

*e-Newsletter 2021-2022*



*EEE*

*e*

*Connect*

*Work with more frequency  
Less Resistance*

*Department of  
Electrical and Electronics Engineering*

St. Xavier's Catholic College of Engineering  
Chunkankadai.



## **President**

**Dr.A.Darwin Jose Raju, M.E, Ph.D.,**  
Head of Electrical and Electronics Engineering

## **Editor**

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

## **Special Contributors**

**Website :Er. M. AbragamSiyon Sing, M.E,**  
Assistant Professor

**Faculty Advisor :Dr.GerminNisha, M.E,Ph.D**  
Assistant Professor

**Technical Support :Mr. G. SahayaGlitus,**  
Skilled Assistant

Student representatives

K.T.Braneesh

R.Rich Brindha

M.B.Mabish

## 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
<p>To transform our students into fully-functioning human persons and empowering leaders with autonomy and passion for continuous self-learning.</p> <p>To equip them with contemporary scientific and technical knowledge with student centered teaching methods.</p> <p>To animate them into pioneering researchers and investors.</p> <p>To train them to excel with cutting edge technical, entrepreneurial and managerial skills for a successful career.</p> <p>To expose them to challenging opportunities of self-discovery and to commit themselves to lead a value-based life of humane service.</p> <p>To recruit faculty who inspire the students with their passion for knowledge and transmit knowledge to the students by teaching and learning methods, lead them by example in high-end researchers, and edify the students with their life of integrity and ethics.</p> <p>To provide standard infrastructure, serene and stimulating environment that is most conducive to learning.</p> <p>To develop avenues of continuous and responsive collaboration with stakeholders for the optimal development of the students and institution.</p>	<p>Efficiency that leads to Excellence</p> <p>Excellence that leads to Eminence</p> <p>Genuineness that leads to authenticity</p> <p>Transparency that leads to credibility</p> <p>Person centeredness that leads to family-ness</p> <p>Appreciation that leads to high motivation</p> <p>Altruism that leads to humane service</p> <p>Critical thinking that leads to scientific approach</p> <p>Fidelity that leads to responsibility</p> <p>Knowledge that leads to wisdom</p> <p>Innovative research that leads to inventions</p> <p>Hardwork that leads to achievements</p> <p>Eco friendliness that leads to protection of nature</p> <p>Aesthetic campus that leads to serene environment</p> <p>Fiscal discipline that leads to economic sustainability</p> <p>Feedback that leads to responsivity</p> <p>Spirituality that leads to committed service.</p>

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

<b>Vision</b>	
	Producing globally competent professionals, innovative researchers and successful entrepreneurs in the field of Electrical and Electronics Engineering for developing a technically empowered humane society
<b>Mission</b>	
M 1	To impart high quality technical education in Electrical and Electronics Engineering with high caliber 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
<b>Program Educational Objectives (PEO)</b>	
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 needs of the society and industry within realistic constraints
<b>Program Outcomes (PO) (with Graduate Attributes)</b>	
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 analyze 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 modeling 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 one's 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.

#### HOD's message

I'm honoured in writing the message for the Department News Letter. It is the joyous occasion of the members to share the success journey of the academic year 2021-2022. I appreciate the efforts of students, staff and everyone behind this News Letter. This newsletter focuses the experience of the students through special seminars, workshops, conferences and industrial visits. Also, it provides continuous motivation and freedom to the students who work to do technical contributions useful to the society. I congratulate everyone who contributed their achievements and works to the News Letter and best wishes to all the future achievers.

Happy Reading!!!

## The Editor's Voice....



Dr.S.V.Kayalvizhi

Greetings and welcome to this issue of the e- Newsletter 'e Connect'. I am exhilarated in establishing this newsletter which is a reference of the most recent trends and activities in Electrical and Electronics field. I am glad to welcome staff and students with more interest in participating in various activities. I wish them to experience victory in all of their future endeavours.

I thank our beloved correspondent, Principial, staff and students for making this dream possible.

