



Equinox 2021

Engaging Minds, Empowering Success

EQUINOX-2021

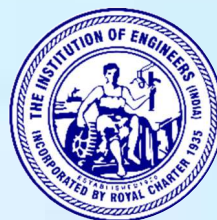
6th International Conference on Engineering
Research and Innovations

17th - 18th June, 2021

Organized By

**TPCT's Terna Engineering College,
Nerul, Navi Mumbai**

In Association with



ABOUT THE INSTITUTE

Terna Public Charitable Trust's Terna Engineering College (TEC) is one of the well-known and premium technical institutions, with 'A' Grade from the Government of Maharashtra having ISO-9001 quality management system and is among the top Colleges in Mumbai. It is located at Nerul, Navi Mumbai on a beautiful 3 acre campus. TEC is one of the premier institutes of technical education and offers a stimulating educational environment, with distinguished faculty members and state-of-the-art facilities. The institute is affiliated to the University of Mumbai, approved by AICTE and has been awarded accreditation by National Board of Accreditation (NBA). TEC offers 7 UG, 4 PG and 3 PhD courses. Highest quality education is catered by TEC with curriculum extension by means of exceptional offerings like Engineering Products and Innovation Center (EPIC), Remote Centre of IIT Bombay & MNIT Jaipur which facilitates students / faculty members to interact with IIT and NIT professors through video conferencing, Industry Institute Partnership Center (IIPC), Electronics club (collaboration with 25 local electronics SMEs), e-Yantra Embedded Systems and Robotics Lab, Apple lab, Texas Instruments Lab etc. TEC has a diverse, talented and highly qualified community united by passion for learning and innovations. TEC motivates students to contribute to the progress of a harmonious and sustainable world through the pursuit of knowledge.

ABOUT THE CONFERENCE (EQUINOX-2021)

The aim of this conference is to provide an interdisciplinary platform for leading researchers, young engineers, academicians, industrialists and practitioners working in India and rest of the world to disseminate their innovations and contemporary research in the field of Electronics, Electronics and Communication, Mechanical, Mechatronics, Information Technology, Computer Engineering, Civil Engineering and related fields. The conference will feature paper presentations and keynote speeches by eminent speakers who will focus on state-of-the-art development in the field of Artificial Intelligence, Machine Learning, Automation, Robotics, Infrastructure technology and Information and Communication technology.

The scope of EQUINOX-2021 is to provide a common virtual platform where researchers, engineers, academicians and practitioners' confluence and cherish their research and innovations and deliberate upon futuristic research along with major bottlenecks.



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CALL FOR PAPERS: In the spirit of Equinox 2021, organizing committee invites authors to submit technical papers on contemporary research and innovations related to the following tracks but are not limited.

Track-1: VLSI & Signal Processing	Track-2: Advanced Manufacturing & Automation	Track-3: Information & Computer Technologies	Track-4: Advances in Civil Engineering
<ul style="list-style-type: none"> • Wireless Technologies • Antennas and Microwaves • Optical Communication • Simulation Tools • MEMS • Embedded Systems And VLSI • Nanotechnology • Control and Instrumentation • Power Electronics • Solid State Devices • Image and Speech Processing • Biomedical Signal Processing • Sensors and Imaging • Detection and Estimation • Signal Processing • Radar and Satellite Communication 	<ul style="list-style-type: none"> • Manufacturing Technologies • CAD / CAM / CAE • Automation and Robotics • Quality and Reliability • HVAC • Heat and Mass Transfer • IC Engines and Electrical Vehicles • Sustainable Manufacturing • Logistics and Supply Chain Management • CRM and ERP • Nano Technologies • Smart Materials • MEMS • Renewable & Non-Renewable Energy • Non-Destructive Testing • Industrial Engineering & Management 	<ul style="list-style-type: none"> • Artificial Intelligence • Neural Network • Bioinformatics and Scientific Computing • Big Data and Smart Cities • Computer Networks • Software Engineering and Testing • Multimedia Systems • Data Warehouse and Data Mining • Cloud Computing • Ios Technology • Network Security & Cyber Security • Next Generation Networks • Usability Engineering • Biometrics / Forensic / Disaster Recovery and Management 	<ul style="list-style-type: none"> • Structural Engineering • Geotechnical Engineering • Transportation Engineering • Environmental Engineering • Water Resources Engineering • Town Planning and Infrastructure

PAPER SUBMISSION

For paper submission please visit: <https://easychair.org/conferences/?conf=equinox2021>.

All papers presented at the conference will be published in the **UGC Approved Journal of Emerging Technologies and Innovative Research (JETIR)** - ISSN: 2349-5162 (Electronic Version).

Extended version of some selected paper will be sent to **International Journal of Information Technology, Published by Springer Nature, ISSN: 2511-2104 (Print Version), ISSN: 2511-2112 (Electronic Version).**

IMPORTANT DATES

Last Date of Full Paper Submission	:	30th April, 2021
Acceptance Notification	:	15th May, 2021
Submission of Camera Ready Paper	:	30th May, 2021
Last Date of Registration	:	5th June, 2021

For detail instructions / guidelines please visit: <http://ternaengg.ac.in/equinox2021>.



REGISTRATION FEES

At least one author/co-author must register to attend the conference.

	Non CSI / IEI / IEEE Members	CSI / IEI / IEEE Members
Foreign Authors	75 USD	60 USD
Industrialists	2000 INR	1500 INR
Academicians / Scientists	1500 INR	1200 INR
Students / Research Scholars	1200 INR	1000 INR

An author with more than one paper will be charged Rs.700/- for every additional paper. Students / Research scholars should provide a proof of their status from the University / Institution to claim the student rates. Moreover, CSI / IEI / IEEE members should also submit a proof of valid society membership during registration.

PAYMENT DETAILS

Authors can do registration through "NEFT/RTGS"

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Terna Engineering College, Nerul.

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SB A/C No.: 564301010000360

IFSC Code: UBIN0556432

MICR Code: 400026124

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VENUE OF THE CONFERENCE

EQUINOX-2021 will be organized in a virtual mode using a web-based online presentation at Terna Campus, Nerul, Navi Mumbai.

Please send a copy of payment receipt after registration to
equinox2021@ternaengg.ac.in

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