National Conference On

Role of Engineers in Nation Building

NCRENB-2020

On

6th & 7th MARCH 2020

Organized By

Late Shri. Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Shirgaon, Virar(E), District: Palghar,-401 305, Maharashtra
Contact No. 777 000 2544
Website: **www.viva-technology.org**

About the Institution

VIVA Institute of Technology was established in the year 2009 with a definite mission to develop the standard of the institute above benchmark level, providing students with advanced knowledge and latest technology in the chosen discipline by tapping their hidden and obvious potential, molding them into good and responsible citizens by playing a meaningful role in industry and society. The institute is approved by AICTE, New Delhi & DTE, Government of Maharashtra State and affiliated to University of Mumbai. The main objective of the institute is to promote education at all levels. The institute offers the following courses:

UG Level:
Electronics and Telecommunication Engineering
Electrical Engineering
Mechanical Engineering
Computer Engineering
Civil Engineering

PG Level:
M.E. in Mechanical (Manufacturing Systems Engg.) Engineering

Institute is well equipped with workshop, laboratories, computer center with latest machineries, tools, instruments, software's etc.

Conference Theme

The main objective of the National Conference is to advance knowledge in Science & Technology for solving short term and long term problems through innovative ideas, concepts and methods in different fields.

VIVA Institute of Technology, Virar, Mumbai is organizing a national conference on the "Role of Engineers in Nation Building" on 6th and 7th March 2020. The role of an engineer is far reaching and beyond the vistas of human thinking and imagination. The emerging technologies of communications and computing have brought about a revolution in everyday life during the 21th century. The application of Science and Technology (S&T) is the main agent of industrial economics and social development. Universities, Public and research institutes, industry and government have to become more closely Involved and aware of the importance of co-operation with S&T to promote sustainable economic, social and industrial development.

Topics of Interest

The Technical sessions of conference will focus the original contributory papers reporting developments, design, testing and measurements aspects. The topics of interest are wide and not limited to the following:

Electronics and Telecommunication Engineering

Communication systems & Networking
Computer Vision and Image Processing
Microwave and Antenna
Control System and Robotics
Micro-electronics and VLSI Design

Electrical Engineering

HVDC and FACTS Application of Power Electronics in Power System
Energy Conservations and Audit
Control and Instrumentation/Industrial Automation
Integrated & Hybrid Renewable Energy Systems
VLSI/Embedded based Control Design for Power Converter
Recent Trends in Power Electronics & Drives
Energy Science and Engineering

Computer Engineering

Cloud computing
Neuro Fuzzy Intelligent System Algorithm
Robotics and Automation Systems
Distributed computing
Bio-inspired methods
Database Management System

Civil Engineering

Structural Engineering
Geotechnical Engineering
Water Resource Engineering
Transportation Engineering
Environmental Engineering
GIS & Remote Sensing
Concrete Technology
Construction and Management

Mechanical Engineering

Design of Experiment
Industrial Engineering
Developments in alternate fuels
Energy Conversion and Management
CFD, FEM & FEA Analysis
Manufacturing Technology
Quality Management

Humanities and Applied Sciences

Emerging Trends in Material Science
Education Technology
Cryptography and Mathematical Physics
Business, Management & Marketing
Health & Nutrition, Applied Arts, Architecture & Allied Sbjects

Call for Papers

Papers related to the above themes are invited from academia, industry, professional bodies, research scholars & students. Abstract should be written within 200 words (maximum). Abstract must be sent in softcopy at **https://easychair.org/conferences/?conf=ncrenb2020** by 5th November, 2019. Acceptance of the abstract will be communicated by 14th November, 2019. Paper should be of maximum page count of 06 (six). A sample paper with required formatting will be sent to the author(s) along with the acceptance of "abstract". Full paper should be submitted in soft copy (in .doc format) by 10th January, 2020. Review report will be sent to the author(s) as and when that becomes available. Last date of sending review report from organizing committee is 31st January, 2020. Camera ready paper with further modifications (if required) must be sent by 10th February, 2020. Registration process must be completed before 17th February, 2020. At least one author per paper must register himself/herself, failing this, the paper will not be accepted.

* Camera ready paper (in .doc format), Registration form along with DD should be mailed to following **email-id: ncrenb.vit@vivacollege.org**, failing this, the registration will not be accepted.

- All accepted and registered papers will be published in the conference proceeding with ISBN : 978-93-5391-287-1
- Quality papers will be published in journals of high repute.
- Selected papers will be published in VIVA-Tech International Journal for Research and Innovation with ISSN (Online): 2581-7280

Registration Fees and Others Fees

Student or Research Scholar   : Rs. 750/-
Academicians (Faculty)   : Rs. 1000/-
Industry Delegates   : Rs. 1500/-
Payment has to be made through Demand Draft in favor of **"VIVA Institute of Technology"** payable at Mumbai.

Important Dates

Date of Conference   : 6th & 7th March, 2020
Last date of Abstract Submission   : 5th November, 2019
Last date of acceptance of Abstract   : 14th November, 2019
Last date of full paper submission   : 10th January, 2020
Last date of getting review report   : 31st January, 2020
Last date of sending CRC   : 10th February, 2020
Last date of registration   : 17th February, 2020

Contact Person

Registration & Program Committee: Prof. Chitra Takle   9167782427
Prof. Ameya Purandare   9960938793