



INDIAN INSTITUTE OF CHEMICAL ENGINEERS
GUNTUR REGIONAL CENTRE
JKC College Campus, Ring Road,
GUNTUR-522 006 (AP)



1st July, 2017

ANNUAL REPORT: 2016-2017

Respected dignitaries and esteemed members, a very good evening and warm welcome to you all. On behalf of the Executive Committee of IICChE-GRC, I take this opportunity in extending hearty welcome to you all to this 3rd AGM of Guntur Regional Center.

I. 2nd AGM on 27.08.2016

Presiding over the meeting, Sri J.Murali Mohan, Chairman welcomed the members and expressed his happiness and appreciation for the cooperation extended by all the members for the smooth functioning of IICChE GRC. Due to unavoidable conditions Sri J. Murali Mohan, left the meeting requesting, Dr. V.Govardhana Rao to preside over the meeting. Dr. V.Govardhana Rao accepted the request and conducted the remaining proceedings.

The election for the Executive Committee for the year 2016-2017 was conducted by Dr. V.Govardhana Rao. The following is the list of the Executive Committee of IICChE- GRC for the year 2016-2017.

1.	LM 6492	Dr. M.Venkateswara Rao
2.	LM.7122	Dr. B. N. Reddy
3.	LM 8273	Sri G.Ranga Rao
4.	LM.18811	Dr.V.Govardhana Rao
5.	LM 53758	Dr. P.Venkateswarlu
6.	LM 27709	Dr.V.Madhusudhan Rao
7.	LM 32020	Dr. C.V.Subrahmanyam
8.	LM 53475	Sri E.Pardhasaradhi
9.	LM 53476	Sri J. Murali Mohan
10.	LM 53477	Sri M. Raghavaiah
11.	LM 53478	Dr. J.Srinivasa Rao
12.	LM 53488	Smt. N. Sudha Rani

The Executive Committee Meeting of IICChE-Guntur Regional Centre was held on 27.08.2016 at 8.00 p.m. in the Committee room, JKC College, Ring Road, Guntur. Dr. J. Srinivasa Rao presided over the meeting and conducted the proceedings.

The Executive Committee unanimously elected the following office bearers for the year 2016-17

1. Chairman	: Sri J. Murali Mohan
2. Vice Chairman	: Dr. V. Govardhana Rao

3. Honorary Regional Secretary : Dr. M.Venkateswara Rao
4. Honorary Regional Joint Secretary : Dr. V. Madhusudhan Rao
5. Honorary Regional Treasurer : Dr. C.V.Subrahmanyam

As for the IChE National Council decision, all the student chapter coordinators and Industrial Consultancy Committee members are included as invites to the EC for better coordination in organizing the Regional Center activities.

II. Financial Support by IChE members

In addition to the Rs.1,00,000/- (rupees one lakh only) already deposited by staff members of Chemical Engineering Department, RVR & JC College of Engineering (A), Guntur to organize an Endowment Lecture with the interest earned on the fixed deposit every year in the name of Prof. M. Venkateswara Rao, the staff members of Chemical Engineering Department, RVR & JC College of Engineering (A), Guntur donated Rs.50,000/-(rupees fifty thousand only) for the endowment fund during the year 2016-17. The same amount was deposited in the bank as fixed deposit in the account of IChE-GRC.

During 2015-16, some of the IChE GRC members donated Rs.50,000/-(rupees fifty thousand only) to organize IChE GRC activities and the same amount was deposited in the bank account. This year also some of the IChE GRC members donated Rs. 50,000/-(rupees fifty thousand only). We are very much thankful to the members for their kind support.

The following resolution was adopted by EC through circulation (dated 30.01.2017)

To promote the student chapter activities, it is hereby resolved to sponsor student files/kits worth Rs. 12,000/- to 15,000/- to any student chapter, which is willing to organize one/two days student activities in association with IChE Guntur Regional Center during the academic year 2016-17.

As per the above resolution, Indian Institute of Chemical Engineers Guntur Regional Center (IChE GRC), sponsored the student files worth of Rs. 14,000/- (rupees fourteen thousand only) to IChE RVR&JCCE Student Chapter to organize ChECK- 2017 during 17-18 February, 2017 and files worth of Rs. 14,600/- (rupees fourteen thousand six hundred only) IChE RGUKTN, Nuzvid to organize CHEMFLOC-2K17 on 25.03.2017.

