

**Five days International  
Virtual Workshop  
on  
Climate Change Impact  
on Water Resources  
Systems  
(CCIWRS-2020)**

**Sponsored by TEQIP III  
(In Association with IIC, NIT Silchar)**

**28<sup>th</sup> September to  
02<sup>nd</sup> October 2020**



**Organized by**

**Department of Civil Engineering  
National Institute of Technology  
Silchar 788010**

**Patron**

**Prof. Sivaji Bandyopadhyay,**  
Director, NIT Silchar

**Chairperson**

**Dr. Parthajit Roy**  
Head, Department of Civil Engineering  
NIT Silchar

**Convener**

**Dr. Sukumar Pati**  
TEQIP-III Coordinator  
Mechanical Engineering Department  
NIT Silchar

**Members**

**Prof. Parthasarathi Choudhury,  
Prof. Dibakar Chakraborty  
Prof. Upendra Kumar  
Dr. Parthajit Roy  
Dr. Briti Sundar Sil  
Dr. Dillip Kumar Ghose  
Dr. V V Kulkarni**

**Coordinators**

**Prof. A K Barbhuiya  
Dr. Susmita Ghosh  
Dr. Prashanth J**

**About the Institute**

National Institute of Technology (NIT) Silchar, an Institute of National Importance under the NIT Act was established in 1967 as Regional Engineering College (REC) Silchar in Assam. In year 2002, it was upgraded to the status of an NIT from REC. NIT Silchar is situated on the banks of river Barak and on a sprawling campus spread over 600 acres of land on the outskirts of Silchar. The landscape of NIT Silchar campus is beautiful and lush green with lakes and hillocks, surrounded by tea gardens. NIT Silchar offers B.Tech degrees in six branches of engineering and many post graduate degrees in various departments across science and management streams. Well-equipped laboratories of the institute aid research work 24x7 to achieve new heights in technical field. The excellent teaching, learning and research environment of NIT Silchar is reflected in the 2020 NIRF ranking where NIT Silchar has been ranked 46<sup>th</sup> among the engineering colleges in India.

**About the Department**

The Department of Civil Engineering started its journey in 1977. Ever since the inception, it has been imparting quality education to under graduate students. The department presently fosters five PG courses. There are about a dozen laboratories with various research and testing facilities. The faculty consists of eminent specialists from diverse fields and there is commendable research ambience in the department.

## About CCIWRS 2020

Climate change is already affecting the planet and will remain to do so for generations to come. Much of the impact of climate change will be felt through changing patterns of water availability, with shrinking glaciers and changing patterns of precipitation increasing the likelihood of drought and flood. If climate change is the shark, then water is its teeth and it is an issue on which researchers need far greater levels of understanding. The workshop focuses on expanding the knowing of the impact of changing climate on water resources, and developing and implementing adaptive water resources policies.

The event will be an ideal opportunity for Industry experts, Engineers, Scientific officers, Professionals, Researchers, to widen their scope listening to the renowned persons in the subject. The Workshop will provide the opportunity to have your questions and doubts cleared from the distinguished speakers during the Q&A session subsequent to the main session.

### Tentative External Speakers

#### **Prof. Deepak Kashyap**

Professor, IIT Ropar, India

#### **Prof. Subhasish Dey**

Professor, IIT Kharagpur, India

#### **Prof. C.S.P.Ojha**

Professor, IIT Roorkee, India

#### **Prof. Kishanjit Kumar Khatua**

Professor, NIT Rourkela, Odhisa, India

#### **Prof. Lakshman Nandagiri**

Professor, NITK, Surathkal, India

#### **Dr. Suryachandra A. Rao**

Scientist G, IITM, Pune, India

#### **Prof. Rajib Maity**

Associate Professor, IIT Kharagpur, India

#### **Prof. Manasa Ranjan Behera**

Assoc. Professor, IIT Bombay, India

#### **Dr. Atanu Bhattacharya**

University of St. Andrews, Scotland

### Internal speakers

#### **Prof. A K Barbhuiya**

Professor, NIT Silchar, India.

#### **Dr. B.S. Sil**

Assistant Professor, NIT Silchar, India.

#### **Dr. Susmita Ghosh**

Assistant Professor, NIT Silchar, India.

#### **Dr. Prashanth J**

Assistant Professor, NIT Silchar, India.

### Eligibility and Registration

Professionals, academicians and researchers from Colleges, R&D labs are invited to attend CCIWRS 2020. Social groups, NGOs and environment caretakers are also welcome.

### Important Dates

Last date of Online Registration is **25<sup>th</sup> Sept. 2020**

Registration Fee: Nil

Number of participants is limited to 200

Online Registration Link:

<https://forms.gle/9fBoDXSSHyMTyQec8>

### Certification

E-certificates will be provided to all participants who attend all the sessions of CCIWRS 2020

### For queries please contact

#### **Dr. Susmita Ghosh**

Email: [susmita@civil.nits.ac.in](mailto:susmita@civil.nits.ac.in)

Mobile: +91-7086833798

#### **Dr. Prashanth J.**

Email: [prashanth@civil.nits.ac.in](mailto:prashanth@civil.nits.ac.in),

Mobile: +91-7896546042