Annual Report - April 2016 to March 2017

Activities of the VTU e-Learning Centre during April 2016 to March 2017 are detailed below:

   The Live telecast of the following 8 Subjects was done successfully which was well received and utilized by many VTU affiliated colleges.
   - 15MAT21 - Engineering Math’s -II
   - 15ELN25 – Basic Electronics
   - 15PCD23 – Programming in C and Data Structure
   - 15ELE25 – Basic Electrical Engineering
   - MATDIP401 - Bridge Course in Advanced Mathematics –II
   - 10EE44 – Field Theory
   - 10ME64 – Finite Element Methods
   - 14MBA22 – Financial Management (PG)

VTU EDUSAT Programme-21: 6th September, 2016 to 05th November, 2016
   The Live telecast of the following 5 Subjects was done successfully which was well received and utilized by many VTU affiliated colleges.
   - 15EE32 - Electrical Circuit Analysis
   - 15CS32 – Analog and Digital Electronics
   - 15EC32 – Analog Electronics
   - 15CV33 – Fluid Mechanics
   - 15ME33 - Basic Thermodynamics

VTU EDUSAT Programme-22: 27th February, 2017 to 03rd June, 2017
   Telecasting of the following 8 Subjects is in progress.
   - 15PCD13/23 – Programming in C and Data Structures
   - 15MAT21 – Engineering Mathematics - II
   - 15 CIV13/23 – Elements of Civil Engineering and Mechanics
   - 15ELN15/25 – Basic Electronics
   - 15EC45 – Signals and Systems
   - 15 ELE15/25 – Basic Electrical Engineering
   - 15MAT41 – Engineering Mathematics - IV
   - 15CS44 – Microprocessors and Microcontrollers
Live Interview Session with industry experts on the theme “What College didn’t teach me?” was conducted with following experts

<table>
<thead>
<tr>
<th>#</th>
<th>Industry Experts</th>
</tr>
</thead>
</table>
| 1. | Ms. Jyothi Noronha  
Managing Director  
FulcrumEdu, Bengaluru |
| 2. | Mr. Aravind Srinivas  
Principal Consultant  
Tata Consultancy Services Ltd., Bengaluru |
| 3. | Mr. Pramod Havanur  
Manager  
Production and Planning Control,  
TVS Motor Company, Ltd., Bengaluru |

II. Additional activities

- Video Coverage of VTU 15th Annual Convocation at Jnana Sangama, Belagavi was done on 27th May, 2016.
- Video recording of 3rd Semester CSE and ECE branches laboratory experiments was done at Don Bosco Institute of Technology, Bengaluru and BNMIT, Bengaluru.
- Video Coverage of VTU 16th Annual Convocation at Jnana Sangama, Belagavi was done on 21st January, 2017.
- Video coverage of One Day Symposium Programme on Building Expertise & Enhancing Employability at VTU Regional Office, Bengaluru was done on 24/03/2017.

III. Revival of Satellite Interactive Terminals (SIT’s)

- The e-Learning team conducted a physical survey in three phases to ascertain the working status of SIT’s in 193 provided colleges. Out of 193 colleges 129 colleges are operational for the academic year 2016-17.
- Our staff Mr.Girish Y. S. and Mr.Shiva Kumar S. B. have revived faulty Satellite Interactive Terminals in many VTU colleges.

IV. Sharing of e-Contents to VTU requested colleges

Video contents of NPTEL and EDUSAT Programme have been shared to the following colleges, on request.
1. PES College of Engineering, Mandya
2. JSS Academy of Technical Education, Bengaluru
3. Ballari Institute of Technology and Management, Bellary
4. SJM Institute of Technology, Chitradurga
5. ATME College of Engineering, Mysuru
V. Workshop on Research Methodologies and Latex
The following workshops were successfully conducted

<table>
<thead>
<tr>
<th>#</th>
<th>Dates</th>
<th>Title and Venue</th>
<th>No. of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>26/05/2016 to 28/05/2016</td>
<td>Workshop on &quot;Research Methodologies and Latex&quot; at Don Bosco Institute of Technology, Bengaluru</td>
<td>151</td>
</tr>
<tr>
<td>2</td>
<td>19/07/2016 to 21/07/2016</td>
<td>Workshop on “Research Methodologies and Latex” at Mangalore Institute of Technology &amp; Engineering, Moodabidri</td>
<td>136</td>
</tr>
<tr>
<td>3</td>
<td>20/12/2016 to 22/12/2016</td>
<td>Workshop on “Research Methodologies and Latex” at Rajarajeswari College of Engineering, Bengaluru</td>
<td>186</td>
</tr>
<tr>
<td>4</td>
<td>25/08/2016 to 27/08/2016</td>
<td>Workshop on “Research Design and Statistical Analysis Using SPSS” at VTU Post Graduation Centre, Mysuru.</td>
<td>39</td>
</tr>
<tr>
<td>5</td>
<td>30/01/2017 &amp; 31/01/2017</td>
<td>Workshop on &quot;Intellectual Property Rights&quot; at Rao Bahadur Y Mahabaleshwarappa Engineering College, Ballari</td>
<td>71</td>
</tr>
</tbody>
</table>

VI. VTU-NPTEL Local Chapter
VTU e-Learning Centre, Mysuru has setup VTU-NPTEL Local chapter on November 2015. The objective is to create awareness and enable students to obtain certification on different subjects, which makes them more employable or helps them to pursue higher education. About 700 students from the affiliated colleges have enrolled for the NPTEL MOOC courses.

VII. Video on Demand
Videos of EDUSAT Programmes 20, 21 & 22 and all the first year laboratory courses have been made available on the website http://videos.vtu.ac.in. So far around 230000 students have accessed the videos.

VIII. VTU Digital Valuation System
The staff of VTU e-Learning Centre, Mysuru had been deputed to VTU Valuation work at different centers during January to May 2017. The details are shown below.

<table>
<thead>
<tr>
<th>#</th>
<th>Name</th>
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<tbody>
<tr>
<td>1</td>
<td>Manjunath B</td>
<td>AIT Chikmagalur</td>
</tr>
<tr>
<td>2</td>
<td>Lokesh B</td>
<td>VTU Regional Centre, Mysuru</td>
</tr>
<tr>
<td>3</td>
<td>Shivakumara S B</td>
<td>St. Joseph Institute of Technology, Mangalore</td>
</tr>
<tr>
<td>4</td>
<td>Girish Y S</td>
<td>St. Joseph Institute of Technology, Mangalore</td>
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