

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



10.07. 2022

ANNUAL REPORT: 2021-2022

Respected dignitaries and esteemed members, a very good morning and warm welcome to you all. On behalf of the Executive Committee of IIChE- ARC, I take this opportunity in extending hearty welcome to you all to this **8**th Annual General Meeting (AGM) of IIChE Amaravati Regional Center in mixed mode. It is my privilege to place the annual report for the year 2021-2022 before you for discussion and approval. The 7th AGM for the year 2020-2021 was held on 27.06.2021 online through Google meet.

I. 7th AGM on 27.06.2021

Sri J. Murali Mohan, Chairman presided over the meeting and conducted the proceedings.

The AGM unanimously elected the following members as Office Bearers and Executive Committee members of IIChE Amaravati Regional centre for the years 2021-2023.

| 1. | LM 53476 | Dr.V.Govardhana Rao, Chairman |
|-----|-----------|--|
| 2. | LM.18811 | Sri. J. Murali Mohan (immediate past Chairman, Ex-Officio) |
| 3. | LM 53757 | Dr. N. Sambasiva Rao, Vice Chairman |
| 4. | LM 6492 | Dr M.Venkateswara Rao, Honorary Regional Secretary |
| 5. | LM 53479 | Sri R. Benerjee Babu. Honorary Regional Joint Secretary |
| 6. | LM 53478 | Dr .J. Srinivasa Rao (immediate Honorary Joint Secretary Ex-Officio) |
| 7. | LM 32022 | Dr. K.Ramesh Chandra, Honorary Regional Treasurer |
| 8. | LM 32020 | Dr. C.V Subrahmanyam |
| 9. | LM 53477 | Sri. M. Raghavaiah |
| 10. | LM 8273 | Mr G.Ranga Rao |
| 11. | LM 53485 | Ms. P. Vijetha Chowdhary |
| 12. | LM 53760 | Dr. P.Bangaraiah |
| 13. | LAM 56569 | Dr. Vinoth Kumar Raja |
| 14. | LM 66136 | Mr.G.Venu Babu |
| 15. | LM 54715 | Mr.Mindi Rama Krishna |

Co-opted members

| 16. | LM 9292 | Dr.T.Subbaiah |
|-----|----------|-------------------|
| 17. | LM 53480 | Sri N.Jani Bhasha |
| 18. | LM 32588 | Dr.P.Venkateswar |

Invitees

| 1. | LM 27678 | Dr.K.B.K.Rao |
|----|----------|---------------------------|
| 2. | LM.03406 | Dr. A. Suryanarayana |
| 3. | LM 53475 | Mr.Enjumuri Pardhasaradhi |
| 4. | LM 53483 | Sri K.Siva Prasada Rao |

As for the IIChE 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. ENDOWMENT FUND

Dr. M. VenkateswaraRao informed to the members in the 7th EC meeting held on 3.4.2022 that the following persons/organizations generously donated to the Endowment fund in the name of Prof. M. Venkateswara Rao.

a) Sri M.Raghavaiah IIChE ARC EC member
b) Dr. M. Venkateswara Rao, Honorary Regional Secretary
c) Hetero Drugs Nakkapalli Unit
c) Rs. 10,000
d) Rs. 10,000
e) Rs. 15,000/-

All the EC members expressed their appreciation and conveyed their sincere thanks and happiness to Sri M. Raghavaiah, Dr. M. Venkateswara Rao and Hetero Drugs limited Nakkapalli for their generous contributions. Dr. M. Venkateswara Rao also informed that during the financial year 2021-22, an amount Rs.19, 467/- (Rupees nineteen thousand four hundred and sixty seven only) was earned as interest on endowment fund in the name of Prof. M.Venkateswara Rao and the same was added to the endowment fund and was deposited in the bank as no endowment lecture was organized during the year 2021-22. With the addition of Rs.19, 467/-, the total amount of the Endowment fund in the name of Prof. M. Venkateswara Rao becomes Rs.5, 00,000/-(Rupees five lakh only). A fixed deposit for Rs.5,00,000/- of the Endowment fund in the name of Prof. M. Venkateswara Rao was made for two years three months duration for which the rate of interest is 5.3%. The interest earned will be transferred quarterly to the IIChE ARC account. The interest accumulated on this fixed deposit in each year will be utilized to organize the endowment lecture in each year.

