



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



24th June, 2018

ANNUAL REPORT: 2017-2018

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 4th AGM of Guntur Regional Center.

I. 3rd AGM on 01.07.2017

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.

The election for the Executive Committee for the year 2017-2019 was conducted by Sri J. Murali Mohan. The following is the list of the Executive Committee of IICChE- GRC for the year 2017-2019.

1.	LM 6492	Dr M.Venkateswara Rao	Member
2.	LM.18811	Dr.V.Govardhana Rao	Member
3.	LM 27709	Dr.V.Madhusudhan Rao	Member
4.	LM 32020	Dr. C.V Subrahmanyam	Member
5.	LM 53475	Sri.Enjumuri Pardhasaradhi	Member
6.	LM 53476	Sri. J. Murali Mohan	Member
7.	LM 53477	Sri. M. Raghavaiah	Member
8.	LM 53478	Dr. J.Srinivasa Rao	Member
9.	LM 53479	Sri R. Benerjee Babu	Member
10.	LM 53480	Sri N.Jani Bhasha	Member
11.	LM 27678	Dr.K.B.K.Rao	Member
12.	LM 9292	Dr.T.Subbaiah	Member
13.	LM 32022	Dr. K. Ramesh Chandra	Member, co-opted
14.	LM 54715	Sri M.Rama Krishna	Member co-opted

The Executive Committee Meeting of IICChE-Guntur Regional Centre was held on 01.07.2017 at 08.00 p.m. in the Committee room, JKC College, Ring Road, Guntur. Sri J. Murali Mohan presided over the meeting and conducted the proceedings.

The Executive Committee unanimously elected the following office bearers for the year 2017-18.

- | | |
|--------------------------------------|--------------------------|
| 1. Chairman | : Dr. V. Govardhana Rao |
| 2. Vice Chairman | : Dr. V. Madhusudhan Rao |
| 3. Honorary Regional Secretary | : Dr. M.Venkateswara Rao |
| 4. Honorary Regional Joint Secretary | : Dr. J.Srinivasa 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 IICHE MEMBERS

During 2017-18, some of the IChE GRC members/Alumni of RVR&JC College of Engineering (A) donated Rs.28,500/-(rupees twenty eight thousand and five hundred only) during the financial year 2017-18 to organize IChE GRC activities & Prof. M. Venkateswara Rao, Honorary Regional Secretary donated Rs.50,000/- (rupees fifty thousand only) to organize endowment lecture and the same amount was deposited in the bank account.

To promote the student chapter activities, it is resolved(depending on the availability of funds) 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 2017-18.

As per the above resolution, Indian Institute of Chemical Engineers Guntur Regional Center (IChE GRC), sponsored the student files worth of Rs. 14,700/- (rupees fourteen thousand seven hundred only) to IChE RVR&JCCE Student Chapter to organize ChECK- 2018 on 05.01.2018.

ACTIVITIES OF THE YEAR

With the co-operation and support of all the EC members and other committee members during this period, eight Executive Committee meetings have been held and the following activities were carried out during the year 2017-2018.

I. INAUGURATION OF STUDENT CHAPTER

The Inauguration Ceremony of the Indian Institute of Chemical Engineers (IChE) - NIT AP Student Chapter at NIT, Tadepalligudem, Andhra Pradesh was held on **10th November 2017**. **Prof. K. Krishnaiah**, Former Dean, R & D, IITM, Chennai and Academic adviser, IIT Tirupati was the Chief Guest for this occasion. He shared his valuable thoughts and information with the students on various career opportunities in the Chemical Engineering Field. **Dr. M Venkateswara Rao**, Honorary Regional Secretary, Guntur Regional Centre IChE was the Guest of Honour. **Prof. K. Krishnaiah** inaugurated the student chapter in the presence of **Prof. S.**

Srinivasa Rao, Coordinator, NIT Andhra Pradesh, **Prof. P. Nageswara Rao**, HOD DSH, NIT Andhra Pradesh and **Dr. B. Sujan Kumar**, Course Coordinator, Department of Chemical Engineering, NIT Andhra Pradesh and **Dr. A. SaratBabu**, Head of the Department, Chemical Engineering, NIT Warangal. **Prof. S. Srinivasa Rao** presided over the inaugural session. **Dr. M Venkateswara Rao** shared with his valuable suggestions on IChE student Chapter activities.

