



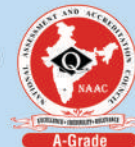
VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

®

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INSIDE OUT

DEPARTMENT OF INFORMATION TECHNOLOGY



INSTITUTE VISION

"Moulding Professionals par Excellence with Integrity Fairness and Human Values".

INSTITUTE MISSION

1. We commit to develop the institution as a Center of Excellence of International Standards
2. We guide our students in the attainment of intellectual and professional competence for successfully coping with the rapid advancements in technologies and the ever changing world of business, industry and services
3. We help each and every student in their personal growth into mature and responsible individuals
4. We strive to cultivate a sense of social and civic responsibility in our students, thus empowering them to serve humanity.
5. We promise to ensure a free environment where quest for the truth is encouraged

VISION OF THE DEPARTMENT

To be a centre of excellence in IT learning and provide value based training to mould students as successful IT professionals.

MISSION OF THE DEPARTMENT

1. To provide an intellectually stimulating and academically vibrant learning environment for students and train them in the basic as well as advanced concepts, knowledge, technology and skills of IT.

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Vol : 14

Issue : 1

2. To promote a nurturing and caring environment and prepare students to achieve their academic and career goals in a globally competitive marketplace.
3. To mould students into ethical and competent professionals who will contribute to the betterment of the community.

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

1. Graduates shall excel in programming and analytical skills enabling them to be professionally competent and find solutions to software based problems
2. Graduates shall have social and ethical values making them socially more acceptable and in being instrumental in uplifting quality of life
3. Graduates shall have positive attitude towards research and entrepreneurship.

PROGRAM SPECIFIC OUTCOME (PSO)

1. Graduates shall have knowledge on smart technologies in the field of IT and are well equipped with cutting edge technologies and concepts.
2. Graduates shall bring in the advantages of technology into the society, so that it will accelerate the development and betterment of people.

NEWSLETTER

PRINCIPAL'S MESSAGE:



Contributing a few lines to the departmental newsletter of Information Technology department gives me immense joy. Technology is changing the world in which we all live, and this has an impact on everyone's lives. This change will take time to materialise, and offers aspirant young professionals the necessary skills and knowledge. With this creative initiative, which is devoted exclusively to highlighting the department's creative hotspots and proud moments, I wish the Information Technology Department all the best.

Dr. K. K. Rajan

HOD'S MESSAGE



I am extremely delighted to present the first issue of our newsletter for the academic year 2023-2024. This edition highlights the numerous initiatives and events undertaken by the IT department during the previous semester. We have successfully participated in and coordinated various syllabus enrichment programs, training sessions on emerging technologies and interactions with our esteemed alumni. I extend my heartfelt gratitude to the Management and Principal for their invaluable advice and encouragement in all our endeavours. Our dedicated faculty members have worked diligently to ensure the smooth operation of the department. Congratulations to all the staff members and students on the publication of the 14th volume of the department newsletter.

Ms. Jesline Joseph

FACULTY PUBLICATIONS

Ms. JULIET A MURALI

- Juliet A Murali, T Brindha (2023), "A meta-heuristic clustered grey wolf optimization algorithm for cloud resource scheduling", International Journal of Advanced Technology and Engineering Exploration, Vol 10(107), pp: 1336- 1352, ISSN (Online): 2394-7454. (SCOPUS Indexed), October-2023

FACULTY DEVELOPMENT PROGRAMS

Ms. JULIET A MURALI

- Six days FDP on "AI Trends and Industry Use Cases –Contemporary and Future" organized by Department of Computer Applications, FISAT in association with TCS Kochi from 25th September 2023 to 30th September 2023.

Ms. TINY MOLLY V

- Six days FDP on "AI Trends and Industry Use Cases –Contemporary and Future" organized by Department of Computer Applications, FISAT in association with TCS Kochi from 25th September 2023 to 30th September 2023.

Ms. SALINIDEV P V

- Six days FDP on "AI Trends and Industry Use Cases –Contemporary and Future" organized by Department of Computer Applications, FISAT in association with TCS Kochi from 25th September 2023 to 30th September 2023.

Ms. ANITTA K MATHEW

- Six days FDP on "AI Trends and Industry Use Cases –Contemporary and Future" organized by Department of

Computer Applications, FISAT in association with TCS Kochi from 25th September 2023 to 30th September 2023.

Ms. JOSNA JOSE

- Six days FDP on "AI Trends and Industry Use Cases –Contemporary and Future" organized by Department of Computer Applications, FISAT in association with TCS Kochi from 25th September 2023 to 30th September 2023.

