



**INDIAN INSTITUTE OF CHEMICAL ENGINEERS**  
**AMARAVATI REGIONAL CENTRE**  
**(IICChE-ARC)**  
**JKC College Campus, Ring Road, Guntur**



29.06. 2024

**ANNUAL REPORT: 2023-2024**

Respected dignitaries and esteemed members, a very good morning and warm welcome to you all. I take this opportunity in extending hearty welcome to you all to this 10<sup>th</sup> Annual General Meeting (AGM) of IICChE Amaravati Regional Center in hybrid mode. It is my privilege to place the annual report for the year 2023-2024 before you for discussion and approval.

**9<sup>th</sup> AGM on 26.06.2023**

The 9<sup>th</sup> AGM for the year 2022-2023 was held on 26.06.2023 in hybrid mode. Dr. V.Govardhana Rao Chairman, IICChE-Amaravati Regional Centre presided over the meeting and conducted the proceedings

. The AGM unanimously elected the following members as Office Bearers and Executive Committee members of IICChE Amaravati Regional centre for the years 2023-2024 and 2024-2025.

**A. NAME & DESIGNATION OF THE EXECUTIVE COMMITTEE MEMBERS FOR THE PERIOD FROM 01.07.2024 TO 30.06.2025.**

S.No.	Name & Address	Designation	Membership Number	Mobile No.	Email ID
1	Sri Jagarlamudi Murali Mohan Managing Director, M/s Jocil limited, Dokiparru D. No. 5-91-28/1 1/2, Chandramouli Nagar Guntur-522 007, Andhra Pradesh	Chairman	LF-53476	9848135461	jmmohan@hotmail.com jmmohan99@gmail.com
2	Prof. V. Govardhana Rao # 5A, Pioneer Prestige 4/3, Navabharat Nagar Guntur - 522 006, Andhra Pradesh	Immediate past Chairman	LF-18811	9885890122	grvadlamudi@gmail.com
3	Dr. Chilukuri Veera Venkata Satyanarayana Willows-836, Raintree Park Opposite to Acharya Nagarjuna University, Numburu-522 508 Guntur (Dist.), Andhra Pradesh	Vice Chairman	LM-63056	9890626115	satya.cvv@gmail.com
4	Dr. M. Venkateswara Rao Former Professor & Dean Examinations R.V.R. & J. C. College of Engineering (A) # 204 Brundavan Plaza 4 <sup>th</sup> Lane Brundavan Gardens Guntur-522 006, Andhra Pradesh	Honorary Regional Secretary	LF-06492	9440010190	mvrao79@gmail.com

5	Sri R. Banerjee Babu Flat No. 14, Kamalesh Enclave 7/3 Line, Chandramouli Nagar Guntur-522 007, Andhra Pradesh	Honorary Joint Regional Secretary	LM-53479	8247731270	rb_babu@hotmail.com
6	Dr. K. Ramesh Chandra Department of Chemical Engineering R.V.R. & J.C. College of Engineering (A) Chowdavaram-522 019 Guntur (Dist.), Andhra Pradesh	Honorary Treasurer	LM-32022	9441536677	kolasani_ramesh@ yahoo.co.in
7	Dr. C. V. Subrahmanyam Dept. of Chemical Engineering R.V.R. & J. C. College of Engineering(A) Chowdavaram-522 019 Guntur (Dist.), Andhra Pradesh	Member	LM-32020	9440081897	cvsvr@gmail.com
8	Sri M. Raghavaiah Managing Director M/s Srinivasa Cotton & Oil mills limited Pedanandipadu- 522 235 Pedanandipadu (Mandal) Guntur (Dist.), Andhra Pradesh	Member	LM-53477	9849505310	muddana.raghava@gmail. com
9	Sri Ramesh Gannamani S/o. Ramachandra Rao 1-54A, Pallantla-534 313 Devarapalli (Mandal) East Godavari (Dist.) Andhra Pradesh	Member	LM-54339	9441554956	rameshgannamani76@ gmail.com
10	Sri Nagaboiana Renu Babu #202 Ayodya Residency Bank Colony Chilakaluripet- 522 616 Palnadu (Dist.), Andhra Pradesh	Member	LM-73451	9848255821	nagaboinareubabu3868@ gmail.com
11	Sri N. Jani Bhasha D. No. MIG-41, APHB Colony Guntur-522 005, Andhra Pradesh	Member	LM-53480	9948292179	njbhasha@yahoo.co.in
12	Dr. Vinoth Kumar Raja Dept. of Chemical Engineering National Institute of Technology, AP, Tadepalligudem- 534101 West Godavari (Dist.) Andhra Pradesh	Member	LAM-56569	9442044040	vinoth@nitandhra.ac.in
13	Sri M. Ramakrishna Flat No. 204; 03-Block Faculty Qtrs.; RGUKT, Mylavaram Road Nazvid-521 202 Krishna (Dist.) Andhra Pradesh	Member	LM-54715	9542220200	krishna.mtech019@gmail. com

