team, to manage projects and in multidisciplinary environments
PO 12	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Program Specific Outcomes (PSO)	
PSO 1	Utilize the Technological advancements in the field of modern Power Systems and formulate reliable and feasible solutions towards the eco-friendly and challenging environment.
PSO 2	Design and analyze fundamental Electronics and Embedded systems for real-world problems and develop smart products.
PSO 3	Apply recent Technology to control Electrical Machines with the aid of solid state devices to enhance energy conservation and sustainability.

Acknowledgement

We express our heartfelt thanks and gratitude to our staff, students and well wishers, without whose cooperation e-connect wouldn't have been a reality.

From HOD/Editors desk

Dr. S. V. Kayalvizhi

Dear Students, Faculty, and Colleagues,

It is with great pleasure that I present this latest edition of our department newsletter. This publication is more than just a collection of events and achievements; it is a testament to the dedication, hard work, and creativity that define our department.

In this edition, you'll find highlights of our recent accomplishments, from academic excellence and research breakthroughs to student successes and community engagement. Each of these stories showcases the collective effort that makes our department a hub of growth, innovation, and collaboration.

As we continue to move forward, I encourage each of you to contribute to the ongoing success of our department, whether through sharing ideas, collaborating on research, or simply supporting one another. The strength of our department lies in the contributions of every member of our community, and I am confident that together, we will continue to achieve even greater things.

Thank you for your continued commitment to excellence. I hope you enjoy reading this edition and look forward to the many exciting developments ahead.

Warm regards,
Dr. S. V. Kayalvizhi
Head of Department/Editor
Electrical and Electronics Engineering

About the department
Programs offered

DEGREE	PROGRAMME	INTAKE
B.E	Electrical & Electronics Engineering	60
M.E	Power Electronics & Drives	**12**
Ph.D. (Research)	Electrical & Electronics Engineering	

RESEARCH ACTIVITIES

Dr. S.V. KAYALVIZHI

❑ Abish lal, Joel, Vijins, Darbin jose conducted research on a " Hybrid Electrical Bicycle for Remote charging of Agricultural land " project during their UG in the year of 2023 - 2024.

Er. P. SUJI GARLAND

❑ M. Ahil, R. S. Altrin, V. Blessed John, Garick Subin conducted research on a " Hybrid Energy Source for EV Charging " project during their UG in the year of 2023 – 2024.

Dr. M. GERMIN NISHA

❑ Bashlin Rancy, Bernisha, Dalni, Sairam conducted research on a " Fingerprint Doorlock system using Arduino " project during their UG in the year of 2023 - 2024.

❑ Ashika G conducted research on a " Air quality Forcast using convolution neural Network " project during their PG in the year of 2023 - 2023

JOURNAL PUBLICATIONS

Dr. M. Marsaline Beno,

❑ **M. Marsaline Beno ,K Murugan, R Sankar, M Ganesan** "An optimal approach to DC multi-microgrid energy management in electric vehicles (EV)" published a paper on Taylor & Franc, 64 (4), 1171-11-issue 2023.

❑ **M. Marsaline Beno, Saravanan,** "A Comprehensive Investigation of Outer Rotor Permanent Magnet Switched Reluctance Motor for Enhanced Performance in Electric Vehicles" published a paper on IEEE, 10.1109/ICJECE.2023.3316261, Vol-46, 4,342-347-Issue 2023.

❑ **M. Marsaline Beno ,Amuthan,** "IOT based adjustment mechanism for direct reference model adaptive IMC to support voltage sag in DFIG wind farm" published a paper on Elsevier -issue 2023..

Dr. M. Germin Nisha

❑ **M. Germin Nisha ,J. Vanitha *, S. Ebenezer Juliet,** "Gain enhancement and coupling reduction in four port e-shaped patch antenna array with DGS for synthetic aperture radar and MIMO applications" published a paper on Environmental Protection and Ecology. Vol 24, I 8, B-issue 2023.

❑ **M. Germin Nisha ,G. R. Ashika** "Air quality forecasting using convolutional neural networks" published a paper on Journal of BOHRInternational.

https://doi.org/10.54646/bijiam.2023.18, issue-2023.

- **M. Germin Nisha, S. Anish** "Develop Emperor Penguin Optimizer for Speed Regulation of BLDC Motor Using PV-Based Z-Source Inverter" published a paper on Taylor and Francis, https://doi.org/10.1080/15325008.2023.2246465, Issue -2023.

