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EChE17-031
UG-Final Year
Male
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OBJECTIVE

Seeking a job in challenging and healthy work environment where I can utilize my Interpersonal skills and Technical knowledge efficiently for both personal and organizational growth. Inclined towards working in CGD sector of Energy domain.

Examination	Institute/Board	Year	CGPA/Percentage
Graduation	RGIPT	2017-21(Expected)	CGPA: 7.43/10.0
Intermediate/+2	Board of Intermediate Education	2014-16	97% (970/1000)
	(Telangana State Board)		
Matriculation	Board of Secondary Education	2014	CGPA: 9.7/ 10.0

HONOURS & ACHIEVEMENTS

- Awarded with the opportunity of **Teaching Assistantship due to academic excellence**
- Received honorary mention for the **poster presented on Digital transformation in Oil & Gas Industry** in freshman year which later got selected as an **article in prestigious DEW journal**
- Only student to get selected in **CGD (City Gas Distribution) training camp** for working professionals organized by Energlobe, *cleared with distinction* in the same
- Delivered a team presentation on **'How Digitalization can Help Improve Efficiency, Health and Safety in The Oil and Gas Sector'** representing *RGIPT at Federation of Indian Petroleum Industry convention.*
- Secured **All India Rank 14,271** in **JEE Advanced** among 1,50,000 aspirants (**90.5 percentile**)
- Secured **All India Rank 24,510** in **JEE Mains** among 16 lakhs aspirants (**98.47 percentile**)

INTERNSHIP & TECHNICAL PROJECTS

Online Technical Internship | Health Safety & Environment (HSE) [Jul'20-present]

Mentor: Shristi Ramanujam, Weatherford International | Platform: Eminence education

- Did an extensive literature review on the hazards and safety principles of Oil & gas sector industries
- Studied the causes and HSE aspects of major industrial disasters like Buncefield accident, Piper Alpha disaster, Bhopal Gas tragedy, Phillips 66 disaster etc.
- Developed a hazard analysis and their suggestive safety measures report based on previous accidents, near misses and through qualitative and quantitative hazard analysis.

Optimization of Packed Bed Glycol absorptive process | Short-term Project [Aug'19-Dec'19]

Guide: Dr. Umapasanna Ojha | Natural Gas Processing

- Extensively Studied flow patterns and solvent-Particulate interactions for a large range of natural gas samples against varying concentrations of Tri Ethylene glycol (TEG).
- Designed and modelled an alternative process to overcome the limitations of traditional glycol dehydration process by using a packed bed having annular porous packing during gas and liquid interaction as compared to the traditional molecular sieves' method. The flow rates and inhibitor concentration were simulated by using ASPEN Plus.

Thermal Profiling under Unsteady state | Short-term Project [Sept'18-Nov'18]

Guide: Dr. Milan Kumar | Heat transfer Operations

- Analysed the transient heat transfer properties with and without convection boundary layer conditions for multidimensional objects
- Developed a program in Excel to plot the temperature profile of a solid block under the influence of a constant heat flux in an unsteady state heat transfer condition

Sociological Impacts due to Early military transitions | Course Project

Guide: Dr. Anirban Mukherjee | Sociology & humanities dept

- Surveyed over 80 army personnel from 21 different regiments of army and navy of all age groups
- Studied the causes and effects of Post-traumatic stress disorder (PTSD). Pointed out the hurdles faced and the role of Government in military transition assistance programs

POSITION OF RESPONSIBILITY

Institute's Cultural Secretary

- Selected from 97 eligible candidates to **Lead the team of 300 students** from all disciplines of BTech, MTech & MBA for 13 months and organized 5 institute level and 2 national level events
- **Established 7 new student clubs** to encourage participation in co-curricular activities and provided a platform for young artists to polish their skills.
- Led the senate of student representatives in the absence of General secretary
- Coordinated with other student representatives and club heads to **manage 30 lakhs Institute budget** benefitting the whole student community of RGIPT

PR Head, FIPI RGIPT Student chapter

- Improved Institute's industrial outreach by organizing and inviting senior managers from oil sector giants for seminars and industrial talks under the banner of FIPI RGIPT student chapter.

Head, Graphic designing Team, FIPI RGIPT Student Chapter

- Led the team of 5 individuals talented in graphic designing
- Was promoted to lead after the sincere efforts as **graphic designer** for *International Conference on Unconventional Energy Resources*

Member, Institute Disciplinary Committee | 14 months

- Awarded with the membership to represent whole student community during disciplinary hearings

Organizing Executive, Kaltarang-2018 (Cultural Fest)

- Closed multiple deals amounting up to 0.75 lakhs from local sponsors while representing sponsorship team.
- Actively maintained the records of account transactions and also maintained events records during and after the cultural fest.

WORKSHOP AND CONFERENCES

- Represented RGIPT at Federation of Indian petroleum Industry convention 2019
- Represented RGIPT at poster presentation in Winter school 2018, A technical symposium on Digitalization of Oil & gas industry.
- Organizing member of International Conference on Unconventional Energy Resources (ICUER) under the FIPI RGIPT student chapter.
- Attended a workshop on City Gas Distribution (CGD) by Energlobe
- Attended a workshop on Artificial Intelligence and data science by KVCH through ORACLE-Workforce development program.

TECHNICAL SKILLS

- **Programming languages:** C/C++, HTML, CSS
- **Software:** MATLAB, Adobe Photoshop, Adobe Lightroom, MS Suite, AutoCAD
- **Electronics:** Arduino

HOBBIES & EXTRACURRICULAR ACTIVITIES

- volunteer as a temporary teacher for underprivileged at ARPAN (Social Club of RGIPT).
- Member of Volleyball team in Intra college volley ball matches & tournaments
- Hobbies include reading, blogging, pet keeping and photography.