### PROGRAMS OFFERED

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



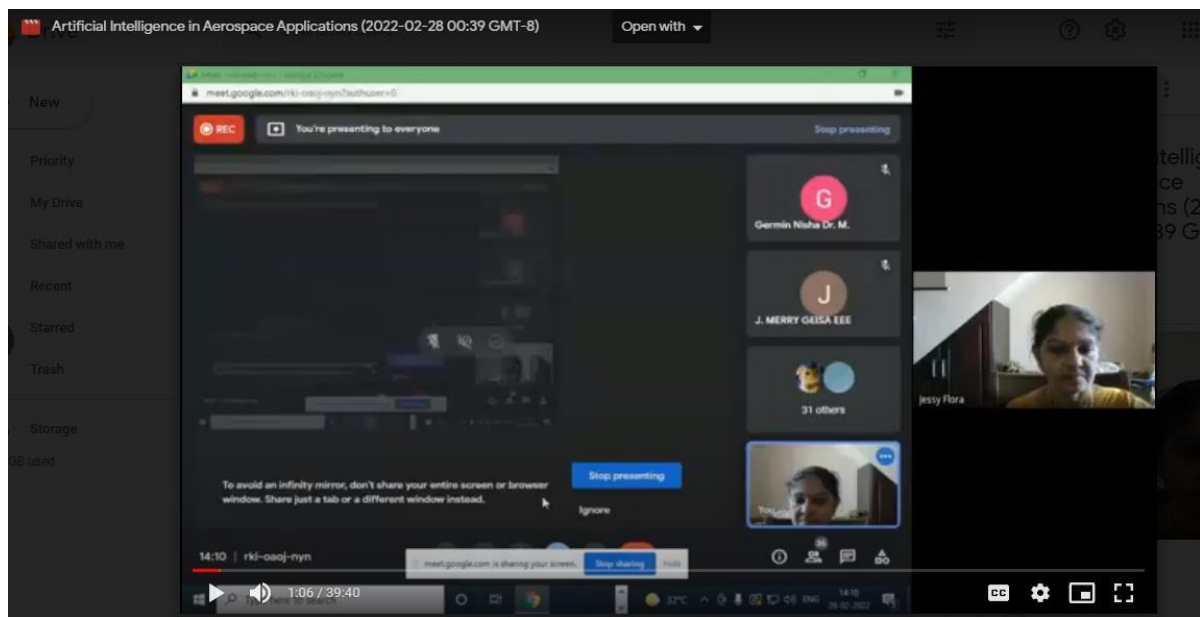
## **GALLERY**



**Python API by Mr . N. Ragavan, Digital Marketing Manager, Vollmond Academy, Nagercoil on 01/04/2022**



**Job Opportunities a 60 dayChallenge by Angelin Indira Jeevamony, Founder and CEO, Ed-Zoe on 24/03/2022**

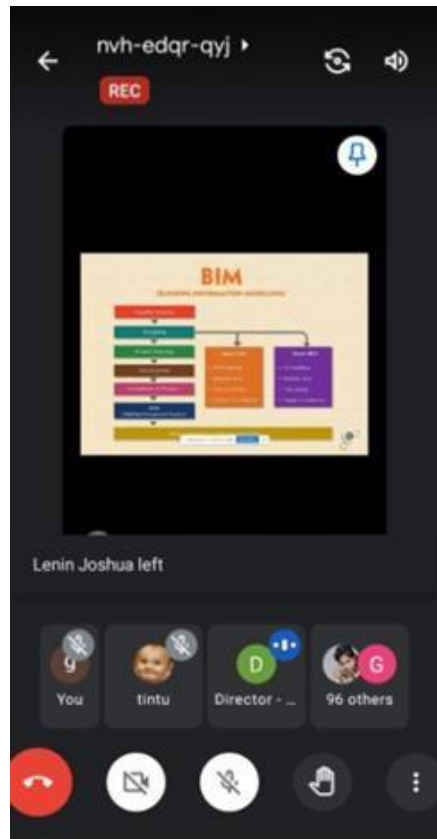


**Artificial Intelligence in Aerospace Applications Dr. J. Jessi Flora/ General Manager(R)/ IPRC /ISRO on 28/02/2022**



**Workshop on Getting started with Arduino by Er.Benny Jackson, IT Administrator, ASIR Technologies.on 20/11/2021**

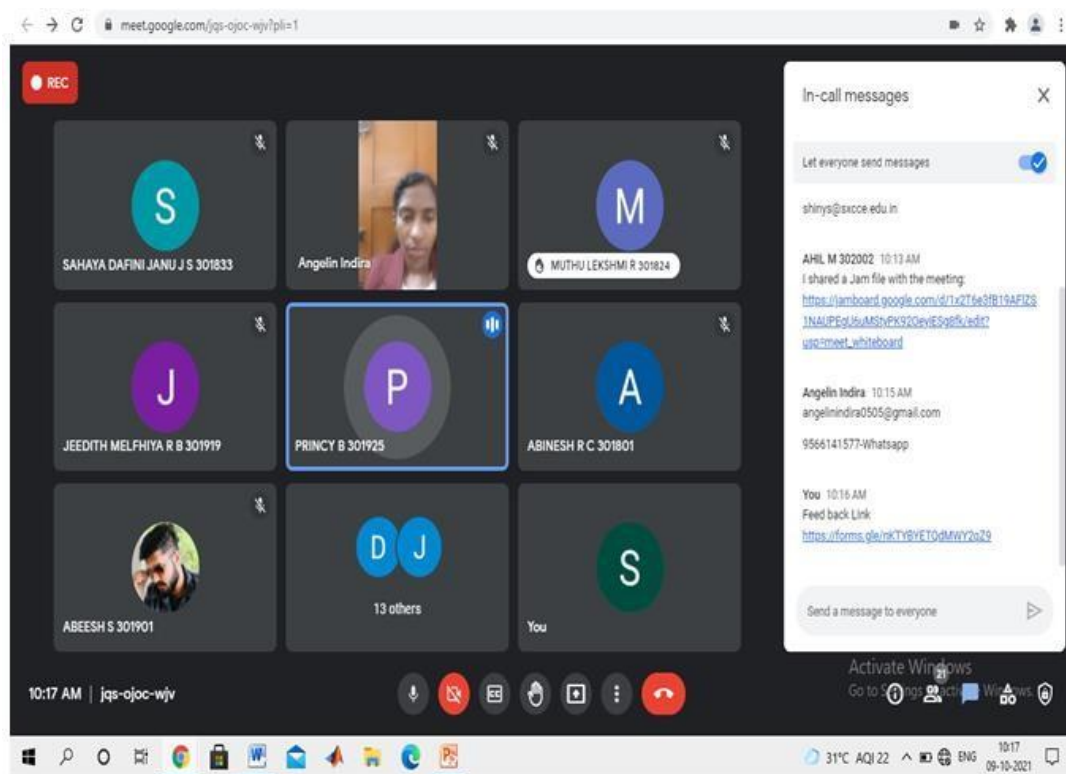




**BIM for an Electrical Engineer by Mr. Mohammed Sherfuddin/ Chairman, Ms.Tintu Joy/ Design Engineer, Ms.Siddiqa/ HR, Unique groups on 06/11/2021**



**Workshop on PCB design by Dr. V. Suresh, Professor, ECE, MarEphraem College of Eng. and Tech. and Dr. S. V Kayalvizhi, AP, EEE on 21/10/2021**



**Entrepreneurship, Growth and Future by Angelin Indira Jeevamony, Founder and CEO, Ed-Zoe on 09/10/2021**

**Research Activities  
Report**

Sl.No	Staff Name	UG/PG	Student Name	Title	University	Year
1	Mr.Almond D'souza	UG	Jebin, dinesh, saravanan, ajin	IOT based detection of underneath minerals	Anna University	2021
2	Mr.George Ansfer.A	UG	Dravid Vishal Vergin Mershel Shajan	IOT Based Home Automation System	Anna University	2021
3	Dr. M. Germin Nisha	UG	Mini Project	Implementation of robotic arm using Arduino	Anna University	2021

## Research Supervision Report

Sl . No	Staff Name	Research Area	Supervisor	University	Reference no	Faculty	Department	Scholar doing	Scholars Completed
