Resource Persons

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7. G. Ravi Kumar
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   Department of Engineering Chemistry,
   Andhra University, Visakhapatnam.
9. B. Durga Prasad
   Hydrogeologist, A.P. Ground Water & Audit Department, Vijayawada.

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Mr. M. Siva Teja
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Research Scholars & Students Department of Geology

Registration Form

National Workshop on
Ground Water Resources in Different Terrains - Conservation and Management
(GWRTD CM - 2020)

20th February, 2020

Name & Address: ...........................................

Designation: ...........................................

Institution: ...........................................

Mobile No: ...........................................

E-Mail: ...........................................

REGISTRATION FEE

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Organized by
DEPARTMENT OF GEOLOGY
ACHARYA NAGARJUNA UNIVERSITY
Nagarjuna Nagar, GUNTUR, A.P, INDIA - 522510
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Venue
Prof. L. Venugopal Reddy Seminar Hall
Dr. H.H. Deichmann & Dr. S. John David Auditorium
Acharya Nagarjuna University Campus
BACKGROUND THEME
Water plays a crucial role in human life. Although three quarters of the Earth is surrounded by water, only a little portion of it can be used for drinking and other uses. The much demand for water increases everyday because of the expansion of residential and industrial areas of the country. Due to unscientific use of water, nature has been issuing warning signals like steep decline in water table, stoppage of base flow in streams and drying up of large number of open wells and drilled bore wells. Keeping in this view, the Department of Geology, Acharya Nagarjuna University come forward to organize one workshop to address these problems.

ABOUT THE WORKSHOP
Ongoing population and economic growth plays an increasing demand on Ground Water Resources. The available amounts and renewal rates vary from one region to the other. Thus, sustainable water resource management is only possible when the groundwater system is fully understood, which requires a well-designed monitoring network. While data is the first prerequisite for management, good governance is another equally important condition. Without a clear understanding of the role of groundwater no legislative enforcement, no management policy can be effective.

This Workshop will discuss about the risks and hazards to groundwater system due to Over exploitation and various climate change scenarios as well as the principles of good groundwater management and administration. It will also provide a selection of examples of proven strategies to safeguard fresh groundwater resources through abstraction management, demand-reduction, and enhanced freshwater recharge. As each zone is unique in its combination of hydro geological and socio-economic conditions, a dissimilar set of steps are needed for different regions.

Monitoring water level over the last five decades in many parts of India has provided a clear evidence of a long-term water-level decline, as a consequence of increased groundwater abstraction. This has resulted in the deterioration of water quality and the widespread drying-up of wells.

This workshop aims to bring Scientists, Researchers, Students, Engineers, Water Resources Specialists, Government Administrators, NGO’s and all those interested in groundwater and related environmental problems to a common platform and offer the opportunity to exchange ideas, knowledge, experience, techniques and know how in various aspects of groundwater research carried out in the last few decades in India and elsewhere.

ABOUT ACHARYA NAGARJUNA UNIVERSITY
Acharya Nagarjuna University, a state university, established in 1976 has been constantly striving towards achieving progress and expansion during its existence for over three decades, in terms of introducing new courses in constituent University Colleges, affiliated UG and PG colleges and Professional colleges. Spread over about 300 acres of land on the National High Way (NH-5) between Vijayawada and Guntur of Andhra Pradesh, the University is one of the fastest expanding Universities in the state of Andhra Pradesh.

With a campus student strength of over 5000, the University offers instruction for higher learning in 50 PG programs and guidance for the award of M.Phil and Ph.D in 48 disciplines spread over six campus colleges. It also offers 153 UG programs in 412 affiliated colleges in the regions of Guntur and Prakasam Districts.

ABOUT GEOLOGY DEPARTMENT
The department Geology established for academic programs in Acharya Nagarjuna University in 1985 has taken up a post graduation programme, Ph.D and M.Phil research programs. A student friendly, the two M.Sc., Geology course, being a professionally skilled training. The specific significance and uniqueness of this course designed here is that the highest emphasis is given to the important thrust areas of subject, namely – Remote sensing, GIS and GPS, Gemmology, Petroleum exploration, Hydrogeological and environmental aspects, apart from covering the basic traditional subjects. The existing faculty appointed has specializations in these areas and having above three decades research experience and teaching as well working in those directions. A dedicated and sound knowledge with skills, the faculty is meant for that striving in fulfilling the goals of the programs. The course curriculum is constantly reviewed and updated recognizing the dynamic trends. As a result, the outgoing student is able directly either to establish a firm/institution on his own independently, and/or being get appointed by number of organizations instantaneously without need of passing through centers like incubators.

THEMES FOR GWRDT CM-2020
Water Conservation, Water Quality Issues, Rain water harvesting techniques, Ground water resource assessment, development and management, Advanced techniques in water resources management (Geophysics, RS & GIS and Isotope hydrology) Institutional mechanisms/policy framework / governance in water Resources management.