III. ACTIVITIES OF THE YEAR 2020-21

With the co-operation and support of all the EC members, eight Executive Committee meetings have been organized during this period. The Executive Committee in its first meeting held on 14.8.2021 through Google meet on-line due to COVID -19 pandemic, discussed about the activities to be organized during the year 2021-22. As the COVID pandemic has spread through out in the country by that time, the committee felt appropriate to conduct a seminar on awareness, preventive and possible treatment protocols of COVID-19. However, it could not materialize with in a reasonable time period, and by that time, awareness and information on COVID -19 has been spread out widely in the electronic media and news papers by many doctors, virologists and other experts.

1. THE INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN CHEMICAL AND BIOLOGICAL ENGINEERING (RICBE-2K21)

The International Conference (Virtual) on "Recent Innovations in Chemical and Biological Engineering (RICBE-2K21)" jointly organized the Departments of Chemical Engineering and Biosciences, RGUKT - Nuzvid campus respectively, in association with IIChE Amaravati Regional Centre, Guntur was held from 16th - 18th of September, 2021, with a great motivation and aspiration towards research and innovation.

The goal of the RICBE-2K21 Conference was to bring Academics and Industry together in an International arena to share information, expertise, and research advances in order to create a global community of Chemical engineers and Biotechnologists.

Conference Themes:

- Advanced separation and catalysis processes
- Chemical process operation and equipment design
- Momentum, heat and mass transfer in chemical process
- Nanotechnology and polymers & composites
- Petroleum refining and petrochemicals
- Reaction engineering and process dynamics & control
- Bio-energy, Bio-Pharma and Bio-Industry
- Biotechnology, Bioprocess & reactor design
- Bioremediation and Food technology
- Process modeling, simulation and optimization
- Renewable energy and conventional resources
- Water treatment & analysis
- Allied areas of chemical engineering

The Conference was inaugurated in virtual mode on 16/09/2021 at 4:00PM by Honorable Chancellor, Prof. K. C. Reddy garu in presence of invited Guests, Delegates, Authors and Participants.

A total of **200** students, researchers, and assistant professors from several premier institutes have enrolled for the conference, out of which **50** were from RGUKTs and among the plenty of abstracts received for technical presentations, **83** were selected from across India including IITs, NITs, CSIR Institutes, State Universities and Private Institutions. **15** Distinguished Speakers were invited from IITs, NITs, CSIR Institutes, Industries, and from Overseas Universities. Among the 15, a keynote addresses speech, **6** plenary lectures and **8** expert lectures were held during the three days of the Conference.

In addition, the received **83** abstracts were divided into **10** sessions, which comprise of **7** oral presentation, **one** multidisciplinary presentation and **2** poster presentation sessions were held accordingly. And for each session, there was an award for best presentation, adjudged by Chairperson and Co-Chairpersons from illustrious Universities.

A sum of **Rs 53,000** revenue was raised for organizing the Conference through Registration, and **Rs 30,000** sponsorship from SBI RGUIIIT Nuzvid campus and Delta Chemicals Pvt. Ltd, Vijayawada; in addition to that IIChE and Hetero drugs organizations sponsored the payment of Honorarium to 8 eminent speakers.

The Conference was organized successfully and concluded with Valedictory Function in the evening on 18.09.2021, the best presentation awardees in the all the technical sessions were declared by the Chief Guest and other dignitaries.

