



A Report on IChE Student Chapter Activities

About RGUKT Basar:

Rajiv Gandhi University of Knowledge Technologies Basar (RGUKTB) well known as IIIT BASAR is a unique university which uses Information and Communication Technology (ICT) in teaching and it is the first of its kind in the country. Established by Government of erstwhile Andhra Pradesh vide Act 18 of 2008 (now adopted by Govt. of Telangana State, vide G.O. MS. No. 29, dated 17/12/2014). The primary objective of establishing RGUKT was to provide high quality educational opportunities for the aimed rural youth of the state. The initial goal was that at least the top 1 % of the rural graduates would be given the opportunity to study at RGUKT.

This institute provides an ambience of excellence for the pursuit of knowledge leading to B. Tech degrees in different branches of Technology. The students are admitted in the merit order of their performance in class X with a reservation given for rural students and mostly from meritorious top 1 percent of graduates from rural high school of Telangana and Andhra Pradesh. Once a student is admitted in the 6-year Integrated programme comprises of 2-Year Pre-University Course and 4-Year B. Tech Course, the University takes the full responsibility of his/her all – round development viz. academic, technical and cognitive development as well and prepares him/her to meet the challenges of his/her future endeavors.

Having an objective to provide high quality Engineering Education to the rural meritorious youth of Telangana State who are social and economically backward, the University is now a home to 135 faculty members, 120 non - teaching staff, 60 out sourcing staff and 7000+ merit students. The university comprises of three Academic blocks with more than 120 ICT equipped class rooms, well – equipped laboratories, two well-furnished libraries with more than 7,00,000 volumes, three boys' hostels and three girls' hostels and three messes to provide the quality and nutritious food.

About IChE

In order to spread the chemical engineering education and foster the interest among the profession, Dr. Hira Lal Roy, the great visionary and pioneer of chemical engineering education in India, along with few other stalwarts took a nascent initiative by forming a forum for chemical engineers known as Indian Institute of chemical engineers (IChE) within the country. A modest beginning was made on 18 May 1947 in a room of Jadavpur University, Kolkata, with 30 members, little fund and nominal infrastructure.

The IChE has come a long way since. Today, with around 15,000 members on its roll, the Institute has emerged as the apex professional body of chemical engineering professionals in India and has developed a distinct profile of its own which is ever-changing. The activities of the Institute are spread across the country through its 33 Regional Centers and 58 Student Chapters, apart from the HQ located at a five-storied building of its own at the Jadavpur University campus. The Regional

Centers promote and complement the activities and objectives of the Institute within their respective territorial limits, by organizing meetings, conferences and seminars; arranging workshops, refresher courses and counseling sessions; promoting research; guiding chemical engineering students in career planning; and initiating any other activities which are of social, technical and professional relevance to their members. The Institute publishes a quarterly journal, the Indian Chemical Engineer (ICE), which has been the Institute's main organ since 1959. Comprehensive Assessment of Management of Municipal Solid Wastes in Kolkata, Study on Improvement of Quality Management System at Naihati Works of Jenson & Nicholson (India) Ltd, pilot scale experiments on Membrane-based Techniques in Desalination of Brackish Water, fruit juice concentration, etc falls under The spectrum of R&D projects undertaken by the Institute in recent times.

The Annual Session of the Institute, popularly known as the Indian Chemical Engineering Congress (CHEMCON), is the most important event in the calendar of the IChE as well as it is organizing SCHEMCON (Students' CHEMCON) annually since 2005 to encourage the chemical engineers of tomorrow to come out with innovative and inventive ideas as well as to boost their self-confidence. The Institute maintains close association with number of professional bodies at home and abroad. Post-globalization, the IChE has embarked on a number of initiatives to become part of a wider network of inter-disciplinary forums and to be more visible in the international chemical engineering circuit.

IChE College Level Competitions:

Indian Institute of Chemical Engineers – Hyderabad Regional Centre (IChE – HRC) Student Chapter activities comprise the competitions at the college level followed by an inter-college competition. The competitions are Model Making Competition, Essay Writing, Elocution and Technical Quiz. Winners shall receive cash prizes along with Certificates of Appreciation during the Annual General Body Meeting of IChE-HRC. Inter college competitions (Essay Writing, Elocution, Technical Quiz and Scientific model making) will be conducted during the month of June 2022.

Minutes of the Meeting:

As per the instructions from the IChE HRC, Department of chemical Engineering RGUKT Basar decided to conduct college level competitions. Mr. Srikanth Kutla, assistant professor in dept. of chemical engineering and IChE Basar chapter coordinator, called for a meeting on 20th April 2022 to discuss the event dates, rules and regulations. Department faculty along with Mr. P. haribabu, head of the department gave the useful suggestions pertaining to the essay writing, elocution topics and the subjects to include in technical quiz. Hod, suggested the coordinator to form a local chapter committee with students and individual organizing teams for conducting the events. Mr. B. Ramaraju suggested the coordinator to create a registration link and poster for the event. The events schedule is attached below.