- **R. Anuja, T. S. Sivarani** "Fuzzy Fractional Order Proportional Integral Derivative Controller Design for Higher order Time Delay Processes" published a paper on International Journal of Uncertainty, https://doi.org/10.1142/S0219488523500174, Vol-31(2) 327-349, issue-2023.

- **P. Ansho** "Egret Swarm Optimized Distributed Power Flow Controller for Power Quality Enhancement in Grid Connected Hybrid System" journal in SpringerLink, https://doi.org/10.1007/s42835-023-01679-6. Issue - 2023

CONFERENCE

Er. A. Darwin Jose Raju

- **S. Solai Manohar, A. Annie Steffy Beula** presented a paper "A Behaviour Modelling And Analysis Of Lithium Ion Battery" in the 2023 2nd International Conference for Innovation in the year of 2023. DOI-10.1109/INOCON57975. 2023.10101040.

Dr. J. Merry Geisa

- Presented a paper "Comparison study of feature descriptors based emotion recognition with multiple machine learning algorithms" in the Multidisciplinary Research And Innovation in the year of 2023.

- Presented a paper "A novel deep learning method for classifying covid-19" in the Multidisciplinary Research And Innovation in the year of 2023.

Er. Almond D'Souza

- Presented a paper "Ground Water Investigation" in the Multidisciplinary Research and Innovation in the year of 2023.

- Presented a paper "Detection of Underground Objects Using GPR" in the Multidisciplinary Research And Innovation in the year of 2023

- Presented a paper "Antenna Designing for Ground Penetrating Radar" in International Conference of Energy Efficient Technology in the year of 2023.

Er. V. Vinil Dani

- Presented a paper "Embedded system based hand gesture controlled wheel chair" in the International Conference of Energy Efficient Tech in the year of 2023.

Er. S. Shiny

- Presented a paper "Power Performance and Emission Analysis of Outboard Diesel Engines by use of Waste cooking oil Biodiesel" in ICATCHCOME 2023 in the year of 2023.

- Dr. M. Marsaline Beno presented a paper "Efficiency improvement in smart grid using Enhanced Chaotic Crow search optimization" in Advanced Computing and Communication Technology in the year of 2023.

AWARDS / RECOGNITION

S.No	Staff Name	Details	Sponsor	Awarded date
01	Dr. M. MARSALINE BENO	Mamma Ada Award 2024	MAMMA ADA TRUST, ITALY	2024-02-04
02.	Dr. A. DARWIN JOSE RAJU	National level Professional Achievement	IEEE Madras Section	2023-10-14
		Ethics Champion (International level)	IEEE	2023-09-22
03.	Dr. M. JOHN BOSCO	Judge	Tech Fest 2024 @ SXCCE	2024-03-14
		Centum Result Appreciation	SXCCE	2023-12-22
		Best Innovator Award	SXCCE	2023-12-22
		Best Research Contributor Award	SXCCE	2023-12-22
04.	Dr. S. S. SELVA PRADEEP	Judge-Paper presentation-National level Tech Sympo	FOSSEE	2024-03-20
		centum result	SXCCE	2024-01-19
05.	Er. ABRAGAM SIYON SING.M	Resource Person for Workshop	Shri Vishnu Engineering College for Women, AP	2023-06-23
06.	Dr. V. JESUS BOBIN	IGEN ENERGATHON 2024 Ambassador	IGEN	2024-05-18
		Judge for PATLN contest	IET SXCCE	2023-10-27
07.	Dr. J. LEON BOSCO RAJ	Judge for poster presentation	Centre of Research, SXCCE.	2024-03-13
		Judge for poster presentation	IET on campus	2024-03-01

CONF/FDP ORGANISED

Dr. A. Darwin Jose Raju

❑ He was the Chief Guest for the IEEE Student Branch Inauguration at Rohini College of Engineering and Technology during the academic year 2023–2024. The event took place on January 23, 2024, at the University level.

Er. Almond D'Souza

❑ He coordinated a Faculty Development Program (FDP) on "Design on On/Off Grid Solar System" under the Naan Mudhalvan initiative. This international-level event was held from July 24 to July 28, 2023.

