

### Objectives and Course Content of Short Term Courses

<b>Operational Plan No.</b>	ICT-37
<b>Name of the Course</b>	Science and Technology for Sustainable Development
<b>Objectives of Course</b>	<p>This training programme is specially designed for Engineering College and Polytechnic faculty to upgrade the knowledge regarding various aspects of sustainable development and strategies for achieving sustainable growth through application of science and technology. The course aims to achieve the following objectives:</p> <ul style="list-style-type: none"> <li>- To impart the knowledge with respect to aspects and need for sustainable development</li> <li>- To upgrade knowledge regarding significant issues energy and environment as well as related technology solutions</li> <li>- To apprise the participants regarding emerging and upcoming areas of research in sustainable development</li> <li>- To make the participants aware of the various measures, policies and agencies working in the field of energy, environment and sustainable development</li> </ul>
<b>Course Content</b>	<p>The programme will be designed with the following major topics:</p> <ul style="list-style-type: none"> <li>- Aspects of Sustainable development</li> <li>- Status and issues regarding energy and environment</li> <li>- Science and Technology based solutions to achieve sustainable development</li> <li>- Research areas in sustainable development</li> <li>- Schemes of Govt. of India related to sustainable development</li> </ul>
<b>Name of Course Coordinator with E-mail ID &amp; Contact Number</b>	<p>Dr. Poonam Syal,  <a href="mailto:poonamsyal@nitttrchd.ac.in">poonamsyal@nitttrchd.ac.in</a>            0172-2759568</p>