



J.N.T.U.A. College of Engineering :: KALIKIRI - 517234

Report on Webinar on the occasion of

WORLD ENVIRONMENT DAY

5th June, 2021

THINK GLOBAL –SEARCH LOCAL

REIMAGINE – RECREATE - RESTORE

“Think Global and Search Local” the strategy to be ‘tag along’ by all the Engineers and even common citizen to protect ‘Mother Earth’, a call given by JNTU Anantapur Vice Chancellor **Prof. G. Ranga Janadhana**.

While delivering his inaugural address of an Online Webinar on the occasion of ‘**World Environment Day**’ organized by Dept. of Civil Engineering, JNTUA College of Engineering Kalikiri in association with Institution of Engineers (India) Anantapur Local Centre JNTUA VC given a call to all the participated students and faculty members spring in all over the country in the programme, to understand the environmental challenges in the vicinity of the institutions should be analyzed in the perspective of global concepts, with apposite perceptive of local constraints and to endeavor to develop feasible solutions and ultimately tapering to the optimum solution, which suits the local state of affairs. He stressed the role of Practicing Engineers and Scientists to groom the current students, in such a way that they espouse technology and concepts proved as best in the world and to culminate the challenges of climate change, global warming and enormous increase in carbon deposits, with preeminent local solutions. This strategy applies able-bodied for not only academic fraternity but for industrial leaders, he professed. He also given a call the all the participants to conserve energy, water by following 4 R’s **Reduce, Reuse, Recycle and Recover** concept for preserving natural resources.

The webinar president, **Prof. M.L.S.Deva Kumar Principal** of the JNTUACE Kalikiri in his opening remarks, stressed need of the ecological balance and reducing the global warming potential activities. He reminded the audience that, **Average Global Temperature almost reached to 2°C may reach 2.4°C by 2035** as per the estimation by Climate Action Tracking. He advised all the policy makers and especially technical personnel developing various systems to **comply with United Nations Strategic Development Goals (SDGs)** while making any policy or designing an equipment or system. He praised our country’s contribution in reducing carbon footprints by fixing overall target of **achieving 450GW of energy production through Renewable Sources** by next decade.

In this webinar prominent speakers delivered sessions viz., **Mr.B.Lakshmikantham Dy.Conservator of Forest(Rtd) and Forestry Consultant** and **Dr.P.Sri Chandana Professor in Environmental Engineering**. In his presentation, Mr. B.Lakshmikantham created awareness on Role of Green House Gasses in protecting the earth and also how they have become threat to the mankind.

Increased emissions like Carbon dioxide, Methane, Halo Carbons and Nitrous Oxides **constituting GHGs is the primary cause for global warming** which is alarming. To quote, the CO₂ emissions in India is 280 ppm in 1750 and 384 ppm in 2008 is estimated to be around 600 to 700 ppm in 2100, reflects the future crisis of extreme global warming. **Loss of Bio Diversity is one of the major reason** for all sorts of natural calamities and devastating effects of nature. It is not only **leading for extinction of vulnerable and rare species but also turning as threat for all flora and fauna.**

Dr.P.Sri Chandana a Professor of Environmental Engineering at AITS Rajampet reiterated the Global Strategy for environmental protection **“Reimagine-Recreate-Restore” to be adopted** by every industry, organization and even every citizen. She elaborated during her presentation on several **global environmental issues like, Air pollution, Global Warming, Waste Disposal, Deforestation, Ocean Acidification, Ozone layer depletion, Acid Rains, Water pollution, Public Health Issues.** Her insights on electronic wastage in land and in the space in the form of debris of satellites and spaceships raised eyebrows. The anthropogenic activities are the reason for the environmental hazards, she reiterated. She has given a caution that, **emerging contaminants** from Pharmaceutical and Personal Care Products (PPCPs), Industrial Chemicals like Per Fluorinated Compounds (PFCs), Endocrine Disrupting Compounds (EDCs), Nano-material and Microorganisms **drastically degrading the environment**, where there is an urgent need of bringing them under environmental control norms.

Prof.D.Neeraja Head of Civil Engineering and **Prof.C.Shoba Bindu Honorary Secretary of IE(I)** ALC Coordinated the webinar, **Dr.C.Subhash Vice Principal**, Other Professors Dr. V.Naga Prasad Naidu, Dr.M.Venkateswara Rao, Dr.S.Naseera, Dr.K.Aparna, Dr.N.Zafrunisha along with staff & student participants from Civil Engineering are participated.

Mrs. Kavya Teja Staff Member and students, **Mr.Surya, Ms.Bhavana, Mr.P.Vinay Teja, Mr.Sudheer, Mr. Sadham of III B.Tech Civil** and **Ms.K.Jyotsna of II B.Tech Civil** are involved in organizing the programme.

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