

CALL FOR PAPERS

The National Conference on Trends in Engineering Applications invites full-length original research papers and review articles not exceeding six pages in a single column format. The papers from Industry persons, Faculty, Research scholars, B.E students, and M.E and M.Tech students will be accepted. Further; the manuscript should contain the name of the author with the E-mail ID and affiliation of all the authors. Soft copy of the full-length manuscripts along with all technical supporting documents in the single-column format shall be submitted to nctea2022@gmail.com or <https://tinyurl.com/nctea2022>

REGISTRATION FEE

First Author : Rs. 400/-

Co-authors : Rs. 200/-

IMPORTANT DATES

Last date for receipt of full manuscript : 30.04.2022

Notification of acceptance : 01.05.2022

Last date for registration with fee : 03.05.2022

TOPICS

Authors are requested to submit their research papers on recent trends in the following areas, but not limited to

ELECTRONICS AND COMMUNICATION

- 5G TECHNOLOGY
- INTERNET OF THINGS
- ARTIFICIAL INTELLIGENCE
- MACHINE LEARNING
- ADVANCED ROBOTICS
- NETWORK SECURITY
- EDGE COMPUTING
- BLOCKCHAIN TECHNOLOGY
- INDUSTRY 4.0
- ELECTRIC VEHICLES
- SMART WEARABLES
- SOFTWARE DEFINED NETWORKING

CSE AND IT

- AR/VR
- HUMAN COMPUTER INTERACTION
- BLOCK CHAIN TECHNOLOGY
- AI USING DEEP LEARNING AND MACHINE LEARNING
- IMAGE AND VIDEO PROCESSING
- BIG DATA
- CRYPTOGRAPHY AND NETWORK SECURITY
- CLOUD COMPUTING
- CYBER SECURITY AND DIGITAL FORENSICS
- UBITQUIOUS COMPUTING
- SOFT COMUPTING

ELECTRICAL AND ELECTRONICS

- RENEWABLE ENERGY SYSTEM
- ELECTRIC VEHICLES
- ELECTRICAL MACHINES
- POWER ELECTRONICS AND AC-DC DRIVES
- CONTROL AND AUTOMATION
- INDUSTRIAL AUTOMATION
- MODERN POWER QUALITY ANALYSIS
- SMART GRID TECHNIQUES AND MICRO-GRIDS

BIO-MEDICAL AND MEDICAL ELECTRONICS

- WEARABLE SYSTEMS
- BIOINFORMATICS
- BIOTELEMETRY
- BIOTECHNOLOGY
- CLINICAL MEDICAL DIAGNOSIS
- BIOSENSORS, MEDICAL INSTRUMENTATION
- BIOMEMS, NANOTECHNOLOGY
- IOT IN HEALTH CARE
- SIGNAL AND MEDICAL IMAGE PROCESSING
- BIOMEDICAL INTELLIGENCE AND CLINICAL DATA
- IOT SOLUTIONS FOR HEALTH CARE
- WEARABLE TECHNOLOGY FOR HEALTH CARE
- NEUROENGINEERING AND REHABILITATION
- BIOMECHANICS
- BIOROBOTICS
- ARTIFICIAL INTELLIGENCE IN HEALTHCARE



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06 May 2022

National Conference on
"Trends in Engineering Applications"
NCTEA'22

Organized By



VELALAR
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AND TECHNOLOGY
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ABOUT THE INSTITUTION

Velalar College of Engineering and Technology, Erode is a self-financing co-educational institution established in the year 2001 with all the necessary infrastructural facilities provided by Vellalar Educational Trust that ably governs the institution. The college is approved by the AICTE, New Delhi, affiliated to Anna University, Chennai and accredited with 'A' Grade by NAAC. The institution has been accorded autonomous status from year 2016. The five UG programmes of ECE, EEE, CSE, BME & IT are accredited by NBA. The institution has completed sixteen years of dedicated and excellent service in the field of technical education. Our institution offers eight UG programmes BME, Civil, CSE, ECE, EEE, IT, Mech, MDE and four PG programmes M.E- CSE, Embedded System Technologies, Applied Electronics and MBA. There are research centers in the fields of ECE, EEE, and Physics approved by Anna University, Chennai. The Vision of the institution is to provide a wide range of academic and research programmes and strive to develop a center of excellence for learning. The college has signed Memorandum of Understanding [MoU] with many leading corporates and Multinational companies to enable the faculty and students to gain practical knowledge and exposure to industrial environments. An Industry - Institute Partnership Cell and Entrepreneurship Development Cell have been established to expose scholars to the industrial sectors and are supported by funds from AICTE.

ABOUT THE CONFERENCE

The National Conference on “Trends in Engineering Applications” aims to bring the working professionals, researchers, faculty members and students to a common platform for sharing their knowledge and achievements. It will also give an exposure to the participants regarding the challenges in the field of Engineering, Technology and Computer Applications through innovative ideas.



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NCTEA 2022

“National Conference on Trends in Engineering Applications”

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06 MAY 2022

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Signature of Head of the Dept. / Institution
(with the official seal)

Please send your communication to
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