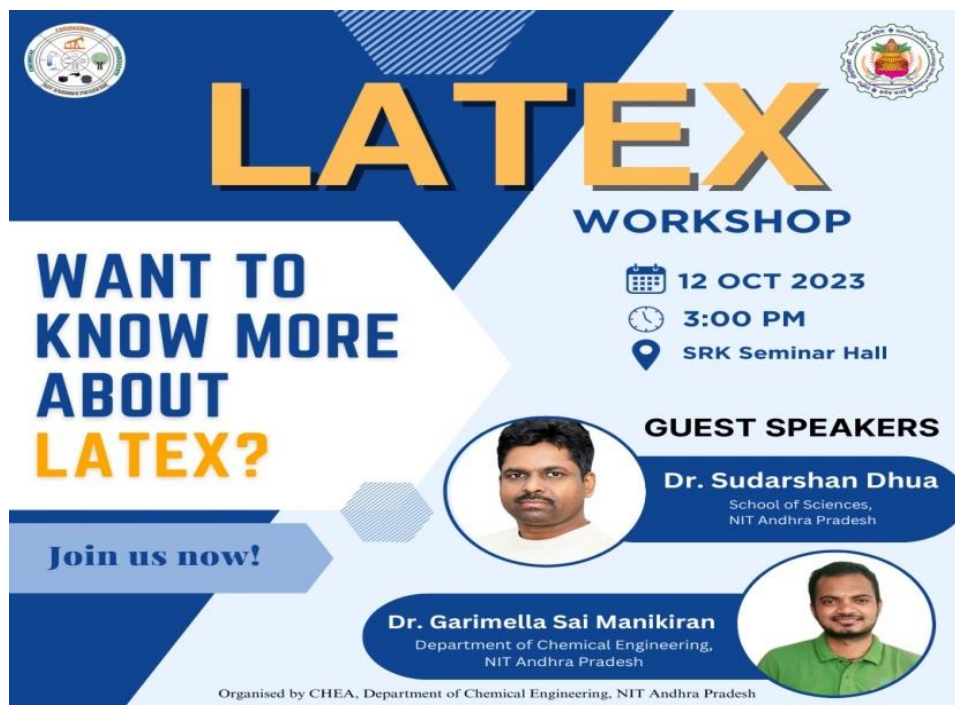
14	Dr. P. Vijetha Chowdhary C/o. P. Nageswara Rao Flat No. S-1; Vishnavi Apt. 5/3; Chandramouli Nagar, Guntur-522 006, Andhra Pradesh	Member	LM-53485	9494414528	vijetha.ponnam@gmail.com
1	Sri Venu Babu Gairuboina H.No- 1-51,Navuluru-522 502 Mangalagiri (mandal) Guntur (Dist.), Andhra Pradesh	Co-opted Member	LM-66136	9989947631	venu0511@gmail.com
2	Sri P. Venkateswarlu Flat No. F4, Garden Towers Lakshmpuram Main Road Chandramouli Nagar Opp. NTR Municipal Stadium Guntur-522007, Andhra Pradesh	Co-opted Member	LM-06224	9848730149	pvarulu@gmail.com
3	Sri K. Siva Prasada Rao Department of Chemical Engineering RVR & JC College of Engineering (A), Chowdavaram -522 019 Guntur (Dist.), Andhra Pradesh	Co-opted Member	LM-53483	9640940920	sivakrosuri@gmail.com
4	Dr. Banavath Anil Kumar Naik Dept. of Chem. Engineering National Institute of Technology, AP, Tadepalligudem- 534101 West Godavari (Dist.) Andhra Pradesh	Co-opted Member	LAM-62140	7075753405	b.a.k.naik@gmail.com
1	Dr. N. Sambasiva Rao # 2B, Pioneer Prestige 4/3, Navabharat Nagar Guntur- 522 006, Andhra Pradesh	Invitee	LM-53757	8985231367	raonann@gmail.com
2	Dr. A. Suryanarayana Flat No. 01, Sri Sai Apartments 5/2 Chandramouli Nagar Guntur -522007, Andhra Pradesh	Invitee	LM-03406	9247775032	rrs.chemicalhod@gmail.com
3	Dr. T. Subhaiah Flat No. 101, Anus Avenue Opp. Tarakarama Hybel, JKC College Road Guntur- 522 006, Andhra Pradesh	Invitee	LM-09292	8179879729	tsubbaiah@yahoo.com
4	Dr. K. B. K. Rao 13-3/1 Flat GF-5, Tonia Heights Pinnamaneni Teachers Colony Opp. Mana Kalyana Vedika Kanuru, Vjayawada -521007 Andhra Pradesh	Invitee	LM-27678	9441069030	bkraokurra@yahoo.co.in

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.

## B. R & D RELATED ACTIVITIES

### 1. Workshop on utilizing LaTeX for academic and professional documents

The one-day workshop on **Utilizing LaTeX for academic and professional documents** organized by the Department of Chemical Engineering, National Institute of Technology Andhra Pradesh, Tadepalligudem in Association with the Institution's Innovation Council (IIC) and Indian Institute of Chemical Engineers Amaravati Regional Centre (IICHe-ARC) was successfully organized on 12 of October 2023.



The poster is for a LaTeX Workshop. It features a blue and white color scheme. At the top, the word "LATEX" is written in large, bold, yellow letters, with "WORKSHOP" in smaller blue letters below it. To the left, it says "WANT TO KNOW MORE ABOUT LATEX?" in blue and yellow. Below that, a blue arrow points to the text "Join us now!". On the right, the date "12 OCT 2023", time "3:00 PM", and location "SRK Seminar Hall" are listed with icons. Below this, two guest speakers are introduced: Dr. Sudarshan Dhua, School of Sciences, NIT Andhra Pradesh, and Dr. Garimella Sai Manikiran, Department of Chemical Engineering, NIT Andhra Pradesh. At the bottom, it says "Organised by CHEA, Department of Chemical Engineering, NIT Andhra Pradesh".

Mr. Abhilash Ravichandran, a third year Chemical Engineering student from NIT AP, Tadepalligudem, invited the guests to the dais and requested Dr. Vinoth Kumar Raja, Head of the Department of Chemical Engineering, Dr. Sudharshan Dhua, School of Sciences NIT AP and Dr. G Sai Manikiran graced the occasion as a Guests of Honour. Dr. Vinoth Kumar Raja, warmly welcomed the dignitaries & participants for the workshop.



Dr. Sudharshan Dhua delivered the talk on **basics of Utilizing LaTeX for academics** and then Dr. G Sai Manikiran delivered the talk on **making professional documents (letters, reports, thesis etc) using LaTeX**.



Dr. Vinoth Kumar Raja Head, Department of Chemical Engineering NIT AP summed up the workshop proceedings highlighting the relevance of the workshop and the important points made by the speakers and proposed the vote of thanks.

About 120 people including students, faculty and working professionals were participated in the event. The huge response from the participants of NIT Andhra is the testimony how curious and enthusiastic the participants are to listen to the expert lectures.

As per the feedback from the participants, the two speakers delivered highly informative, inspiring and thought-provoking lectures. They suggested to organize many more symposiums/seminars/webinars in future also.

## 2. Report on three day technical event “TECKZITE’24”

Student Development & Campus Activity Cell (SDCAC) of Rajiv Gandhi University of Knowledge Technologies, Nuzvid (RGUKT-Nuzvid) organized the prestigious annual National-level Techno-Management fest **TECKZITE’24** on 12,13 and 14th of April,2024. The theme of the fest is 'Metaverse'. It is the fusion of innovation, enthusiasm, and fun.

The department of Chemical Engineering & IChE RGUKTN Student chapter in association with IChE Amaravati Regional Centre organized the events related to Chemical & allied branches.

This event was a huge success, with an impressive turnout of over 1100 participants from every branch and 150 participants from other colleges. Each participant brought their own unique creative ideas and unwavering enthusiasm, making the event an unforgettable experience.

### Inauguration:

On 12.04.2024, the Chief guest *Prof. K. Hema Chandra Reddy*, Chairman, Andhra Pradesh State Council of Higher Education, and *Prof. M. Chandrasekhar*, Director RGUKT Nuzvid delightfully started the event by lighting the ceremonial candle. The inauguration marked not just the beginning of an event but the commencement of a journey filled with boundless opportunities for learning, growth, and achievement.

The moment served as a reminder of our shared commitment to excellence, collaboration, and pushing the boundaries of what's possible. With the great inspiring words and best wishes from the Guests, the event successful inauguration and the promising journey that lay at Teckzite'24.



