**Rajiv Gandhi ProudyogikiVishwavidyalaya**  
(State Technological University of Madhya Pradesh)  
Airport Road, Gandhi Nagar, Bhopal 462033

Short Term Training Programme from 14th Sept to 19th Sept 2020  
On  
**“RECENT TRENDS AND ADVANCEMENTS IN ELECTRICAL ENGINEERING WITH CHALLENGES & OPPORTUNITIES”**

**Duration**: Six Days (14th, 15th, 16th, 17th, 18th & 19th Sept 2020)  
**Coordinator**: Miss. Kavita Kushwah  
**Co-coordinator**: Prof. Priyanka Rajawat  
**Total participants** –

<table>
<thead>
<tr>
<th>Day</th>
<th>Forenoon Session</th>
<th>Afternoon Session</th>
</tr>
</thead>
</table>
| 14/09/2020| **Inauguration & Session – 1**  
Speaker: Balasubramanya C  
**Topic**: Challenges in Smart Grid and Smart Meter Technology Applications | **Session – 2**  
Speaker: Balasubramanya C  
**Topic**: Innovations and Challenges in Smart Metering System Solutions |
|           | **Session – 3**  
Speaker: Dr. Rajesh Kumar  
**Topic**: Wind power forecasting and energy conversion | **Session – 4**  
Speaker: Dr. Tripta Thakur  
**Topic**: Industry 4.0 |
| 15/09/2020| **Session – 5**  
Speaker: Dr. Rajesh Kumar  
**Topic**: Wind power forecasting and energy conversion | **Session – 6**  
Speaker: Dr. N. Beniwal  
**Topic**: Efficiency Improvement of PVT System |
| 16/09/2020| **Session – 7**  
Speaker: Dr. Rajesh Kumar  
**Topic**: Wind power forecasting and energy conversion | **Session – 8**  
Speaker: Deepak Kumar  
**Topic**: Trending Earthing Technology |
| 17/09/2020| **Session – 9**  
Speaker: Dr. Akash Saxena  
**Topic**: Wind Forecasting | **Session – 10**  
Speaker: Dr. Rajesh Kumar  
**Topic**: Wind power forecasting and energy conversion |
| 18/09/2020| **Session – 11**  
Speaker: Pawan Mathur  
**Topic**: Transformer- Faults and their Remedies | **Session – 12**  
Speaker: Dr. Vinod Singh  
**Topic**: How to overcome the Effect of Mobile Phone Radiations on Human Health |

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<th>S.No.</th>
<th>Name of Expert</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Balasubramanya C (Rtd GM, BHEL and International trainer &amp; freelance consultant -smart grids and smart meters)</td>
<td>Challenges in Smart Grid and Smart Meter Technology Applications</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Rajesh Kumar (Professor &amp; HOD in EE Department MNIT Jaipur)</td>
<td>Innovations and Challenges in Smart Metering System Solutions</td>
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<tr>
<td>3</td>
<td>Dr. Tripta Thakur (Professor, MANIT, Bhopal)</td>
<td>Wind power forecasting and energy conversion</td>
</tr>
<tr>
<td>4</td>
<td>Dr. N. Beniwal (Associate Professor, BIET, Jhansi)</td>
<td>Industry 4.0</td>
</tr>
<tr>
<td>5</td>
<td>Deepak Kumar (Senior Engineer E&amp;M, Aecom india pvt ltd )</td>
<td>Efficiency Improvement of PVT System</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Akash Saxena (HOD in EE Department, SKIT, Jaipur)</td>
<td>Trending Earthing Technology</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Vinod Singh (Director, CEMT Jhansi)</td>
<td>Wind Forecasting</td>
</tr>
<tr>
<td>8</td>
<td>Mr. Pawan Mathur (Senior Manager, CG, Bhopal)</td>
<td>How to overcome the Effect of Mobile Phone Radiations on Human Health</td>
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Transform: Transformer- Faults and their remedies