II. NATIONAL SEMINAR

IChE Guntur Regional Centre organized a one-day Seminar on “CHEMICAL INDUSTRY-GROWTH AND SUSTAINABILITY” on 23.01.2018 at RVR& JC College of Engineering (A) campus, Guntur. The seminar was inaugurated by Dr. Ch. Satyanarayana, Consultant, Chief Scientist (Retired), National Chemical Laboratory, Pune.

Details of Participants: Total participants-380 (Student participants-310); Faculty-35; Plus IChE GRC members.

Details of the speakers

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 Carboblocks Pvt. Ltd., Mumbai	Industry-Institute Interaction

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 Chairman summed up the seminar proceedings 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

The major Contributors for the seminar are a) M/s Granules India Limited Hyderabad, b) M/s Jocil Limited, Dokiparru c) The Andhra sugars Limited Tanuku d) Vadlamudi Kotaiah Charitable and RVR &JC College of Engineering (A)

III. ChECK-2018

A one day student activity “Chemical Engineering Context for Knowckout-2018(ChECK-2018)” was organized by IChE RVR&JCCE student Chapter in association with IChE GRC on 05.01.2018. Total number of student participants are 223 and total number of registered student (Chemical and allied departments) participants are 173 from different Colleges.

Following are the Judges for different events:

1. Dr.V.GovardhanaRao, Professor (Retd.), IITB, Mumbai and Chairman, IChE GRC
2. Dr. N. Aravind, Lecturer in English (Retd.), Guravaiah College, Guntur.
3. Sri K. Sudhakar, Asst. Professor, RVR &JC College of Engineering (A), Guntur.

Details of events organized and prizes (Certificate + Memento + Cash):

Name of the Event: Paper presentations:

S.No.	Name of the Student	Name of the College	Prize	Amount
1.	E. Rameswari	CHIPS	I	3,000/-

2.	D. Sivakrishna	R.V.R & J.C.C.E	II	2,000/-
3.	R. Teja& N. Naga Lakshmi	RGUKT, Nuzivid	III	1,000/-
4	S.S. Vamsi Krishna	JNTUK, Kakinada	III	1,000/-

Name of the Event: **Quiz**

S.No.	Name of The Student	Name of the College	Prize	Amount
1.	Sk. Ijaj& N. Sudhakar	R.V.R & J.C.C.E, Guntur	I	3,000/-
2.	U. Hari Krishna & D. Appalanaidu	Bapatla Engineering College(A), Bapatla	II	2,000/-
3.	Md. Khudrathullah&N.Mouli	R.V.R & J.C.C.E, Guntur	III	1,000/-

Name of the Event: **Elocution**

S.No.	Name of The Student	Name of the College	Prize	Amount
1.	M. SaiSujeet	R.V.R & J.C.C.E, Guntur	I	2,000/-
2.	Sk. Khajurun	RGUKT, Nuzivid	II	1,000/-
3.	A. Pavana Lakshmi	Vignan's University, Guntur	III	500/-

4.

Name of the Event: **Group Discussion**

S.No.	Name of The Student	Name of the College	Prize	Amount
1.	Md. RuhiFarheen	Bapatla Engineering College(A), Bapatla	I	2,000/-
2.	S.Vamsi Krishna	R.V.R & J.C.C.E, Guntur	II	1,000/-
3.	M. SaiSujeet	R.V.R & J.C.C.E, Guntur	III	500/-

IV TECHZITE 2K18

A Two day student activity was organized by RGUKT, Nuzvid student Chapter during 23-24 February, 2018. Total number of registered student participants is 125 from different Colleges.