### Project Expo:

Project Expo, held on the second day of Teckzite'24, showcased the innovative prowess of our students and provided a platform for them to demonstrate their creativity and logical thinking through a diverse array of prototype exhibitions. The expo featured live demonstrations, interactive displays, engaging presentations and 15 prototype exhibitions including:

*Smart Helmet* : A cutting-edge headgear integrating advanced technologies for enhanced safety and communication in various applications.

*Radar System* : An innovative radar system designed to provide accurate detection and tracking capabilities for a range of purposes.

*Voice Controller Bot* : A sophisticated robot capable of executing commands and interacting with users through natural language processing.

*Smart Agriculture* : Solutions revolutionizing traditional farming methods through the integration of IOT devices, data analytics, and automation.

*Cycle Ambulance* : A novel approach to emergency medical services utilizing bicycles to navigate through congested areas quickly and efficiently.

*Automatic Robotic Arm* : Equipped with intelligent automation capabilities for industrial and household tasks.

*Coding Decoding AI & ML* : Projects leveraging artificial intelligence and machine learning algorithms to solve complex problems in coding and data analysis.

The project expo brought together students, faculty, industrial members and community members to explore a diverse range of projects spanning various disciplines. From engineering marvels to cutting-edge technology solutions, the expo showcased the talent and ingenuity of our students.

The Director Prof. M. Chandrasekhar had visited the expo and encouraged the students for their brilliant ideas and execution of projects. Esteemed judges from academia and various industries evaluated the projects based on criteria such as innovation, impact, and presentation quality. Prizes are awarded to recognize outstanding accomplishments and advancements demonstrated by the participating students.

Delighted by the enthusiastic participation and engagement from all attendees, the event was a resounding success. Students eagerly shared their projects with visitors, answered questions, and engaged in meaningful discussions. The lively atmosphere and exchange of ideas truly reflected the spirit of innovation and learning at RGUKT.



### Fun-filled Stalls:

The game stalls were buzzing with energy, bringing people together for laughter and fun. Organizers planned and created diverse experiences, from classic games to new challenges, captivating everyone involved. Beyond competition, the stalls fostered connections among participants who shared a love for gaming and amusement.

Their success was a testament from their unwavering planning and creativity, as each stall offered a unique blend of excitement and entertainment. By providing a space for people to connect and celebrate their shared passions, the game stalls created unforgettable moments of joy and camaraderie.

### Workshops:

During Teckzite'24 , workshops are thoughtfully organized to align with the fest's theme of innovation and skill enhancement. The workshops, guided by top-tier experts on leading topics, have profoundly impacted RGUKT's atmosphere. These sessions ignited innovation and curiosity, motivating students to explore their interests further. Through interactive discussions, students shared ideas, expanding their perspectives and enhancing the overall academic ambience.

Sl. No	Dept. Name	Date of Conduction	Name of the Workshop/Seminar	Speaker/Trainer	No. of Participants
1	Chemical	08-04-24 to 09-04-24	DWSIM	Mr. Ch. Bharath	48
2	Open to all branches	12-04-24	Entrepreneur Talk	Mr. Siginam Ayyappa	78
		13-04-24	Seminar on "GATE"	Mr. Ramesh (IES)	43
		13-04-24	Seminar	Prof. Ashok Junjun wala, IIT Hyderabad Chairman	64

These workshops served as catalysts for learning, collaboration, and professional growth, enriching the academic experience of our students. By engaging in experiential learning activities and interacting with industry experts, students gained invaluable experiences that will serve them well in their future careers. All the workshops had great participation from the students and made them a huge success.



The departmental events and open to all events in the Teckzite'24 were an absolute success to the fest. Systematically planned and flawlessly executed. The events are the testament to the dedication of organizers and participants alike. From departmental events to open to all events, each event captured the imagination of attendees.

Sl. No	Name of the Department	Name of the Evnet
		Solve for Tomorrow
1	Chemical	Power Point Presentation
		Chem Quest
2	Open to all branches	Fast-n-follower
		Solve for tomorrow
		Envision IAS test
		Pitch your Idea
		Free fire
		Crime Scene Investigation
		IPL Auction

The seamless coordination, enthusiastic participation and overwhelming positive feedback confirmed the resounding success of the events.



## Cultural Programs in the Evenings:

The evening cultural program an eye-feast of amazing performances that left audience spellbound. From traditional cultural dances to contemporary fusion styles, our students showcased diverse range of talent. Interaction with young entrepreneur “Mr. Signam Ayyappa” on day-1 added a unique dimension and provided attendees with insights into the entrepreneurial journey, inspiring them to pursue their passions and ideas. And the day-1 cultural programs has come to an end with closing remarks by Teckzite’24 Coordinator and President of SDCAC Mr. Pranay.

The special performance by “Shyam Charan” Band from Hyderabad on Day-2 was a mind-blowing performance. It was a stellar show of almost 3 hours. And the cultural showcase by “Anusai Boutique” (sponsors),Guntur on day-2 was an outstanding display. The day-2 cultural programs also include some astonishing performances by our students. Day-2 cultural programs ended with closing remarks by Tekzitez'24 hospitality manager and Joint Secretary of SDCAC,Ms. Vasanthii.

This tech extravaganza is a grand success with the tireless efforts of every volunteer and unwavering support of administration and faculty core team. This technological marvel was made possible by the collective spirit and unwavering commitment of every individual involved. Teckzite'24 wouldn't be a huge success without any of this. Every students who've participated in the event made this a grand success. Enthusiasm shown by the students is truly amazing. This Teckzite'24 has been a remarkable and unforgettable experience to each student out there in the event.

### Here comes the organizing team of Teckzite’24:





### 3. Endowment Lecture

The Endowment Lecture in name of Prof. M. Venkateswara Rao was successfully organized on 16<sup>th</sup> April, 2024 by IChE Amaravati Regional Center in association with RVR & JC College of Engineering and all student chapters under IChE ARC. Prof.K.Krishnaiah former Professor IITM and Dean Academic Affairs, IIT Tirupati delivered the 2<sup>nd</sup> Endowment lecture on “**Chemical Engineering: Opportunities and Challenges in 21<sup>st</sup> Century**”.

Due to unavoidable circumstances Sri J. Murali Mohan, Chairman, IChE Amaravati Regional Centre expressed his inability to preside over the inaugural function (at the time of Endowment Lecture he was in Hyderabad) & requested Dr. C. V. V. Satyanarayana Vice Chairman, IChE ARC to preside over the inaugural function and conduct the proceedings.

Ms. B. Sucharitha third year and Ms. K. Krishnavani second year students of chemical engineering of RVR & JC College of Engineering (A) invited the guests on to the dais and requested Dr. C.V.V.Satyanarayana, Vice Chairman IChE ARC to preside over the inaugural function and to conduct the proceedings.

Ms. Vanapalli Rithija first year student of Chemical Engineering from RVR & JC College of Engineering (A) started the event with a prayer followed by lighting the lamp by the dignitaries on the dais.



