

SPONSORSHIP / NOMINATION CERTIFICATE

Prof./Dr./Mr./Ms./Mrs./.....
.....

is an employee of our institute and his/her application is hereby sponsored / nominated. The applicant will be permitted to attend the short-term course **“Sustainable Water Resources Management under Changing Climate”** at IIT Indore during 28/05/18 to 02/06/18 if selected.

Our institute is (tick one):

- TEQIP Project funded /& listed Institution
- CFTI
- State Govt Funded Institution
- Other Institutions

Date Signature of Sponsoring Authority

Designation:

Official Seal:

Selected participants will be informed by e-mail.
The duly sponsored / nominated application form should be mailed to:

Dr. Manish Kumar Goyal, Course Coordinator,
Discipline of Civil Engineering, Indian Institute of
Technology, Indore, Khandwa Road, Simrol, Indore-
453552, Madhya Pradesh
Email: mkgoyal@iiti.ac.in

ABOUT TEQIP

The project, Third phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the Twelfth Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for Low Income States and Special Category States and support to strengthen few affiliated technical universities to improve their policy, academic, and management practices.

ABOUT IIT INDORE

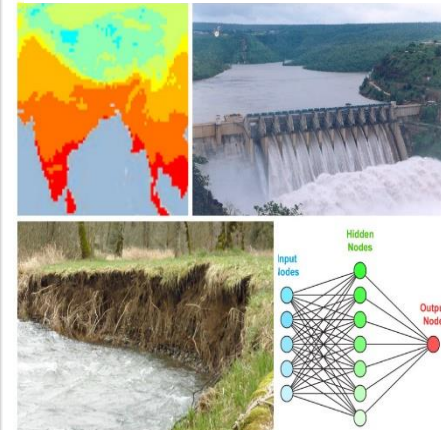
Indian Institute of Technology Indore located in Madhya Pradesh, known as IIT Indore or IITI, is an institute of national importance established by the Government of India in 2009. It is one of the eight new IITs, started by the Ministry of Human Resources Development (MHRD, India), Government of India. The institution started functioning from 2009-10 in a temporary campus at Institute of Engineering and Technology of Devi Ahilyabai University under mentorship of IIT Bombay. Shri Arjun Singh, the Union HRD minister, laid the foundation of the permanent campus, spread over an area of around 510-acre (2.12 km²), on 17th February 2009 at Simrol, a location on Khandwa Road about 25 km from the city of Indore. Since, February 2016, IIT Indore has started functioning from its permanent campus.



Indian Institute
of Technology Indore

SHORT TERM COURSE
ON

Sustainable Water Resources Management under Changing Climate



Course Coordinator

Dr. Manish Kumar Goyal

Course Co-coordinator

Dr. Sandeep Chaudhary

Conducted by

Discipline of Civil Engineering

Date: 28 May 2018 - 02 June 2018



IITI

TEQIP



ABOUT THE COURSE / EVENT

Faculty members of IIT Indore and guest faculty members from other premier Institutions/ Organizations will deliver lecture.

COURSE CONTENTS

Anthropogenic impact on climate change has proven to be more critical than the natural causes, which alters the pattern of the hydrological events that draws the attention of the society and policy makers for better management practices in the developing countries. Temporal and spatial projection of water availability has been a challenging task for the fraternity working the water resources and hydrology. The climate change causes intensification of some processes within the hydrological cycle, affecting ground and surface water supply for irrigation, domestic and industrial uses, water-based recreation and hydropower generation. Generation of spatio-temporal variability of regional water resource on long-term basis vis-à-vis varying anthropogenic and environmental stress (climate change) require sophisticated modeling tools, such as, GCMs (dealing with large scale climate modeling and change) with a downscaling model, coupled to hydrological models. The course addresses both water quantity & quality issues within an integrated water management. The basic objectives of the proposed short-term course on hydro-climatology is to make participants aware of the basics of climate change issues, concept of integrated water resources management in relation to climate change, hydrological modeling and dealing with uncertainty in water resources management.

Topics to be covered

- Climate change and water resources
- Hydrological modeling
- Water Management
- Flood management
- Watershed Management schemes
- Case studies

ELIGIBILITY

The course/ event is open to Faculty members, of TEQIP listed Institutions / Engineering Colleges and Govt funded State Technical Institutions. Seats that remain unfilled will be open to other institutions. No course fee is charged. Candidates from TEQIP institutions only will be reimbursed TA & DA from their respective institutions.

BOARDING AND LODGING

Boarding and lodging facilities (Guest House or Hostel rooms as per availability) will be provided for the selected candidates from TEQIP listed institutions. Depending on availability lodging may be extended to non TEQIP candidates on self-payment basis.

IMPORTANT DATES

The last date for the receipt of duly sponsored Applications: BY email/ Hard copy: **15 May 2018**
Intimation of selection: **17 May 2018**

SELECTION CRITERIA:

Number of seats - 30.

Selection will be based on First cum first served basis from priority

(i) TEQIP mapped Institution (ii) CFTI (iii) State Govt Institutions (iv) Other institutions.

FINANCIAL ASSISTANCE FROM IITI

Limited number of selected Participants from CFTIs & State Govt institutions (i.e.: Non TEQIP funded institutions) may be eligible & considered for reimbursement of to and fro railway fare via shortest route in sleeper class (proof of journey / ticket needed) and free lodging and boarding in the hostel during course period.

For others, the course fee is Rs. 3000/- (Three Thousand rupees only) per participant for professionals and Rs. 2000/- (Two Thousand rupees only) for students. Registration fee includes course material, tea, & working lunches. The fee is payable in advance by a crossed draft in favour of IIT Indore, payable at Indore. **NO** TA/DA will be paid by IIT Indore.

Selected participants will be informed by e-mail.

Address for correspondence:

Course Coordinator: **Dr. Manish Kumar Goyal**, Associate Professor, Discipline of Civil Engineering, Indian Institute of Technology Indore, Indore-453552

Email: mkgoyal@iiti.ac.in

Phone: +91 7324 - 306697

Application Form

1. Name (block letters):
2. Designation & pay scale:
3. Organisation:
4. Address for communication:

Pin code:

E-mail:

Fax No.

Mobile No./ Telephone:

5. Highest Academic Qualification:

6. Specialization:

7. Experience:

(a) Teaching: (b) Industrial:

9. Choice of Accommodation:

Hostel Guest House Will make my own arrangement.

10. Category: General Reserved

Please register me for the course on **“Sustainable Water Resources Management under Changing Climate”** to be held at IIT Indore.

I am sending an advance copy of this application by email to the coordinator of the course. And also, I undertake to send the Hard copy signed by the Head of our Institution.

Place:

Date:

Signature of the applicant