Dr. S.S. Selva Pradeep

❑ He was part of the Organizing Committee for the SDG-713 Fest, organized by ENSAV CLUB and IET-SXCCE during the academic year 2023–2024. This national-level event was held on October 14, 2023.
❑ He coordinated a state-level seminar on "IET-Carrier Guidance," organized by Green Tech Training and Services, Nagercoil, on August 12, 2023.
❑ He coordinated the state-level PATW Contest, organized by IET-SXCCE On-Campus, on October 27, 2023.
❑ He coordinated the Engineers Day Competitions, a state-level symposia event organized by IET-SXCCE On-Campus on September 16, 2023.

Dr. Jesus Bobin V

❑ He organized a university-level seminar on "Entrepreneurial Skills on Product Portfolio Development," conducted by IIC-SXCCE on March 6, 2024.
❑ He coordinated the "Energy Saving Awareness Program," a university-level seminar organized by EnSav Club-SXCCE on March 9, 2024.
❑ He coordinated a university-level seminar on "Campus Visit to SXCCE for Amala Convent School Students," held on October 4, 2023.
❑ He was part of the Registration Committee for the Faculty Development Program (FDP) on "Electric Vehicle Technology," organized by the EEE Department of SXCCE from November 22 to November 23, 2023.
❑ He was an Organizing Member for the SDG-713 Fest, a national-level symposia event organized by EnSav Club/SXCCE on October 14, 2023.

Dr. J. Leon Bosco Raj

❑ He was an Organizing Member for the "FOSS Frontiers 2024" symposia, organized by SXCCE & Spoken Tutorial Bombay at the national level on March 20, 2024.
❑ He was an Organizing Member for the SDG-713 FEST, a national-level symposia event organized by SXCCE G9 EnSave Club on October 14, 2023.

CONF/FDP ATTENDED

Dr. A. Darwin Jose Raju

❑ He attended a university-level workshop on "Electric Vehicle Technology" at St. Xavier's Catholic College of Engineering, organized by TVS Training and Services Ltd., from November 22 to November 23, 2023.
❑ He participated in the state-level "IEEE Student Branch Officer's Training" workshop organized by the IEEE Madras Section at Anna University on October 14, 2023.
❑ He attended a university-level seminar on "R&D Funding: Opportunities and

Challenges" at St. Xavier's Catholic College of Engineering, organized by the Centre for

Research and Development, on October 17, 2023.

❑ He participated in the national-level "IEEE WIE Social Innovation Camp 2023" workshop at KPR Institute of Engineering and Technology, organized by IEEE, from November 4 to November 5, 2023.

Dr. J. Merry Geisa

❑ She attended a national-level Faculty Development Program (FDP) on "Big Data Analytics in Smart Grid" at SXCCE, organized by AICTE, from February 12 to February 16, 2024.

❑ She participated in an international-level FDP on "Recent Advances in C and I with Integration of AI," conducted online by UEM, Kolkata, from April 1 to April 5, 2024.

❑ She attended a national-level seminar on "R&D Funding: Opportunities and Challenges" at SXCCE, organized by the Centre for Research and Development, on October 17, 2023.

Dr. S.V. Kayalvizhi

❑ She participated in the international-level "International Conference on Computational Intelligence and Data Analytics" at SXCCE, organized by CSE and AIDS, from March 21 to March 23, 2024.

❑ She attended a national-level FDP on "Effective Engineering Teaching in Practice," conducted online by NPTEL, from January 1 to February 29, 2024.

❑ She participated in a national-level FDP on "Artificial Intelligence, Machine Learning, Renewable Energy Sources - An Integrated Approach," conducted online by Sathyabama Institute of Science and Technology, from March 18 to March 22, 2024.

Dr. M. John Bosco

❑ He attended an international-level conference on "Electrical, Electronics, and Communication Technology (ICEECT'24)" at PERI Institute of Technology on April 27, 2024.

❑ He participated in a national-level FDP on "Teaching and Learning in Engineering (TALE)," conducted online by NPTEL, from January 1 to February 29, 2024.

❑ He attended a national-level FDP on "Developing Soft Skills," conducted online by NITTTR - Chandigarh, from February 12 to February 16, 2024.

Er. Almond D'Souza

❑ He participated in a national-level Faculty Development Program (FDP) on "Coastal Tourism Development" at SXCCE from June 27 to July 28, 2023.

