



Department of Information Technology

St.Xavier's Catholic College of Engineering

Accredited with 'A' grade by NAAC

All UG programs EEE, ECE & Mech [2018-2019 to 2020-2021]

CE, CSE & IT [2021-2022 to 2023-2024] Accredited by NBA

2022-2023
Issue - 2



From the desk of

Editor-in-Chief

Dr. G Sahaya Stalin Jose

With great pleasure I thank the editorial board of this Newsletter 2022-2023 Issue-1 of the Department of Information Technology of St. Xavier's Catholic College of Engineering. The department nurtures the students to adapt in the fast changing pragmatic world yet maintaining the sensitivity in them. It provides the platform to expose the merits and academic achievements of both staff and students. This is the time that we have adapted ourselves completely to the online learning environment. We were very keen to update the latest technological growth and the local needs. This newsletter brings the brief accounts of both online and offline events held during January 2023 to April 2023 .

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About the Department

The Department of Information Technology was started in the year of 2001 with the intake of 60 students. The Department works with the objective of creating excellent IT professionals to address the challenges faced by the industry and society. The department has laboratories furnished with systems of latest configurations to improve the analytical and practical skills of the students. The department has experienced and committed faculty members to impart quality education, project guidance, personality development and mentoring. We ensure that students are up-to-date with the latest technologies through innovative teaching learning processes, MOOC courses, enrichment and value added programs. Our students are consistently excelling in their placement process with the reputed companies. It provides the platform for their overall development in sports, cultural, curricular, technical & regular academics.

Salient Features


- Strong legacy in 20 years of academic excellence.
- Experienced and Dedicated faculty with 5 Ph.D. holders and 5 pursuing Ph.D's
- Well-equipped air-conditioned laboratories with latest configuration.
- All the classrooms are equipped with wall mounted LCD Projector.

Exploring the Chronicles

National level Technical Symposium
03 March 2023






















Hands-on training - ZOHO Creators
28 February 2023

Achiever's Corner



St. XAVIER'S
CATHOLIC COLLEGE OF ENGINEERING
(Autonomous)
Chunkankasali, Nagercoil - 629003
Kanyakumari District, Tamil Nadu

Department of Information Technology 2022-2023 Placed Students

 Beni T S Zoho, Coimbatore, HR&B Block	 Shalika Safreen S HR&B Block	 Sweety Martin TCS, CSS Corp	 Benny Thomas A Joy Technologies, Digital Logic, Sakshini Pvt. Ltd	 Lijish Wilson S Joy Technologies, Quintessence Business Solutions and Services	 Jennifer R Joy Technologies	 Sabhya Zeenath Bevi A Joy Technologies
 Sanjai M Joy Technologies, Tech Mahindra, H. Block Systems Pvt. Ltd, MahindraSatish	 Shan Pleo Wesley A Joy Technologies, Coimbatore, CSS Corp	 Smyla Lucia J Joy Technologies, Quintessence Business Solutions and Services	 Manikandan S Just Dial	 Beroj CM Just Dial	 Akilan K Tech Mahindra	 Arul Diksha A K Tech Mahindra
 Livingston Jones R Tech Mahindra	 Pradhisha P Vidyanagar, Joy Technologies, Quintessence Business Solutions and Services	 Thoshima B Mahindra, H. Block, Digital Logic, Sakshini Pvt. Ltd	 Shanu Jose A Quintessence Business Solutions and Services	 Akash S Quintessence Business Solutions and Services	 Akil Sashya A Quintessence Business Solutions and Services	 Ashish A L Digital Logic, Solutions Pvt. Ltd.