Schedule of the events:

Event Name	Date	Time	Venue
Essay Writing	05 th May 2022	2:30 PM	Seminar Hall
Elocution	05 th May 2022	4:00 PM	Seminar Hall
Quiz	06 th May 2022	2:00 PM	Simulation Lab



Rajiv Gandhi University of Knowledge Technologies
Basar, Telangana



Department of Chemical Engineering

presents

Elocution

Essay Writing



Model Making

Quiz

Register here



<http://bit.ly/IICHE-RGUKTB>

Date & Time

5-6 May 2022
2:00 PM onwards

Venue

Seminar Hall
Chemical Engg Dept.

IICHe - Basar Chapter
Coordinator

K. Srikanth

Asst. Professor
Dept. of Chemical Engineering

Student
Coordinator

P. Sagar

Student
Dept. of Chemical Engineering

Rules and regulations for the events:

General Rules:

1. Team members should be the students of Chemical Engineering program with IChE student membership.
2. Only 3 members for ESSAY WRITING, 3 members for ELOCUTION, 3 members (one team) for QUIZ and 3 members (one team) for MODEL MAKING are allowed from an Institution.
3. The above student members must be selected by the faculty coordinator of IChE student chapter after conducting the competitions at the college level.
4. The student members (of any year) can participate in the above competitions by producing an approved letter of consent from the concerned Head of the Department.
5. No student should be nominated for more than two competitions for the inter-college level competitions.
6. A panel of three chemical engineers / IChE life members (faculty, industry representative, and IChE-HRC Student chapter coordinators) will evaluate. The decision of these judges will be final.
7. Winners will receive cash prize and a certificate during the annual general body meeting of IChE - Hyderabad Regional Centre. 3 prizes will be given per competition (I, II and III Prize).
8. Only one student of any college will be selected for the 1st /2nd /3rd Prizes in Essay Writing and Elocution out of the three participating.
9. Prize winning team may be nominated by the IChE-HRC to national level IChE competitions, if any.

Rules and Regulations for Ramanathan Memorial Essay Writing Competition (Sponsored by Prof. V. Gopalakrishnan)

- 1) List of topics for the competition to be conducted at the College level and inter-college level will be disclosed 30 minutes prior to the competition.
- 2) The student will be given one hour time to write about the given topic.
NOTE: A college can have its own decision about the topic for college level competition. However, topics shall be decided by the team authorized by IChE-HRC to conduct the inter-college competitions

Rules and Regulations for Elocution competition (Sponsored by Sri Allam Pandu)

- 1) List of topics for the competition to be conducted at the College level and inter-college level will be disclosed 15 minutes prior to the competition.
- 2) The student will be given 3 minutes time to talk about the given topic.
NOTE: A college can have its own decision about the topic for college level competition. However, topics shall be decided by the team authorized by IChE-HRC to conduct the inter-college competitions.

Rules and Regulations for Padmasri B.V. Raju Memorial Technical Quiz competition
(Sponsored by Dr B.V. RAJU)

1. Maximum number of participants allowed per team is three.
2. The competition includes the following topics like-
 - Basics & fundamentals of Chemical Engineering.
 - Chemical Engineering Professional standards such as TEMA, API, ANSI/ ASHRAE, NFPA, BIS, HTRI, HTFS, DIERS, ISA, OSHA, EPA, ASTM and other standards related to chemical engineering profession.
 - Academic knowledge (preferably from previous GATE questions)
 - Chemical engineering – contemporary knowledge (personalities, recent inventions, professional standards, Abbreviations, IChE Newsletters, iChemE, R&D News etc)

Rules and Regulations for Model making Competition

- 1) Maximum number of participants allowed per model is three.
- 2) Participant should bring their own material.
- 3) Only prepared models are accepted.
- 4) Assembling of the components of the models can be performed near the venue prior to the time of the competition.
- 5) Working models will get additional weightage.
- 6) Complete process model should be clearly explained.
- 7) Presentation should be for 5 minutes followed by queries for 2 minutes.