2. INTERNATIONAL WEBINAR ON GLOBAL WARMING AND CLIMATE CHANGE

We are very happy to note that a two day International Webinar on **Global Warming and Climate Change** was successfully organized during 12th & 13th November, 2021 by IIChE Amaravati Regional Center in association with all student chapters under IIChE ARC. On 12.11.2021 at 09.00 am, the Webinar was inaugurated by Dr. K. Krishnaiah, Professor in Chemical Engineering & Ex Dean, Academic Affairs, Indian Institute of Technology, Tirupati. Dr Krishna AchutaRao, Professor & Head, Centre for Atmospheric Sciences, IIT Delhi graced the function as Guest of Honour. Dr. V .Govardhana Rao, former professor IITB & Chairman IIChE ARC presided over the inaugural function and conducted the proceedings. The following speakers delivered the expert lectures.

| S.No. 1 | Date and time 12.11.2021 | Names of the speakers |
|----------------|---------------------------------|---|
| | 9.00 am 10. 10.00 am | Inaugural Function |
| 2 | 10.00 am to 11.00 am | Prof. Krishna AchutaRao Professor and Head, Centre |
| | | for Atmospheric Sciences |
| | | Indian Institute of Technology New Delhi |
| | | Title: Salient findings of the IPCC's 6 th assessment |
| | | report on climate change |
| | 11.00 am to 12.00 Noon | Dr. A. Gangagni Rao |
| | | Chief Scientist (CSIR-IICT) |
| | | Indian Institute of Chemical Technology (IICT) |
| | | Hyderabad |
| | | Title: Bioconversion as potential route for the treatment of |
| | | organic waste for climate change mitigation: Assessment |
| | | of technologies translated from lab to land. |
| 3 | 3.30 pm to 4.30 pm | Dr Chirag Dhara |
| | | Climate Physicist, Krea University, Sri City |
| | | Andhra Pradesh |
| | | Title: If "Electric vehicle" is the answer, what is the |
| | | question? |
| | 4.30 pm to 5.30 pm | Dr.Nagasree Garlapati |
| | | Department of Chemical and Biomedical Engineering |
| | | West Virginia University, USA |
| | | Title: Numerical modeling of fluid & heat transport in |
| 4 | 12 11 2021 | geological reservoirs. |
| 4 | 13.11.2021 | Mr. Marlan Pillay |
| | 10.00 am to 11.00 am | Expert in Global warming & Climate Change |
| | | Bonn, Germany Title: Perceting by developing country parties to the |
| | | Title: Reporting by developing country parties to the Convention & Paris agreement. |
| | 11.00 am to 12.00 Noon | Dr. N. S. Srinivas |
| | 11.00 am to 12.00 Noon | Consultant – UNDP & Certified Energy Manager |
| | | New Delhi |
| | | Title: Important of green technologies for energy |
| | | production & usage |
| | | production & usuge |

| 5 | 3.00 pm to 4.00 pm | Dr.Balararam Vysetti Former Emeritus Scientist National Geophysical Research Institute (NGRI) Hyderabad Title: Global warming & Climate change – What lies ahead? |
|---|--------------------|--|
| | 4.00 pm to 5.00 pm | Dr. Gangadhar Andaluri Department of Civil and Environmental Engineering, Temple University, USA |
| | | Title: Mitigating climate change – Waste to energy |
| 6 | 5.00 pm onwards | Valedictory Function |

The following members of IIChE chaired the technical sessions

| S.No. | Date and time | Names of the Chair Person |
|-------|--------------------------------------|---|
| 1 | 12.11.2021 10.00 am 12.00 Noon | Dr. V. Govardhana Rao, Former Professor, IITB & Chairman, IIChE ARC |
| | 3.30 pm to 5.30 pm | Dr. P. Dinesh Sankara Reddy, Professor inDept. Of Chemical Engineering and in charge Registrar, NIT AP |
| 2 | 13.11.2021 10.00 am to 12.00 Noon | Dr. V. Govardhana Rao, Former Professor, IITB & Chairman, IIChE ARC |
| | 3.00 pm to 5.30 pm | Dr. T. Subbaiah, Professor in Chemical Engineering & Research Adviser, Vignan University, |

The Two Day activity came to an end by the Valedictory function at 05.30 p.m. on 13-11-2021. Prof. V.V.Basava Rao, Principal, OU College of Technology, Hyderabad & Immediate Past President, IIChE was the Chief Guest and Dr. Gangadhar Andaluri, Temple University, USA graced the Valedictory function as Guest of Honour. Dr. N. Sambasiva Rao, Vice Chairman, IIChE ARC presided over the Valedictory function. At the end of the valedictory function Dr. M. Venkateswara Rao, Honorary Regional Secretary, IIChE ARC summed up the webinar proceedings highlighting the relevance of the webinar and the important points made by the speakers and proposed the vote of thanks.

