

## SEMINAR ON “GROWTH AND CAREER OPPORTUNITIES IN CHEMICAL ENGINEERING FOR SUSTAINABLE DEVELOPMENT”

IChE - Guntur Regional Centre organized a one-day Seminar on “**Growth and Career Opportunities in Chemical Engineering for Sustainable Development**” on 19.11.2016 at JKC College Campus, Guntur. The objectives of the seminar were

- a) to enlighten the Chemical Engineering students and professionals on the growth of Chemical Industry in India and its sustainable development,
- b) to highlight the importance and significance of products manufactured by Chemical Industry and to create awareness and motivate the prospective students to choose Chemical Engineering as their career.

To meet these objectives, experts in various sectors of Chemical Industry were invited 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, intermediate, 11th & 12th grade students, teachers in junior colleges and Chemical Engineering professionals.

On behalf of IChE Guntur Regional Center, I am very happy to inform you that the Seminar “**Growth and Career Opportunities in Chemical Engineering for Sustainable Development**” was successfully organized by IChE Guntur Regional Center on 19.11.16. **Dr. Kondabolu Basavapurnaiah**, President, Nagarjuna Education Society presided over the inaugural session. **Shri Shyam Bang**, President IChE was the Chief Guest and **Prof. K. Krishnaiah**, Emeritus Professor, IIT Madras, Chennai was the Guest of Honour for the Inaugural Session. Shri Syam Bang formally inaugurated the Seminar by lighting the lamp. **Sri Jagaralmudi Murali Mohan**, Chairman, IChE Guntur Regional Center welcomed the guests and participants.

**Shri Shyam Bang**, in his inaugural address, delivered a most appropriate and informative lecture entitled “Contribution of Technology in Economic Development” in general and in particular the contribution of Indian Chemical Industry. **Prof. K. Krishnaiah** delivered the most relevant keynote address on “Chemical Engineering in 21st Century”. During his talk, he described the birth of Chemical Engineering as a separate discipline, its history and various changes that occurred till now in the curriculum and career opportunities in chemical engineering, keeping the audience in the seminar very attentive with interest, coining a beautiful word, KYA (Know Your Audience). He also motivated the prospective students to choose chemical engineering as their career. After Lunch, **Dr V Govardhana Rao**, Professor (Retd.), IIT Bombay, Mumbai as *Session Chairman/ Moderator* conducted the Proceedings of Technical Session of comprising experts in the areas of Energy, Environment, Oil & Gas, Biochemical & Bioprocessing, Drugs and Pharmaceuticals. The following professional expert speakers shared their views on the current scenario, future growth & challenges for sustainable development of Chemical Industry and opportunities for Chemical Engineers.

- Dr V V N Kishore** : Energy, Environment and Sustainable  
Visiting Professor, IIT Bombay Development: Opportunities for Chemical  
Consultant (World Bank, GIZ, SOGEN Engineers  
Ltd.), Former Professor and Head, Dept. of  
Energy and Environment, TERI  
University, New Delhi
- Shri A Doraiah** : The Present Scenario of Oil Industry  
General Manager (Retired), ONGC and Career Opportunities of Chemical  
Engineers in Oil Industry
- Prof V Venkata Dasu** : Role of Chemical Engineering in Biosciences  
Director, RGUKT, Nuzvid and Biochemical Engineering
- Sri G Venu Babu** : Significance of Chemical Engineering and  
HOD-Technical Service Department Sustainable growth of Pharmaceutical Industry  
Hetero Group of Industries, Hyderabad

At 6.00 p.m. Questions & Answers session was conducted with the participation of all the above speakers and other professionals. In this session the students actively participated and session extended up to 7.30 p.m. At the end of the session, **Dr. V. Govardhana Rao** summed up the seminar proceedings highlighting the relevance of the seminar and the important points made by the speakers. Then, the participation certificates were distributed to the participants. 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 JKC College 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 Chairman, IChE GRC **Sri J Murali Mohan** for his invaluable support, student volunteers and all those who supported directly or indirectly for the success of the seminar.

#### **Details of Participant:**

Number of Colleges	17
Students	389(193 intermediate plus 196 Engineering)
Faculty	60
Parents	28
Plus IChE GRC members	