

Deepak Polemoni

Student / Just starting out

A passionate, enigmatic and cheerful student in search of great possibilities, challenges and voyage of exploration in the field of technology and serve the organization with the help of tools like courage and wisdom



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EDUCATION

B.Tech Mechanical Engineering
Vellore Institute of Technology, Chennai

07/2017 - Present

8.39

Telangana State Board of Intermediate Education

Narayana IIT academy

06/2015 - 03/2017

92%

Central Board of Secondary Education
GMR Chinmaya Vidyalaya

07/2014 - 03/2016

8.8

PERSONAL PROJECTS

Simulation for Public Distribution System to avoid malpractice (09/2018 - 12/2018)

- A customized software simulation used to record each and every details of supply of subsidized food to the respective shop to avoid malpractice by the government official as well as the public.

Design of Sea Water Treatment Plant (08/2019 - 12/2019)

- A layout of treatment plant of sea water with the help of multi-effect distillation pods.

Multi-feature on the wing to enhance Aerodynamic efficiency (07/2020 - 09/2020)

- CFD simulations are performed on an aero plane wing with features on it to find out perfect conditions for the wing to reach maximum efficiency

Numerical Simulation of multiphase flow and heat transfer characteristics in Pharmaceutical mixing tank

- Computational Fluid Dynamics simulations are performed on stirred tank with two- three different phases and find effects of heat transfer in the tank

WORK EXPERIENCE

Industrial Internship
Bharat Heavy Electrical Limited(BHEL)

05/2019 - 06/2019

Hyderabad, India

Industrial Internship
Simulation Lab

SKILLS

Machines: Able to handle lathe, welding and casting

Software: Ansys Workbench, Solidworks, Ansys Fluent, ICEM CFD

Languages: Basics of java and cpp programming

ORGANIZATIONS

Robotics club (12/2018 - 04/2019)

member of the club who has involved in developing mini projects , attending events and worked as an organizer for roboprix event(2018-2019)

Vibrance Vit (12/2019 - 02/2020)

Assigned as a stall committee member who has dealt with bringing up multiple stalls to the campus and worked as an organizer for the fest handling crucial works.

CERTIFICATES

Presenter Certificate in IConACES 2020

Solidworks Associate Certificate

BHEL internship Certificate

Organizer certificate of Vibrance vit

Organizer Certificate of Roboprix

Robo for Novice workshop certificate

LANGUAGES

Telugu

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency

English

Full Professional Proficiency

INTERESTS

Listening to music

Playing guitar

Playing Video games

Practicing Yoga

Cooking