



FIVE Days
Faculty Development Program
on
INTEGRATED WATER
RESOURCES MANAGEMENT
(IWRM-2019)

22nd to 26th July, 2019

Organized by
DEPARTMENT OF CIVIL ENGINEERING



NITTE
EDUCATION TRUST

N.M.A.M. INSTITUTE OF TECHNOLOGY

(An Autonomous Institution affiliated to VTU, Belagavi)

Nitte - 574110, Karnataka, India

About the Institute

Nitte Mahalinga Adyanthaya Memorial Institute of Technology (N.M.A.M. Institute of Technology), affiliated to VTU, Belagavi, is an autonomous institution offering UG, PG and Ph.D. Programmes. The institute is a unit of Nitte Education Trust, Mangaluru. The institute being an ISO 9001:2015 certified institution offers seven UG and eleven M.Tech programs in Engineering, MBA and MCA programmes. All UG Programmes are accredited by National Board of Accreditation (NBA), New Delhi. It has been recognized as a 'Lead Institution' under the World Bank funded TEQIP programme (both Phase I & II) and also accredited with National Assessment and Accreditation Council (NAAC), New Delhi with 'A' Grade. The institute secured 128 position in the National Institutional Ranking Framework (NIRF) ranking - 2018, Government of India.

About the Department

The Civil Engineering Department was started in the year 1987 with a UG Programme having an intake of 60. Annual intake has been increased to 120 from the academic year 2012-13. M.Tech programme in Construction Technology was started in 2010 with an intake of 18 and M.Tech in Structural Engineering in the year 2017 with an intake of 24. The department is also recognized as a Research Centre under VTU, Belagavi offering M.Sc. (Engg.) and Ph.D. programmes. Presently 10 research scholars are pursuing their Ph.D. in the Department. In addition to this the department organizes seminars, workshops, industrial visits, and design competitions etc. for civil engineering students in association with OCEAN, IE (I), and ISTE. The department has taken up Karnataka State Council for Science & Technology (KSCST) and Nitte Deemed to be University funded research projects. The Department undertakes consultancy and third party inspection from Government and private agencies. The department is recognized as ISRO-IIRS Outreach Centre.

Civil Engineering Department is also working on development of Masonry Blocks and Paver Blocks using Industrial Waste Materials under Karnataka New Age Incubation Centre. N.M.A.M.I.T. funded by Dept. of IT, BT, S & T, Govt. of Karnataka. The department has been accredited by NBA for 3 years.

Department Vision

To uphold the Department as a leader in community development through innovation and excellence in diverse areas of Civil Engineering to meet the global challenges and market demands.

Department Mission

- To provide the students a strong theoretical knowledge and practical skills to understand the basic concept and fundamentals of various Civil Engineering subjects.
- To be competent and skilled enough to take the challenges in Research, Consultancy and Entrepreneurship.
- To encourage the students in developing professional ethics through discipline and principles.

About the FDP

Water crisis is a global problem which affects seriously the living standards of people all around the world. This crisis is caused not only because of water scarcity but also due to poor water resource management. Awareness among people is the primary requirement to attain the water resource management goal. This programme aims to give an in-depth knowledge in integrated water resource management principles and recent practices in the field. This may create an active and strong link among the participants to implement the gained knowledge and practices for the societal benefits.

Objectives of the FDP is to

- Enrich IWRM principles and recent practices.
- Import knowledge about national and local IWRM management processes and tools.
- Formulate plans to apply the knowledge acquired during the programme in practice.
- Extend a network through the other participants and resource persons for information exchange.
- Implement the gained knowledge in terms of projects.

Contents of FDP

The topics include: Introduction to IWRM; Understanding the Water Cycle; Ecosystem and Water; Climate Change; River basin; Stakeholder Participation/Involvement; Water Demand Management; RS & GIS applications to IWRM ; Ground Water; Public-Private Partnership in Water Management; Economic Dimensions of Water; Conflict Resolution; Sustainable Water Resources Management; models and their application.

Outcome of FDP

After attending FDP, participants will get in depth understanding about

- History and recent trends of water resource management.
- Integrated approaches to water resource management.
- Economic Dimensions of Water; Conflict Resolution.
- RS & GIS applications to IWRM
- Sustainable Water Resources Management.