ACTIVITIES OF THE YEAR

With the co-operation and support of all the EC members and other committee members during this period, six Executive Committee meetings have been held and the following activities were carried out in 2016-2017.

I. NATIONAL SEMINAR

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 seminar was inaugurated by Shyam kumar Bang, President, IChE National Council.

Details of Participants:Number of Collegesparticipated-17; Students-389(193 intermediate and 196 Engineering); Faculty-60; Parents-28; Plus IChE GRC members.

Details of the speakers

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

Panel discussion session was conducted with the participation of all the above speakers and other professionals. In this session the students actively participated. At the end of the session, Dr. V. Govardhana Rao, IChE GRC EC member summed up the seminar proceedings highlighting the relevance of the seminar and the important points made by the speakers.

The major Contributors for the seminar are a) Alumni from BEC and RVR&JCCE b) M/s Jocil Limited, Dokiparru c) The Andhra sugars Tanuku d) M/s Hetero drugs, Hyderabad

II. ChECK-2017

A two day student activity “Chemical Engineering Context for Knowckout-2017(ChECK-2017)” was organized by IChE RVR&JCCE student Chapter in association with IChE GRC during 17-18 February, 2017. Total number of student participants are 245 and total number of registered student (Chemical and allied departments) participants are 181 from different Colleges.

Details of the speakers

- 1 **Dr. A. Sarath Babu** : Global Challenges for Chemical Engineers
Head, Department of Chemical Engineering
NITW, Warangal, Telangana State.
- 2 **Dr. P.Venugopala Rao** : Life Skill Topics
Professor (Retd.), Canada
- 3 **Dr.G.S.Venkata Ratnam** : Safety in Chemical Engineering
CLRI, Chennai
- 4 **Dr.P.S.T. Sai** :Global Warming
Professor, Dept. of Chemical Engineering
IITM, Chennai

Following are the Judges for different events:

1. Dr. N. Rama Gopal, Professor, Dept. of Chemical Engineering, Bapatla Engineering College, Bapatla, Guntur (Dist.).
2. Sri E. Pardhasaradhi, General Manager (Retd.), Coal India Limited, Kolkata.
3. Sri P. Bangaraiah, Associate Professor, Vignan's University, Vadlamudi, Guntur (Dist.).
4. Sri M. Rama Krishna, Asst. Professor, Dept. of Chemical Engineering, RGUKT, Nuzvid, Krishna (Dist.).
5. Sri N. Aravind, Lecturer in English (Retd.), Guravaiah College, Guntur.
6. Smt.B.Tulasi Rani, Lecturer in English, Chalapathi Institute of Technology, Mothadaka, Guntur (Dist.)

III. CHEMFLOC-2K17

IChE RGUKT student chapter, Nuzvid, Krishna (Dist.) in association with IChE Guntur Regional Center was organized "CHEMFLOC-2K17" on 25.03.2017. Total number of student participants are 150 and total number of registered student (Chemical and allied departments) participants are 95 from different Colleges.

Prof. M Chidambaram, Professor, Department of Chemical Engineering, IITM, Chennai inaugurated the one day program CHEMFLOC-2K17 by lightning the lamp and delivered the inaugural address. The Guest of honor Prof. M. Venkateswara Rao, Honorary regional secretary IChE-GRC has appraised about IChE-GRC Activities. Mr. S. Satyapal another guest of honor from ONGC, Kakinada greeted the inaugural function.

After the Inaugural function the Chief Guest Prof. M Chidambaram delivered a wonderful Expert lecture on "Advanced Techniques of Process Control in Chemical Engineering". Followed by an informative lecture on "Drilling and production process of oil and gas from reservoirs" and motivated the students by the guest of honor Mr. S. Satyapal.

Judges for different events:

In addition to the Judges from RGUKT, Nuzvid, the following academicians acted as Judges,

1. Sri P. Bangaraiah, Associate Professor, Vignan's University, Vadlamudi, Guntur (Dist.).
2. Sri K.Siva Prasada Rao, Asst. Professor, Dept. of Chemical Engineering, RVR & JC College of Engineering (A),Guntur.