Following are the Judges for different events:

1. Raviteja Naidu, Asst. Professor, RGUKT, Nuzvid
2. Chintayya Naidu Rudram, Asst. Professor, RGUKT, Nuzvid
3. Srinivas Rachakonda, Asst. Professor, RGUKT, Nuzvid
4. Pamarthi Mythili, Asst. Professor, RGUKT, Nuzvid
5. Mindi Ramakrishna, Asst. Professor, RGUKT, Nuzvid
6. Madhusudana Reddy Mule, Asst. Professor, RGUKT, Nuzvid

Details of events organized and prizes

Name of the event: Paper Presentations: Panel:-1

Winning Position	Name	College Name
1 st Place	A.Pavan Sai	RGUKT, Nuzvid
	C.Ravi Surya	
	M.Jayanth	

2 nd Place	G.Divya Sri	RVR&JC College of Engineering; Guntur
	B.V.Sushma	

Panel:-2

Winning Position	Name	College Name
1 st Place	Ch.Venkatesh	RGUKT, Nuzvid
	B.Upendra	
2 nd Place	D.Siva Krishna	RVR&JC College Of Engineering; Guntur
	M.Vengamma	

Poster Presentation

Winning Position	Name	College Name
1 st Place	A Pavan Sai	RGUKT, Nuzvid
	C.Ravi Surya	
2 nd Place	M.Bhanu	RGUKT, Nuzvid
	J.Parvathi	

Fun with Chemical Reactions

Winning Position	Name	College Name
1 st Place	V.David Raju	RGUKT, Nuzvid
	M.Ganesh	
2 nd Place	B.Manisha	RGUKT, Nuzvid

Chem-Hunt

Winning Position	Name	College Name
1 st Place	B.Upendra	RGUKT, Nuzvid
	Ch.Kouslya	
	Ch.Syamala	
	V.Swathi	
	V.Siva	
	A.Sai Naresh	
2 nd Place	Ch.Venkatesh	RGUKT, Nuzvid
	T.Premswaroop	
	B.Chandrika	
	D.Divya	
	B.Akhila	
	G.Yashwanthi	
	N.Prasanth	

Technical Quiz

Winning Position	Name	College Name
1 st Place	U.Raj Kumar	Rgukt Nuzvid
	V.Ajay	
	K.Rama Krishna	
2 nd Place	S.Bharathi	Rgukt Nuzvid
	T.Anusha	
	Md.Arshia Hasen	

V. CHEMFLOC-2K18-UPCOMING ACTIVITY

IChE RGUKT student chapter, Nuzvid, Krishna (Dist.) in association with IChE Guntur Regional Center is planning to organize “CHEMFLOC-2K18” during June/July, 2018. The details related to CHEMFLOC-2K18 will be informed to all the members as soon as the program is finalized.

VI. INDUSTRIAL CONSULTANCY COMMITTEE (ICC)

An Industrial Consultancy Committee was constituted (2nd EC meeting dated 16.09.2017) 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. Sri J. Murali Mohan
2. Sri E. Pardhasaradhi
3. Sri R.Benerjee Babu
4. Sri M.Raghavaih
5. Sri K.Siva Prasada Rao

VII. MEMORANDUM OF UNDERSTANDING (MOU)

Between

XPLOCC Technologies LLP & IChE-GRC (Guntur Regional Centre)

XPLOCC Technologies is a venture aiming at providing technical education by conducting software training and workshops. It all started in the summer of 2013, when a bunch of enthusiastic NITCians started CHEMSOFT VIRTUAL LAB to share knowledge, to enable and work with other students to excel in the challenging educational and professional domain. Now, at XPLOCC Technologies, we aim to do the same on a large platform to help aspiring engineers to achieve some-thing more in an ever changing and dynamic environment.

XPLOCC Technologies will provide:

XPLOCC Technologies agrees to Conduct Workshops and deliver proper knowledge and all the information related to workshop (relevant to Chemical Engineering).E-copy of required material will be provided (if any).

IChE-GRC will provide:

IChE-GRC agrees to provide required facilities (White Board, Computer Lab, Projector, Printed copy of material and Sound System) for the workshop conducted along with publicity of XPLOCC Technologies.

