



14th International Conference on Recent Challenges in Engineering and Technology (ICRCET-2025)

26th & 27th April 2025 | Bangalore, India

Organized by

Yenepoya University
India

IFERP Academy
(India Society)

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Guest of Honours



Mr. Siddh Kumar Chhajjer
Founder & Managing
Director,
IFERP, Technoarete Group,
India.



**Prof Dr. SEMRA ERPOLAT
TASABAT**
Professor,
Department of Statistics
Mimar Sinan Fine Arts University,
Istanbul, Turkey

Keynote Speakers



Dr. Piyush Kumar Pareek
Professor and Head (AI-ML
& IPR CELL),
Nitte Meenakshi Institute of
Technology
India.



Dr. Arshpreet Kaur
Assistant Professor,
Amity University,
Bengaluru, India.



Prof. Dr. D V Ashoka
Department of Information Science and
Engineering,
JSS Academy of Technical Education,
Bengaluru, India.

Session Speakers



Dr Vaibhav A Meshram
Professor and Principal
Yenepoya University
Bangalore, India.



Dr. Rajesh Kumar
Assistant Professor-ASET
Amity School of Engineering and
Technology
Department of Computer Science and
Engineering

Panel Discussion

Title: Bridging Science and Society: Cultivating a Tech Generation to Drive the SDGs



Dr. Sukumaran C,
Director of Physical
Education
Government Law
College, Madurai
Tamil Nadu, India.



Dr. Anand K Joshi
Senior Scientific Officer,
E3 labs Pvt.Ltd,
Incubated SID
Indian Institute of
Science Bangalore ,
India



Dr Chidananda Singh
Associate Professor and
PG Coordinator,
Department of BCA,
Yenepoya University,
India.



Dr. Arshpreet Kaur
Assistant Professor,
Amity University,



Dr. Rajesh Kumar
Assistant Professor-ASET
Amity School of Engineering
and Technology
Department of Computer
Science and Engineering

Workshop Speaker

Title: AI tools for research paper writing



Dr. Beulah Soundarabai P

Associate Professor
School of Sciences, CHRIST University
Bangalore , India

Session Chairs



Ms Farha Jabeen,
Associate Professor,
Department of BBA,
Yenepoya University,
India



Mr Utkarsh Singh,
Associate Professor,
HOD HMS department,
Yenepoya University,
India.

Program Schedule Day 1-Physical (26/04/2025)

08:30 AM - 09:00 AM	Registration Desk
09:00 AM - 09:05 AM	Introduction by Moderator
09:05 AM - 09:25 AM	Speech By Keynote Speaker Dr. Piyush Kumar Pareek
09:25 AM – 09:45 AM	Speech By Keynote Speaker Dr. Arshpreet Kaur
09:45 AM – 10:05 AM	Speech By Keynote Speaker Prof. Dr. D V Ashoka
10:05 AM – 10:20 AM	Networking Break
10:20 AM – 10:50 AM	Inaugural Ceremony
10:50 AM – 11:20 AM	Panel Discussion: Bridging Science and Society: Cultivating a Tech Generation to Drive the SDGs
11:20 AM – 11:40 AM	Speech By Workshop Speaker Dr. Beaulah Soundarabai P
11:40 AM – 12:00 PM	Speech By Session Speaker Dr Vaibhav A Meshram
12:00 PM – 12:20 PM	Speech By Session Speaker Dr. Rajesh Kumar
12:20 PM – 01:20 PM	Lunch Break
01:20 PM – 03:20 PM	Technical Session
03:20 PM – 03:35 PM	Networking Break
03:35 PM – 03:40 PM	Valedictory Function
03:40 PM – 03:45 PM	Vote of Thanks

Inaugural Ceremony

10:20 AM – 10:23 AM	Guest of Honor by Mr. A. Siddth Kumar Chhajer
10:23 AM – 10:26 AM	Guest of Honor by Prof Dr.SEMRA ERPOLAT TASABAT
10:26 AM – 10:29 AM	Inaugural Speech Dr. Piyush Kumar Pareek
10:29 AM – 10:32 AM	Inaugural Speech Dr. Arshpreet Kaur
10:32 AM – 10:35 AM	Inaugural Speech Prof. Dr. D V Ashoka
10:35 AM – 10:38 AM	Inaugural Speech Dr Vaibhav A Meshram
10:38 AM – 10:41 AM	Inaugural Speech Dr. Rajesh Kumar
10:41 AM – 10:45 AM	Proceeding Book Release
10:45 AM - 10:50 AM	Memento Distribution

Technical Session - 1

Time Slot	Paper Title	Author Name
01:20 PM – 01:28 PM	Real-Time Parking Management via YOLOv8: Integrating Optimized Slot Allocation and Vehicle Positioning Validation	Vishal S
01:28 PM – 01:36 PM	Optimized Li-Fi System for High-Security, Energy-Efficient Data Transfer With Laser-Photodiode Technology	Dr G Singaravel
01:36 PM – 01:44 PM	Enhancing Security and Transparency in Crowdfunding with A Blockchain Solution Using Decentralized Smart Contracts	Dr G Singaravel
01:44 PM – 01:52 PM	Self-Healing Deep Learning with Differential Evolution for Wireless Rechargeable Sensor Network Charging Scheduling	Kumar Dayanand
01:52 PM – 02:00 PM	A Plagiarism Detection Tool Using WordNet For Technical Content	Akshaya Kirtivasan
02:00 PM – 02:08 PM	Visual Question And Answering Using Yolo	AKASH M
02:08 PM – 02:16 PM	Enhanced Parking Occupancy Prediction Using AlexNet CNN Model in Machine Learning	Brindha R
02:16 PM – 02:24 PM	Fuzzy Logic Control Architecture for Advanced Energy Management in Hybrid Electric Vehicles	P Anjappa

Technical Session - 1

Time Slot	Paper Title	Author Name
02:24 PM – 02:32 PM	Lightweight Privacy- Preservation Authentication Protocol: VANET	Kalpana Samal
02:32 PM – 02:40 PM	Enhancing Zero Trust Network Access (ZTNA) with Machine Learning for Advanced Security	Sushma E
02:40 PM – 02:48 PM	WIREFRAMING THE REQUIREMENTS ELICITED FOR OPTIMAL REQUIREMENTS CLARITY	Sujatha U
02:48 PM – 02:56 PM	Quokka-Inspired Optimization Algorithm for Efficient VM Migration in Edge Computing	Srinivas Byatarayanapura Venkataswamy
02:56 PM – 03:04 PM	Technology-Driven Methodology for Wind Resource Assessment and Energy Yield Optimization in Wind Farm Development	SURAJ R S