IFERP Academy
Explore Your Research Journey...

ICRCET
26-27 APRIL 2025 | Bangalore, India

YENEPOYA
(Deemed To Be University)

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)

Explore your Research Journey with IFERP

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

Tittle: 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 Speakers

Title: AI tools for research paper writing

Dr. Beaulah Soundarabai P
Associate Professor
School of Sciences, CHRIST University
Bangalore, India

Title: Academic Excellence Through Research, Mentorship, and Innovation

DR. JAVAD GHALAMBOR
Associate Professor,
Manager of Research Centre
AIMS Institutes

Session Chairs

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

Mr Syed Umar Abbasi,
Associate Professor,
Head of Department,
Yenepoya University,
India.

Mrs Roopa T,
Associate Professor,
Department of BCA,
Yenepoya University,
India.

Session Chairs

Ms.MEGHA H R
Assistant Professor
S.E.A College of Science,
Commerce and Arts,
Autonomous,
Bengaluru, India.

Dr.Shashvat
Assistant Professor-ASET
Assistant Director (i/c)- Corporate Resource Centre(S&T)
Amity School of Engineering and Technology
Department of Computer Science and Engineering
Amity University, Bangalore.

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 Workshop Speaker DR. JAVAD GHALAMBOR
12:00 PM – 12:20 PM	Speech By Session Speaker Dr Vaibhav A Meshram
12:20 PM – 12:40 PM	Speech By Session Speaker Dr. Rajesh Kumar
12:40 PM – 01:40 PM	Lunch Break
01:40 PM – 03:40 PM	Technical Session
03:40 PM – 03:55 PM	Networking Break
03:55 PM – 04:00 PM	Valedictory Function
04:00 PM – 04:05 PM	Vote of Thanks

Inaugural Ceremony	
10:20 AM – 10:23 AM	Guest of Honor by IFERP
10:23 AM – 10:26 AM	Inaugural Speech Dr. Piyush Kumar Pareek
10:26 AM – 10:29 AM	Inaugural Speech Dr. Arshpreet Kaur
10:29 AM – 10:32 AM	Inaugural Speech Prof. Dr. D V Ashoka
10:32 AM – 10:35 AM	Inaugural Speech Dr Vaibhav A Meshram
10:35 AM – 10:38 AM	Inaugural Speech Dr. Rajesh Kumar
10:38 AM – 10:44 AM	Proceeding Book Release
10:44 AM - 10:50 AM	Memento Distribution

Technical Session - 1

Time Slot	Paper Title	Author Name
01:40 PM – 01:48 PM	Real-Time Parking Management via YOLOv8: Integrating Optimized Slot Allocation and Vehicle Positioning Validation	Vishal S
01:48 PM – 01:56 PM	Optimized Li-Fi System for High-Security,Energy-Efficient Data Transfer With Laser-Photodiode Technology	Dr G Singaravel
01:56 PM – 02:04 PM	Enhancing Security and Transparency in Crowdfunding with A Blockchain Solution Using Decentralized Smart Contracts	Dr G Singaravel
02:04 PM – 02:12 PM	A Plagiarism Detection Tool Using WordNet For Technical Content	Akshaya Kirtivasan
02:12 PM – 02:20 PM	Visual Question And Answering Using Yolo	AKASH M
02:20 PM – 02:28 PM	Enhanced Parking Occupancy Prediction Using AlexNet CNN Model in Machine Learning	Brindha R
02:28 PM – 02:36 PM	Fuzzy Logic Control Architecture for Advanced Energy Management in Hybrid Electric Vehicles	P Anjappa
02:36 PM – 02:44 PM	Lightweight Privacy- Preservation Authentication Protocol: VANET	Kalpana Samal

Technical Session - 1

Time Slot	Paper Title	Author Name
02:44 PM – 02:52 PM	Enhancing Zero Trust Network Access (ZTNA) with Machine Learning for Advanced Security	Sushma E
02:52 PM – 03:00 PM	WIREFRAMING THE REQUIREMENTS ELICITED FOR OPTIMAL REQUIREMENTS CLARITY	Sujatha U
03:00 PM – 03:08 PM	Quokka-Inspired Optimization Algorithm for Efficient VM Migration in Edge Computing	Srinivas Byatarayanapura Venkataswamy
03:08 PM – 03:16 PM	Technology-Driven Methodology for Wind Resource Assessment and Energy Yield Optimization in Wind Farm Development	SURAJ R S
03:16 PM – 03:24 PM	Advancing Human-Computer Interaction: Development of a Virtual Reality Assistant Integrating AI for Real-Time Support in Immersive Space	Vetrivel S