Mr. JIMY GEORGE

- Citizen Data Science using Python Certification-Infosys Spring Board Platform from 31 July-4 September, 2023.
- Faculty Enablement Program on Generative AI series-Infosys Spring Board Platform from 31 July-27 September, 2023.
- Applied Generative AI Certification-Infosys Spring Board Platform from 20-25 Sept, 2023
- BASIC LINUX ADMINISTRATION USING CHAT GPT organised by Marian College Kuttikkanam (Autonomous) in association with Red Hat, ipsr solutions limited, and Valin - UK, USA & Canada from 13-21 July, 2023
- Generative models for developers-Infosys Spring Board Platform from 25-28 Sept, 2023
- Principles of Generative -AI Certification--Infosys Spring Board Platform from 25-29 Sept, 2023
- Introduction to OpenAI GPT Models-Infosys Spring Board Platform from 20-21 Sept, 2023
- AI-First Software Engineering-Infosys Spring Board Platform

from 20-24 Sept, 2023

- PROMPT ENGINEERING-Infosys Spring Board Platform from 18-21 Sept, 2023
- OpenAI Generative Pre-trained Transformer 3 (GPT-3) for developers-Infosys SpringBoard Platform from 11-18 Sept, 2023
- Linux Automation using Ansible, with the help of ChatGPT organised by Marian College Kuttikkanam (Autonomous) in association with Red Hat, ipsr solutions limited, and Valin - UK, USA & Canada from 06-15 sept, 2023
- TIME SERIES ANALYSIS PYTHON-Infosys Spring Board Platform from 01-04 Sept, 2023
- ASSOCIATION ANALYSIS USING PYTHON-Infosys Spring Board Platform from 29-31 August, 2023
- EXPLORE MACHINE LEARNING USING PYTHON-Infosys SpringBoard Platform from 28-31 August, 2023
- REGRESSION ANALYSIS-Infosys SpringBoard Platform from 22-25 August, 2023
- DATA VISUALIZATION USING PYTHON-Infosys SpringBoard Platform from 16-18 August, 2023
- EXPLORATORY DATA ANALYSIS-Infosys SpringBoard Platform from 15-17 August, 2023
- STATISTICAL INFERENCE USING PYTHON--Infosys SpringBoard Platform from 14-16 August, 2023
- Advanced System Administration & Containerisation using ChatGPT organised by Marian College Kuttikkanam (Autonomous) in association with Red Hat, ipsr solutions limited, and Valin - UK, USA & Canada from 08-17 August, 2023
- PROBABILITY DISTRIBUTION USING PYTHON-Infosys SpringBoard Platform from 7-9 August, 2023
- BASICS OF LINEAR ALGEBRA USING PYTHON-Infosys SpringBoard Platform from 1-4 August, 2023
- PYTHON FOR DATA SCIENCE-Infosys SpringBoard Platform from 31 July-4 August, 2023
- PROBABILITY AND STATISTICS USING PYTHON-Infosys SpringBoard Platform from 31 July-4 August, 2023
- Deep Learning Case Studies by TATA CONSULTANCY SERVICES organised by CHRIST UNIVERSITY, YESWANTHPUR held from 25-31 October 2023

EVENTS ORGANISED BY THE DEPARTMENT

- IT Department Association OrBit was inaugurated and a technical talk on Generative AI was presented by Mr Rajeev M.A, Enterprise Architect, TCS Kochi on 6th November 2023.



- A Technical Talk on "Introduction to Cloud Computing and Python Programming" by Dr. Biju Paul, Professor, IT Department RSET was organized by IT department in association CSI on 14th September 2023.



- An Alumni talk on "Recent Trends in IT Industry" organised by Information Technology Department, in association with CSI, IIC and Alumni Association on 21st August 2023.



PLACEMENTS

- An Alumni talk on "Security in Cloud" organised by Information Technology Department, in association with CSI, IIC and Alumni Association on 14th September 2023.



- One day workshop on "Quantum Computing" organized by IT department in association with IEDC, R&D and CSI on 26th September 2022



AAGUS BIJU
Sutherland



ADARSH E REJI
Sutherland



AGNAL ROY
Sutherland



AINA SHIBU
Sutherland



AKSHARA JOSHY
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ALEENA BIJU
Sutherland



ANAND P SASIDHARAN
Sutherland



ANU BABY
Sutherland



ELDHO PETER REGI
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JOANA ELSUM MANUEL
UST



JOSNA JOSEPH
ESAF
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JUDITH BIJU ABRAHAM
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Staff Editor



Ms. TINY MOLLY V
Asst. Professor

Student Editor



JOANA ELSUM MANUEL
S7 IT

PEOPLE BEHIND