



**Meruga Karthikeya**  
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**EChE17030**  
**Male**  
**B.Tech Final Year**  
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## OBJECTIVE

A highly organised and hardworking neophile looking for an organisation which provides the opportunity to improve my skills and knowledge and grow along with the organization goals.

EXAMINATION	University	Institute	Year	CPI/%
Graduation	RGPT	Rajiv Gandhi Institute of Petroleum Technology	2017-21	8.52/10
Intermediate/+2	BIE, AP	Sri Chaitanya Boys Jr. College	2015-17	96.9%
Matriculation	BSE, AP	Sri Chaitanya High School, Gosala	2015	9.8/10

## ACADEMIC PROJECTS

- **Tough Hydrogel Synthesis for applications in the fields of energy and medicine** Dec'19-Present  
Guide: *Dr. Umapasana Ojha, Basic Sciences and Humanities* RGPT  
Part of a two-member team responsible for synthesising tough single network hydrogels.
- **A Novel Gas-Oil Phase Separator Design** Aug'19-Nov'19  
Guide: *Dr. Umapasana Ojha, Basic Sciences and Humanities* RGPT  
Part of a two-member team responsible for developing a new design for a gas-oil phase separator with increased efficiency and lower manufacturing cost.

## INDUSTRIAL TRIP

- **Trip to IOCL Panipat Refinery and Petro-Chemical Complex**  
Witnessed the functioning of various units in the refinery and saw how things are coordinated and kept in check in such a huge and complex place. Got an insight into a day's life of a person at a refinery and the challenges they face on a daily basis.

## AWARDS AND ACHIEVEMENTS

- IIT-JEE Advanced 2017 qualified with **AIR 10,996** which translates to 90 percentile.
- RGPT Scholarship (**awarded to top 5% students**) eligible candidate for 2017-20.
- Awarded Tutorship of Mathematics-1 course to teach B.Tech First Year students.
- **One of the five** students to be selected from our batch to attend the **Global Natural Resources Conclave 2018**

## TECHNICAL SKILLS

- **Programming skills:** C
- **Softwares:** AutoCAD, MATLAB, Microsoft PowerPoint, Excel, Word

## POSITION OF RESPONSIBILITY

- **Joint Secretary, IChE RGIPT Student Chapter, 2020-21**
  - Structured the whole chapter to better fit its needs.
  - Came up with the course of action for the year.
- **Organizing Secretary, CARBON, 2020**
  - Headed the Event Management and Sponsorship teams.
  - Drafted the event plan of the conference and its budget.
  - Devised strategies for better publicity and sponsorship.
- **Event Manager at IChE RGIPT Student chapter, 2019-20.**
  - Drafted the annual event calendar of the chapter
  - Designed and Conducted various events and workshops
  - Coordinated all the committees for the chapter's proper functioning
- **Treasurer of RGIPT Cultural Council, 2019-20.**
  - Formulated the budgets of the various cultural events.
  - Oversaw the transparent and effective use of the funds
- **Badminton Organizing Head, RGIPT Sports Council, 2019-20.**
  - Conducted Intra-year badminton tournament
  - Drafted the fixtures of ENERGIA badminton matches
  - Oversaw the seamless execution of all the matches

## HOBBIES

- Reading books regarding personal finance, productivity, self-improvement
- Listening to podcasts on motivation and mindset.
- Travelling to new places and exploring different cultures
- Watching and Playing badminton
- Watching Anime and TV Series

## QUALITIES

- Fast Learner and Willing to improve constantly
- Punctual and have good work ethics
- High likability among peers
- Good communication skills