Presiding over the inaugural function, Dr. C.V.V.Satyanarayana, Vice Chairman IChE ARC warmly welcomed the IChE office bearers who joined on-line, viz., Sri Thakar S Indulal, President-IChE and the Chief Guest, Sri Shashikant Pokale, Vice-president-IChE and Prof Sunil Baran Kuila, Honorary secretary-IChE, both the Guests of Honour of the inaugural function, Prof Kolla Srinivas, Principal RVR & JC College of Engineering, Prof. Krishnaiah, the distinguished speaker of the Endowment Lecture, other dignitaries, participants both on-line and off-line from different institutions including RVR & JC College of Engineering, Guntur, Vignan's Foundation for Science, Technology & Research (Deemed to be University), Vadlamudi, Guntur(Dist.), NIT AP, Tadepalligudem, RGUKT-Nuzvid, IIT-Tirupati and other places for Endowment Lecture. He read out the Chairman's message, sent by Sri J. Murali Mohan, Chairman, IChE-Amaravati Regional Centre as he was unable to attend the meeting.



Dr Satyanarayana addressed the students present in the audience as well as on-line to have confidence in themselves as they are better placed in rapidly changing global scenario, particularly with regard to sustainable development goals and more importantly with reference to sustainable energy and renewable chemicals of the future. In future there will be many changes in the energy mix, even petroleum refineries will be retrofitted and refurbished to meet the renewable chemicals demand. For this, students have to be more focused in their study and keep themselves updated on latest developments in this area. Another important thing is that chemical engineering students should broaden their knowledge on related subjects like chemistry, physics, biological sciences and even materials science. This will help them to be torch bearers and front-runners in the futuristic scenario.

The Chief Guest Sri Thakar Sunil Indulal, President, IChE inaugurated the event. In his inaugural message, he welcomed all the participants both on-line and off-line for attending 2<sup>nd</sup> Prof Venkateswara Rao Endowment lecture. He congratulated Prof Rao for instituting this Endowment Lecture and appreciated him for taking so many initiatives with regard to IChE-Amaravathi Regional Centre. In his message, he said that the products made by chemical engineering processes have been widely used in human life and the challenge is to provide the products at affordable price with their availability. He further said that opportunities exist for chemical engineers in the coming years in the growth areas such as digital transformation through AI, ML etc, sustainable bio processing techniques, hydrogen energy, fuel cells, advanced materials with nanotechnology etc. Collaboration and cross disciplinary approach will be necessary for the future growth of chemical industry.

Sri Shashikant Pokale, Vice President, IChE graced the occasion as a Guest of Honour. Congratulating Prof. M. Venkateswara Rao for instituting the endowment lecture and appreciating him for his active role both in Amaravati Regional Centre and in National council as a member, he spoke on some of the challenges for chemical engineers such as ensuring environmental sustainability, safety in chemical industries, lower productivity, keeping pace with advances in technology etc. He further said that the adversity creates opportunity to learn and we need to convert the challenges into opportunities. He spoke about changing energy scenario with regard to hydrogen based economy, fuel cells and batteries. He expressed his keenness in listening to Prof Krishnaiah, the Endowment Lecture speaker on “Chemical Engineering: Opportunities and Challenges in 21<sup>st</sup> Century.

Prof. Sunil Baran Kuila, Honorary Secretary, IChE graced the function as Guest of Honour. In his message he mentioned about his personal relation with Prof. M.Venkateswara Rao and the various activities being organized by IChE for the benefit of the chemical engineering students. He appreciated the activities being organized by Amaravati Regional Centre year-round and conveyed his best wishes for the success of the event.

Welcoming the on-line and off-line participants, Dr. Kolla Srinivas, Principal R.V.R. & J.C. College of Engineering appreciated the IChE Amaravati Regional Centre for organizing an Endowment Lecture in

the name of Prof. M.Venkateswara Rao who worked with us for about 26 years as Professor & Head, Department of Chemical Engineering and Dean Examinations. He conveyed his best wishes and support for the success of the event. He also assured that the College will cooperate to organize any academic activity by IChE ARC or IChERVRJCCE student Chapter" in future too.



Prof. M .Venkateswara Rao said that the Endowment Lecture instituted by him with the support of ARC members as one of the annual events of IChE ARC is to motivate chemical & allied engineering student community especially in Amaravati Regional Centre and expose them to the emerging technological developments and practices of Chemical Engineering and Chemical Industry. He briefly narrated about his journey from a rural background to the university level education in a city, the social and technological challenges he faced and how he overcame them. It is with this background, he said, that he intended to institute an annual endowment lecture and the students must be exposed to the advanced technological developments in chemical engineering at regular intervals through this lecture. He also expressed his gratitude to all guests for gracing the occasion and the distinguished speaker Prof. K.Krishnaiah for accepting to deliver the Endowment Lecture. Before introducing the distinguished speaker Prof. K. Krishnaiah to the audience, Dr. V.Govardhana Rao, former professor IIT Bombay and immediate past Chairman, IChE ARC highlighted the contribution of chemical and pharmaceutical industries to the national economy and the opportunities that exist to the chemical engineers in the light of some of the incentives provided by the government in the manufacturing sector. He further said that India has emerged as the 3<sup>rd</sup> largest eco system for innovation and startups and there are ample opportunities for successful startups in various sectors including agriculture. Chemical engineering and chemistry is going to play a key role in the 21<sup>st</sup> century in the context of global warming and mitigating its effects. The energy transition from fossil fuels based economy to hydrogen economy would create a lot of opportunities, but also poses challenges that include large scale infrastructure for refilling stations, cost of hydrogen production, storage and transport, various kinds of electrolyzers to produce hydrogen, different kind of fuels cells which can be operated in a temperature range between 160 to 1000 °C. He advised the students that they should have sound knowledge in the relevant subject to face these challenges and this is possible only with hard work, sincerity and commitment during their studies.

Later Dr. Govardhana Rao introduced the distinguished speaker Prof. K. Krishnaiah to the audience saying that Prof. Krishnaiah is a good friend of him since the days of doing Ph. D at IIT Madras during 1975-79 and it is great privilege for him to introduce him to the audience. H said that he is very sincere, industrious and devoted to the work. His illustrious career spanned about 40 years and made significant

contribution to the institutes he worked for and to chemical engineering department at IIT Madras in particular as a teacher, researcher, administrator in the capacity Head of the department, Dean, Academic Research, Vice Chairman, and Chairman for GATE, Chairman, Centre for Continuing Education, Advisor/Mentor, Dean Academic Affairs of IIT Tirupati etc. He earned a reputation of one of the best teachers in the Institute and was awarded the inaugural Srimathi Marti Annapurna Gurunath award for Excellence in Teaching in 2012. He published and presented over 110 scientific papers in various journals and guided 17 Ph.D and numerous M.Tech/ M.S students to earn their degrees. He was honoured with “Lifetime Achievement Award” by Vellore Institute of Technology University in 2016 for his contributions to the profession of chemical engineering and was also presented Eminent Engineer Award 2018 on the occasion of 158<sup>th</sup> birthday celebrations of Bharat Ratna Sir Mokshagundam Visveswaraya. Lastly Dr. Govardhana Rao warmly invited Prof. Krishnaiah to deliver the 2<sup>nd</sup> Endowment Lecture of Prof. M. Venkateswara Rao saying that we are very much privileged to have him today as the speaker for this lecture.

