



Late Shri Vishnu Waman Thakur Charitable Trust's

## **VIVA Institute of Technology**

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

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

# **Conference Report**

## **NCRENB-2014**

### **Conference & Project Presentation 2014**

**Conference Dates:** 06<sup>th</sup> & 07<sup>th</sup> March 2014

**Conference Venue:** VIVA Institute of Technology, Shirgaon, Virar(E), Mumbai- 401303, Maharashtra.

The role of engineers in nation building is irrefutable. No less a person than the late Prime Minister Pandit Shri Jawaharlal Nehru has lauded Engineers as builders of the nation. The quality of engineer is very vital for achieving the national objectives. Importantly, engineers are the bridge between science and technology. Without engineers, technology has little meaning. It is also important to note that engineering is not only a science but also a profession, and a very demanding one. It requires the best of training and calls for permanent education in the face of the relentless evolution of technology, growing complexity of systems, and ever increasing international competition affecting our manufacturing and service industries.

The conference will feature plenary talks, invited papers by distinguished researchers and technologists from Academia and industry followed by parallel paper presentation sessions. The main events are as follows.

### **NATIONAL CONFERENCE ON ROLE OF ENGINEERS IN NATION BUILDING 2014 (NCRENB 2014)**

The objective of this conference is to discuss fundamentals, applications and experiences in the field of Technology and Sciences and provide a platform to researchers and academicians in line spreading with the vision. i.e. "*spreading and sharing knowledge*".

Topic of Interest in NCRENB 2014 are as follows:

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

## **5. Project Presentation (2014)**

University curriculum and the practices in industry finds a wide gap today. To bridge this gap, the project presentation practices can be made an integral part of engineering curriculum. To achieve this an initiative through NCRENB 2014 was taken by VIVA-TECH. The current initiative will provide a platform for the students, researchers and faculty acquainted with the current trends and practices in presenting 'Project Presentation' is proposed in NCRENB 2014. The project covered wide variety of topics from various domains like Information Technology, Communication Engineering, Mechanical Engineering domains etc.

**NCRENB 2014 was organized in co-operation with following International & National Bodies:**

- 1. International Journal of Computer Application (IJCA), USA**
2. Indian Institution of Industrial Engineering (IIIE), Mumbai

**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(NCRENB 2014) | EXTC         | 23            | 21                     | 20         |
| Electrical Engineering (NCRENB 2014)                     | ELECT        | 08            | 07                     | 06         |
| Computer Engineering (NCRENB 2014)                       | COMP         | 39            | 37                     | 37         |
| Civil Engineering (NCRENB 2014)                          | CIVIL        | 3             | 2                      | 2          |
| Mechanical Engineering (NCRENB 2014)                     | MECH         | 10            | 10                     | 10         |
| HUMANITIES   | HUMA         | 06            | 06                     | 5          |
| <b>Total</b>   |              | <b>89</b>     | <b>83</b>              | <b>80</b>  |

| <b>Conference Registration Statistics:</b> | <b>Total</b> | <b>CRC</b> | <b>Registered /Recovery</b> | <b>Non Registered</b> |
|--|--------------|------------|-----------------------------|-----------------------|
| <b>Track</b>                               |              |            |                             |                       |
| EXTC                                       | 23           | 20         | 20                          | <b>03</b>             |
| ELECT                                      | 08           | 06         | 06                          | --                    |
| COMP                                       | 39           | 37         | 37                          | --                    |
| CIVIL                                      | 3            | 2          | 2                           | --                    |
| MECH                                       | 10           | 10         | 10                          | --                    |
| HUMA                                       | 06           | 5          | 5                           | --                    |
| <b>Total</b>                               |              | <b>80</b>  |                             |                       |

|   |          |
|---|----------|
| Total Paper Submissions                       | 89       |
| Accepted Full Papers for IJCA Digital Library | 06       |
| Total Accepted Papers                         | 80       |
| Acceptance Rate                               | 89%      |
| Journal Paper Acceptance Rate                 | 7.5%     |
| Total Reviews                                 | 80*2=160 |

Total 89 Papers for 356 authors were received. 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 papers minimum two reviews were performed. Minimum One review by internal (VIVA TECH) reviewer and one reviews by external reviewers were

performed. All external reviewers were highly qualified & experienced personnel with good expertise. All papers were finally approved by program convenor Dr. Arun Kumar for uploading on IIIE and IJCA Digital Library.

**Overall Response:**

Expected delegates : 89 (Registered)

Total delegates : 85 (Attended)

Percentage turn out : 89%

Total Resource persons : 08

**Events organized**

Paper presentation - 80 papers

Project Presentation – 20 groups

| Events Attendance Participation |                                  | Participants / Delegates |            | Resource Persons |           |
|---------------------------------|----------------------------------|--------------------------|------------|------------------|-----------|
| Sr.                             | Event                            | Day 1                    | Day 2      | Day 1 + Day 2    |           |
| 1                               | Conference Presentation          | 40                       | 45         | 85               | 08        |
| 2                               | Project Presentation             | 80                       | -          | 80               | 08        |
| 3                               | Inaugural & Valedictory Function | -                        | 100        | 100              | 04        |
| <b>Total</b>                    |                                  | <b>120</b>               | <b>145</b> | <b>265</b>       | <b>20</b> |

**Key arrangements**

**1. Venue arrangement :**

- a) Paper presentation – Room No D001 to D005
- b) Project Presentation - Seminar Hall
- c) Inaugural /Valedictory function – Seminar Hall
- d) Food arrangement - Canteen

**2. Registration kit/proceeding distribution – Office counter**

**Proceeding CD Distributed**

As per record : (Approx. 80)

Against expected : 80

**Feedback**

Rated very high with the following notes from the delegates:

- a) Good Technical Presentation
- b) Cooperative staff members

**Prepared By:**

Prof. Archana Ingle  
(NCRENB 2014 – Co-Convenor)

Prof. Meena Vallakati  
(NCRENB 2014 – Organizing Committee)

**Approved By:**

Dr. Arun Kumar  
(NCRENB 2014 -Convenor)  
(Principal – VIVA Institute of Technology, Mumbai, Maharashtra)

Date: 10/03/2014

Place: VIVA-TECH, Mumbai, Maharashtra.