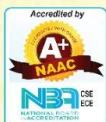


## Industry Institute Interaction (IIIC) and Institution's Innovation Council (IIC)

13-08-2025

### Expert talk on “Issues, Problems and Solutions of Ground Water Management”

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                  |                                            |                                                                |                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------|
|  <p><b>NALLA NARASIMHA REDDY EDUCATION SOCIETY'S<br/>GROUP OF INSTITUTIONS-INTEGRATED CAMPUS</b><br/>(UGC AUTONOMOUS INSTITUTION)</p>                           |  <p>Accredited by<br/><b>A+ NAAC</b><br/><b>NBA ECE</b></p>                                                   |                                            |                                                                |                                         |
| <p><b>Industry Institute Interaction Cell (IIIC) &amp; Institution's Innovation Council (IIC)</b></p>                                                                                                                                            |                                                                                                                                                                                                  |                                            |                                                                |                                         |
| <p><b>Resource Person</b></p>  <p><b>Dr. UMAMAHESWARA RAO B</b><br/>Scientist D (Rtd.)<br/>Central Ground Water Board (CGWB),<br/>Govt of India, Faridabad</p> | <p><i>in association with</i><br/><b>DEPARTMENT OF CIVIL ENGINEERING</b><br/>Organize a Guest Lecture<br/><i>on</i><br/><b>Issues, Problems and Solutions of<br/>Ground Water Management</b></p> |                                            |                                                                |                                         |
| <p><b>Date:</b> 13<sup>th</sup> August 2025      <b>Time:</b> 11:00 AM      <b>Venue:</b> III Floor Auditorium</p>                                                                                                                               |                                                                                                                                                                                                  |                                            |                                                                |                                         |
| <p>Shri Nalla Narasimha Reddy<br/>Chairman</p>                                                                                                                                                                                                   | <p>Shri Nalla Prashanth Reddy<br/>Vice-Chairman</p>                                                                                                                                              | <p>Dr. C.V. Krishna Reddy<br/>Director</p> | <p>Dr. G. Janardhana Raju<br/>Dean - School of Engineering</p> | <p>Dr. G. Subba Rao<br/>HoD - Civil</p> |

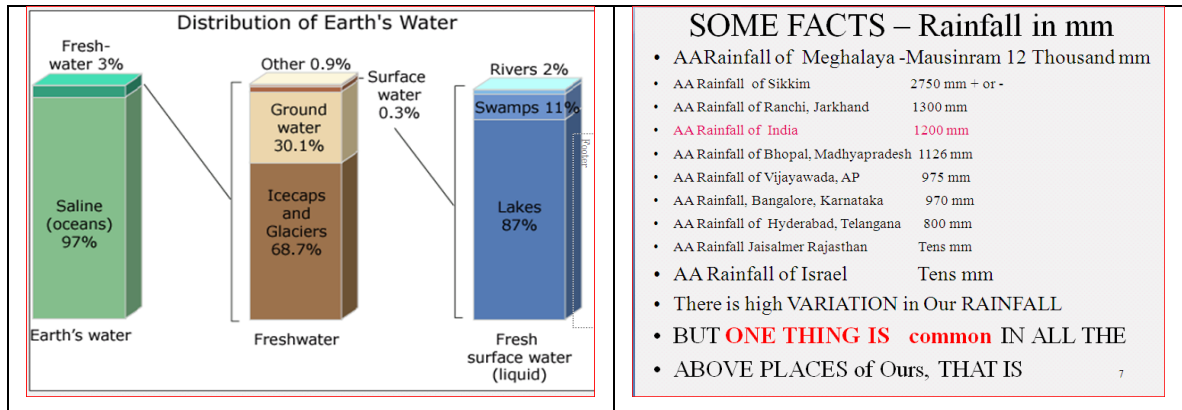
The Department of Civil Engineering organized an expert talk on Ground Water Management, a crucial topic in today's world. The Resource Person Dr. Uma Maheswara Rao B shared his expertise, providing students with valuable insights and real-world examples. The event was open to students from Civil, ECE, and Pharmacy, highlighting the importance of groundwater management across disciplines. A total of 147 engg and pharmacy students (Civil 68, ECE 45 and Pharmacy 34 ) as well as 12 Faculty members joined the expert talk.

- Learning Outcomes: The session likely helped students to understand:

- Issues and problems related to groundwater management
- Potential solutions and strategies for sustainable groundwater management
- Practical applications and case studies

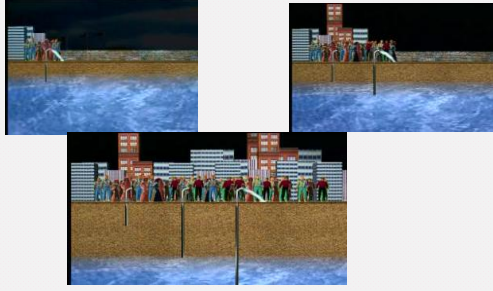
Such events can spark interest, foster knowledge sharing, and inspire students to explore careers in water management and sustainability.

The session began at 11AM with an introduction of the Resource Person Dr Uma Maheswara Rao and his experiences in various fields. Dr Uma Maheswara Rao addressed about the distribution of Earth's water, rainfall information of certain selected states,



He also, enlightened on over exploitation of Ground water, water scarcity of Fatehpur Sikri, Agra areas, and requirement of virtual water for some important crops, and the water crisis today. He also pointed out that the crisis is not about having too little water to satisfy our needs. In his opinion, water crisis of managing water so badly that billions of people - and the environment - suffer badly.

## Over-Exploitation of Ground Water





Civil students with the Resource person Dr Uma Maheswara Rao



ECE students with the Resource person Dr Uma Maheswara Rao



B Pharmacy students with the Resource person Dr Uma Maheswara Rao



Memento presentation to the Resource person by Pharmacy and ECE faculty members

The session concluded with a recap of the key concepts like Aquifers role in |Ground Water Management, solutions for water problems etc. The session provided a comprehensive understanding of Ground Water Management to foster the solutions. The session ended by vote of thanks by civil engineering student.

Dr G SUBBA RAO  
HOD-CE

Dr G JANARDHANA RAJU  
Dean-SoE & Convener-IIC