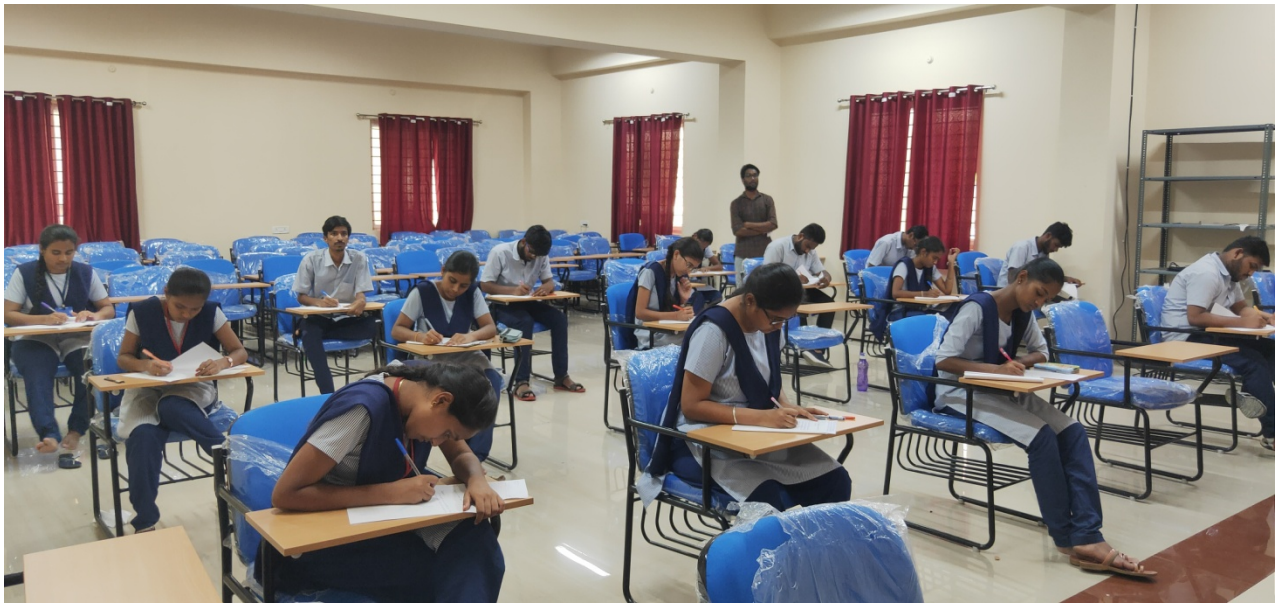
TOPICS

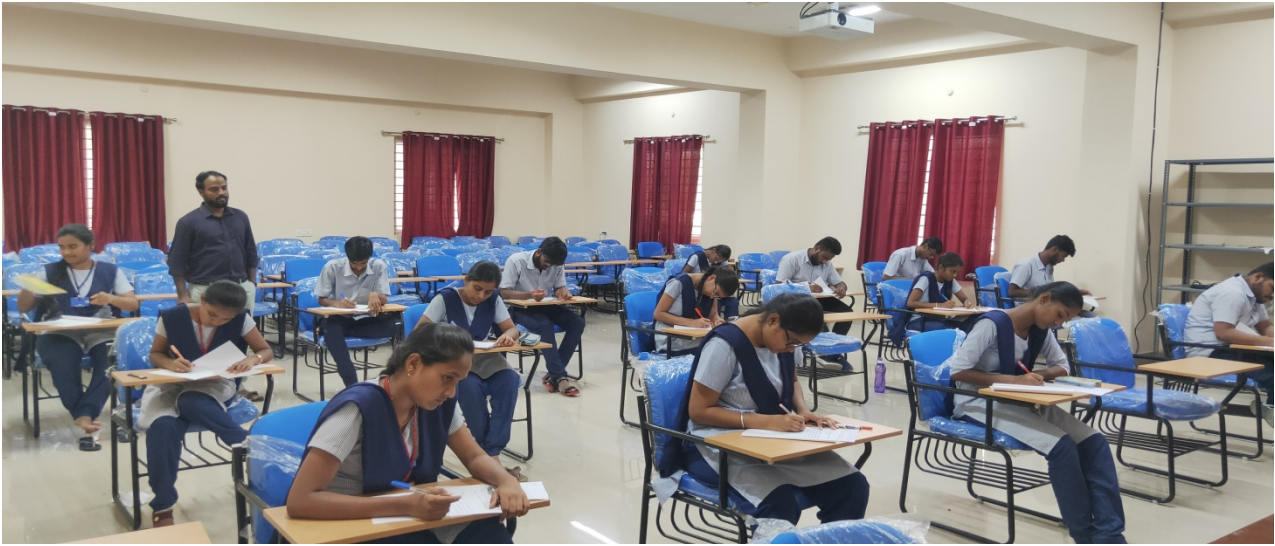
- Any chemical process
- Production of clean energy
- Compressed land filling
- Water shed management / rain water harvesting in urban areas
- Development in modern agricultural techniques
- Environmental impact and assessment
- Applications of Chemical Engineering and Technology
- AI and ML in chemical Engineering
- Any allied process

All the events were conducted successfully on the above-mentioned dates with the support of department faculty and student coordinators.

And the winners list would be forwarded to Dr. Mukunda Vani, Local chapter convener, IChE HRC.

Glimpse of Essay writing competitions:





Elocution Competitions:





Quiz Competitions:



