

**SHRI MADHWA VADIRAJA INSTITUTE  
OF TECHNOLOGY AND MANAGEMENT**

Vishwothama Nagar, Bantakal, Udupi- 574115

**FACULTY  
DEVELOPMENT  
PROGRAM**

On

**WATER RESOURCES, GEO-ENVIRONMENTAL  
CHALLENGES AND ITS APPLICATION**

12 to 14 June, 2018

Name:.....

Designation:.....

Institution:.....

.....

Mobile:.....

Email:.....

Transaction No: .....

Accommodation required: Yes/No

Signature of participant

Mr./Ms.....is  
a faculty /employee of our institution and is hereby permitted to  
attend FDP at SMVITM Bantakal, Udupi, from 12-14 June 2018

Place: .....

Date: .....

Signature and  
stamp of Head of Institution

Correspondence Address:

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Mr. Anand V R  
HOD, Dept. of Civil Engg.  
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**Co-ordinators**

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Assistant Professor, Dept. of Civil Engg.  
SMVITM, Bantakal

Mr. Sunil Haldankar  
Assistant Professor, Dept. of Civil Engg.  
SMVITM, Bantakal

**ORGANISING COMMITTEE:**

Mr. N Madhusoodhan Rao, Assistant Prof. of Civil Engg.  
Mr. Ravi Kumar R, Assistant Prof. of Civil Engg.  
Mr. Vignesh B Shenoy, Assistant Prof. of Civil Engg.  
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Mr. Roshan S Kotian, Assistant Prof. of Civil Engg.

**FACULTY  
DEVELOPMENT  
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(WRGECA-2018)

12 to 14 June, 2018



Organized by:



**SHRI MADHWA VADIRAJA INSTITUTE OF  
TECHNOLOGY AND MANAGEMENT**

Dept. of Civil Engineering

(A Unit of Shri Sode Vadiraja Mutt Education Trust @, Udupi)  
Vishwothama Nagar, Bantakal - 574 115. Udupi District, Karnataka  
(Approved by AICTE, New Delhi; Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)  
Tel: +91820 2589182/2589183 Email: info@sode-edu.in  
Website: www.sode-edu.in



## ABOUT THE INSTITUTION

Established in the year 2010 under the aegis of Shri Sode Vadiraja Mutt Education Trust, Udupi, Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM) has emerged as a promising institution with a distinction and has been in the pursuit of academic excellence in the field of engineering education right from its inception. The sole aim of the Institute is to promote research activities of global standards and provide quality professional education in engineering and management to rural students at affordable costs and thereby ensuring the up-lift of the underprivileged

Though still at its infancy, SMVITM has carved a niche for itself in the field of technical education in the coastal Karnataka region. With its highly qualified and motivated faculty, state-of-the-art infrastructure and distinctive learning-centric facilities, the Institute has become one of the most sought after engineering institutes in the region. Currently, more than 1600 students are pursuing BE programmes in the four major disciplines at SMVITM. Civil Engineering, Mechanical Engineering, Electronics & Communication Engineering and computer Science & Engineering.

Admiring the very objective of SMVITM, Bantakal to provide holistic, value based education in the field of engineering to the students of rural belt at affordable costs, Former President of India, Bharat Ratna Dr. A P J Abdul Kalam made a prestigious visit on 02 April 2014 and interacted with the students, which is really a great honor to this budding institution

## ABOUT THE DEPARTMENT

The Civil Engineering Department has been in existence since the inception of the Institute during the academic year 2010-11 with an intake approval of 60 students. The Department has got a highly qualified team of faculty members having rich experience within the academia and industry. The Department is committed to provide quality education and produce competent engineers to meet the growing demand for professionals in civil engineering.

The Department has set up state-of-the-art laboratories that are on a par with Institutions of repute in different fields of civil engineering. The Department is also offering Consultancy & Testing Services to various government departments and contractors. With the existing facilities, the Department intends to develop itself as a promising consultancy & testing centre in the region and cater to the demands of society.

## DEPARTMENT VISION

“To establish a renowned centre to impart quality technical education, leadership qualities, professional ethics so as to contribute civil engineers to the society, capable of meeting global challenges”.

## DEPARTMENT MISSION

- ▶ To provide unparalleled infrastructural facilities for imparting quality education at affordable cost.
- ▶ To provide an academic environment conducive for quality education and research, focusing on transfer of knowledge for the benefit of the profession and society.
- ▶ To nurture talent in students and staff to enable them to be leaders in their chosen professions while maintaining the highest levels of ethics.
- ▶ To create awareness about innovation and ideation amongst students to promote entrepreneurship.
- ▶ To provide a platform for effective interactions and networking amongst all stake-holders so as to achieve excellence in education, research and outreach activities.

## ABOUT THE FACULTY DEVELOPMENT PROGRAM

The study on water resource and Geo-environmental challenges are of major concern in present decade. The lack of adequate clean water to meet human drinking and sanitation is indeed a constraint on human health and productivity. Multiple challenges are faced due to increased population, climatic change, improper utilization of resources.

This FDP aims at identifying the issues by providing overview of Indian water resources, strategies to manage, usage of remote sensing and GIS in Geo-environmental studies, Ground water decline, conservation techniques, soil contamination, remedial measures, water crisis and remedial measures

Faculty members, Research scholars and consulting Engineers can participate in FDP.

Registration:

Participants are requested to fill registration form and send it to the college. The fee can be paid through NEFT to the following account:

A/C Number : 0822500100622201

A/C Name : SMVIT-NC

Name of the bank : Karnataka Bank Ltd.

Branch : Bantakal

IFS Code : KARB0000082

Last date for registration: 05-06-2018

Registration fees: Rs. 500/-

## RESOURCE PERSONS

Speakers	Topic
Dr. Lakshman Nandagiri, NITK	An overview of Indian water resources scenario and water management issues
Mr. Shree Padre, Puttur	Water table Decline-Causes and strategies for manage: A case study on Karnataka
Dr. Gangadhara Bhat, Mangalore University	Catchment hydrology management using Remote sensing and GIS
Dr. Udaya Kumar, NMAMIT, Nitte	Methods and approaches to solve contemporary problem in water resource declination in Lateritic soil: Ground water observation in such soil”
Dr. Sandeep Nayak, VCET, Puttur	Ground water for small scale irrigation- Characterization of aquifer parameter
Dr. Ramesh H, NITK	Environmental impact of soil and water contamination: Risk assessment and policy implications
Dr. Dwarakish, NITK	The impact of global change on soil erosion and sediment transport by rivers
Dr. Ganesha A, MIT, Manipal	Impending water crisis in India, Water quality variation, its influence on drinking water treatment and remedial measures
Dr. T V Ramachandra, IISc, Bangalore	The Impact of Leachate on the Quality of Surface and Groundwater, Proposal of Measures for Pollution Remediation