1	Dr. M. Marsaline Beno	Electrical Drives and Control, Smart Grid & AI Technologies	Yes	Anna University	2330124	Electrical and Electronics Engineering	EEE	11	5
2	Dr. J. Merry Geisa	Power Electronics, Control System	Yes	Anna University, Chennai.	2830061	Electrical Engineering	Electrical and Electronics Engineering	7	3
3	Dr.M.Carolin Mabel	Renewable energy systems, Power systems	Yes	Anna University	1630026	Electrical Engineering	Electrical and Electronics Engineering	2	4
4	Dr. M. Germin Nisha	Control System	Yes	Anna University	2730052	Electrical Engineering	Electrical and Electronics Engineering	7	1

## JOURNAL PUBLICATIONS

Sl. No	Authors	Title	Journal	Publisher	ISSN	Year	Vol-Issue-Page	Impact
1	Ms.Carolin S, Dr.M,Marsaline Beno	A Grey Wolf Optimized 15-Level Inverter Design with Confined Switching Components	Intelligent Automation and Soft Computing	Tech Science Press	2326-005X	2021	31-3-1753-1769	1.647
2	Dr.A. Darwin Jose Raju, A. S.Karthika, Kavyashree Prakashan and R. Ankayarkanni	Reframing the Possibilities in Health care using Blue Brain Technology	BOHR International Journal of Computer Science	BOHR		2022	Vol. 1, No. 1,	
3	Dr.A. Darwin Jose Raju, C. Seldev Christoper, A. Subitha, J. Bright Jose, A. S. Karthika and S. L. Krishna Priya	Welfare of Education in Kanyakumari District	BOHR International Journal of Finance and Market Research	BOHR		2022	Vol. 1, No. 1,	
4	Ms. P. V.Deepa, S. Joseph Jawhar, and J. Merry Geisa	Diagnosis of Brain Tumor Using Nano Segmentation and Advanced-Convolutional Neural Networks Classification	Journal of Medical Imaging and Health Informatics	American Scientific Publishers	2156-7018	2021	Vol. 11, No 12,	0.659