Resource Persons

Dr. Eswar Rajasekaran, Civil Engineering Dept. (W R E), IIT Bombay

Shri. V. V. Bhat, Rtd, Secretary to the Government of India

Dr. H. B. Jagadeesh Scientist-D, CWPRS, Pune, Maharashtra, India

Prof. Dr. Nagaraj M.K., Senior Professor & Dean,
School of Engineering & Technology, CMR University, Bengaluru

Prof. Dr. R.Yadupathi Putty, Department of Civil Engineering, NIE Mysore

Prof. Dr. Lakshman Nandagiri, Professor,
Applied Mechanics and Hydraulics, Dept. NITK, Surathkal

Prof. Dr. G.S. Dwarakish, Professor, Applied Mechanics and Hydraulics,
Dept. NITK, Surathkal

Prof. Dr. Amba Shetty, Professor, Applied Mechanics and Hydraulics,
Dept. NITK, Surathkal

Prof. Dr. Paresh Chandra Deka, Professor,
Applied Mechanics and Hydraulics, Dept. NITK, Surathkal

Dr. Pruthviraj U, Assistant Professor, Applied Mechanics and Hydraulics,
Dept. NITK, Surathkal

Who can attend?

Faculty of Engineering, Polytechnic colleges / Universities, Industry people, Research Scholars, water resource engineers / professionals, hydrologists.

Registration Fee

Faculty / Research Scholars / Industry people / Research organization's : Rs. **2000/-**

Boarding and Lodging: Accommodation on twin sharing basis will be provided in the institute hostel. Amount of Rs. 200/- per day will be charged for each person depending on the demand and availability. (Inclusive of breakfast and dinner at hostel mess). Working lunch and tea will be provided at the program venue.

Registration Details : NEFT

Account Holder : Principal, N.M.A.M.I.T., Nitte
Account Number : 01152200033493
Type of Account : Savings Bank
Bank : Syndicate Bank, Nitte Campus
IFSC Code : SYNB0000115
MICR Code : 576025533

Note: Maximum number of participants: **30** (The participants will be selected on the first come first serve basis. **Last date for Registration: 15th July 2019**). Filled Registration Form along with NEFT Reference Number to be mailed to the FDP coordinator. be.bhojaraj@nitte.edu.in Intimation of selection through E-mail: 17th July 2019

ORGANISING COMMITTEE

Patron

Sri. N. Vinaya Hegde,

President, Nitte Education Trust
Chancellor, Nitte (Deemed to be University) Mangaluru

Chairman

Dr. Niranjan N. Chiplunkar, Principal

Co-Chairman

Dr. I. R. Mithanthaya, Vice Principal & Dean Academics

Convener

Dr. Mahadeva Gowda S.K., Professor & Head
email: hodcivil@nitte.edu.in

Co-Ordinators

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Program Committee

Dr. Udayakumar G.
Dr. A. N. Parameswaran
Dr. Srinath Shetty K.
Dr. Radhakrishnan K.
Mr. Y. R. Suresh
Mr. Lokesh. J.K.
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Mr. Shriram P. Marathe

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Mr. Gururaj Acharya

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Mr. Janakaraj M.
Mrs. Thangamani R.
Mrs. Thanushree A. Hegde

Members

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Mr. Sundip Shenoy
Mr. Ranjith A
Mr. Shaik Kabeer Ahmed

Mr. Prashantha Kumar K.
Mr. Manjunath M
Mr. Rakshith Kumar Shetty
Mr. Shanmukha Shetty
Mr. Sushanth Bhandary



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FIVE Days

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INTEGRATED WATER RESOURCES MANAGEMENT (IWRM-2019)

Registration Form

(Please Email to reach on or before **15th July, 2019**)

1. Name (In Capitals with Initials) :

2. Designation :

3. Address :

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4. Mobile No. :

5. E-mail :

6. Professional Experience :

7. Exposure in Water Resources :

8. Accommodation Required : Yes / No

9. Demand Draft / NEFT

Amount :Date :

Date :

Place : Signature of the applicant

(Photo copy/soft copy of this form may also be used)

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

From our institution will be permitted to attend Five days Faculty Development Programme on Integrated Water Resources Management (IWRM-2019) to be held from 22nd to 26th July 2019 at NMAMIT, Nitte.

Head of the Institution

(Signature and Seal)

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