Total number of registered participants = **543** (students, faculty and working professionals). The huge response from the participants across many regions of the country is the testimony how curious and enthusiastic the participants are to listen to the expert lectures.

As per the feedback from the participants, all the speakers delivered highly informative, inspiring and thought provoking lectures on the causes of global warming and its effects on climate change and measures to mitigate global warming, They suggested the organizers to conduct many more webinars in future relevance to the social cause.

3. CHEMICAL ENGINEERING CONTEXT FOR KNOCKOUT-2022 (CHECK2022)

On behalf of IIChE Guntur Regional Center and IIChE RVR&JCCE student chapter, I am very happy to inform you that IIChE RVR& JCCE student chapter in association with IIChE Amaravati Regional Center successfully organized a two student activity "Chemical Engineering Context for Knockout-2022(ChECK2022)" consisting Plenary lectures, Technical paper presentations and Elocution during 14-15 February, 2022.

On 14.03.2022 at 10.00 a.m. Inaugural Session was organized. Dr. K. Ravindra, Principal, RVR & JC College of Engineering (A) presided over the inaugural session. ChECK 2022 was inaugurated by Sri Dineshchandra M Butal, President, Indian Institute of Chemical Engineers. Dr I N Bhattacharya, Former Chief Scientist & Head, Hydro and Electrometallurgy Division, CSIR-IIMT,, Bhubaneswar graced the function as Guest of Honour. Dr V.Govardhana Rao, Former Professor, IITB, Mumbai and Chairman, IIChE ARC greeted the inaugural function. Welcoming the Guests and participants Dr. M. Venkateswara Rao, Honorary Regional Secretary, IIChE Amaravati Regional Center and Professor & Dean, Examinations, RVR & JC College of Engineering (A) and Chairman "ChECK 2022" thanked the Management of RVR&JC College of Engineering (A), particularly Dr. R. Srinivas, President and Sri R.Gopala Krishna Secretary & Correspondent for readily accepting the proposal and providing necessary financial and moral support and the Principal Dr. K. Ravindra for his guidance and all the Staff members of Chemical Engineering Department for their innumerable service rendered. Dr. C.V.Subrahmanyam, Professor & Head, Department of Chemical Engineering, RVR & JC College of Engineering (A) and Convener ChECK 2022 presented the report. The following professional experts shared their views.

| S.No. | Date and | Name of the Speaker | Topic |
|-------|---------------|---|------------------------------------|
| | time | | |
| 1 | 14.03.2022 | Mr Dineshchandra M Butala | Challenges in Chemical |
| | at 11.00 a.m. | President, Indian Institute of Chemical | Engineering |
| | | Engineers | |
| 2 | 14.03.2022 | Dr I N Bhattacharya | Solid-Liquid Separation - An |
| | at 12.00 a.m. | Former Chief Scientist & Head | Overview |
| | | Hydro and Electrometallurgy Division | |
| | | CSIR-IIMT,, Bhubaneswar | |
| 3 | 15.03.2022 | Dr S V Satyanarayana | Applications of Membrane |
| | at 10.00 a.m. | Past President, IIChE & Professor in | separations in Circular |
| | | Chemical Engineering, JNT University | Economy |
| | | Anantapuramu | |
| 4 | 15.03.2022 | Dr A Sarath Babu | CO ₂ Capture, Storage & |
| | at 11.00 a.m. | Professor, Department of Chemical | Utilization - An Overview |
| | | Engineering, NITW, Warangal | |
| | | Telangana State | |

Following are the Judges for different events:

Paper presentation:

- 1. Dr. Ramesh Naidu Mandapati, Professor & Head, Department of Chemical Engineering, Vignan's Foundation for Science, Technolog, Vadlamudi, Guntur (Dist.).
- 2. Sri M. Rama Krishna, Asst. Professor, Dept. of Chemical Engineering, RGUKT, Nuzvid, Krishna (Dist.).

