

## Brief Contents of STCs 2018-19

<b>Operational Plan No.</b>	<b>Climate Change and Disaster Management</b>
<b>Name of Course</b>	<b>RD-5</b>
<b>Introduction and Objectives of Course:</b>	<p>Climate change due to anthropogenic activities has been a major concern for the scientists and planners world over. Industrial pollution, vehicular pollution, huge deforestation and change in natural landscape and increase in CFC gases have been the major factors for increasing the temperature of the earth surface and its atmosphere. It has led to ecological imbalance and many a time reflected in terms natural hazards like Earthquake, flood, landslide, Cyclone, Drought, Forest Fire etc. But the manmade disasters like deforestation, epidemic, pollution, industrial accidents, nuclear explosion etc., are the real causes behind its natural consequences. Disaster management has become an important national/international issue particularly in context of some highly damaging natural hazards and disasters occurred in last three decades like Chennai Flood, cloud bursting and floods in Kedarghati and Jammu and Kashmir, Cyclone in coastal regions, earthquake in J &amp; K and Bhuj, tsunami in Indian continent etc. The aim of the present short term training programme would be to highlight some of the major issues of climate change, natural disasters, techniques and strategies for sustainable development by mitigating the natural hazards successfully.</p>
<b>Course Contents</b>	<ul style="list-style-type: none"> <li>• Climate change and its impact</li> <li>• Natural disasters and their mitigation</li> <li>• Technologies for sustainable development</li> <li>• Role of technical institutions in disaster management and sustainable development.</li> <li>• Role of Communication and Establishing Emergency Communication System</li> <li>• Earthquake and its mitigation</li> <li>• Landslides and its mitigation</li> <li>• Drought and its Mitigation</li> <li>• Disaster Management Plan.</li> </ul>
<b>Name of Course Coordinator with e-mail ID &amp; Contact Number</b>	<ul style="list-style-type: none"> <li>▪ Dr UN Roy, <a href="mailto:unroy2000@yahoo.com">unroy2000@yahoo.com</a> Tel: 0172-2759539</li> </ul>