



CHEMICAL ENGINEERING



NEWS LETTER (Vol-2) *May-2k16*

GUEST LECTURES

1. The Department of Chemical Engineering, ANITS arranged an expert lecture on “**Carrier Opportunities in Chemical Engineering**” delivered by **Dr. K. R. Chandrasekhar**, Asst. Prof., Department of Chemical and Biomedical Engineering, Cleveland State University, U.S.A on 22nd June 2015.



2. Guest lecture on “**Issues Related to Reactor Design**” delivered by **Dr. D.V.R. Murthy**, Professor, Department of Chemical Engineering, NIT Surathkal, Karnataka on 25th July, 2015 was organized by Department of Chemical Engineering and Biotechnology, ANITS.



3. Guest lecture cum Interactive session was organized by the Department of Chemical Engineering, ANITS on 21st Sept. 2015. The session was initiated by **Dr. ParuchuriGangadhar Rao, Vice chancellor, University of Science and Technology, Meghalaya** and was taken upon by **Dr. Rama Brahmam, Senior Principal Scientist, Central Leather Research Institute, Chennai.**



Topics like current job scenario in Chemical Engineering, pursuing higher studies in India and abroad, role of Chemical Engineer in the society in solving problems like solid waste management, pollution control, alternative energy sources and conservation of energy were discussed. Industrial safety and trouble- shooting problems in industries were also discussed along with specific examples.

CHEMFLARE-2k15- National Student Conference

National Student Conference CHEMFLARE-2k15 the first tech fest of Department of Chemical Engineering was organized by RACE (Rays of ANITS Chemical Engineering) during December 18th-19th 2015. Dr. S. V. Praveen, Director (operations), L.G. Polymers (P) Limited graced the occasion as the Chief Guest during the inaugural function on 18th December 2015. The keynote address was delivered by Dr. Sheshamma, AGM, Quality Assessment and Technology Department, Visakhapatnam Steel Plant on "Environmental aspects in general and at steel plant and in particular". Mr. G. Vijay Kumar, Consultant, Process Engineers Group gave a talk on Process Simulation: various types of simulation packages, challenges in industries, opportunities in industries by learning process simulation packages. A total number of 57 papers were presented by the students from various universities and institutions Spot events like Technical Quiz, Elocution and other fun events

were also conducted. The valedictory function was graced by Sri V. Appala Raju, IRS, Additional Commissioner of Income Tax. Dr. Neerukonda Prasad, Chairmen ANES, Prof. V.S.R.K. Prasad, Principal, ANITS, Dr. R. Govardhana Rao, Director, (admin.), Prof. S. Subba Rao, HOD, faculty, supporting staff and students of Department of Chemical Engineering took part in the CHEMFLARE-2k15 and it was a grand success.



FACULTY PUBLICATIONS:

1. **Ch. Anil** and R. Padmasree, “Tuning of PID Controllers for integrating systems using direct synthesis method”, *ISA Trans*, 57, 211-219, June 2015
2. Subash Bojja, Mantraih Tota and **Mary Anupama Palukurty**, “ Screening of Parameters and production of Amylases using *Aspergillus Oryzae* by submerged fermentation process”, *Inter National Journal of Basic and Applied Sciences*, Vol. 4(3), 151-156, August 2015.
3. **V. Sridevi**, R. Sirisha and S. N. Swapna, “Screening of Probiotic Goat Milk and Cow Milk Isolates for Acid Resistance, Antagonistic Activity and Tolerance to Antimicrobial Activity of Spices: Molecular Identification of Potential Probiotic Goat Milk Isolate, G8”. *International Journal of Current Microbiology and Applied Sciences*, 4(8), 406-421, August 2015.
4. **V.Sridevi**, P.Swetha Priyadarshini and Y. Ashish Gautam, “Selection of Marine Actinomycetes with Bioactive Potential Isolated from Sediments of Bay of Bengal and Characterization of Promising Isolate, ABT-103”. *British Microbiology Research Journal*, 10(2), 1-9, August 2015.

5. **V. Sridevi**, M. Padmaja, A. Sahitya, N. HarshaVardhan, and **G. H. Rao** “Application of Box-Behnken Design for the Optimized Production of Lactic Acid by Newly Isolated *Lactobacillus plantarum* JX183220 Using Cassava (*Manihotesculenta*Crantz) Flour”. *British Biotechnology Journal*, 9(2), 1-9, September 2015.

Seminars/Workshops/ FDP/ Conferences attended by Faculty.

Ms. Sailaja, Dr. K. China Mala Kondaiah, Mr. Koteswara Rao M., Ms. S. Harika, Ms. P. Mallika Rani, Ms. Lalita Asst. Professors, Department of Chemical Engineering have participated in the training programme (FDP) on “ **INSTRUCTIONAL DESIGN AND DELIVERY SYSTEMS**” conducted by ANITS from 16th to 21st June 2015.

Editor

Mr. M.Koteswarara Rao

(Faculty Advisor)