❑ He attended a national-level workshop on "Electric Vehicle Technology" at SXCCE, organized by TVS Training and Services, from November 22 to November 23, 2023.

Dr. Jesus Bobin V

❑ He attended an international-level seminar on "G-20 Youth Ministry Talk on Inclusion of Financial Architecture & IG," conducted online by IGEN on March 17, 2024.

❑ He participated in the international-level "VIBBGGYOR4ENERGY TUESTALKS 01" conference, conducted online by IGEN on April 30, 2024.

❑ He attended an international-level FDP on "Generative AI in Teaching and Learning" at SXCCE, organized by IQAC, SXCCE, on November 23, 2023.

Dr. J Leon Bosco Raj

❑ He participated in a national-level FDP on "Big Data Analytics in Smart Grid" at St. Xavier's Catholic College of Engineering, organized by NITTTR, Chandigarh, from February 12 to February 16, 2024.

Er. S. Shiny

❑ She attended a national-level FDP on "PLC using Simatic" at Government College of Engineering, Tirunelveli, organized by Naan Mudhalvan Tamil Nadu Government, from July 24 to July 28, 2023.

Dr. M. Germin Nisha

❑ She participated in a national-level FDP on "Big Data Analytics in Smart Grid" at SXCCE (Remote Centre), organized by NITTTR, Chandigarh, on March 7, 2024.

ONLINE COURSE COMPLETION

Dr. A. Darwin Jose Raju

❑ Completed an online course on "Outcome-Based Curriculum and Accreditation Criteria" from NITTTR, Chandigarh, held from July 3 to July 7, 2023. He received a participation certificate.

Dr. J. Merry Geisa

❑ Completed an online course on "Advanced Instructional Methods," offered by NITTTR, Bhopal, through Swayam. The course lasted from August 1 to October 31, 2023, and she received a participation certificate.

Dr. S.V. Kayalvizhi

❑ Completed an online course on "Effective Engineering Teaching in Practice," conducted by NPTEL through Swayam, from January 1 to February 29, 2024. She received a Silver Medal certification on March 24, 2024.

❑ Successfully completed an online course on "Arduino" from August 30 to October 6, 2023, and passed the exam.

Er. Almond D'Souza

❑ Completed an online course on "Moodle Test for Teachers" from November 18 to December 18, 2023, and received a participation certificate.

❑ Completed an online course on "Arduino," conducted by the Spoken Tutorial Project, from September 6 to November 6, 2023, and passed the exam.

Dr. S. S. Selva Pradeep

❑ Completed an online course on "Spoken Tutorial - Arduino" on October 9, 2023, and passed the exam.

Er. P. Suji Garland

❑ Completed an online course on "Moodle Test" from September 1 to December 1, 2023, with an exam on January 6, 2024, and passed the course.

❑ Completed an online course on "Arduino Test" from September 1 to December 1, 2023, and successfully passed the exam on October 6, 2023.

Er. Abragam Siyon Sing. M

❑ Completed an online course on "Arduino," conducted by IIT Bombay, from July 1 to July 28, 2023. He received a participation certificate after the exam on September 28, 2023.

Dr. Jesus Bobin V

❑ Completed an online course on "Arduino," conducted by IIT Bombay, from September 6 to October 5, 2023, and passed the exam on October 6, 2023.

Dr. J Leon Bosco Raj

❑ Completed an online course on "Moodle Test for Teachers" on December 18, 2023, conducted by the Spoken Tutorial Project, IIT Bombay, and passed the exam on June 4, 2024.

❑ Completed an online course on "Arduino," offered by the Spoken Tutorial Project, IIT Bombay, on October 6, 2023, and passed the exam.

❑ Completed an online course on "Outcome-Based Curriculum and Accreditation Criteria" from NITTTR, Chandigarh, held from July 3 to July 7, 2023. He received a participation certificate.

Er. S. Shiny

❑ Completed an online course on "Moodle Test for Teachers," conducted by IIT Bombay, on January 6, 2024, and passed the exam.

❑ Completed an online course on "Arduino," conducted by IIT Bombay, on October 6, 2023, and received an Elite certificate.

Dr. M. Germin Nisha

❑ Completed an online course on "Big Data Analytics in Smart Grid," conducted by NITTTR, Chandigarh, from February 12 to February 16, 2024, and passed the exam on June 20, 2024.