VIII. ORGANIZATIONAL MEMBERSHIP

The following two institutions admitted as IChE organizational members during the year 2017-18

1. RVR& JC College of Engineering (Autonomous), Guntur
2. Rajiv Gandhi University for Knowledge Technologies(RGUKT), Nuzvid

VIII. GST

All the documents related to GST are uploaded and waiting for GST number. As soon as number generates, it will be informed to the head quarters as well Waltair Regional Center.

ACTIVITIES OF STUDENT CHAPTERS

IChE RVR&JCCE Student Chapter

Expert Lectures Organized

1. Dr. S. V. Satyanarayana, Professor, Department of Chemical Engineering, JNTU College of Engineering, Ananthapur, delivered a guest lecture on 'Application of Membrane Processes for Clean Environment' on 1st July, 2017.
2. Mr. K.Chandu Babu, Senior officer HRD, Rashtriya Chemicals and Fertilizes Limited Mahul Road, Mumbai, delivered a guest lecture on 'Heat Transfer over Urea Production' on 31st July, 2017.
3. Mr. K. Yeswanth Krishna, Assistant System Engineer, TCS, Whitefield, Bangalore, delivered a guest lecture on 'Employability Skills' on 19th August, 2017.
4. Mr. J. Siva Rama Krishna, Principal Scientist, Halliburton Upstream Oil & Gas Services Company, Pune,delivered a guest lecture on 'Opportunities in for Chemical Engineers in Plant Design' on 19th August, 2017.
5. Ms. N. Rasmi, Project Manager, Infosys Ltd., Pune,delivered a guest lecture on 'Opportunities for Chemical Engineers' on 16th October, 2017.
6. Dr. Venkata SubbarayuduSistla, Asst. Prof., Department of Chemical Engineering, Rajiv Gandhi Institute of Petroleum Technology, Amethi, U.P, delivered a guest lecture on 'Application of Technical Crystallization in Petroleum Industry and Solar Energy Storage' on 28th November, 2017.
7. Dr. TanmayBasak, Professor, Department of Chemical Engineering, IITM, Chennai, delivered a guest lecture on 'Advances in Computational Fluid Dynamics of Chemical Processes' on 30th November, 2017.
8. Sri Patibandla Rajesh, Senior Process Engineer,EQUATE |Petrochemical Company, Kuwait , delivered a guest lecture on 'Process Engineering skills, Process Design and Plant exposure', on 03rd January, 2018.
9. Sri M. Rama Krishan, Asst. General Manager (HR&S),The KCP Limited, Krishna Dist, Andhra Pradesh, delivered a guest lecture on 'Oppurtunities for Chemical Engineers in Cement Industry', on 28th February, 2018.
10. Sri N.Renu Babu, Oil TechnologistM/s. Sri Dhanalakshmi Group of Industries (Oil Division) Chilakaluripet,Guntur Dt., delivered a guest lecture on 'Extraction of cotton seed oil', on 06th March,2018.

Industrial study tours organized

1. The students of second year went on a short tour to M/s. JOCIL Ltd. Dokiparru, Guntur on 30th August, 2017.
2. The students of third year went on a short tour to M/s. Sangam Milk Producer Company Limited (Sangam Dairy), Vadlamudi (V), Guntur, on 12th September., 2017.
3. The students of third year went on a short tour to M/s. KCP Limited Cements Division, Macherla, Guntur on 12th December, 2017.
4. The students of second year went on a short tour to M/s. Sri Dhanalakshmi Group of Industries, Ganapavaram, Chilakaluripet, Guntur Dt., on 30th December, 2017.

IChE RGUKT Nuzvid Student Chapter

Expert Lectures Organized

1. **Prof. K. Krishnaiah**, Former Dean, R & D, IITM, Chennai and Academic adviser, IIT T, Tirupathi, delivered a guest lecture on “Chemical Engineering in 21st Century” on 11th November, 2017.

Industrial study tours organized

1. The students of second year went on a short tour to M/s. JOCIL Ltd. Dokiparru, Guntur on 10th March, 2018.

Awards

IChE Guntur Regional Center was bestowed with **Best Regional Centre** Award for the year 2017 under B Category Regional Centers.

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