#### ADVISORY COMMITTEE

## TECHNICAL COMMITTEE

Dr. Divakara Shetty A S

Professor, Engineering Dept.

University of Technology and Applied sciences - IBRI

Sultanate of Oman

Dr. Sudhakar Vadiraj

Dept. of Mechanical Engg., Montana Tech University USA

Dr. Rachappa Jopate

Dept. of Computer Science & Engg,,

Muscat , Al-Musanna, Oman.

Dr. G. Subramanya Nayak

Professor and Head, Dept. of ECE, MIT, Manipal

Dr. Niranjan N Chiplunkar

Principal, NMAM Institute of Technology, Nitte.

Dr. Prashanth Kumar H

Assistant Professor, Dept. of ECE, NITK, Surathkal

Dr. Ganesh Aithal

Professor, SMVITM, Udupi

Dr. Sharmila Kumari

Professor, PACE, Mangalore

Dr. Vasudeva

Research Dean, SMVITM, Udupi

Dr. G. Ajay Kumar

Convergence Research Center for future Automotive Technology,

Dr. Umesh B. S.

Khalifa University, Abudhabi, Post Doctoral

Dr. Annappa

Dept. of Computer Science & Engineering, NITK, Surathkal

### **PATRONS**

Mr. Yenepoya Abdulla Kunhi

Chancellor, Yenepoya (Deemed to be University)

Mr. Yenepoya Abdulla Javeed

Director Operations, Yenepoya Group

Mr. Farhaad Yenepoya

Pro-chancellor, Yenepoya (Deemed to be University)

Mr. Moideen Khurshid

Director Purchase, Yenepoya Group

## CHIEF CONVENER

Dr. R. G. D'Souza

Principal, Yenepoya Institute of Technology Moodbidre, Mangaluru Dr. Suresh R.

Professor, Mechanical & Manufacturing Engineering,

M.S. Ramaiah University of applied sciences, Bangalore

Dr. Lokesha M.

Professor and Head, Dept. of Mechatronics,

Mangalore Institute of Technology, Moodabidri

Dr. Shankar B. B.

Associate Professor, Dept. of ECE, NMAMIT, Nitte

Dr. Chandrashekar

Dept. of Computer Science & Engineering,

NITK, Surathkal

Dr. Revanasiddappa M. Biradar

R & D, Senior Data Scientist, Siemens

Dr. Lohithashva B. H.

Senior Software Engineering, Tech Mahindra

Mr. Lakshimikant Deshpande

Architect, Neoito Technologies pvt. Ltd.

Dr. S. V. Aruna Kumar

Dept. of Computer Science & Engineering,

Malnad College of Engineering, Hassan

Mr. K Vasudeva Shettigar

Associate Professor, NMAMIT, Nitte

### **CONVENERS**

Dr. Sathisha N

HOD, Dept. of Mechanical Engineering

Dr. Keerthi Kumar H. M

HOD, Dept. of Information Science & Engineering

Prof. Pandu Naik. K

HOD, Dept. of Computer Science & Engineering

Prof. Gangadhara

HOD, Dept. of Electronics & Communication Engineering

Prof. Prasanna Kumar

HOD, Dept. of Electrical and Electronics Engineering

Dr. Nagaraj P

HOD, Dept. of Chemistry

Dr. Santhosha Acharya

HOD, Dept. of Physics

Dr. Ajith Rao,

HOD, Dept. of Mathematics

# **COORDINATORS**

Dr. Ravindra Badiger, Associate Professor, ME

Prof. Vani R., Asst. Professor, ME

Prof. Rashmi P. C., Asst. Professor, ISE

Prof. Smitha, Asst. Professor, CSE

Prof. Akshatha N. M., Asst. Professor, EEE

Prof. Jayashri P., Asst. Professor, EEE

Prof. Mohan Kumar, Asst. Professor, ECE

2<sup>nd</sup> International Conference

On

Frontiers

Engineering Science & Technology

ICFEST-2022

27<sup>th</sup> & 28<sup>th</sup> May, 2022

Organized by





# YENEPOYA INSTITUTE OF TECHNOLOGY

[Affiliated to Visveswaraya Technological University, Belagavi]

NBA Accredited Institute
NH-13, Thodar, Moodbidri - 574225, Mangalore, D. K

Website: www.yit.edu.in https://vit.edu.in/ICFEST/

#### ABOUT YENEPOYA INSTITUTE OF TECHNOLOGY

Yenepoya Institute of Technology was established in 2008 with the monumental objective of promoting academic excellence & competence in students, especially in the fast-growing global domain of Engineering Technology & Management. The institute made remarkable progress since its inception in every aspect & gained name among the institutes of technology in the state of Karnataka due to the quality of education & training provided by its dedicated faculty & the infrastructure available. This renowned institute is now owned by the Islamic Academy of Education of Yenepoya Group of Institutions & Yenepoya University, an organization well-known for quality education.

