

**Department of Civil Engineering, Government College of Engineering, Aurangabad**

*Online ONE WEEK TEQIP - SHORT TERM TRAINING PROGRAMME on*

**“Advanced Technologies in Water Resources Management (ATWARM-2020)”, during 23-27 November, 2020**

*Sponsored by Technical Education Quality Improvement Programme (TEQIP Phase III)*

**Schedule of TEQIP-STTP**

| <b>Date, Day</b>                 | <b>10.00 am - 11.30 am</b>   | <b>11.30 am – 1.00 pm</b>   | <b>1.00 pm – 2.00 pm</b>         | <b>2.00 pm – 3.30 pm</b>  | <b>3.30 pm – 5.00 pm</b>  |
|----------------------------------|--|---|----------------------------------|---|---|
| <b>23-11-2020,<br/>Monday</b>    | <b>Inauguration /</b><br>Particle Swarm Optimization for Multi Objective Optimization<br><i>Prof. D. Nagesh Kumar,<br/>IISc, Bangalore</i>   | Applications of Remote Sensing and GIS in Water Resources<br><i>Prof. Ashish Pandey,<br/>IIT Roorkee</i>                                | <b>L<br/>U<br/>N<br/>C<br/>H</b> | Geospatial techniques for monitoring & evaluation of water resources<br><i>Dr. Santosh M. Pingale<br/>NIH Roorkee</i>                     | Ecosystem Resilience and Drought<br><br><i>Prof. Manish Kumar Goyal<br/>IIT Indore</i>  |
| <b>24-11-2020,<br/>Tuesday</b>   | River basin scale Landuse Land cover and climate change impact assessment<br><i>Prof. T. I. Eldho,<br/>IIT Bombay</i>                        | Remote sensing and GIS applications in hydrological modelling<br><i>Dr. Sanjay Jain<br/>NIH, Roorkee</i>                                |                                  | Spatiotemporal Analysis of Drought Characteristics in the Girna Basin, India<br><i>Dr. S.M.Yadav<br/>SVNIT, Surat</i>                     | Multi Reservoir System Optimization Using Genetic Algorithm for Water Resources Management<br><i>Dr. S.D. Gorantiwar<br/>MPKV, Rahuri</i>   |
| <b>25-11-2020,<br/>Wednesday</b> | Soft Computing for Reservoir Operation<br><br><i>Prof. V. Jothiprakash,<br/>IIT Bombay</i>   | Two phase Fuzzy Multi-objective optimization for Water Resources System management<br><i>Dr. Ashwini Mirajkar<br/>VNIT Nagpur</i>       |                                  | Geo-Hydrological Studies using Geo-spatial Technology: Case Studies of Different River Basins”<br><i>Dr. C. M. Rao<br/>NIT Jamshedpur</i> | Neutrosophic Linear Programming<br><br><i>Dr. J. B. Gurav<br/>ACOE, Sangamner<br/>&amp;<br/>Dr. Sumant A. Chaudhari<br/>JSPM, NTC, Pune</i> |
| <b>26-11-2020,<br/>Thursday</b>  | Multi-objective Multi-reservoir Optimization for River Sub Basin Development and Management<br><i>Dr. D. G. Regulwar<br/>GEC, Aurangabad</i> | Real-time reservoir inflow forecasting using soft computing techniques<br><i>Dr. Rajendra B. Magar<br/>AIKTC, Navi Mumbai</i>           |                                  | Assessing the impacts of climate change on water resources<br><i>Prof. N. V. Umamahesh<br/>NIT Warangal</i>                               | Climate Models and its Comparative Analysis<br><br><i>Dr. Amarish Landage<br/>GEC, Karad</i>  |
| <b>27-11-2020,<br/>Friday</b>    | Impact of Climate Variability on Water Security of Tapi Basin in India<br><i>Prof. P.L.Patel<br/>SVNIT, Surat</i>                            | Performance prediction of complex engineering systems using Fuzzy and Neuro-Fuzzy modeling<br><i>Dr. A. L. Varne<br/>KKWCOE, Nashik</i> |                                  | Understanding the society – A Framework for New Millennium<br><i>Prof. P. Anand Raj<br/>NIT Warangal</i>                                  | <b>Valedictory Function<br/>(3.30 pm onwards)</b>   |