Prof. M Venkateswara Rao,Honorary Regional Secretary of IChE Guntur Regional Center has delivered a breathtaking motivation lecture on "Opportunities in Chemical Engineering and Importance of Chemical Industry for Sustainable Development".

IV. A team of IChE GRC members belonging to Bapatla Engineering College, Bapatla organized awareness campaign on "Need of Chemical Engineering Education and growth of Chemical Industry in the near future" for the Junior College students and their parents at Junior Colleges in and around Chirala, Ongole during December, 2016 & February, 2017 respectively. Around 2000 students and parents participated in the above activity.

V. An Industrial Consultancy Committee was constituted with following IChE GRC members to interact with Industry and to extend possible assistance in solving the Industrial problems. The main trust in this activity is to engage chemical engineering students with the industry through their project work. Therefore, the student chapters under GRC are also involved in the process of consultancy/project work.

1. Mr. J. Murali Mohan
2. Dr. V. Govardhana Rao.
3. Sri M. Raghavaiah
4. Sri P. Kanakaraju
5. Sri E. PardhaSaradhi
6. Sri R. Benerjee Babu.
7. Dr. N. Rama Gopal.

ACTIVITIES OF STUDENT CHAPTERS

IChE RVR&JCCE Student Chapter

Expert Lectures Organized

1. Dr. Sreenivas Jayanti, Professor, Department of Chemical Engineering IIT Madras, Chennai, delivered a guest lecture on 'CO₂ Capturing by various Techniques' on 3rd March, 2017.
2. Dr. A. Sarath Babu, Head & Professor, Department of Chemical Engineering, NITW, Warangal, Telangana, delivered a guest lecture on 'Global Challenges for Chemical Engineers' on 17th February, 2017.
3. Dr. P Venugopala Rao, Professor (Retd.), Lake Head University, Canada, delivered a guest lecture on 'Life Skills Topics' on 17th February, 2017.
4. Dr. G.S. Venkata Ratnam, Senior Principal Scientist, CLRI Laboratories, Chennai, delivered a guest lecture on 'Safety in Chemical Engineering' on 18th February, 2017.
5. Dr. P. S. T. Sai, Professor, Department of Chemical Engineering, IIT Madras, Chennai, Tamilnadu, delivered a guest lecture on 'Global Warming' on 18th February, 2017.
6. Mr. Sk. Ameer Khan, Research Scholar, Department of Chemical Engineering, NIT Warangal, delivered a guest lecture on 'Chemical Engineering Computations by using MAT LAB' on 09th February, 2017.
7. Mr. Syam Yarasuri, Principal Consultant, Invensys Development Centre India Pvt. Ltd, Hyderabad, delivered a guest lecture on 'Career opportunities for Chemical Engineers' on 5th December, 2016.
8. Mr. E. Satyanarayana, Environmental Engineer, A.P. State Pollution Control Board, Vijayawada Region, delivered a guest lecture on 'Importance of Pollution Control in attaining Swacha Bharat' on 14th September, 2016.

Industrial study tours organized

1. The students of third year went on a short tour to The Andhra Sugars Limited, Tanuku, A.P., on 10th March, 2017.
2. The students of second year went on a short tour to M/s. Sri Dhanalakshmi Group of Industries (Oil Division), Ganapavaram, Guntur, A.P., on 04th January, 2017.

3. The students of third year went on a short tour to M/s. K.C.P Ltd., (Sugars Division) Vuyyuru, Krishna,A.P., on 06th January, 2017.
4. The students of second year went on a short tour to M/s.JOCIL Ltd., Dokiparru, Guntur, A.P., on 26th July, 2016.
5. Students of third year went on a short tour to M/s. Sri Dhanalakshmi Group of Industries (Oil Division), Ganapavaram, Guntur, A.P., on 21st September, 2016.

Awards

IChE Student Chapter of RVR & JC College of Engineering (A) under IChE Guntur Regional Center was bestowed with Pidilite Industries best Student Chapter Award for the year 2016.

With this, I submit the annual report together with the audited statement of accounts for the approval of esteemed members of Indian Institute of Chemical Engineers, Guntur Regional Center.

Thank you one and all.



(M.Venkateswara Rao)
Hon. Regional Secretary, IChE-GRC