SCOPE OF THE CONFERENCE

The objective of this National Conference on Recent Trends in Electronics and Communication Engineering (NCRTECE-2022) is to provide a forum to participants an opportunity to discuss and exchange the recent developments in the field of Electronics and Communication and also review the challenges faced by the community in the 21st century. Special emphasis is placed on promoting interaction between the theoretical, experimental, and applied technologies, so that a high level exchange in new and emerging areas within the scope of conference is achieved. The participants can get exposure in emerging technologies in the areas of Electronics and Communication.

The original, high quality, unpublished, research papers are invited in all the topics of interest (but not limited).

- Digital Circuits and Systems
- Non-Linear and Linear Circuits
- Emerging Sensors and Sensing Systems
- Sustainable and Energy-aware Electronics Systems
- Bio-inspired Electronics Systems
- Embedded Wireless Systems
- Advanced VLSI Systems
- Micro/Nano Electronic Systems
- Computational Electronics
- Optical, Wireless, and Mobile Communication Systems
- Novel Communication and Information Theory
- Communication Device Modeling, and Coding Analysis
- 5G Networks and Communication
- Communication Network and Information Security
- Internet of Things and Big Data
- Novel Microwave Theories and Technologies
- Sustainable Communication Technologies
- Vehicle Communication Systems and Interne to Vehicles
- AI for Wireless Communication Networks and Systems

REGISTRATION FEES DETAILS:

Academicians/Research Scholars/Students: **INR 1000/-**

Industry Person: **INR 1250/-**

IMPORTANT DATES:

Abstract Submission: 14th Oct 2022   Notification of Acceptance: 11th Nov 2022
Full paper Submission: 28th Oct 2022   Last date for Registration: 25th Nov 2022

REGISTRATION FORM

Paper ID   : _____

Name   : _____

Designation   : _____

Qualification   : _____

Institution   : _____

Department   : _____

Address   : _____

                     _____

Sex: Male/Female   : _____

Mobile   : _____

Email   : _____

DETAILS OF REGISTRATION FEES

Payment Mode   : _____

Payment Details   : Dated   : _____

                    Amount : _____

_____
Signature of the Participant

Contact Details : The Convener, Department of ECE,
Vidya Jyothi Institute of Technology, Hyderabad – 500 075, Telangana.
Email : ncrtece2022@vjit.ac.in
Mobile No.: 9884161831, 8667459544, 9443069524

A TWO DAY NATIONAL CONFERENCE ON
RECENT TRENDS IN ELECTRONICS AND COMMUNICATION ENGINEERING
(NCRTECE-2022)

08TH & 09TH DECEMBER 2022

ORGANISED BY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VIDYA JYOTHI INSTITUTE OF TECHNOLOGY
AN AUTONOMOUS INSTITUTION

Aziz Nagar, Hyderabad - 500 075.
Telangana, India.
Website: www.vjit.ac.in

ABOUT THE VJIT

Vidya Jyothi Institute of Technology (VJIT) was established in 1999. It is situated in the backdrop of Osman sagar (Gandipet) lake in the serene surroundings of Chilkur Balaji Temple, VJIT has a sprawling and lush green campus with architecturally splendid buildings in an area of 12 acres. VJIT has a long tradition of producing technically competent engineers and has renowned alumni occupying prominent positions in industry, academia and research across the world.VJIT has an excellent T&P cell facilitating students to explore new career avenues while developing the right attitude. VJIT has been accredited with NAAC A+ & NBA for six engineering programs. VJIT is rated as one of the best engineering colleges in the region.

HIGHLIGHTS OF VJIT

- NIRF in Engineering Category Ranked 200 in 2022
- Atal Ranking of Innovations and Achievements - Band Excellent
- 7th Best Engineering College in Telangana in 2022, Times of India Ranking
- Center of Excellence in Data Analytics with Qlik India, USA
- Center of Excellence in Software Testing with Virtusa
- R & D Zonal Center in Artificial Intelligence & Deep Learning with Bennet University, Noida
- Center of Excellence with EPAM for all the branches
- MoU with ITCA-TSC for 75 students Satellites Mission 2022