5	Mr.S.S.Selva Pradeep,M .Marsaline Beno	Hybrid Sensor less Speed Control Technique for BLDC Motor Using ANFIS Autom ation	Intelli gent Auto matio n & Soft Comp uting	Tech scien ce Press	10 79 - 85 87	20 22	1757 ?177 0	0
6	Ms.M. Nisha, M. Germin Nisha,	Optim um Tuning of Photov oltaic System Via Hybrid Maxim um Power Point Tracki ng Techni que	Intelli gent Auto matio n & Soft Comp uting	Tech Scie nce Press		20 22	34-2- 1399 - 1413	0
7	Ms.R. Anuja, T.S. Sivarani , M. Germin Nisha	Optim al tuning proced ure for fopid control ler of integra ted industr ial proces ses with deadtime	BULL ETIN OF THE POLI SH ACA DEMY OF SCIENCES	PAS		20 22	Vol. 70(1)	0

## CONFERENCE/FDP ORGANISED REPORT

Sl. No	Staff Name	Type	Year	Program me	Agency	Role	Int./Nat.	From Date	To Date
1	Dr. A. Darwin Jose Raju	Conference	2021 - 2022	IEEE YESIST 1 2 -2021	IEEE	Co- Chair Outreac h Commit tee	Internati onal	2021-09-18	2021-09-20
2	Dr. A. Darwin Jose Raju	Conference	2021 - 2022	IEEE YESIST 1 2 -2021	IEEE	Speaker	Internati onal	2021-09-20	2021-09-20
3	Dr. A. Darwin Jose Raju	Seminar	2021 - 2022	Guideline s for Preparing a Strong IEEE SIGHT Group Petition	IE E E SI G H T	Speaker	Internati onal	2021-10-01	2021-10-01
4	Dr. S.V. Kayalvizhi	Workshop	2021 -- 2022	PCB design	SEE	Resourc e person	State	2021-10-21	2021-10-21
5	Almon D D'souza	Seminar	2021 -- 2022	BIM FOR AN ELECTR I CAL ENGINE ER?	St Xavier Catholi c College of enginee ring	particip ant	National	2021-11-06	2021-11-06
6	Dr. M. Carolin Mabel	FDP	2020 -- 2021	Power System Analysi s	SXCC E,CF D,AU sponsor	Resourc e person	State	2021-06-28	2021-06-28



					ed				
7	Dr. Jain B. Marshel	FDP	2021 -- 2022	FDTP on Power System Analysis	CFD, Anna University & EEE, SXCC E	Coordinator	University	2021-06-28	2021-07-03
8	Dr Jain B. Marshel	FDP	2021 -- 2022	FDP on Moodle Learning Management System	Spoken Tutorial, IIT Bombay	Organizer	National	2021-06-21	2021-06-26
9	Mr.Abragam Siyon Sing.M	Seminar	2021 -- 2022	Webinar on Strategies for Energy Management in Buildings	EnSAV Club SXCC E	Organizer	National	2021-10-09	2021-10-09
10	Mr.Jesus Bobin.V	Symposia	2021 -- 2022	FALCON X'22	SEE/SXCC E	Organizer for Quiz	National	2022-05-27	2022-05-27
11	Mr.Jesus Bobin.V	Symposia	2021 -- 2022	FALCON X'22	SEE/SXCC E	Organizer for Circuit debugging	National	2022-05-27	2022-05-27
12	Mr.Jesus Bobin.V	Seminar	2021 -- 2022	Energy Saving awareness campaign	EnSAV Club - SXCC E	Organizer	University	2022-03-26	2022-03-26

13	Mr. Jesus Bobin.V	Seminar	2021 -- 2022	National Energy Conservation day	Green 9 SXCE	Organizer	State	2021-12-04	2021-12-04
14	Mr. Jesus Bobin.V	Seminar	2021 -- 2022	Strategies for energy management in buildings	Green 9, EnSav Club, SXCE	Organizer	National	2021-10-09	2021-10-09
15	Mr. J. Leon Bosco Raj	FDP	2021 -- 2022	EE 8501- Power System Analysis	Centre for faculty development, Anna University	Co-ordinator	State	2021-06-28	2021-07-03
16	Dr. M. Germin Nisha	Guest Lecture	2020 -- 2021	Introduction to machine learning	Einstein College of Engineering	Resource Person	State	2021-06-11	2021-06-11

