

## VIGNAN UNIVERSITY, VADLAMUDI

### National Conference on Chemical Process Plants-Impact on Environment School of Chemical Engineering



A two day National Conference on “Chemical process plants – Impact on Environment” is held on the 22<sup>nd</sup> and 23<sup>rd</sup> of this month. The conference is sponsored by the A.P Pollution Control Board. The Conference co-ordinator Dr. Y Prasanna Kumar told that the conference aims to address the most serious problem the society faces today, namely environmental degradation due to airborne and waterborne effluents released from Chemical processes. Oxides of carbon and other pollutant gases cause increase in green house gases ultimately leading to Global Warming in our atmosphere while heavy toxic metals in the water cause damage to aquatic life. These pollutants from chemical process plants have a disastrous impact on mankind. The environment is a national asset that represents the capital with which we must build a life for ourselves as well as a sustainable future for our posterity. The Conference hopes to envisage this vision by providing a platform for a detailed discussion on the impact on environment by chemical process plants releasing hazardous substances and to review and recommend better technologies for minimizing the adverse impacts by the same. The inauguration function will be held on the first day of the conference and the chief guest will be Dr. V.S.R.K Prasad, Principal ANITS Visakhapatnam while the guest of honour will be Dr. M.N Rao, Emeritus Professor JNTU Hyderabad. The Valedictory function on the second day will

be graced by Dr. Subasri, Scientist 'D', ARCI Hyderabad and Sri M Pramod Kumar Reddy, Environmental Engineer, APPCB Guntur.

On the first day of National Conference on "Chemical Process Plants-Impact on Environment" kicked off here. The objective of the conference is to highlight the drastic effect of chemical pollutants on our environment and to explore various avenues to curb the same. The Chief guest for the conference was Prof. VSRK Prasad, Principal ANITS, Visakhapatnam. He was joined by guest of honour Prof. MN Rao, Emeritus Professor, JNTU, Hyderabad, Mrs. Sk. Nazena Begum, Asst. Environmental Engineer, APPCB, Guntur Regional Office, Vice Chancellor Dr. K. Vizaya Kumar, Director Dr. K.V.N. Srinivasa Rao, Conference Coordinator Dr. Y. Prasanna Kumar, Dean, Chemical Engineering Dr. C. Ranga Rao and HOD, Mr. P. Ashok Kumar.

The dignitaries graciously obliged by importing some works of encouragement and inspiration to the audience. They stressed upon the development of attitude towards environment, consciousness and also development of technology to give impetus eco friendly products. One of the dignitaries adroitly pointed out that chemical process always involve harmful byproducts which we must prevent vis a vis to the once popular belief that a chemical process is input equals to output.

The chief guest, Dr. VSRK Prasad on the other hand stressed the need for renewable sources of energy. He felt that the industries must keep of goal of zero waste in their objectives. He suggested the APPCB to ask steps to create awareness in educational institutions and industries to facilitate complete reuse of water. He gave his own example wherein he recently developed a water recycling process for Vijaya Dairy, Visakhapatnam. He further added that the recycle, recovery, reuse, cycle should be at the bottom of every engineers mind. He also said that environment being an interdisciplinary activity, it requires the contribution every branch of engineering to sustain it for our posterity. He finally added that we desist and over come the socioeconomic political pollution.