Delivering the Endowment Lecture Prof. Krishnaiah systematically introduced the evaluation Chemical Engineering from basic sciences during the period 1915 to 1990. His lecture covered the following:



Progression of chemical engineering as a lag phase until 1915, accelerating growth phase from 1915 to 1960s, exponential growth phase from 1960s 1990s and expected to be an exciting phase in 21<sup>st</sup> century. During lag phase before 1915 an industrial chemist with some expertise in mechanical engineering used to design plants to produce industrial chemicals. The 1<sup>st</sup> book on chemical engineering titled “A Hand book of Chemical Engineering” was written by George E Davis in 1901 and the concept of unit operation was first presented in that book.

During accelerating growth phase, based on the years of lecture notes, a text book “Principles of Chemical Engineering” was written by Walker et.al. in 1923. Formal education in chemical engineering was begun in MIT by Arthur D. Little in 1915 and the term “Unit Operation” was coined by him. During this time, the core of the chemical engineering is centered around on Unit operations: heat transfer, mass transfer and momentum transfer comprising of only physical operations and on Unit Processes comprising of chemical reactions. However, unification of most of the common steps in unit operations such as distillation, absorption, adsorption etc for the design purpose was more successful than the unification of the chemical reactions under unit processes. As a result, chemical reaction engineering was born in 1950s and the term

chemical reaction engineering was coined by J.C. Vlughter during 1<sup>st</sup> European symposium in 1957. The research work until 1960s was based on empiricism and the correlations for unit operations and unit processes were developed from the experimental data.

With the advent of the book on Transport Phenomena by Bird, Stewart and Lightfoot coinciding the exponential growth phase of chemical engineering put more emphasis on understanding the basic principles of unit operations with advanced scientific basis from the study of physics and mathematics. During the phase from 1960s to 1990s, unit operations, the principles of transport phenomena, chemical reaction engineering taken together had become unique knowledge base for chemical engineering and dissolved the boundaries between the disciplines. Further the classical name of Chemical Engineering has been extended to Process Engineering to describe all processes involving the treatment of physical, chemical or biological materials. This created a lot of opportunities to chemical engineers in other disciplines too.

In 21<sup>st</sup> century one of the focuses for chemical engineer could be understanding and developing unification principles in Molecular engineering. Molecular engineers work at the atomic and molecular levels to construct new materials, develop innovative technologies, and design novel molecules and compounds for various applications. The future challenges of Chemical Engineering will be manipulation of molecules to design catalysts, materials, drugs, nano-devices, specific chemicals with minimum steps, biomolecules such as DNA, proteins, enzymes etc., and design of production units. He gave good examples of zeolite catalyst and human and non-human mammals how a small change in the structure makes a big difference. He also listed out various grand challenges in the 21<sup>st</sup> century such as converting solar energy economically, providing energy from fusion, developing carbon sequestration methods, managing the nitrogen cycle, providing access to clean water, restoring and improving urban infrastructure, advance health informatics, engineering better medicines, reverse-engineering the brain, preventing nuclear terror, secure cyberspace, enhance virtual reality, advance personalized learning, engineer the tools of scientific discovery etc. At the end he presented Bloom's Taxonomy and cognitive domain that leads to thinking and problem-solving skills.



Overall, the lecture was very informative, inspiring and stimulating experience to the students as they may not have known how the chemical engineering has evolved as a separate discipline over the years and the opportunities that exist for them in 21<sup>st</sup> century.



At the end, Dr. Anil Kumar Banavath, Asst. Professor, Department of Chemical Engineering, NIT AP Tedepalligudem & Executive Committee member of IIChe ARC proposed the vote of thanks.

Total number of participants = 450 (350 students & faculty and 100 working professionals). The huge response of the participants across many regions of the country is the testimony how curious and enthusiastic the participants are to listen to the Endowment Lecture.

As per the feedback from the participants, Prof. K. Krishnaiah delivered a highly informative, inspiring and thought provoking lecture on “Chemical Engineering: Opportunities and Challenges in 21<sup>st</sup> Century”. The participants suggested the organizers to conduct many more events in future.

#### **4. Student Chapter Activities: one/two-day activities**

##### **RVRJCCE Student Chapter: Chemical Engineering Contest for Knockout-2024 (ChECK-2024)**

With the kind permission from the Management and Principal, The IIChe RVR&JCCE student chapter, Department of Chemical Engineering in association with IIChe Amaravati Regional Centre successfully organized a National Level Chemical Engineering Student Meet “Chemical Engineering Contest for Knockout-2024 (ChECK-2024) with the theme “**Innovative Technologies in Chemical Engineering**” consisting of Technical Paper presentations, Elocution and Group discussion competitions on 16<sup>th</sup> February, 2024. The objective of this students’ activity is to provide a forum for promoting the interaction and improving the competency among the students of Chemical and Allied Engineering fraternity.

##### **Number of participants from various Colleges is 116**

At 10.00 a.m. the program began with welcoming the participants and judges by Ms. B. Sucharitha, III/IV B. Tech Chemical Engineering student. Dr. C.V. Subrahmanyam, Prof. & Head, Department of

Chemical Engineering has given the welcome message. The Convener Dr. K. Ramesh Chandra and all the faculty of Chemical Engineering Department were present in the student meet.

After the welcoming session, at 10.30 a.m., the parallel Technical Paper Presentations I & II were organized.

Judges for Technical Paper presentations

- 1) **Prof. P. Bangaraiah**, Professor, VFSTR University, Vadlamudi, Guntur.
- 2) **Sri Mindi Ramakrishna**, Asst. Professor, RGUKT, Nuzvid.

Number of participants in paper presentation event is **28**

#### Prize winners in Paper presentations

S.No.	Name of the Student	Name of the College	Prize	Amount Rs.
1.	G.Jagadish V.Uday Kiran	VFSTR, Vadlamudi, Guntur	I	3,000/-
2.	S.Srinivasa Rao B.Pavan Sai	R.V.R.&J.CCE(A), Guntur	II	2,000/-
3.	G.Lakshmi Tirupathamma	CHIPS, Guntur	III	1,000/-
4.	Kottavalasa P.C Rama Naidu	R.V.R.&J.CCE(A), Guntur	Consolation	---

At 01.00 p.m., the group discussion competition was conducted.

