

SEMINAR ON “CHEMICAL ENGINEERING - JOURNEY AHEAD”

Indian Institute of Chemical Engineers – Amaravati Regional Centre (IChE ARC) in association with all the student chapters under ARC and RGUKT, Nuzvid organized a one-day National Seminar on “**Chemical Engineering-Journey Ahead**” on 24.02.2019 at Rajiv Gandhi University of Knowledge Technologies, Nuzvid (RGUKT, Nuzvid) Campus, Krishna (Dist.).

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 meet these objectives, IChE- Amaravati 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 Amaravati Regional Center, I am very happy to inform you that the Seminar “**Chemical Engineering-Journey Ahead**” was successfully organized by IChE Amaravati Regional Centre on 24.02.19. **Dr.V.Govardhana Rao**, Professor (Retd.), IIT Bombay, Mumbai and Chairman, IChE Amaravati Regional Centre presided over the inaugural session. **Prof.S.V.Satyanarayana**, Director of Evaluation, JNT University Ananthapuramu and President, IChE was the Chief Guest, **Dr N.V. Choudary**, Emeritus Scientist, Green R & D Center, HPCL, Bengaluru blessed the inaugural function as Guest of Honour and **Sri G. Venu Babu**, Asst. General Manager, Head of the Technical Service Dept., Hetero Lab’s Ltd Hyderabad was the Distinguished Guest for the inaugural session. **Prof.S.V.Satyanarayana** formally inaugurated the Seminar by lighting the lamp. **Dr.V.Govardhana Rao**, Chairman, IChE Amaravati Regional Center welcomed the guests and participants. **Prof.S.V.Satyanarayana**, in his inaugural address, delivered a most appropriate and informative talk on opportunities in Chemical & allied Industries. **Dr N.V. Choudary**, **Sri G.Venu Babu**, **Sri Sunil Bagath**, Administrative Officer, RGUKT, Nuzvid and **Dr. M. Venkateswara Rao**, Honorary Secretary, IChE Amaravati Regional Centre greeted the inaugural function. **Sri M.Rama Krishna**, HOD, Department of Chemical Engineering, RGUKT, Nuzvid proposed the vote of thanks.

Dr Vinoth Kumar Raja, Asst. Professor, National Institute of Technology Andhra Pradesh (NITAP), Tadepalligudem and EC member IChE ARC was felicitated by IChE Amaravati Regional Center on the occasion of bestowed with Prof Shyamal Kanti Sanyal Memorial Award for the “Best Ph.D. Thesis in the area of Membranes Research with Significant Commercial Potential” by Indian Institute of Chemical Engineers (IChE) during CHEMCON 2018 held at Jalandhar, Punjab.

Cont....2

After a brief Tea break, **Dr V Govardhana Rao** as *Session Chairman/ Moderator* conducted the Proceedings of Technical Session of comprising experts in the areas of Petroleum, Green Technologies and Pharmaceuticals. 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, IICHEARC	Indian Chemical Industry-future Growth and Challenges
Prof. S.V.Satyanarayana President, IICHE & Director, Evaluation, JNT University Ananthapuramu	Membrane separations for Green Environment
Dr.N.V.Choudary Emeritus Scientist, Green R & D Center, HPCL, Bengaluru	Petroleum Refining-Challenges and Future Outlook
Sri G.Venu Babu Asst. General Manager Head of the Technical Service Dept. Hetero Lab's Ltd, Hyderabad	Gateway to Chemical Engineers in Pharmaceutical Industry

At the end of the Technical session, **Dr. V. Govardhana Rao** summed up the technical session presentations, highlighting the relevance of the seminar and the important points made by the speakers.

After lunch, the following student activities were organized

1. Technical Paper Presentation
2. Technical Quiz.

Judges for Technical paper presentations (two parallel sessions)

1. Dr.G.S.Venkata Ratnam, Honorary Treasurer, IICHE & Principle Scientist, CLRI, Chennai
2. Dr.Vinoth Kumar Raja, Asst. Professor, NIT Andhra Pradesh, Tadepalligudem
3. Sri N. Jani Bhasha, EC member, IICHE ARC & Asst. General Manager, JocillLtd. Guntur
4. Dr.Shabana Shaik, Adhoc Faculty,, NIT Andhra Pradesh, Tadepalligudem

Event Managers for Technical Quiz

1. Sri K. Siva Prasada Rao, Asst. professor, RVR & JC College of Engineering, Guntur
2. Sri M.Madhusundana Reddy, Faculty, RGUKT, Nuzvid

Winners of student activities

S.No.	Name of the event	Name of the student(s)	Name of the College	Prize
1	Technical Paper Presentation	Ms.B.L.N.Lavanya Mr.T.Ajay	Rajiv Gandhi University of Knowledge Technologies Nuzvid	I
		Mr.G.Vishnu Babu Mr. SD.Subhani	RVR &JC College of Engineering(A), Guntur	II
		Mr.P.Saidavalli Mr.K.Balaram	RVR &JC College of Engineering(A), Guntur	III

2	Technical Quiz	Mr.P.Sainadh Mr.T.N.V.T Manoj	RVR &JC College of Engineering(A), Guntur	I
		Mr.M.Ganesh Mr.C.Ravi Surya	Rajiv Gandhi University of Knowledge Technologies Nuzvid	II
		Ms.M.Uma Mr.P.Ravi Kumar	Vignan's Foundation for Science, Technology & Research University, Vadlamudi	III

After the student activities were completed, an interactive session with the students was also conducted involving all the speakers and Dr G.S.VenkataRatnam, Honorary Treasurer, IChE& Principle Scientist, CLRI, Chennai. In the interactive session the questions raised by the students were answered by the panel members. At the end, **Dr. M. Venkateswara Rao**, Honorary Secretary, IChE ARC thanked all the speakers and students for their active participation in the interactive session.

Distribution of Certificates

At 6.30 p.m. the certificates were distributed to the participants and winners of the above student activities. Closing the proceedings **Dr M.Venkateswara Rao**, Honorary Regional Secretary, IChE Amaravati 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 of RGUKT, Nuzvid 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 ARC 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	350
Students	330
Faculty	20