### CONFERENCE/FDP ATTENDED REPORT

Sl. No	Staff Name	Type	Programme	Agency	Int./Nat .	From Date	To Date
1	Dr. M. MARSA LINE BENO	FDP	Unleashing Research Potential	Galgotias University	International	2022-03-07	2022-03-11
2	Dr. M. MARSA LINE BENO	Seminar	Energy Management – Applications and Research Opportunities	National Institute Of Technical Teachers Training	International	2022-04-27	2022-04-27

3	Dr. M. MARSA LINE BENO	Workshop	Innovation Ambassador	MHRD	National	2021-06-30	2021-07-30
4	Dr. M. MARSA LINE BENO	FDP	MATLAB Programming for Simulation and Design	National Institute Of Technical Teachers Training	National	2021-08-09	2021-08-13
5	Dr. M. MARSA LINE BENO	Seminar	Electric Vehicle Design using MATLAB	Pantech Ltd, Chennai	National	2021-08-23	2021-09-21
6	Dr. M. MARSA LINE BENO	Workshop	EV design Internship using Matlab	PANTECH E Learning, CHENNAI	National	2021-09-01	2021-09-30
7	Dr. M. MARSA LINE BENO	Workshop	Familiarization, Handling and Training on Sophisticated Analytical and Energy Audit Instruments for	Karyashala Scheme - A SERB Initiative,NITT	National	2021-10-18	2021-10-24
8	Dr. M. MARSA LINE BENO	FDP	Green and Sustainable Development	National Institute Of Technical Teachers Training	National	2021-10-25	2021-10-29
9	Dr. M. MARSA LINE BENO	Workshop	AICTE EXAM REFORM	AICTE	National	2021-10-19	2021-10-21
10	Dr. J. MERRY GEISA	Seminar	BIM for an electrical engineer	Dept of EEE, SXCCE	National	2021-11-06	2021-11-06
11	Dr. S.V. KAYAL VIZHI	FDP	Research Methodology and IPR	Reach association,civil	National	2022-02-21	2022-03-25

12	Dr. S.V. KAYAL VIZHI	FDP	Industry 4.0 and Electric vehicles	AICTE/ISTE, PSG tech ,Coimbatore	National	202 2- 01- 17	202 2- 01- 22
13	Dr. S.V. KAYAL VIZHI	FDP	Electronic Waste Management - Issues And Challenges	nptel,IIT Kahargpur	National	202 2- 01- 24	202 2- 02- 18
14	Dr. S.V. KAYAL VIZHI	Seminar	?BIM FOR AN ELECTRICAL ENGINEER?	SEE	State	202 1- 11- 06	202 1- 11- 06
15	Dr. S.V. KAYAL VIZHI	FDP	Virtual and Augmented Reality for Robotics	Atal	National	202 1- 07- 12	202 1- 07- 16
16	Dr. S.V. KAYAL VIZHI	FDP	Recent Trends and Developments in Teaching Pedagogy	DMI Engg college,Aralvoim ozhi	National	202 1- 08- 26	202 1- 08- 27
17	Dr. S.V. KAYAL VIZHI	Seminar	Modelling Of System And Design Of Controller Using Matlab	DMI Engg College,Chennai	National	202 1- 06- 25	202 1- 06- 25
18	Dr. S.V. KAYAL VIZHI	Seminar	Sustainable Material Development And Marketing Strategies For Urban India	S R University,Telen gana	National	202 1- 06- 16	202 1- 06- 19
19	Dr. S.V. KAYAL VIZHI	FDP	Challenges in energy management for smart cities	AVIT	International	2021 - 06- 07	2021 - 06- 11
20	Dr. S.V. KAYAL VIZHI	Seminar	Design thinking	SXCCE	National	202 1- 06- 09	202 1- 06- 09

21	Dr. S.V. KAYAL VIZHI	Seminar	IoT in smart cities	SXCCE	National	202 1- 06- 14	202 1- 06- 14
22	Dr. S.V. KAYAL VIZHI	Seminar	How To Successfully Write a Journal Paper and Project Proposal	DMI Engg College,Chennai	National	202 1- 06- 18	202 1- 06- 18
23	Dr. S.V. KAYAL VIZHI	Seminar	INDUSTRIAL AUTOMATI ON AND INDUSTRY 4.0	DMI Engg College,Chennai	National	202 1- 07- 02	202 1- 07- 02
24	Dr. M. JOHN BOSCO	FDP	Research Methodology and IPR	St. Xavier's Catholic College of Engineering	National	202 2- 02- 21	202 2- 02- 25
25	Dr. M. JOHN BOSCO	Works hop	Electric Vehicle Design Master Class	Pantech eLearning Pvt Ltd	Internat ional	202 2- 02- 02	202 2- 03- 03
26	Dr. M. JOHN BOSCO	Seminar	BIM for an Electrical Engineer	SEE / EEE / SXCCE	Nationa l	202 1- 11- 06	202 1- 11- 06
27	Dr. M. JOHN BOSCO	FDP	Challenges in Energy Management for Smart Cities	Aarupadai Veedu Institute of Technology & Vinayaka	Internat ional	202 1- 06- 07	202 1- 06- 11
28	Dr. M. JOHN BOSCO	FDP	Exploring Entrepreneurs hip & Startup Opportunities	SriVenkateshwar aa College of Engineering and Technology	Internat ional	202 1-07- 05	202 1-07- 09
29	Dr. M. JOHN BOSCO	FDP	Power System Analysis	Anna University and SXCCE	National	202 1- 06- 28	202 1- 07- 03

