

# DETAILED AGENDA OF ETCE-2020 RESOURCE PERSONS



**TEQIP-3**

Technical Education Quality Improvement Programme

**DEPARTMENT  
OF CIVIL  
ENGINEERING**

**VEER SURENDRA  
SAI UNIVERSITY OF  
TECHNOLOGY  
BURLA, ODISHA,  
INDIA**

**ODISHA, INDIA**

**DAY 01**



Prof. Jyanta Kumar



Prof. Y M Desai

**DAY 02**



Prof. K.S Reddy



Prof. B  
Bhattacharjee

**DAY 03**



Prof. Digvijay  
Pawar



Prof. P Mohapatra

**DAY 04**



Prof. C. R. Ray



Prof. S K  
Bhattacharyya

**DAY 05**



Prof. M.M  
Ghangrekar



Prof. N. Kumar

**CO-ORDINATORS**



Prof. A. N. Nayak



Dr. S K Panigrahi

## TIME TABLE

Faculty Development Program (FDP) on

Emerging Trends in Civil Engineering, ETCE-2020 from 14/09/2020 to 18/09/2020

Date/Day	Activities		L U N C H	Activities	
	10.30 AM - 12.30 PM			3.00 PM-5.00 PM	
14/09/2020 (Mon)	Inauguration	Lecture 1 Prof. Jyanta Kumar, IISC Bangalore 11.00-12.30		Lecture 2 Prof.Yogesh M Desai, IIT Bombay	
15/09/2020 (Tue)	Lecture 3 Prof Bishwajit Bhattacharjee, IIT Delhi		B	Lecture 4 Prof. K.S Reddy, IIT Kharagpur	
16/09/2020 (Wed)	Lecture 5 Prof. Pranab Mohapatra, IIT Gandhinagar		R E	Lecture 6 Prof. Digvijay Pawar, IIT Hyderabad	
17/09/2020 (Thu)	Lecture 7 Prof. Chittaranjan Ray, University of Nebraska		A K	Lecture 8 Prof S K Bhattacharyya, IIT Kharagpur	
18/09/2020 (Fri)	Lecture 9 Prof. D. Nagesh Kumar, IISC Bangalore			Lecture 10 Prof.M.M Ghangrekar, IIT Kharagpur	

Lecture 1: Application of the Finite Elements Limit Analysis to Geomechanics  
Lecture 2: FRP Composites in Civil Engineering  
Lecture 3: Concrete and Material Research: A Rational Perspective  
Lecture 4: Flexible Pavement Design  
Lecture 5: Numerical simulation of 2D/3D dam breach flows  
Lecture 6: Statistical modelling and Classification techniques  
Lecture 7: Low-cost water supply and treatment potential for communities  
Lecture 8: Disaster Mitigation  
Lecture 9: Genetic Algorithms for Single and Multi-Objective Optimization of Reservoir Operation  
Lecture 10: Exploiting Bio-electrochemical Systems for Wastewater Treatment and Value added product recovery