



CHEMICAL ENGINEERING



NEWS LETTER (Vol-8)

May-2k19

CHEMFLARE 2k19

The Department of Chemical Engineering, ANITS has organized a two day National Level Student Conference **Chemflare 2k19** during 28th February – 1st March, 2019. Chief Guest of the event Dr. Srinubabu Gedala, CEO and Managing Director, PULSUS group addressed the gathering and highlighted the importance of chemical engineering. He advised the students to become “Job Providers rather Job Seekers”. Prof. T. V. Hanumantha Rao, Dean, Academics, ANITS informed that the world is moving faster in technology and science. Prof. S. Subba Rao, HoD, Chemical Engineering informed the gathering about the responsibility of chemical engineers in solving the problems arise out of the chemical industry.



Mr. V.V.S. Karthik, president RACE, introduced the student forum RACE and enlightened on the events of Chemflare 2k19. He mentioned the various events in Chemflare –

2k19 like technical paper presentations, poster presentations, technical treasure hunt, ‘how do you react’ and also spot events. “Rasagyan”, the departmental magazine is released by Dr. Srinubabu Gedala. A formal vote of thanks was proposed by Ms. K.S.S.N.V. Vara Lakshmi.



With a total participation of 29 students, of which students are from GPCE, RVR & JC, GVP and GMRIT. We saw more enthusiasm and an increase in the number of participants than last year. With a total of two technical paper presentation sessions, a poster session, how do you react, technical treasure hunt and various spot events, the participants were given various exciting and demanding platforms, by which they were able to improve their skills and knowledge. With a total of 18 papers and 3 posters are presented, the competition was indeed tough.



INDUSTRIAL VISIT

- **M/S COROMONDEL INTERNATIONAL LIMITED, VISAKHAPATNAM**

The Department Of Chemical Engineering, ANITS conducted an Industrial visit for 51 III/IV B.Tech students to M/s Coromandel International Limited on 9th March, 2019 from 9 AM to 05.00 PM along with 2 teaching (Dr. M. Shiva Naresh, Assoc. Prof. and Dr. D. Anjali, Asst. Prof.) and 1 non-teaching (Mr. V. Pavan Kumar, Lab Technician) faculty members. Faculty coordinators and students reached the location by 9:00 a.m. Dr. C.Nageswarao Rao, Head Production department, Coromandel International limited, Vizag, has briefed an introduction to Coromandel International Limited and Murugappa group. He has detailed about the entire process of manufacture of fertilizers. He detailed about the various grades of fertilizer produced and different ways of handling the chemicals. He also enlightened students on safety measures that should to be followed in the fertilizer industry. After the session he showed all the mechanical unit operations of the industry. The students had a glimpse of the major processing equipment and enjoyed the making it a success.



Guest Lecture on “Career opportunities in Animation”

The Department of Chemical Engineering, ANITS arranged an expert lecture on “Career Opportunities in Animation” by Ms. Santhoshi, Center Head, ARENA ANIMATION, Visakhapatnam, on 7th March, 2019. The speaker shared information on promising trends in the field of animation. Topics like Career opportunities, 2D and 3D graphics, VFX usage in movie making and 2D and 3D animations. Students were motivated by the session and thus a student interactive session was also arranged. Faculty, IV/IV and III/IV students of chemical engineering department participated in the program.

National Workshop on Process flow and Instrumentation diagrams

-An industrial Perspective

The Department of Chemical Engineering, ANITS, Visakhapatnam, in association with Process Engineers Group, Hyderabad has organized a two day National Workshop on, “Process Flow and Instrumentation Diagrams – An Industrial Perspective”, during 21st and 22nd, Dec., 2018. The inaugural program was graced by Prof. T.V. Hanumantha Rao, Dean, Academics, ANITS. The other dignitaries who graced the occasion include, Mr G.Vijay Kumar, Head, Process Engineers Group, Hyderabad, Head of the Department of Chemical engineering, Prof. S.Subba Rao and the Convener of the workshop, Ms.Suchitra Bandi.



Prof. T.V. Hanumantha Rao, Dean, Academics, ANITS insisted upon flexibility to meet the diversified needs of both industry and community for which chemical engineers need to be flexible for horizontal diversification and vertical expansion. He appreciated the organizers for incorporating Hazard Analysis and Management which is the need of day.

Mr G.Vijay Kumar, Guest of Honor narrated his experiences during the initial stages of his job. A firm grip on ten equipment of chemical engineering is sufficient to understand and also develop flow sheets that can meet industry needs.



Prof. T.V. Hanumantha Rao, Dean, Academics, Prof .D.Prasada Rao Dean Examinations, ANITS, Head of the Department of Chemical Engineering, Prof. S.Subba Rao, faculty and students of chemical engineering attended the same.

Women's Day:

On March 8th the RACE committee organized some special events on the occasion of Women's day for all the women and girls in the chemical department. Games like chess, badminton, and events like "mock parliament", were conducted for all the girls. All girls took part in the events and prizes were given to the winners.



Guest Lecture cum Interactive Session

A guest lecture cum interactive session was organized by Department of Chemical Engineering, ANITS on 14th February 2019 by Mr. S. V. Ramana Rao, who had 30 years of industrial expertise in Oil & Gas arena (HPCL, Caltex, etc.,). The speaker shared information on Fire, Safety and Hazard Management. He gave a brief outlook on fire fighting equipments, environmental, health and safety precautions to be considered during hazards. He also explained the concepts of oil spillage which was a threat to marine life. Students had a lively participation in getting clear ideas and making the session useful and successful. Prof. S. Subba Rao, Head, Department of Chemical Engineering, faculty and students participated in the programme.



Editor

Mr.B.Pradeep Santosh Kumar

(Faculty Advisor)