30	Dr. M. JOHN BOSCO	Guest Lecture	Research Aspects in Renewable Energy	Anna University and SXCCE	National	2021-07-03	2021-07-03
31	Mr.ALMON D D'SOUZ A	FDP	emerging technology and innovation in industries	stxaviers cathoolic college of engineering	Internat ional	2021-09-06	2021-09-10
32	Mr.ALMON D D'SOUZ A	FDP	FDTP on Power system analysis	stxaviers cathoolic college of engineering	National	2021-06-28	2021-07-03
33	Mr.ALMON D D'SOUZ A	Seminar	BIM FOR AN ELECTRICA L ENGINEER	St Xavier Catholic College of engineering	National	2021-11-06	2021-11-06
34	Mr.ALMON D D'SOUZ A	Seminar	Organ Donation Awareness	St Xavier Catholic College of engineering	National	2021-10-18	2021-10-18
35	Dr. M. CAROLI N MABEL	Workshop	Course and Instruction Design for Effective Outcome Based Education	IQAC, SXCCE, NAAC sponsored	National	2021-06-10	2021-06-12
36	Ms.W. VINIL DANI	Works hop	One week National Work Shop On outcome based education	NIT trRICHY	National	2021-06-14	2021-06-18
37	Ms.W. VINIL DANI	FDP	Moodle Learning Management System	sxcce	National	2021-06-21	2021-06-26
38	Mr.S.S. SELVA PRADEE P	FDP	FDP on LaTeX	IIT Bombay	National	2022-04-18	2022-04-23



39	Mr.S.S. SELVA PRADEE P	FDP	Renewable Energy and Green Building Entrepreneurs hip	ECE,SXCCE	National	202 1- 09- 06	202 1- 09- 10
40	Mr.S.S. SELVA PRADEE P	FDP	Faculty Development Programme on Moodle Learning Mgt System	IIT-Bombay	National	202 1- 06- 21	202 1- 06- 26
41	Ms.P. SUJI GARLA ND	Workshop	?Smart Energy Systems for Sustainable Smart Cities ? A Research Perspective?	National Institute of Technology Puducherry	National	202 2- 02- 21	202 2- 02- 27
42	Ms.P. SUJI GARLA ND	FDP	Emerging Technologies and Innovations in Industry 4.0	St.Xavier's Catholic College of Engineering	Universit y	202 1- 09- 06	202 1- 09- 10
43	Ms.P. SUJI GARLA ND	Workshop	?Outcome Based Education?	National Institute of Technology,Tiru chirappalli	National	202 1- 06- 14	202 1- 06- 18
44	Ms.P. SUJI GARLA ND	FDP	Hybrid & Electric Vehicle Technologies For Sustainable Mobility (HEVTSM- 2021)	Maharaj Vijayaram Gajapathi Raj College of Enginee	National	202 1- 06- 28	202 1- 07- 03
45	Ms.P. SUJI GARLA ND	Seminar	Need for Migration from Conventional IC Engines to Electric Vehicles	Dr.Mahalingham College of Engg	National	202 1- 08- 16	202 1- 08- 16