Staff Achievements

Faculty Name	Faculty Achivement
Dr.G Sahaya Stalin	FDP Attended Free &open source Software for effective curriculum
Dr. Annrose J	FDP Attended Curriculum Design & Evaluation- 06-02-2023 to 11-02-2023
Dr.Suja A Alex	FDP Attended Two day FDP on Teaching for GATE - 04-01-2023 to 06-01-2023
Dr.N Ansgar Mary	FDP Attended Deep Learning - 09-01-2023 to 20-01-2023
Dr.L Josephine Usha	FDP Attended Naan Mudhalvan Industrial Metaverse - 13-02-2023 to 17-02-2023
Er.T M Angelin Monisha Sharean	FDP Attended Outcome Based Curriculum Design - 13-02-2023 to 17-02-2023
Er.G Geo Jenefer	FDP Attended Outcome Based Curriculum Design - 13-02-2023 to 17-02-2023 R - 30-01-2023 to 04-02-2023 Teaching for GATE - 04-01-2023 to 06-01-2023 NAAC, Benchmarks,SOP for autonomous colleges - 18-03-2023
Er.P Agnes Alex Rathy	FDP Attended Outcome Based Curriculum Design - 13-02-2023 to 17-02-2023 R - 30-01-2023 to 04-02-2023

	Future Research and Innovation Technologies - 06-03-2023 to 11-03-2023
Er. Arul Rex A	FDP Attended Python for AI applications - 08-02-2023 to 12-02-2023 Introduction of Internet of Things - 23-01-2023 to 14-04-2023 R - 30-01-2023 to 04-02-2023

Industrial Visits

4th Year



The Students of Final Year B.Tech Information Technology has Visited Agra, Amristar, Manali and Delhi as a study tour from 6th to 16th of January 2023.

3rd Year



The Students of Third Year B.Tech Information Technology has Visited MIT and Vi Micro Systems Pvt. Ltd. - Chennai on 18th and 19th of May 2022.

Achiever's Corner

Achievements in Extra-curricular activities

1.	502125	Gopika.S	Second Prize - Western Dance - Nessamony Memorial Catholic College
			Second Prize - Solo Dance - Sree Ayyappa College for Women
2.	502017	Domme Sandra.D	Second Prize - Western Dance - Nessamony Memorial Catholic College
			Second Prize - Folk Dance Group - Nessamony Memorial Catholic College
			Third Prize - Folk Dance - Sree Ayyappa College for Women
3.	502037	Rishima.T	Second Prize - Folk Dance Group - Nessamony Memorial Catholic College
			Third Prize - Folk Dance - Sree Ayyappa College for Women
4.	502141	Raja Rajeshwari D.C	Third Prize - Folk Dance - Sree Ayyappa College for Women
			Second Prize - Folk Dance Group - Nessamony Memorial Catholic College
5.	501938	Shanu Jose.A	Third Prize - Start Music - CSI Institute of Technology
6.	502032	J.Midhun	Second Prize - Photography - World Water Day Celebration
7.	502145	Rudhra.S.N	Third Prize - Essay Writing - Kumari Muthamil Mandram
8.	502041	Shanjeya Bhaarith I.R	Second Prize - Discus Throw - SXCCE
			Second Prize - Tripple Jump - SXCCE
9.	502008	Amshi Priyal S.J	Third Prize - Relay - SXCCE
10.	502145	Rudhra.S.N	Second Prize - Essay Writing - Tamil Mandram, SXCCE

Journal Publications

Faculty Name	
D. Hevin Rajesh	Authentication of WSN for Secured Medical Data Transmission Using Diffie Hellman Algorithm
J. Annrose	Power performance and emissions analysis of outboard diesel engines by use of waste cooking oil biodiesel
Suja A.Alex	Classification of Imbalanced Data Using SMOTE and AutoEncoder Based Deep Convolutional Neural Network
Suja A.Alex	Spam tweets classification using deep learning
G.Geo Jenefer	Diabetes disease prediction using firefly optimization-based cat-boost classifier in big data analytics

Editorial Board

Editor-in-Chief

Dr. G Sahaya Stalin Jose

Association Advisor

Prof. L. Josephine Usha

Staff Editor

Prof. T M Angelin Monisha Sharean

Student Editor

Mr. J. Midhun

Vision

Creating top-notch Information Technology Engineers, innovative researchers and successful entrepreneurs towards developing a technically empowered humane society

Mission

- M 1.** Providing quality technical education and high caliber skill training that meets the needs of society and latest technical expectations of the industry.
- M2.** Fostering innovative and rigorous research culture among staff and students to find optimal solutions for complex problems.
- M3.** Imparting value-based education to imbibe ethical principles and act with social responsibility, team spirit, and leadership.
- M4.** Promoting and developing entrepreneurial skills of the students and handhold them towards commercial success.