Elocution

- 1. Dr. K. Samuel Babu, Asst. Professor, Department of M & H, RVR & JC College Engineering, Chowdavaram, Guntur.
- 2. Dr. P. Ananth Laxmi, Asst. Professor, Department of M & H, RVR & JC College Engineering, Chowdavaram, Guntur.

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

Name of the Event: Paper presentations: session-I

| S.No. | Name of the Student & College | Prize | Amount |
|-------|--|-------------|--------|
| 1. | Jnana Sourabh. B | I | 3000/- |
| | Vignan's University, Andhra Pradesh | | |
| 2. | N.S Fraaq Hussain | II | 2000/- |
| | Islamiah College, Tamilnadu | | |
| 3. | K Raviteja | III | 1000/- |
| | CHIPS, Andhra Pradesh | | |
| 4. | Aditi S & S. Mohanapriya | III | 1000/- |
| | Kongu Engineering College, Tamilnadu | | |
| 5. | Aaditya Sarin | Consolation | |
| | SRM Institute of Science and Technology, | | |
| | Tamilnadu | | |

Name of the Event: Paper presentations: session-II

| S.No. | Name of the Student & College | Prize | Amount |
|-------|--|-------------|--------|
| 1. | Siva Krishna Dhulipudi, Bharati Vidyapeeth | I | 3000/- |
| | University, Pune Maharashtra | | |
| 2. | P. Prabhu Teja | II | 2000/- |
| | Vignan's University, Andhra Pradesh | | |
| 3. | Sravani Satyala | III | 1000/- |
| | ANITS, Visakhapatnam, Andhra Pradesh | | |
| 4. | Pranaykumar T & M. Saketh Reddy | Consolation | |
| | CBIT, Hyderabad & | | |
| | Anurag University, Hyderabad | | |
| 5. | B. Venkata Ajith, A Omkar & | Consolation | |
| | B.Sai Pavan Kumar | | |
| | RVRJCCE, Andhra Pradesh | | |

Name of the Event: Elocution

| S.No. | Name of the Student & College | Prize | Amount |
|-------|--|-------------|--------|
| 1. | Haile T. Jose, VIT Vellore, Tamilnadu | I | 3000/- |
| 2. | K.Ravi Teja, CHIPS, Andhra Pradesh | II | 2000/- |
| 3. | Siva Krishna Dhulipudi, Bharati Vidyapeeth | III | 1000/- |
| | University, Pune, Maharashtra | | |
| 4. | Susmitha chelsia | Consolation | |
| | Rajiv Gandhi University of Knowledge | | |
| | Technology(IIIT), Nuzvid, Krishna (Dist.) | | |
| | Andhra Pradesh | | |

The Two Day student activity came to an end by the Valedictory function at 04.00 p.m. on 15-03-2022. Dr. V. Govardhana Rao, Former Professor, IITB, Mumbai & Chairman, IIChE ARC presided over the Valedictory function and conducted the proceedings. Dr S V Satyanarayana Past President, IIChE & Professor in Chemical Engineering, JNT University, Anantapuramu is the Chief Guest and Dr. Avijith Ghosh, Honorary Secretary, Indian Institute of Chemical Engineers and Asst. Professor, Department of Chemical Engineering, Heritage Institute of Technology, Kolkata graced the Valedictory function as Guest Honour. Dr. C.V. Subrahamanyam Professor & Head, Department of Chemical Engineering, RVR & JC College of Engineering (A) & Convener ChECK 2022 presented the report. After getting feedback from the participants the Certificates and prizes were distributed to the participants. Dr. M. Venkateswara Rao, Honorary Regional Secretary, IIChE ARC summed up the two day student activity proceedings highlighting the relevance of the ChECK 2022 and the important points made by the speakers and proposed the vote of thanks.