46	Dr. JAIN B. MARSH EL	Workshop	National Workshop on Outcome Based Education	National Institute of Technology, Tiruchirappalli	National	2021-06-14	2021-06-18
47	Dr. JAIN B. MARSH EL	Seminar	Webinar on Strategies for Energy Management in Buildings	EnSav Club, SXCCE	National	2021-10-09	2021-10-09
48	Mr.ABRAGAM SIYON SING.M	Works hop	Familiarization, Handling and Training on Sophisticated Analytical and Energy Audit Instruments for	NIT Trichy & SERB India	National	2021-10-18	2021-10-24
49	Mr.ABRAGAM SIYON SING.M	Confer ence	GENDISTRANSCON V2.0	The Institution of Green Engineers(IGEN)	Internat ional	2021-11-26	2021-11-28
50	Mr.ABRAGAM SIYON SING.M	FDP	Six days FDP on Power system Analysis	SXCCE	State	2021-06-28	2021-07-03
51	Mr.ABRAGAM SIYON SING.M	FDP	ATAL FDP on Electric Vehicles	AICTE and NITT	National	2021-06-07	2021-06-11
52	Mr.ABRAGAM SIYON SING.M	FDP	Moodle Learning Management System	IITB and SXCCE	National	2021-06-21	2021-06-26
53	Mr.ABRAGAM SIYON SING.M	FDP	Emerging Technologies and Innovation in Industry 4.0	ECE	State	2021-09-06	2021-09-10
54	Mr.JESUS BOBIN. V	FDP	LaTex	Spoken tutorial-MHRD-IIT Bombay	Internat ional	2022-04-18	2022-04-23

55	Mr.JESUS BOBIN. V	FDP	Moodle Learning Management System	Spoken Tutorial-MHRD-IIT Bombay	International	2021-06-21	2021-06-26
56	Mr.JESUS BOBIN. V	Seminar	Organ donation awareness	YRC (SXCCE)	State	2021-10-18	2021-10-18
57	Mr.JESUS BOBIN. V	Conference	SDG07 and 13 IGEN GENDISTRANS CON v.2.0 2021	Institution of Green Engineers (IGEN)	International	2021-11-26	2021-11-28
58	Mr.JESUS BOBIN. V	Workshop	Familiarization, Handling and Training on Sophisticated Analytical and Energy Audit Instruments	Department of Energy and Environment, NIT, Tiruchi	National	2021-10-18	2021-10-24
59	Mr.JESUS BOBIN. V	Seminar	BIM FOR AN ELECTRICAL ENGINEER	SEE-SXCCE	State	2021-11-06	2021-11-06
60	Mr.JESUS BOBIN. V	FDP	Emerging technologies and innovation in industry 4.0	ELECTROS-SXCCE	National	2021-09-06	2021-09-10
61	Mr.J LEON BOSCO RAJ	FDP	LaTeX	SXCCE & IIT BOMBAY	National	2021-04-18	2021-04-23
62	Mr. J LEON BOSCO RAJ	FDP	Electrical vehicle design	CADD Center	State	2021-09-24	2021-09-24
63	Mr.J LEON BOSCO RAJ	Workshop	MASTER CLASS ON EV Design using MATLAB	Pantech e Learning Pvt Ltd, Chennai	National	2021-08-23	2021-09-21

64	Mr.J.LEON BOSCO RAJ	Workshop	MatLab Simulation of Advanced Power Converters	EEE Dept.,SSN College of Engineering	National	202 1- 10- 26	202 1- 10- 28
65	Mr.J.LEON BOSCO RAJ	Seminar	Strategies for Energy Management in Buildings	G9 EnSAv Club,SXCCE.	State	202 1- 10- 09	202 1- 10- 09
66	Mr.J.LEON BOSCO RAJ	FDP	Moodle Learning Management System	SXCCE & IIT BOMBAY	State	2021 - 06- 21	2021 - 06- 26
67	Mr.J.LEON BOSCO RAJ	FDP	Emerging Technologies & Innovation in Industry 4.0(ETII4.0)	ECE,SXCCE.	State	2021 - 09- 06	2021 - 09- 10
68	Ms.S.SHINY	Workshop	Smart Energy Systems for Sustainable Smart Cities ? A Research Perspective	National Institute of Technology Puducherry	Internat ional	2022 - 02- 21	2022 - 02- 27
69	Ms.S.SHINY	FDP	Renewable energy systems design and development	Jai Shriram Engineering College	Internat ional	2021 - 07- 23	2021 - 07- 24
70	Ms.S.SHINY	FDP	Emerging Technologies and Innovations in Industry 4.0	St.Xavier's Catholic College of Engineering (ECE)	National	2021 - 09- 06	2021 - 09- 10
71	Ms.S.SHINY	FDP	Automation and Intelligent Control of Electrical systems phase-IV	Gudlavalleru Engineering College	Internat ional	2021 - 07- 15	2021 - 07- 20
72	Ms.S. SHINY	Seminar	Research and Innovation on Emerging Technologies to support sustainable Development Goals	Mangalam College of Engineering	Internat ional	2021 - 08- 06	2021 - 08- 06

