



### EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	M.TECH	IIT Kharagpur	6.70 / 10
2021	Mechanical	Guru Jambheshwar Science and Technology University	6.01 / 10
2017	Senior Secondary Examination	C.B.S.E	68.6%
2014	Secondary Examination	C.B.S.E	68.4%

### PROJECTS

#### Design & Analysis of Pneumatic Powered Engine

Pneumatic engine utilize compress compressed air to convert potential energy into mechanical energy. Minimize energy losses device and developed useful power output. Minimize the harmful pollutant and low cost device.

#### pCO<sub>2</sub> concentration regional in india

Analysis the carbonate and ph range data last 50 years.(1970-2020) in india. Carbon Sequestration and Ocean Acidification. Nutrient Cycling and algae growth maintain proper nutrition.

### INTERNSHIPS

#### Heat Exchange Section

Rajiv Gandhi Thermal Power Plant,Hisar.Maintenance inspection every physical work done power plant.Good Exposure with Xen Sir.

#### Solidwork

Internshala Trainings, Online  
Apr 2020 - May 2020

Successfully completed a six weeks online certified training on SOLIDWORKS. The training consisted of SolidWorks-Introduction, Interface and Sketching, Applying Features and Material, SolidWorks Assembly, SolidWorks Drawing and Portfolio Building and Final Project- Air Piston-Cylinder Assembly modules.

#### Mapping of Carbon Data Indian region

CSIR-4PI,Banglore  
Carbon data analysis monthly average,yearly of 40 years data use OPEN GrADS &MS-EXCEL.  
Exposure new things about carbon data in indian region.

### CERTIFICATIONS

#### (EST)&(Aptitude& Soft Skills)

Employability skill training(EST) program (Aptitude &soft skills) held from 02-09-2019 to 15-11-2019 by T&P cell,GJUS&T Hisar,T.I.M.E under TEQIP-III(NPIU).

#### Quiz Test

V.T.C Patgaon(Maharshtra) **National Level Quiz** competition in' Automobile Engineering' during 03-10-2020 to 05-10-2020 organized by Department of Mechanical Engineering.

### SKILLS AND EXPERTISE

**Software:** MATLAB,SQL

**Programming Language:** Python

**Miscellaneous:** MS-Word, Excel, PowerPoint

### AWARDS AND ACHIEVEMENTS

#### Exam

GATE 2022-XE rank 2559 in all over india and J.N.V School get admission in 6th class 77th rank in all over district.

### EXTRA CURRICULAR ACTIVITIES

Running,Cycling,Fitness,Gardening

### COURSEWORK INFORMATION

**Core Subject:**Satellite Remote Sensing,Geophysical Fluid Dynamics,Carbon Cycle &Global Climate Change,Coastal Process,Solar Thermal Energy Engineering

**Computational:**Proability and Statistics,Linear Algebra,Calculus,Computer Programming,Data Analytics,Simulation Lab,Computational Methods.