As per the feedback from the participants they are all satisfied with the arrangements made to organize the student activity virtually. All the plenary lectures delivered by the speakers are highly informative, inspiring and thought provoking. The participants requested the organizers to conduct the similar activities in future also.

Total number of registered student participants is **307** from **37** Colleges and total number of student activity participants is **77**.

4. GROWTH, CHALLENGES AND OPPORTUNITIES FOR INDIAN PHARMA INDUSTRY

We are very happy to note that the one day International Webinar on **Growth, Challenges And Opportunities For Indian Pharma Industry** was successfully organized on 22nd May, 2022 by IIChE Amaravati Regional Center in association with all student chapters under IIChE ARC. On 22.05.2022 at 09.00 am, the Webinar was inaugurated by **Sri M V Ramana** CEO and Head of the Branded Formulations business Dr. Reddy's Laboratories, Hyderabad. **Dr A Sarath Babu** Professor, Dept. of Chemical Engineering, National Institute of Technology, Warangal graced the function as Guest of Honour. **Sri J Murali Mohan** Managing Director, Jocil Limited, Guntur & Immediate Past Chairman, IIChE ARC presided over the inaugural function and conducted the proceedings. The following speakers delivered the expert lectures.

Technical sessions:

Morning Session:

| S No. | Name of the speaker | Time | Topic |
|-------|-------------------------------------|------------------------|--------------------------|
| 1 | Sri M V Ramana | 10.00 am to 11.00 am | Pharmaceutical Industry: |
| | CEO and Head of the Branded | | Global Impact and Way |
| | Formulations business | | Forward |
| | Dr. Reddy's Laboratories, Hyderabad | | |
| 2 | Sri Krishna Elasagaram | 11.00 am to 12.00 noon | Role of Chemical |
| | General Manager-Works (Site Head), | | Engineer in Pharma |
| | Wanbury Pharma Ltd. | | Sector-Opportunities in |
| | • | | API division |

Afternoon Session:

| S.No. | Name of the speaker | Time | Topic |
|-------|------------------------------|----------------------|-------------------------------|
| 1 | Dr R N Josyula | 02.00 pm to 03.00 pm | Challenges and Opportunities |
| | Pharma Consultant | | in Pharma Industry |
| 2 | Sri J Nagesh | 03.00 pm to 03.45 pm | Chemical Engg in treatment |
| | JBN Technologies, Vijayawada | | and recycle of Pharma |
| | | | Effluents |
| 3 | Sri L Nagesh Kumar | 03.45 pm to 04.30 pm | Chemical Engineering in |
| | Former GM (Technical) | | Pharmaceutical Industry - |
| | The Andhra Sugars Ltd. | | Relevance to Unit Operations, |
| | Tanuku, Andhra Pradesh | | Unit Processes, Quality and |
| | | | Safety |
| 4 | Dr N Sambasiva Rao | 04.30pm to 04.40 pm | Sum-up the Webinar |
| | Vice-Chairman, IIChE ARC | | |

The following members of IIChE chaired the technical sessions

| S.No. | Date and Time | Names of the Chair Person |
|-------|------------------------|--|
| 1 | 22.05.2022 | Sri G Venu Babu |
| | Morning Session | Executive Body member, IIChE ARC& |
| | 10.00 am to 12.00 Noon | General Manager, Operations |
| | | Hetero Labs Ltd. Unit-III, Nakkapalli |
| 2 | 22.05.2022 | Sri R Banerjee Babu |
| | Afternoon Session | Honorary Joint Secretary, IIChE ARC& |
| | 02.00 am to 04.30 pm | Adviser (Production), Jocil Ltd., Guntur |

The day activity was concluded by Dr. N. Sambasiva Rao, Vice Chairman, IIChE ARC summing up the Webinar proceedings highlighting the relevance of the webinar and the important points made by the speakers. At the end Dr. M. Venkateswara Rao, Honorary Regional Secretary, IIChE ARC proposed the vote of thanks.