73	Dr. M. GERMIN NISHA	FDP	Robotics and Artificial Intelligence	ATCTE	National	2022 - 02- 07	2022 - 02- 11
74	Dr. M. GERMIN NISHA	FDP	Challenges in energy management for smart cities	AVIT	Internat ional	2021 - 06- 07	2021 - 06- 11
75	Dr. M. GERMIN NISHA	FDP	AICTE sponsored STTP	SVCE	National	2021 - 07- 09	2021 - 07- 09
76	Dr. M. GERMIN NISHA	Workshop	OBE	AICTE Margdarshan NIT T	Internat ional	2021 - 06- 14	2021 - 06- 18
77	Dr. M. GERMIN NISHA	Seminar	Entrepreneurs hip Development	AMET	National	2021 - 06- 17	2021 - 06- 17

#### ONLINE COURSE COMPLETED

Sl. No	Staff Name	Course	Start	End	Create d By	Exam Date	Certifi cate Level
1	Dr.M.MARSALINE BENO	Internet of Things Master Class	19/09 /2021	18/10 /2021	PANT ECH LTD	19/10 /2021	Partici pation
2	Dr.M.MARSALINE BENO	Essentials of Entrepreneurship	13/09 /2021	12/10 /2021	UCI Divisi on of Contin uing Educat ion	12/10 /2021	Pass

3	Dr.M.MARS ALINE BENO	Energy Efficiency in Electrical Utilities	20/08 /2021	20/09 /2021	EnSav e Consul ting and Traini ng	20/09 /2021	Pass
4	Dr. J. MERR Y GEISA	Renewable energy and green building entrepre neurship	09/11 /2021	29/11 /2021	Duke Univer sity	09/11 /2021	Pass
5	Dr. S.V. KAYA VIZHI	Electronic Waste Manage ment - Issues And Challeng es	24/01 /2022	18/02 /2022	IIT Khara gpur	27/03 /2022	Elite
6	Dr. S.V. KAYALVIZHI	Renewable Energy and Green Building Entrepre neurship	20/11 /2021	09/12 /2021	sxcce	10/12 /2021	Pass
7	Dr. S.V. KAYALVIZHI	Entrepreneurship I: Laying the Foundati on	02/11 /2021	19/12 /2021	sxcce	19/12 /2021	Pass
8	Mr.ALMO ND D'SOU ZA	Entrepreneurship I: Laying the Foundation	01/09/2 021	22/09/ 2021	Univer sity of Illinois at Urban a- Cham paign	22/09/20 21	Partici pation
9	Ms.W. VINIL DANI	Renewable Energy and Green Building Entrepre neurship	25/09 /2021	16/10 /2021	DUKE Univer sity	16/10 /2021	Pass



10	Mr.S.S. SELVA PRADEEP	Renewable Energy and Green Building Entrepreneurship	27/09 /2021	11/10 /2021	DUKE University	11/10 /2021	Pass
11	Ms.P. SUJIGARLAND	Renewable Energy and green building Entrepreneurship	29/09 /2021	16/10 /2021	Duke University	16/10 /2021	Pass
12	Dr. JAIN B. MARSHEL	Renewable Energy and Green Building Entrepreneurship	13/09 /2021	12/10 /2021	Duke University	12/10 /2021	Pass
13	Dr. JAIN B. MARSHEL	Innovation Ambassador training	30/06 /2021	30/07 /2021	AICTE	30/07 /2021	Pass
14	Mr.GEORGE ANSFERA	Renewable Energy and Green Building Entrepreneurship	03/11 /2021	10/12 /2021	Duke University	10/12 /2021	Pass
15	Mr.ABRAGAM SIYON SING. M	Renewable Energy and Green Building Entrepreneurship	16/09 /2021	11/10 /2021	Chris Wedding, Faculty, Nicholas School of the Environment	11/10 /2021	Pass
16	Mr.JESUS BOBIN. V	Renewable Energy and Green Building Entrepreneurship	13/09 /2021	11/10 /2021	Duke University	11/10 /2021	Pass
17	Mr.J.LEON BOSCO RAJ	Renewable Energy and Green Building Entrepreneurship	15/09 /2021	11/10 /2021	Duke university	11/10 /2021	Pass

18	Ms.S. SHINY	Renewable Energy and Green Building Entrepreneurship	25/09 /2021	16/10 /2021	DUKE University	16/10 /2021	Pass
19	Dr. M. GERMIN NISHA	Renewable Energy and Green Building Entrepreneurship	27/09 /2021	16/10 /2021		06/11 /2021	Pass

## **St. Xavier's Catholic College of Engineering**

Chunkankadai, Nagercoil - 629 003

Kanyakumari District, Tamilnadu, INDIA

E-mail :info@sxcce.edu.in, xaviersengg@yahoo.com

web: [www.sxcce.edu.in](http://www.sxcce.edu.in)

Telephone : 91-4652-232560,259662, 227803, 224033, 237361

Fax :91-4652-233982, 259664