Judge for Group Discussion competition

**Dr. D. Rajani**, Asst. Prof., M & H department, RVR&JC College Engineering (A)

Number of participants in group discussion event is **22**

#### Prize Winners in Group Discussion

S.No	Name of The Student	Name of the College	Prize	Amount Rs.
1.	P.Tharun	CHIPS, Guntur	I	3,000/-
2.	D.Bhanu Prakash	VFSTR, Vadlamudi, Guntur	II	2,000/-
3.	G.Srikanth	R.V.R.&J.CCE(A), Guntur	III	1000/-
4.	S.Jagadeswari	VFSTR, Vadlamudi, Guntur	Consolation	--

At 3.00 p.m., the Elocution competition was conducted.

Judge for Elocution competition

**Dr. K. Sudhakar**, Asst. Prof., M & H department, RVR&JCCE

Number of participants in elocution event is **26**

#### Prize Winners in Elocution

S.No.	Name of The Student	Name of the College	Prize	Amount Rs.
1.	S.Jagadeswari	VFSTR, Vadlamudi, Guntur	I	3,000/-

2.	S.Srinivasa Rao	R.V.R.&J.CCE(A), Guntur	II	2,000/-
3.	B.Sucharitha	R.V.R.&J.CCE(A), Guntur	III	1000/-
4.	R.Lemuel	RGUKT, Nuzivid	Consolation	--

The prize distribution ceremony was started at 04.30 p.m. After getting feedback from the participants, the Elocution judge Dr.K. Sudhakar, Dr.C.V. Subrahmanyam, Professor & Head, Dept. of Chemical Engg., Dr.K. Ramesh Chandra, Convener, ChECK 2024 and all other faculty of Chemical Engineering Department have distributed the certificates and prizes for the winners of various events.

Closing the proceedings **Dr. K. Ramesh Chandra**, Convener, ChECK 2024, thanked the Management of RVR&JC College of Engineering (A) for readily accepting the proposal and providing necessary financial and moral support and to the Principal **Dr. Kolla Srinivas** for his encouragement & guidance and the Staff & Students of Chemical Engineering Department for their services rendered. The convener conveyed his sincere thanks to all the Judges and participants for making the event a successful one. He also expressed his sincere thanks to all the Managements and the Principals of other Colleges for their active support in sponsoring the students. He expressed his gratitude to the organizing committee members especially the Chairman, IChE ARC **Sri J. Murali Mohan** for his invaluable support. He expressed his sincere thanks to all the members of IChE-ARC for their valuable suggestions and support for successfully organizing the event. Finally, the convener expressed his thanks to all those who supported the programme directly or indirectly for the success of the student meet.

## 5. Guest Lectures Organized

### a) RVRJCCE Student Chapter

S. No.	Name of the Speaker & Designation	Date	Topic	Address
1.	Teerdhankara Satya Avinash Raja Production Engineer	14-06-2023	Chemical Engineer role in Refinery	IOCL, Gujarat Refinery, Vadadara Gujarat.
2.	Dr.C.V.Nageswararao Associate Professor	01-09-2023	Process Simulation using DWSIM	Department of Chemical Engineering Gayatri Vidya Parishad College of Engineering(A) Madhurawada Vishkhapatnam-530 048
3.	Dr.Ch.Anil Associate. Professor	27-09-2023	Simulations software usage for chemical engineers	Dept. of Chemical Engineering <b>Anil Neerukonda Institute of Technology &amp; Sciences</b> Sangivalasa - 531162 Bheemunipatnam (Mandal) Vishakapatnam (District) Andhra Pradesh,
4.	Dr.T.Sunil Kumar Associate. Professor & Head	31-10-2023	Scope of Chemical Engineering in Industry	Dept. of Chemical Engineering Indian Institute of Technology, Tirupati, <i>Yerpedu – Venkatagiri Road, Yerpedu Post, Tirupati District, Andhra Pradesh. Pincode - 517619</i>

5.	K. Yeswanth Krinshna Result driven Support DevOps Executive Engineer	23-11-2023	Employability Skills	TCS, Brigade Bhuwalka Icon, Whitefield,Bangalore – 566006.
6.	Sri. Vamsi Krishna Somanvhi Lead Process Engineer	22-02-2024	Higher studies and employment for chemical engineers in foreign countries	Cannocare Pharma 5 Bloomsbusy Court, Bath Road, Tw595X, London.
7.	Prof. K.Vivekananda Maxillofacial Surgery	28-02-2024	Trauma Awareness Compression only life support (COLS)	Sibar Institute of Dental Sciences Guntur.

b) NIT AP Student Chapter

S. No.	Name of the peaker & Designation	Date	Topic	Address
1	Dr. Venu Borugudda Post Doctoral Fellow	19/10/2023	problem-solving and introduction to foreign studies	University of Saskatchewan, Saskatoon, Canada
2	Prof. R Mohan B NIT Karnataka	04.11.2023	Nuclear Contamination & Prevention	Nuclear Contamination & Prevention

## 6. Industrial visits Organized

a) RVRJCCE Student Chapter

S.No.	Date	Industry Visit / Tour	Class	Industries Visited
1	24-11-2023	Short Tour	B.Tech. Semester V [Third Year]	M/s. JOCIL Limited, Dokiparru Medikondur (Mandal) Guntur (Dist.) – 522 438, Andhra Pradesh

b) NIT AP Student Chapter

S.No.	Date	Industry Visit / Tour	Class	Industries Visited
1	14.03.2024	Short Tour	B.Tech. Final year students	M/s. Nagarjuna Fertilizers & Chemicals Limited (NFCL) Kakinada, Andhra Pradesh

## 7. Awards

Dr. M. Vekateswara Rao, Honorary Regional Secretary informed the members that IChE Amaravati Regional Centre is bestowed with **Second Best Regional Centre Award** for the year 2022-2023 under B Category Regional Centres. The members of AGM felt very happy and congratulated the then Chairman Dr.V.Govardhana Rao for successfully leading the team to get the award.

## C. NON – R & D ACTIVITIES

### 1. EC Meetings

With the co-operation and support of all the EC members, **Six Executive Committee meetings** have been organized during this period.

#### Details of the IChE ARC meetings

S.No.	EC Meeting	Date
1	1 <sup>st</sup> meeting	06.08.2023
2	2 <sup>nd</sup> meeting	16.12.2023
3	3 <sup>rd</sup> meeting	18.03.2024
4	4 <sup>th</sup> meeting	02.04.2024
5	5 <sup>th</sup> meeting	11.05.2024
6	6 <sup>th</sup> meeting	29.06.2024

### 2. Endowment Fund

Dr. M. Venkateswara Rao informed to the members that M/s Aditya Engineers, Hyderabad (represented by M. Hanumantha Rao and I. Tulasi Babu, both are the students of Prof. M.Venkateswara Rao) generously donated Rs. 50,000/- (rupees fifty thousand only) to the Endowment fund in the name of Prof. M. Venkateswara Rao.

