

REPORT ON UNITED NATIONS WORLD WATER DAY 2016 CELEBRATIONS AT GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY, HYDERABAD

□ Competitions of Audio comprehension, Group Discussions, Essay writing, Elocution, Power Point Presentation and Technical Quiz among students of B.Tech of all branches and years were held on the topic “Water and Jobs” given by United Nations on the occasion of UN World Water Day on 22nd March 2016.

Winners from each year of B. Tech are given first and second prizes with certificates and a book on “MAXIMIZE YOUR POTENTIAL THROUGH THE POWER OF YOUR SUBCONCIOUS MIND TO OVERCOME FEAR AND WORRY” by Dr. JOSEPH MURPHY.

Er.T. Hunumantha Rao, former Engineer- in- Chief (Irrigation and Command Area Development Dept.),former Director General, Water and Land Management Training and Research Institute and former United Nations Consultant was the chief guest.

In his welcome address, Dr.Mohd. Hussain Professor, HOD &Convener has explained some of Statistics of UN Water from the website www.unwater.org. Irrigation accounts for 70% of global water withdrawal. More than half of humanity currently lives in cities. 1.8 billion people are estimated to drink water that is faecally contaminated. By 2050, number of people vulnerable to flood disasters is expected to increase to 2 billion. Since 1900, 11 Million people died as consequence of droughts. Two billion people are effected by droughts. He has explained the action plan being adopted in GRIET to manage both quality and quantity of water resources. Water Resources Field Lab and Water Resources Computer Simulation Lab are to be developed. A student project work on Watershed Management using SWAT (Soil and Water Assessment Tool) modeling is being done by final year B.Tech students in collaboration with ICRISAT,Hyderabad. A Reservoir Operation Plan using the software developed by National Institute of Hydrology, Rourke is being used as Mini Project. Flood frequency studies using Gumbel’s distribution are taken up using the real time flood peak values on Krishna river at Mantralayam. In future, M.Tech programme in Environment and Water Resources Engineering is planned to be started. The Centre for Water Resources Engineering and Management (CREAM) will be developed as a pioneering research center in Water Resources Engineering under JNTUH.

In his address, Dr.J.NMurty, Principal stressed the need to conserve water in daily life. In his address, Er. T. Hunumantha Rao has stressed the “Four waters” concept to conserve water in Watersheds. He has given examples from all over the world to prove the point that drainage costs have reduced because of implementation of four water concepts. He emphasized the need to be a lifelong learner. He released the annual WORLD WATER DAY message for Water Management to prevent water borne diseases and water conflicts by developing “ L.O.V.E.S. Mutual Cooperation quotient” among Nations, States, Countries and Individuals.

Er. T.Hanumantha Rao has given Prizes and Certificates to winners. There was group song by students “Hum Honge Kaam Yab” .

Vote of thanks was proposed by Dr. G.V.K.S.V. Prasad, Professor.