

# AMIT KUMAR SHARMA

Indian Institute of Technology (ISM), Dhanbad

M. Tech (Machine Design) Mechanical Engineering  
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## CAREER OBJECTIVE

To find a job that helps me in improving my skills and to obtain a position that challenges me and helps me to achieve personal as well as organizational goals.

## EDUCATION

### INDIAN INSTITUTE OF TECHNOLOGY (ISM), Dhanbad

M. Tech in Machine Design, Mechanical Engineering

JULY 2018 – JUNE 2020 CGPA – 9.25

### IMS ENGINEERING COLLEGE, GHAZIABAD

Uttar Pradesh —B. Tech, Mechanical Engineering

JULY 2011 – MAY 2015 PERCENTAGE – 72.34 %

### LUCKNOW CHRISTIAN INTER COLLEGE,

Lucknow , U.P — 12th

JULY 2009 – MAY 2010 PERCENTAGE – 64.60 %

### UNIQUE CONVENT HIGH SCHOOL,

Lucknow , U.P — 10th

JULY 2007 – MAY 2008 PERCENTAGE – 63.33 %

## PROJECTS

### Analysis of laminated composite plate and its optimisation (M. Tech)

The use of composite materials in various weight sensitive structures like high speed aircraft, rocket etc., is quite popular due to their well-known attractive properties. In this project, we calculated the natural frequency of cantilevered composite plate and optimization (Maximization) of natural frequency is done using genetic algorithm (GA).

### Solar powered motorized screw jack (B. Tech)

A screw jack is a device by which the heavy load can be lifted with the application of very little force. Screw car jack is a type of the screw jack which is generally used to lift the car when it its wheel needs to be repaired. In this project we made a model in which Car screw jack is operated by solar power.

## TRAINING AND COURSE

- Summer training at Mechanical workshop N.E. RAILWAY, GORAKHPUR (U.P) during B.Tech.
- Siemens NX-UNIGRAPHICS (UG) fundamental 3D modelling course by Udemy.

## POSITIONS OF RESPONSIBILITY

- Coordinated “ROBO RACE” event in “MECH FAIR” organised by the department of mechanical engineering in IMS Engineering College.
- Coordinated LAN gaming event in “MECH FAIR”.

## ACHIEVEMENTS

- Secured AIR 2369 with 98.75 percentile in GATE-ME 2017.
- Qualified GATE examination in, 2016, 2017, 2018, 2019.

## TECHNICAL SKILLS

- NX 12, AUTOCAD
- CATIA, ANSYS
- MATLAB, MS Word.

## SOFT SKILLS

- Efficient team worker.
- Positive attitude & Self Motivated.
- Always ready to learn new things.

## EXTRACURRICULAR ACTIVITIES

- Volunteered and Participated in Blood donation camps.
- Mess coordinator of hostel in IIT (ISM) Dhanbad.

## HOBBIES

- Trekking
- Swimming
- Travelling
- Playing online games.

## DECLARATION

I do hereby declare that all the information provided above is true and best of my knowledge.

DATE : 12/12/2020.

PLACE: Lucknow