All the EC members expressed their appreciation and conveyed their sincere thanks and happiness to Sri M. Hanumantha Rao and Sri I. Tulasi Babu for their generous contribution. With the addition of Rs.50, 000/-(rupees fifty thousand only) plus Rs.11,500/-(as per the National Council decision, 30% of interest on existing FD of Rs.5,50,000/- is to be fed back to the principle amount.) the total amount of the Endowment fund in the name of Prof. M. Venkateswara Rao becomes Rs.6, 11,500/- (Rupees six lakh and eleven thousand and five hundred only). Fixed Deposits (1) for Rs.5,50,000/-(12.06.2023) and (2) for 61,500/- (22.04.2024) of the Endowment fund was deposited with the rate of interest 7.0% and 4.5% respectively. After maturity date ie on 15.07.2024, the existing Fixed Deposits for Rs.5,50,000/- and 61,500/- will be deposited on 15.07.2024 (maturity date) as single Fixed Deposit for Rs.6,11,500/- (Rupees six lakh and eleven thousand and five hundred only) of the Endowment fund in the name of Prof. M. Venkateswara Rao with rate of interest as on that date.

### 3. Inauguration of IChE Amaravati Regional Centre office

We have been conducting IChE ARC executive and general body meetings in JKC College campus with the kind support of Sri Jagarlamudi Murali Mohan Secretary, Nagarjuna Education Society and Secretary & Correspondent, JKC College as it is convenient for the members to attend the meetings in the city. In response to our long and earnest request to have an office for ARC in JKC College campus, Sri Jagarlamudi Murali Mohan Chairman, IChE ARC came forward to provide an office room in the JKC College campus. The room required some renovation. In response to an appeal to raise funds for the renovation of the office, Sri Talluri Purnachandra Rao an alumnus of Andhra University Chemical Engineering Department who settled in USA came forward to donate Rs. 1,50,000/-(rupees one lakh and fifty thousand only) for the renovation of the office room. Dr. Roja Rao, an alumnus of Andhra University and settled in USA also donated Rs. 50,000/-(rupees fifty thousand only). Mr. G. Venu Babu, an alumnus of RVR & JC College of Engineering and EC member of IChE ARC came forward to donate 20 Chairs. In addition to the above contributions, the following institutions and individuals came forward to support the renovation work.

1. Sri Jagarlamudi Murali Mohan, Secretary & Correspondent, JKC College, Managing Director, Jocil Limited and Chairman, IICChE ARC
2. Sri Rayapati Gopala Krishna, Secretary & Correspondent, RVR & JC College of Engineering
3. Dr. V. Govardhana Rao former professor IITB and immediate past Chairman, IICChE ARC
4. Sri Manohar Malapati S/o of Dr. M. Venkateswara Rao, former Prof. & Dean, Examinations, RVR & JC College of Engineering and Honorary Regional Secretary, IICChE ARC
5. Dr. A. Suryanarayana former Professor, NIT Rurkela and EC member, IICChE ARC
6. Dr.C.V.V. Satyanarayana, Vice Chairman IICChE ARC
7. Dr. N. Sambasiva Rao, EC member IICChE ARC
8. Sri R. Banerjee Babu, Honorary Joint Secretary, IICChE ARC

The renovation work was completed under the supervision of JKC College management.

The office was inaugurated on 06.08.2023 by Dr Rayapati Srinivas, President Nagarjuna Education Society (NES) and former Member of Legislative Council (MLC) of combined state of Andhra Pradesh in the presence of Sri J. Murali Mohan Chairman IICChE ARC, Dr.V.Govardhana Rao former professor IITB and immediate past Chairman IICChE ARC and members of Amaravati Regional centre and well-wishers of IICChE ARC.



On the occasion of the inauguration of the office of ARC on 6<sup>th</sup> August 2023, Dr. M. Venkateswara Rao, Honorary Secretary of IICChE ARC warmly welcomed the guests, members of ARC and invites to the function. Dr. M. Venkateswara Rao warmly invited Sri J. Murali Mohan, Chairman IICChE ARC, Dr.

Rayapati Srinivas, Chief Guest and Dr. V. Govardhana Rao, Guest Honour & the immediate past Chairman of IChE ARC on to the dais and requested Sri J. Murali Mohan, Chairman IChE ARC to preside over the meeting.



Sri Murali Mohan, in his opening remarks, said that Dr. M. Venkateswara Rao was instrumental in starting IChE ARC in 2015 and since then he has been very active in conducting the activities of the centre. He appreciated his untiring efforts in organizing the meetings and enrolling students from various colleges in the purview of ARC as student members and other chemical engineering professionals as life members of ARC. Dr. Rayapati Srinivas, the Chief Guest for the function said that he is very happy to inaugurate the office of IChE ARC provided by the management of the JKC College, appreciated Sri Murali Mohan for his generous gesture and hoped that the ARC will conduct seminars, conferences useful for the benefit of the society in general and student community in particular. He also handed over a cheque for Rs. 15000/-, granted by Sri Rayapati Gopala Krishna, Secretary & Correspondent, RVR & JC College of Engineering to Sri Murali Mohan, Chairman IChE ARC.



Dr. V. Govardhana Rao, former professor IITB & immediate past Chairman IChE ARC briefly mentioned about the seminars/workshops being conducted and the awards bestowed upon the ARC over the years. He also profusely thanked all the donors for their generous donations, specifically Sri Talluri Purnachandra Rao and Dr. Challa Roja Rao for their major contributions. Sri M. Raghavaiah, a member of executive committee and Director, Srinivasa Cotton & Oil Mills Limited narrated his personal rapport with

Sri Purnachandra Rao, his personal and professional achievements and his exemplary philanthropic activities in USA and in India. He also remembered his association with Dr. Roja Rao.



Dr.M. Venkateswara Rao former Professor in Chemical Engineering & Dean Examinations RVR& JC College Engineering and Honorary Regional Secretary, IChE ARC narrated in detail the roll of Sri Jagarlamudi Murali Mohan, Dr. V Govardhana Rao, RVR & JC College of Engineering and Jocil Limited for the growth of IChE ARC. He expressed his gratitude to the JKC College Management, particularly Sri J Murali Mohan Secretary & Correspondent JKC College and Chairman IChE ARC for providing the office room, to Sri Talluri Purnachandra Rao, Dr. Challa Roja Rao, Dr. Alapati Suryanarana, Dr V. Govardhana Rao, Dr. C.V.V. Satyanarayana, Sri G. Venu Babu, Sri R. Banerjee Babu, Dr. N. Sambasiva Rao, and Manohar Malapati for their contributions and all those who supported directly or indirectly to renovate the office room and proposed the vote of thanks.