Yenepoya Institute of Technology is located in the picturesquely beautiful location of Moodbidri, Mangaluru, Karnataka. The college stands out for its magnificent buildings & ultra-modern infrastructure; a fascinating blend of architectural excellence & functional values. The institute has been a forerunner & prime mover in imparting technical education in Mangaluru, India. Affiliated to Visvesvaraya Technological University, approved by AICTE India, New Delhi. The engineering College has grown by leaps & bounds since Its inception in 2008.

# VISION

YIT will set the standard for Engineering Sciences education in the Twenty-First century. We are committed to creating new milestones and standards for students to experience an unparalleled educational journey that is intellectual, socially and personally transformative.

# **MISSION**

YIT will endeavor to educate and transform the student community by instilling in them pride in their gifts and talents, nurturing them and guiding them in how best to utilize it for human welfare and progress.

### **ABOUT THE CONFERENCE**

The 2nd International Conference on Frontiers in Engineering Science and Technology (ICFEST-2022) aims to provide an opportunity for exchange of ideas and dissemination of information and to provide a platform for gathering of scientists, leading engineers, industry experts, research scholars and advanced student learners to focus on new advances and research results in the field of theoretical and experimental fields of Mechanical Engineering, Electrical Engineering, Electronics and Communication Engineering, Computer Science and Engineering and Information Science and Engineering

### **CONFERENCE THEME & AREAS**

### Computer and Information Science Engineering

- Information and communication technology
- · Data mining and predictive modeling
- · Computer vision and pattern Recognition
- Forensics computing and security
- · Computer Networks, Wireless sensor Networks
- · Artificial Intelligence
- 5G Networks, Cyber security

 $Communication\ Email-ID:\ yiticfest 2022-cse@yit.edu.in$ 

# **Electronics and Communication Engineering**

- Speech/Signal/Image Processing
- VLSI & Embedded system design
- Wireless communication, Multimedia Processing
- MEMS and Nanotechnology

Communication Email-ID: yiticfest2022-ece@yit.edu.in

## **Electrical and Electronics Engineering**

- Renewable energy sources, smart grid technologies
- · Power Electronics & Energy Efficient Drives
- Hybrid Vehicles
- HVDC/FACTS
- Power systems and Energy Efficient Drives
- Power Quality Improvement Techniques
   Communication Email-ID: yiticfest2022-ece@yit.edu.in

   Mechanical Engineering
- Design/Material Characterization
- Thermal Science and Engineering
- Production and Industrial Management Communication Email-ID: yiticfest2022-me@yit.edu.in

#### **IMPORTANT DATES**

Abstract Submission: 28th Feb 2022

Abstract Acceptance: 5th March 2022

Full Length Paper Submission: 25th March 2022

Full Length Acceptance: 25th April 2022

Registration: 10<sup>th</sup> May 2022

Conference Date: 28th & 29th May 2022

Conference will be held in Blended Mode

## **REGISTRATION FEE**

DELEGATE TYPE	INDIAN(INR)	FOREIGN(USD)
Academic Faculty Members/Industry Delegates	₹1500	\$25
Research Scholar/Students(UG/PG)	₹1000	\$15

## **PUBLICATION**

Accepted papers will be included in the conference proceedings. Selected papers will be published in scopus indexed journal with the additional processing fee.

## MODE OF PAYMENT

### **NEFT/RTGS**

Acc No: 0046053000058354

Acc. Name: Yenepoya Institute of Technology

IFSC Code: SIBL0000046

MICR: 5750 59002

Bank & Branch: South Indian Bank, Milagres College

Building, Mangalore - 575001

For registration link, please visit https://yit.edu.in/ICFEST/ and payment receipts shall be scanned and submitted to respective conference communication E-mail ID's

# FOR MORE DETAILS CONTACT

- Dr. Ravindra Badiger, Assoc. Professor ME
   E-mail ID: ravindra@yit.edu.in, Contact No.: 9731150603
- Prof. Vani R, Assistant Professor, ME
   E-mail ID: vani@yit.edu.in, Contact No.: 9008514434
- Prof. Mohan Kumar, Assistant Professor, ECE
   E-mail ID: mohankumar@yit.edu.in, Contact No: 9886127888
- Prof. Rashmi P C, Assistant Professor, ISE
   E-mail ID: rashmi@yit.edu.in, Contact No.: 9739872217