Conference Report
NCRENBF-2016
Conference & Project Presentation 2016

Conference Dates: 03rd & 04th March 2016
Conference Venue: VIVA Institute of Technology, Shirgaon, Virar(E), Mumbai- 401305, Maharashtra.

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 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 2016 (NCRENBF 2016)

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 NCRENBF 2015 are as follows:
1 Electronics and Telecommunication Engineering
2 Electrical Engineering
3 Computer Engineering
4 Mechanical Engineering
5 Civil Engineering
6 Humanities & Applied Science
Project Presentation (2016)

University curriculum and the practices in industry find a wide gap today. To bridge this gap, the project presentation practices can be made an integral part of engineering curriculum. To achieve this initiative through NCRENB 2016 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 2016. The project covered wide variety of topics from various domains like Information Technology, Communication Engineering, Mechanical Engineering domains etc.

NCRENB 2016 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

<table>
<thead>
<tr>
<th>Track Name</th>
<th>TRACK</th>
<th>Papers</th>
<th>Internal Review</th>
<th>CRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronics &amp; Telecommunication Engineering</td>
<td>EXTC</td>
<td>26</td>
<td>26</td>
<td>25</td>
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<tr>
<td>Electrical Engineering</td>
<td>ELECT</td>
<td>21</td>
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<td>12</td>
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<tr>
<td>Computer Engineering</td>
<td>COMP</td>
<td>36</td>
<td>36</td>
<td>31</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>CIVIL</td>
<td>31</td>
<td>31</td>
<td>22</td>
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<tr>
<td>Mechanical Engineering</td>
<td>MECH</td>
<td>37</td>
<td>37</td>
<td>32</td>
</tr>
<tr>
<td>Humanities &amp; Applied Science</td>
<td>HUMA</td>
<td>16</td>
<td>16</td>
<td>12</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td>167</td>
<td>167</td>
<td>134</td>
</tr>
</tbody>
</table>

Conference Registration Statistics: Track

<table>
<thead>
<tr>
<th>Track</th>
<th>Total Papers</th>
<th>CRC Registered /Recovery</th>
<th>Non Registered</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXTC</td>
<td>26</td>
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<tr>
<td>ELECT</td>
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<tr>
<td>CIVIL</td>
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<td>22</td>
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<tr>
<td>HUMA</td>
<td>16</td>
<td>12</td>
<td>4</td>
</tr>
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<td><strong>Total</strong></td>
<td>167</td>
<td>134</td>
<td>33</td>
</tr>
</tbody>
</table>
Total 167 Papers were received out of which 134 Papers for 165 authors were accepted. The paper submission system was online managed by 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. All papers were finally approved by program convener Dr. Arun Kumar for uploading on IIIE and IJCA Digital Library.

**Overall Response:**
- Expected delegates : 200 (Registered)
- Total delegates : 165 (Attended)
- Percentage turn out : 83%
- Total Resource persons : 11

**Events organized**
- Paper presentation - 134 papers
- Project Presentation - 40 groups

**Key arrangements :**

1. **Venue arrangement :**
   a) Paper presentation – 4th Floor A wing
   b) Project Presentation – 4th Floor B wing
   c) Inaugural /Valedictory function – Seminar Hall
   d) Food arrangement – Ground Floor A-008

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

**Proceeding CD Distributed**
- As per record: 134

**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) Hospitality was excellent.
  d) Cooperative staff members.
Prepared By:
Prof. Archana Ingle
(NCRENB 2016, Co-Convener)
Prof. Meena Vallakati
(NCRENB 2016, Organizing Committee)

Approved By:
Dr. Arun Kumar
(NCRENB 2016 -Convener)
(Principal – VIVA Institute of Technology, Mumbai, Maharashtra)
Date: 05/08/2016
Place: VIVA-TECH, Mumbai, Maharashtra.