ABOUT ECE DEPARTMENT

The department of ECE is one of the active department in VJIT and is established since its inception and accredited with NBA Tier-1in 2022. Department offers B.Tech and M.Tech programs in Embedded System and VLSI Design. The department has well equipped laboratories that nurtures the young minds and transforms them into an aspiring technologist, contributing the welfare of the society. ECE department has well qualified and experienced young, dynamic faculty team with versatile experience in teaching, research and innovation. The department is equipped with research labs such as NI LabView academy school, PSoC Semiconductor Laboratory and Antennas Laboratory. The department encourages students to perform projects that yield solution for real time problems. The department was adjudged best IETE-ISF Chapter in the year 2021. Many student clubs like HAM Radio, IoT are in place that encourages the students to learn technical education as fun with better understanding. Our faculty and students are enroute to design, develop a Nano satellite in near future.

PUBLICATION DETAILS

All the accepted and presented papers will be published in the conference proceedings with ISBN. The presented papers will be reviewed by the technical committee of the conference and selected papers will be published in the UGC listed journals with an additional cost.

FULL PAPER SUBMISSION GUIDELINES

- Kindly submit the Full Paper in IEEE Template Full papers should be restricted to 5 pages as per the template.
- The paper should be original and should not have been published anywhere else or be under review for any journal or other conferences.
- Tables, figures and images should have appropriate captions and be of good quality.
- The full article must be submitted as a MS Word file in DOC or DOCX format.

CHIEF PATRONS

Dr. P. Rajeshwar Reddy, Secretary and Correspondent, VJES

Mrs. S. Neelima, Joint Secretary, VJES

PATRONS

Dr. E. Saibaba Reddy, Director, VJIT

Dr. A. Padmaja, Principal, VJIT

CONFERENCE CHAIR

Dr. S. Thulasi Prasad, HoD & Professor, ECE

CONVENERS

Dr. Ganesan P, Professor, ECE

Dr. G. Siva Kumar, Professor, ECE

Dr. M. Vadivel, Professor, ECE

EXTERNAL ADVISORY COMMITTEE

Dr. T. Satya Savithri, Professor, JNTUH CEH

Dr. R. Govindaraj, Scientist, CEERI, Chennai

Dr. T. Veerakumar, Professor, NIT, Goa

Dr. Noor Mohammed, Professor, IIIT, Chennai

Dr. G. Nagarajan, Professor, PTU, Puducherry

Dr. S. Varatharajan, Professor, S.V. University, Tirupathi, AP

INTERNAL ADVISORY COMMITTEE

Dr. G. Sreeram Reddy, HoD, MECH

Dr. A. Srujana, HoD, EEE

Dr. Arunakumari, HoD, CSE

Mr. B.Srinivasulu, HoD, IT

Dr. Pallavi Badry, HoD, Civil

Dr. Obulesh, HoD, AI

Dr. P. Chakradar, HoD, MBA

Dr. M. Rajendra Prasad, CoE

Dr. K. Vasanth, R&D Coordinator

Mrs. G. Srilatha, Academic Coordinator

Mr. R. Venkata Chalam, Sr. Admin. Officer

EXECUTIVE COMMITTEE

Dr. C. Rajakumar, Professor, ECE

Dr. Maznu Shaik, Asso., Professor, ECE

Dr. Killadi Baboji, Asso. Professor, ECE

Dr. Shuvanka Maji, Asso. Professor, ECE

Dr. Jyothi Prasanna Patra, Asso. Professor, ECE

Dr. Krishnaiah, Asso. Professor, ECE

ORGANIZING COMMITTEE

Mr. G. Nagendra, Assoc. Professor, ECE

Mr. G. Ravikishore, Assoc. Professor, ECE

Mr. G. Sreenivasa Rao, Assoc. Professor, ECE

Mrs. A. Jaya Lakshmi, Assoc. Professor, ECE

Mrs. M. Renuka, Asst. Professor, ECE

Mrs. M. Lalitha Sowmya, Asst. Professor, ECE

Mr. Ch. Sandeep, Asst. Professor, ECE

Mrs. K. Tarangini, Asst. Professor, ECE

Mr. G. Parameshwar, Asst. Professor, ECE

Mr. S. Pradeep Kumar Reddy, Asst. Professor, ECE