



Late Shri Vishnu Waman Thakur Charitable Trust's

## **VIVA Institute of Technology**

Shirgaon, Virar (East), Tal: Vasai, Dist: Palghar-401305, Maharashtra.

Website: [www.viva-technology.org](http://www.viva-technology.org)

# **Conference Report NCRENB-2021**

**Conference Dates:** 5<sup>th</sup> & 6<sup>th</sup> March 2021

**Mode of Conference:** Online

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 21st century. The familiar mobile phones, CD players and fax machines are being joined by digital broadcast radio and televisions which offer more channels and much clearer sound and pictures. The application of Science and Technology (S&T) is the main agent of industrial economic 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.

### **NATIONAL CONFERENCE ON ROLE OF ENGINEERS IN NATION BUILDING 2021(NCRENB- 2021)**

The main objective of the National Conference is to advance knowledge in building sciences in general and in aspects of building and construction in particular; to solve long-range problems of the building sector through methodological research and development; to provide support in solving short-term needs in areas where its expertise is crucial; and to disseminate knowledge and transfer technology.

Topics of Interest in NCRENB 2021 are as follows:

- 1 Electronics and Telecommunication Engineering
- 2 Electrical Engineering
- 3 Computer Engineering
- 4 Mechanical Engineering
- 5 Civil Engineering
- 6 Humanities & Applied Science

**NCRENB 2021 was organized in co-operation with following International Body:**  
VIVA-Tech IJRI

**Conference Statistics:**

**Track wise Paper Statistics: Selection**

| <b>Track Name</b>                           | <b>TRACK</b> | <b>Papers</b> | <b>Internal Review</b> | <b>CRC</b> |
|---|--------------|---------------|------------------------|------------|
| Electronics & Telecommunication Engineering | EXTC         | 20            | 20                     | 19         |
| Electrical Engineering                      | ELECT        | 35            | 35                     | 31         |
| Computer Engineering                        | COMP         | 24            | 24                     | 24         |
| Civil Engineering                           | CIVIL        | 52            | 52                     | 40         |
| Mechanical Engineering                      | MECH         | 60            | 60                     | 49         |
| Humanities & Applied Science                | HUMA         | 8             | 8                      | 7          |
| Master of Computer application              | MCA          | 29            | 29                     | 29         |
| <b>Total</b>                                |              | <b>228</b>    | <b>228</b>             | <b>199</b> |

| <b>Conference Registration Statistics: Track</b> | <b>Total</b> | <b>CRC</b> | <b>Registered /Recovery</b> | <b>Non-Registered</b> |
|--|--------------|------------|-----------------------------|-----------------------|
| EXTC   | 20           | 19         | 19                          | 1                     |
| ELECT  | 35           | 31         | 31                          | 4                     |
| COMP   | 24           | 24         | 24                          | 0                     |
| CIVIL  | 52           | 40         | 40                          | 12                    |
| MECH   | 60           | 49         | 49                          | 11                    |
| HUMA   | 8            | 7          | 7                           | 1                     |
| MCA  | 29           | 29         | 29                          | 0                     |
| <b>Total</b>                                     | <b>228</b>   | <b>199</b> | <b>199</b>                  | <b>29</b>             |

|   |     |
|---|-----|
| Total Paper Submissions                 | 228 |
| Accepted Full Papers for VIVA-TECH IJRI | 199 |
| Total Accepted Papers                   | 199 |
| Acceptance Rate                         | 87% |

Total 228 Papers were received out of which 199 Papers were accepted. The paper submission system was online managed by [www.easychair.org](http://www.easychair.org). The papers were reviewed by a panel of internal as well as external reviewers. For each paper minimum two reviews were performed. Minimum One review by internal (VIVA TECH) reviewer and one review by external reviewers were performed. All external reviewers were highly qualified & experienced personnel with good expertise. NCRENB-2021 was held on google meet platform. All papers were finally approved by program convener Dr. Arun Kumar for uploading on VIVA-TECH IJRI

### **Overall Response:**

Expected delegates: 207 (Registered)

Total delegates: **187** (Attended)

Percentage turn out: 90%

Total Resource persons: 12

### **Events organized**

Talk by- Dr. Richard Schilling, Professor at Reutlingen University  
Mr. Maqsood Shaikh, Chief Marketing Officer, Essar Oil & Gas Ltd.  
Mr. Amar Kumar, Project Consultant, ATOS India  
Mr. Kumar Rahul, Data science and strategy consultant

Paper presentation - 199 papers

### **Feedback**

Rated very high with the following notes from the delegates:

- a) Good technical contents and research oriented.
- b) Though creativity was there, need to be enhanced.
- c) Cooperative staff members.

**Prepared By:**

Prof. Archana Ingle

(NCRENB 2021, Co-Convener)

Prof. Karishma Raut

(NCRENB 2021, Coordinator)

Prof. Meena Perla

(NCRENB 2021, Organizing Committee)

Prof. Ameya Purandare

(NCRENB 2021, Organizing Committee)

**Approved By:**

Dr. Arun Kumar

(NCRENB 2021-Convener)

(Principal – VIVA Institute of Technology, Mumbai, Maharashtra)

Date: 07/05/2021

Place: VIVA-TECH, Mumbai, Maharashtra.