

Moolchand prajapati

Personal Details

Date of birth – 13/11/1995

Gender- Male

Nationality- Indian

Address- Village- Pondi, Barbaspur, anuppur, Madhya Pradesh, India 484336

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Educational Qualifications

Course	Name of institution	Board/University	Year of passing	CGPA/Percentage
B.Tech- M.Tech (Integrated Degree)	Lovely Professional University, Phagwara Punjab	Lovely Professional University, Phagwara	2019	8.13/10 CGPA
Secondary School Certificate	Govt. H. S. School, pondi chondi anuppur	Madhya Pradesh Board	2010	72%
Higher Secondary Certificate	Govt. Boys H S School, Kotma anuppur	Madhya Pradesh Board	2012	74.56%

Internship

Designation: Trainee

Organization: Opal Engineering Corporation

Duration: June 2017 – July 2017

Description: I worked under assembly team and learn various aspects like Assembly different part of diesel engine in one assembly line. I also learnt various testing such as hardness testing and bumping testing

Projects

Title: 'Solar Car'

Organization: Robotics and Intelligent System Community (RISC)

Duration: August 2015 – December 2015

Description: We used photovoltaic solar cell that convert solar energy into electrical energy, and this electrical energy is supplied to electrical motor. Electric motor is connected with gearing arrangement that supply the required power and torque to wheel.

Thesis works

Title: 'The effects of pre and post-combustion sequestration of carbon dioxide on global warming potential'

Duration: August 2018 – May 2019

Description: as we all know that the temperature of earth is continuously increases day by day due large emission of greenhouse gases, and carbon dioxide is the main responsible gas among others, to decrease the emission of carbon dioxide we need to capture the carbon dioxide, which come from exhaust gas from coal-based power plants. I chose MEA and DEA as solvents for chemical absorption methods, and compare the best carbon capture efficiency of both solvents, at different operating condition such a different weight concentration of MEA and DEA, different flow rate of amine aqueous amine solution, different flue gas temperature and height of absorber column.

Software

- I have good command on mechanical designing software such as ZW Cad, Cero parametric2.0, Solid works and Auto cad.
- I also have basic knowledge of ansys software (Finite elements methods)
- Apart from these I also have good command on 'Aspen plus as well as ChemCad.

Subjects Skill

- Good command on mathematics subjects for ssc, railway govt exam preparation

Work Experiences

- 5 month as Mathematics faculty at E-CBSE Jalandhar, Punjab

Skill

- Friendly nature
- Fully dedicated about my work