#### 4. Income – Expenditure statement for Renovation of IChE ARC office room

Income-expenditure related to the ARC office renovation (provided by JKC College Management, Room No. 89, 3<sup>rd</sup> floor, JKC College Main Building).

##### Income:

S.No.	Name of the Contributor	in Rs.
1	Sri Talluri Purnachandra Rao, USA	1,50,000.00
2	Dr. Challa Roja Rao, USA	50,000.00
3	Sri Jagarlamudi Murali Mohan, Chairman IChE ARC	25,000.00
4	Sri G. Venu Babu EC member, IChE ARC	16,400.00
5	RVR & JC College of Engineering	15,000.00
6	Dr. V. Govardhana Rao, immediate past Chairman IChE ARC	10,000.00
7	Dr. A. Suryanarayana, EC member, IChE ARC	10,000.00
8	Dr.C.V.V. Satyanarayana, Vice Chairman IChE ARC	10,000.00
9	Dr. N. Sambasiva Rao, EC member IChE ARC	8,600.00
10	Sri R. Banerjee Babu, Honorary Joint Secretary, IChE ARC	8,000.00
	<b>Total</b>	<b>3,03,000.00</b>

In addition to the above, Manohar Malapati S/o Dr. M. Venkateswara Rao Honorary Regional Secretary, IChE ARC donated one laptop worth of **Rs.40,000/- (approximately rupees forty thousand only)**

**Expenditure:**

<b>S.No.</b>	<b>Item</b>	<b>Expenditure in Rs.</b>
1.	Electrical materials from Sri Venkata Sai Agencies (Bill No.SVSA/23-24/218 dated 06.07.2023)	63,768.00
2.	Labour charges related to Electrical work dated 30.07.23	15,000.00
3.	Labour charges related to Painting work dated 30.07.23	3,289.00
4.	False roofing work 30'x20' = 600 square feet (Rs.65 per sq. feet) Bill No. nil dated 30.07.23	39,000.00
5.	Office table with four visitor chairs (Bill No.52 from Lakshmi Enterprises dated 02.08.2023)	28,600.00
6.	Moulded Chairs Nilkamal (Bill No.53 from Lakshmi Enterprises dated 03.08.2023) 20 X 820 = Rs 16,400	16,400.00
7.	Pantum Printer, model M 6518, SL No. CJ9S01380 (Bill No.382 from Digi Computer World dated 04.08.2023)	14,000.00
8.	Two visitor chairs and round glass (Bill No.72 from Lakshmi Enterprises dated 20.09.2023)	9,950.00
9.	Office tables ( 4ft x 2ft six numbers and 6ft x 2ft one number (Bill No.40 from Saqib Industries dated 27.09.2023)	35,306.00
10.	Window curtains cloth (Bill No.6 from Sri Sai Interiors dated 03.11.2023)	11,000.00
11.	Two split ACs Voltas INV/ACIT 123 V VTPL Marvel 4A 3S [Bill from Infiniti Retail Ltd (Croma, Guntur)] dated 02.12.2023)	64,684.00
12.	ACs installation charges (outer stands)	2,000.00
	<b>Total</b>	<b>3,02,997.00</b>

In addition to the above contributions for the renovation of office room, following persons also donated for the IChE ARC to meet day to day expenditure:

<b>S.No.</b>	<b>Name</b>	<b>Amount in Rs.</b>
1	Sri P. Basava Purnaiah (student of Prof. M.V.Rao)	5,000/-
2	Dr. M. Venkateswara Rao	5,000/-

All the EC members expressed their appreciation and conveyed their sincere thanks and happiness for their contribution.

#### **5. Renewal of IChE ARC Website: <http://iichearc.org.in>**

Website related to IChE Amaravati Regional Centre was hosted during the year 2022-23 and renewed for the years 2023-24 & 2024-25. The website has been updated for the years 2023-24 & 2024-25 with the information related RC Executive Committee meetings, newly enrolled life members and student members, events organized by RC & student chapters etc.

#### **6. Updating the database of the IChE Members with details**

We have received a letter from IChE headquarters on 26.03.2024, requesting all Regional Centres to initiate a drive for update the Membership Database of their respective Regional Centres. In addition to the letter cited above, we have received the detailed information related to members of IChE ARC from headquarters on 10.04.2024. Every year we are uploading the updated information related to the RC members in the IChE ARC website and forwarding the same to the headquarters along with AGM report. For the year 2023-24, the member's information received from the headquarters was circulated to all the members and requested them to update their information as required by the headquarters. Efforts were taken to get the information by contacting them on phone and also by

email wherever required. The updated information forwarded to the headquarters on 02.05.2024 and we will also forward same to headquarters along with AGM report in July, 2024.

## 7. Enrollment of IChE Life Membership

The following 31 members were enrolled as IChE life members from ARC during 2023-24

1. LM-73630 Mr. M Sudhershnan Reddy
2. LM-73631 Mr. VAY Srinivas
3. LM-73632 Mr. T Polireddy
4. LM-73637 Mr. V John Wesly
5. LM-73638 Mr. Brahmachary Guddoji
6. LM-73639 Mr. Sreeram Haribabu
7. LM-73642 Mr. M.Venkata Ramaiah
8. LM-73643 Mr. M. Anjaiah
9. LM-73652 Mr. K. Sridhar Prasad
10. LM-73662 Mr. Mohammad Reaz
11. LM-73663 Mr. Kiran Kumar Mahamkali
12. LM-73674 Mr. V.Ranga Rao
13. LM-73675 Mr. Kuralla Srinivasa Rao
14. LM-73676 Mr. K. Umamaheswara Rao
15. LM-73677 Mr. M.Ramesh Naidu
16. LM-73682 Mr. K.Prabhakara Rao
17. LM-73683 Mr. B. Ramanjaneyulu
18. LM-73684 Mr. NRK Prasad
19. LM-73686 Mr. T. Srinivasa Rao
20. LM-73703 Mr. I. Hatti
21. LM-73704 Mr. N. Murali
22. LM-73705 Mr. C. Rama Krishna
23. LM-73706 Mr. V. Ravi Kumar
24. LM-73710 Dr. S. Vidyadhara
25. LM-73711 Dr. N. Madhavi
26. LM-73717 Dr. Jogi Ganesh Dattatreya Tadimetri
27. LM-73718 Mr. Biju George
28. LM-73719 Mr. Venkata Rao Chukkapalli
29. LM-73720 Mr. Singa Rao Kari
30. LM-73721 Mr. Saju Mathew
31. LM-73722 Dr. Sivanarayana Kandimalla

With this, I submit the annual report together with the income expenditure statement cum balance sheet for the financial year 2023-24 for approval of esteemed members of Indian Institute of Chemical Engineers, Amaravati Regional Center.

Thank you one and all



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