

TWO-DAY NATIONAL WORKSHOP ON

Innovations in Societal Based Water Resources Management

About The Workshop

Two- Day Workshop on “Innovations in Societal Based Water Resources Management” which will be hosted by the Department of Civil Engineering, Faculty of Engineering and Technology, Annamalai University, targets the Faculties, Research Scholars and PG Students with the passion to develop awareness on water resources management. This workshop will explicate on technological intervention and solution for reservoir sedimentation, management of recharge structures, sustainable watershed management and groundwater modelling & management.

Significance

Over the past few decades, innovation has become one of the main objects of societal change as a broad range of non-expert citizens have adopted new technologies and integrated them into their daily lives. Innovation and technological change suggest opportunities for improving the planning and design of sustainable and effective water resources management. Adding into that, the community involvement is important from the beginning and to communicate the potential benefits of more precise and timely information about water resources management. Therefore, water resources management requires a clear understanding of the ongoing challenges and innovative approaches for sustainable development.

Key Themes

The workshop is proposed with the following themes.

- Estimation of reservoir sedimentation using soft computing techniques
- Impact assessment of managed aquifer recharges structures.
- Social aspects of integrated water resources management
- Sustainable watershed management
- Developments on awareness of water resources management

Hands-on Training in

QGIS
Visual MODFLOW

Session Highlights: In this workshop the participants will meet and interact with eminent speakers and experts from IIT-Mumbai, Central Ground water Board (Chennai), Centre for Water Resources, Anna University and VIT, Vellore. Every session will explore about the technological innovations and solution for Societal based Water Resources Management

Who can attend? : Academicians, Consultants, Industrialists, Govt. officials, Ph.D Scholars and PG students

For further Enquiry, please contact

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Two-day National Workshop on

Innovations in Societal Based Water Resources Management

REGISTRATION FORM

Name :

Designation :

Address:

Mobile :

E-mail :

Accommodation required: Yes / No

I wish to attend the workshop on
9th & 10th March 2020

Date :

Signature :

Endorsement of the
Head of the Department

Endorsement of the Coordinators

About The University In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi college, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929). One of the most significant developments is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013. Annamalai University is accredited with 'A' Grade by NAAC in 2014. "The NIRF-2019" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 - 150 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 12th in India. In the Medical Category the ranking is 25th. "The Times Higher Education World University Ranking - 2020" has ranked Annamalai University in 1000+ for Overall category. In the Subject category Ranking, 2019, the University is ranked in the band of 501-600 for Life Sciences, 601+ in Pre-clinical, clinical & Health Subjects. 801+ in the Physical Sciences subject and Engineering. "The QS World University Ranking - 2020" has ranked Annamalai University in the band of 291 - 300 in Asia Ranking, and 39 in India Ranking. "The CWTS Leiden Ranking 2019", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked the University at 23rd based on the number of publications and 7th based on the proportion of publications that compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. Among the top 212 ranked institutions for Higher Education in India the "SCImago Institutional Ranking (2019)" has ranked Annamalai University as 9th in Tamil Nadu and 29th in India. Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern Asia comprising of 10 Faculties and 49 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from

economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

Department of Civil Engineering

The Department of Civil Engineering presently offers Undergraduate Programme in B.E. (Civil), Postgraduate Programmes in Environmental Engineering, Water Resources Engineering & Management and Ph.D. in Civil Engineering. Under UGC, UGC-SAP, AICTE and other funding agencies, the department has received grants from major and minor projects worth about Rs. 2.25 Crores. The Centre for Environment, Health and Safety, an integral part of the Department with functional area expert consisting of the faculty members of the department is accredited under NABET and is pioneering in consultancy projects in Environmental Engineering. The department has been accredited by NBA.

Chief Patron

Prof. Murugesan Velayutham, Ph.D.,
Vice-Chancellor, Annamalai University

Patron

Prof. N. Krishna Mohan
Registrar i/c, Annamalai University

Co-Patron

Prof. K. Raghukandan
Dean, FEAT

Organizer

Prof. V. Nehrukumar
Professor & Head

Advisor

Prof. V. Arutchelvan
Professor

Convener

Prof. S. Poongothai
Professor



ANNAMALAI UNIVERSITY

(Accredited with 'A' Grade by NAAC)

DEPARTMENT OF CIVIL ENGINEERING

(B.E Programme - NBA Accredited)

**TWO- DAY NATIONAL WORKSHOP
ON**

**Innovations in Societal Based
Water Resources Management**

Sponsored By

UGC-SAP-DRS II



Organized by

Department of Civil Engineering
Faculty of Engineering and Technology,
Annamalai University
Annamalainagar

Date: 9th - 10th, March 2020

Time: 10a.m.

Venue: GJR Hall, FEAT

Coordinators

Dr. K. Ezhisaivallabi

Dr. M. Latha

Dr. N. Ravisankar