❑ Completed an online course on "Moodle Test for Teachers," conducted by IIT Bombay, from November 2 to December 17, 2023, and passed the exam on December 18, 2023.

CENTER OF EXCELLENCE IN ELECTRIC VEHICLE TECHNOLOGY

We are excited to announce the establishment of our Center of Excellence (CoE) in Electric Vehicle Technology, in collaboration with TVS Training and Services, Chennai on 01 - 08- 2023. This partnership is a significant step forward in our commitment to fostering innovation and excellence in the rapidly growing field of electric vehicle (EV) technology.
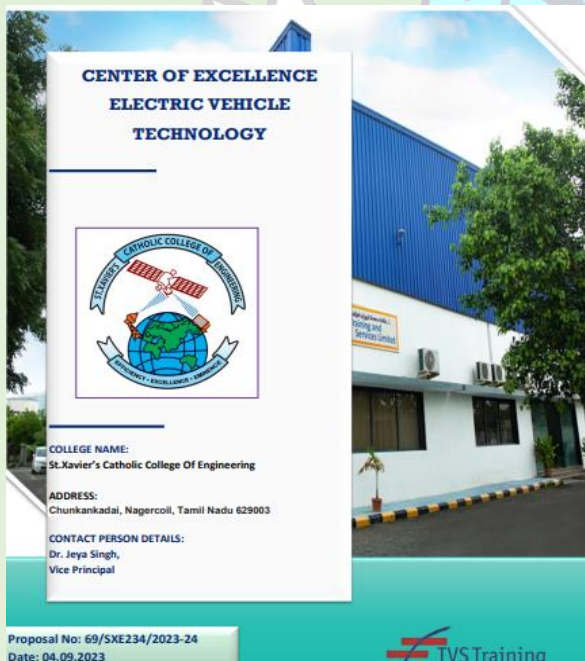

The CoE is designed to provide cutting-edge training, research, and development opportunities in the EV sector, enabling students, professionals, and industry stakeholders to develop the skills needed to succeed in this transformative industry. Through specialized training programs and hands-on experiences, participants will gain in-depth knowledge of electric vehicle design, manufacturing, and maintenance.

With the expertise and industry leadership of TVS Training and Services, our center will offer a comprehensive curriculum that covers a wide range of EV-related topics, including battery. technology, charging infrastructure, vehicle electronics, and more. By working together, we aim to bridge the skills gap and drive innovation in the electric mobility sector.

We are confident that this collaboration will help shape the future of electric vehicles and contribute to building a sustainable and environmentally-friendly transportation ecosystem. We look forward to seeing our students and professionals lead the way in this exciting and impactful field.

Stay tuned for more updates on our programs and initiatives!

STUDENT'S ACHIEVEMENT

Co-Curricular Activities Within the State:

- **Rishu Gran S** secured Second place in Node Tracking at ELECYUVA 2K24, held at Rohini College of Engineering on March 28, 2024.
- **Shiny R, Steny S, and Ashika Jobin A K** won First place in Paper Presentation at FEMTEN 2K24, hosted by Arunachala College of Engineering for Women on April 10, 2024.
- **Sairama V** participated in both Quiz and Paper Presentation at EMFYLIOS 2K24, organized by Ponjesly College of Engineering on April 20, 2024.
- **Bernisha B** participated in Paper Presentation at EMFYLIOS 2K24, held at Ponjesly College of Engineering on April 20, 2024.
- **Shijo Mon J**, Aswin Prince G P, and Vijins V S participated in Paper Presentation at MACH 24, conducted by Rohini College of Engineering and Technology on April 17, 2024.
- **Sridhar V** participated in a Workshop at Nec-Tech Fest 2024, held at National Engineering College on March 22, 2024.
- **Ashmi M and Ashini Jenisha P** participated in Paper Presentation and Quiz at AGCARNIC 24, held at Rohini College of Engineering and Technology on April 16, 2024.
- **Antony Akash S** participated in the Global Conference at Umagine TN, held at Chennai Trade Center on February 23-24, 2024.