Total number of registered participants = 143 (students, faculty and working professionals). The response from the participants across many regions of the country is the testimony how curious and enthusiastic the participants are to listen to the expert lectures.

IV. ACTIVITIES OF STUDENT CHAPTERS

IIChE RVRJCCE Student Chapter

1. Expert Lectures: 05

| S. No | Name of the Speaker | Date | Topic | Address |
|-------|---------------------|-------------------------------|--------------------|-------------------------|
| 1 | Mr. Raghavendra | 5 th October, 2021 | Understanding | Process Safety Engineer |
| | Maddala | | Hazardous Unit | Lupin Limited |
| | | | Operations and | Visakhapatnam |
| | | | Processes | |
| 2 | Mr. Kasa Sai | 01 st November, | Advanced Energy | Design & Development |
| | Prasanna Kumar | 2021 | Storage and Future | Engineer Sun Mobility |
| | | | Mobility | Private Limited |
| | | | | Bengaluru |

| 3 | Mr Dineshchandra M | 14 th March, 2022 | Challenges in | President, Indian |
|---|----------------------|------------------------------|------------------|-------------------------|
| | Butala | | Chemical | Institute of Chemical |
| | | | Engineering | Engineers |
| 4 | Dr IN Bhattacharya | 14 th March, 2022 | Solid-Liquid | Retd. Chief Scientist & |
| | | | Separation - An | Former Head, Hem |
| | | | Overview | Division CSIR-Institute |
| | | | | of Minerals and |
| | | | | Materials Technology, |
| | | | | Bhubaneswar |
| 5 | Dr S V Satyanarayana | 14 th March, 2022 | Applications of | Past President, IIChE& |
| | | | Membrane | Professor in Chemical |
| | | | separations in | Engineering |
| | | | Circular Economy | JNT University |
| | | | | Anantapuramu |

2. Special coaching like GATE,GRE etc:

Gate Classes for the IV/IV B.Tech., Students are conducted as part of academic activities

| S.No | Name Of The Student | Registered No | Hall Ticket No | Rank |
|------|---------------------|---------------|----------------|----------------|
| 1. | N.Vamsi Krishna | Y17CH041 | CH22S46115043 | 111 (GATE) |
| 2. | R.T.S. Avinash | Y17ch052 | CH22S41408678 | 238 (GATE) |
| 3. | M. Keerthana | Y18CH032 | CH22S47109007 | 1647 (GATE) |

3. Training and placement:

Placement Details for the year 2021-2022

| Name of Organizations visited | Number of Students Placed |
|-------------------------------------|----------------------------------|
| Divis Labs, Hyderabad | 20 |
| Ana oils and fats, Hyderabad | 01 |
| Hetero Drugs, Hyderabad | 13 |
| Infosys Ind (P) Ltd, Hyderabad | 02 |
| Deccan Chemicals, Visakhapatnam | 03 |
| Wipro Ind (P) Ltd, Hyderabad | 02 |
| CTS, Hyderabad | 02 |
| Tata Consultant Services, Hyderabad | 02 |
| Total | 45 |

4. Student Internships :-

| Name of the partnering institution/ industry /research lab with contact details | Number of Students (2021-2022) |
|---|-----------------------------------|
| Indian Institute of Chemical Engineering | 59 |
| (IIChE), Kolkata, India | |

5. IIChE student membership(2021-2022)

II/IV B.Tech :36 Students III/IV B.Tech :63 Students

Total Number of students taken membership: 99

IIChE RGUKTN Student Chapter

1. IIChE student membership(2021-2022)

Total Number of students taken membership: 27

V. AWARDS

IIChE Amaravati Regional Center was bestowed with **Second Best Regional Centre** Award for the year 2020-2021 under B Category Regional Centers.

With this, I submit the annual report together with the income expenditure statement cum balance sheet for the financial year 2021-22 for approval of esteemed members of Indian Institute of Chemical Engineers, Amaravati Regional Center.

Thank you one and all

(M. Venkateswara Rao)

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Hon. Regional Secretary, IIChE-ARC