

NATIONAL SEMINAR ON “CHEMICAL INDUSTRY-GROWTH AND SUSTAINABILITY”

Indian Institute of Chemical Engineers - Guntur Regional Centre (IChE GRC) in association with all the student chapters under GRC organized a one-day National Seminar on “**Chemical Industry-Growth and Sustainability**” on 23.01.2018 at RVR & JC College of Engineering (A) Campus, Chowdavaram, Guntur.

Objectives

Chemical Engineering profession, which has multi directional developments, today occupies a much wider canvas addressing problems concerning environment and ecology, biomedicine, energy and high performance materials etc. The objectives are

- To provide a forum for interaction and exchange of views among the faculty/bureaucrats/ students on Chemical Engineering education
- To train the students to cater the needs of the Industry
- To promote Chemical Industry for sustainable development
- To focus on job creation/opportunities and skill enhancement in different sectors of Chemical/Allied Industry
- To enlighten the opportunities for Chemical Engineers

To meet these objectives, IChE- Guntur regional centre has been active in organizing Chemical Engineering activities in association with student chapters periodically. In this context the above mentioned seminar was organized by inviting experts from various sectors of Chemical Engineering Institutions/Industry to share their views on the growth prospects and career opportunities in the Chemical Industry sector of their expertise. The audience was a heterogeneous mixture of Chemical Engineering students & teachers from Engineering Colleges, Professionals from Chemical Industry and IChE members..

On behalf of IChE Guntur Regional Center, I am very happy to inform you that the Seminar “**Chemical Industry-Growth and Sustainability**” was successfully organized by IChE Guntur Regional Center on 23.01.18. **Dr. V.Govardhana Rao**, Professor (Retd.), IIT Bombay, Mumbai and Chairman, IChE Guntur regional Center presided over the inaugural session. **Dr Ch.Satyanarayana**, Consultant, Chief Scientist (Retired), National Chemical Laboratory, Pune was the Chief Guest, **Dr Chandra Shekhar Sharma**, Department of Chemical Engineering, IIT Hyderabad blessed the inaugural function as Distinguished Guest and **Sri Dhawal Saxena**, Honorary Registrar, IChE & Executive Asst. Managing Director, Blast Carboblocks Pvt. Ltd., Mumbai was the Guest of Honour for the inaugural session. **Dr Ch.Satyanarayana** formally inaugurated the Seminar by lighting the lamp. **Dr. V.Govardhana Rao**, Chairman, IChE Guntur Regional Center welcomed the guests and participants. **Dr Ch.Satyanarayana**, in his inaugural address, delivered a most appropriate and informative talk on opportunities in Chemical & allied Industries. **Dr Chandra Shekhar Sharma, Sri Dhawal Saxena, Sri Rayapati Gopala Krishna**, Secretary & Correspondent, RVR & JC College of Engineering(A) and **Dr Kota Srinivasu**, Principal, RVR & JC College of Engineering(A) greeted the inaugural function. **Dr.M.Venkateswara Rao**, Honorary Regional Secretary, IChE Guntur Regional Center proposed the vote of thanks.

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After Tea, **Dr V Govardhana Rao** as *Session Chairman/ Moderator* conducted the Proceedings of Technical Session of comprising experts in the areas of Energy & Environment, Translational Research in the area of nanotechnology and Equipment Design & Fabrication. The following professional expert speakers shared their views on the current scenario, future growth & challenges for sustainable development of Chemical Industry.

Name of the speaker	Topic
Dr V Govardhana Rao Professor (Retd.), IIT Bombay, Mumbai & Chairman, IChE GRC	Indian Chemical Industry-Growth Potential for next decade & Career opportunities for Chemical Engineers
Dr Chandra Shekhar Sharma Department of Chemical Engineering IIT Hyderabad	Translational Research: from Laboratory to Commercialization
Dr Ch Satyanarayana Consultant, Chief Scientist (Retired), National Chemical Laboratory, Pune	Energy, Environment and Biomass to Chemicals
Sri Dhawal Saxena Honorary Registrar, IChE & Executive Asst. Managing Director, Blast Carboblacks Pvt. Ltd., Mumbai	Industry-Institute Interaction

An interactive session with the students was also conducted involving all the speakers answering the questions raised by the students. At the end, **Dr. V. Govardhana Rao** summed up the technical session highlighting the relevance of the seminar and the important points made by the speakers.

After the technical session, the following student activities were organized

1. Technical Paper Presentation
2. Technical Quiz.

Winners of student activities

S.No.	Name of the event	Name of the student(s)	Name of the College	Prize
1	Technical Paper Presentation	Mr. D.Siva Krishna Ms. K.Swarnalatha	RVR &JC College of Engineering(A), Guntur	I
		Ms. T.Devika	National Institute of Technology Andhra Pradesh, Tadepalligudem	II
		Ms. V. Chandana Rekha Ms. A.Militha	RVR &JC College of Engineering(A), Guntur	III
2	Technical Quiz	Mr.U.Hari Krishna Mr.P.Saikiran	Bapatla Engineering College(A), Bapatla	I
		Mr.D.Nagaphani Saikumar Ms. G.Sandhya	National Institute of Technology Andhra Pradesh, Tadepalligudem	II
		Mr. E.Charan Reddy Mr. Jakir Hussain	RVR &JC College of Engineering(A), Guntur	III

Judges for Technical paper presentations

1. Sri R.Banerjee Babu
2. Sri Mohammad Ismail

Event Managers for Technical Quiz

1. Sri K. Siva Prasada Rao
2. Smt. M.Sudheera

Distribution of Certificates

At 6.00 p.m. the certificates were distributed to the participants and winners of above student activities. Closing the proceedings **Dr M.Venkateswara Rao**, Honorary Regional Secretary, IChE Guntur Regional Center thanked the Guests and participants for making the seminar a successful one. He also conveyed his thanks to all the donors, press and media for their support. He expressed his sincere thanks to the Management & Principal of RVR & JC College of Engineering (A) for providing the venue for the seminar and for sponsoring the faculty & students. He also expressed his sincere thanks to all Managements and Principals of other Colleges for their active support in sponsoring the faculty and students, organizing committee members specially the immediate past Chairman **Sri J Murali Mohan** and the Present Chairman **Dr V Govardhana** Rao of IChE GRC for their invaluable support, student volunteers and all those who supported directly or indirectly for the success of the seminar.

Details of Participant:

Total Participants	380 (registered participants 216)
Students	310
Faculty	35
Plus IChE GRC members	