Extra-Curricular Activities Within the State:

- **Ashini Jenisha P** won the Excellence Award in Poem Writing at RACE 2024, conducted by FEED Nation, Chunkankadai on March 8, 2024.
- **Sowmiya M** won First place in MovieBuzz and Second place in Spark UR Brain at FEMTEN 2K24, hosted by Arunachala College of Engineering for Women on April 10, 2024.
- **Bernisha B** secured Second place in Innovation Dynamo at ELECYUVA 2K24, organized by Rohini College of Engineering and Technology on March 28, 2024.
- **Steny S** won Second place in Group Dance at Kumari Kalaikazhagam, Nagercoil, on October 7, 2023, and First place at Rotayutsav 2023, hosted by Rotary Club, Nagercoil.
- **Jenin J** participated in Group Dance at the NCC Annual Training Camp, held at Rohini College of Engineering and Technology on August 31, 2023.
- **Shejin Sam S** participated in Volleyball at the NCC Training Camp, conducted at NTA, Idayapatti, on October 30, 2023.
- **Dayanand N S** secured Second place in Basketball at the Sports Zonal Tournaments, hosted by SXCCE on October 19, 2023.
- **Sooraj J** won Third place in Football at the AU Zonal Tournaments, held at MET Engineering College from October 16-18, 2023.
- **Vijins V S and Aksho Selgin R** participated in the NCC Annual Training Camp, conducted at Scott Christian College, Nagercoil, and NTA, Idayapatti, on July 20, 2023, and October 30, 2023, respectively.

Activities Outside the State:

- **Akash S** participated in Project Expo at Techno-Exhibition 2024, hosted by Dr. Ambedkar Institute of Technology, Bangalore, on April 13, 2024.
- **Jenin J** participated in the Army Attachment Training Camp at 10 Engineer Regiment, Secunderabad, on January 20, 2024.
- **Shejin Sam S** participated in the SSB Coaching Capsule and CATC 17/SSB Capsule, held at NCC Group Headquarters and NCC Complex, Puducherry, from January 19-28, 2024.

Participations Through Professional Bodies:

- **Dinesh D** won First place in the Find Me Contest at Science Day, hosted by SXCCE on February 28, 2024.
- **Dinesh D** participated in the IEEE Madras Section Student Project Funding Contest, held at Birla Planetarium, Chennai, on May 25, 2024.
- **Kanimozhi K, Ashika E R, and Vijesh V,** participated in IGEN Green Day 2023, hosted by SXCCE on October 26, 2023.
- **Dinesh D and Alan Lal M A** participated in IEEE Xtreme 17.0 Programming Competition, held on October 29, 2023.

Funded Projects:

- **Kanimozhi K** received ₹2,000 for an eSim Circuit Simulation Project, funded by Spoken Tutorial, IIT Bombay.
- **Harikrishnan** secured a ₹15,000 Semester-Long Internship under the FOSSEE Project at IIT Bombay.

Other Awards & Achievements:

- **Harikrishnan, Sairama V, Bernisha B, and Joshuva Mosay A** were awarded Best Academic Performer at the SEE Valedictory, held on April 22, 2024.
- **Jaculin Rose** received the Best Anchor of the Year Award at the SEE Valedictory on April 22, 2024.
- **Dayanand N S** was recognized as Best Sportsperson of the Year at the SEE Valedictory.
- **Aksho Selgin R** won the Best Volunteer Award at the SEE Valedictory.
- **Steny S** received the IET SXCCE On-Campus Best Volunteer Award at the IET Valedictory (2023-24).
- **Joshuva Mosay A** and Mohammed Abdul Hakim served as Resource Persons at IEEE SB Inauguration, Rohini College of Engineering, on January 23, 2024.
- **Jenin J, Vijins V S, and Erudite Wren J** passed the Certificate B Exam under NCC on August 23, 2023.

Activities Inside the College:

- **Blesson B Kurian** won First place in Project Showcase at Tech Fest 2023, held on March 13, 2024.
- **Jenin J** won First place in Video Presentation at Engineer's Day, held on September 16, 2023.
- **Harikrishnan** won Second place in Poster Presentation and First place in Idea Presentation at Engineer's Day.
- **Kanimozhi K** secured Second place in Adzap at Engineer's Day.
- **Harikrishnan and Joshuva Mosay A**, won the Best Project Award at Tech Fest 2023 on March 14, 2024.
- Various students participated in Sports Day, TechXplore 2024, SDG 713 Fest, and other inter-college competitions.

GALLERY

SEE Association activities

2021- 2024 BATCH STUDENTS

St. Xavier's Catholic College of Engineering

(AUTONOMOUS)
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