

# Shubham Chandra

I am currently pursuing M.Tech in CAD/CAM and looking for an opportunity in an organization where I can best utilize my knowledge and skills with positive attitude for company's growth as well as mine.



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## EDUCATION

### Senior Secondary School St. Karen's Secondary School

04/2010 - 05/2011  
8.4 cgpa

Patna, India

### Higher Secondary School Keshav Saraswati Vidya Mandir

04/2012 - 05/2013  
72.4%

Patna, India

### B.Tech (Mechanical Engineering) Sikkim Manipal Institute Of Technology

06/2013 - 10/2017  
8.06cgpa

Rangpo, Sikkim

### M.Tech (CAD/CAM) Vellore Institute Of Technology

07/2020 - 10/2022  
8.97cgpa

Vellore, Tamil Nadu

## CERTIFICATES

### AutoCad Training Patna

05/2015 - 06/2015

Patna, India

### Implant Production Shop (Indo-Danish Tool Room And Training Centre) Patna

05/2016 - 06/2016

Patna, India

## SKILLS

Autocad

AutoDesk Fusion 360

SolidWorks

Ansys

MS Office

Relevant Courses- Finite Element Method, Applied Vibration, Strength Of Materials

## KEY PROJECTS

Static and dynamic analysis of Aluminum Honeycomb cored carbon fiber sandwich composite structure(Master Thesis)  
(08/2021 - 06/2022)

- Fabricated the aluminum honeycomb sandwich composite structure experimentally and validated the results analytically with Ansys software.

Product Design and Management Of Compact Vacuum Cleaner  
(02/2021 - 06/2021)

- Prototype Design of Solar Vacuum Cleaner and its survey to record customer response

Dynamic Analysis Of Full Car Model Of Audi A8  
(02/2021 - 06/2021)

- Mathematically analyzing and calculating the behaviour of full car model Audi A8 on ride, performance and handling parameter.

Dynamic Analysis Of Laminated Composite Plate With/Without Graphene Particles (08/2020 - 12/2020)

- Modelled, Simulated and Obtained Natural Frequency Of Graphene With Addition Of E-glass/epoxy
- With considerable increase in weight of nano polymer composite material, tried to enhance the damping characteristics and its functional properties

Regenerative Braking System at Rail Coach Factory  
(01/2017 - 05/2017)

- Modelling, Implementation Of Regenerative System into RCF coaches. By this technique, we came to know that approx 28% of energy being conserved.

Optimization Using TOPSIS and Weighted Score Method  
(11/2016 - 12/2016)

- Evaluated Middle Range Cars with its feature and found the best suitable car from all aspects.

## WORK EXPERIENCE

SURIN AUTOMOTIVE PRIVATE LIMITED (05/2022 - 07/2022)

Working as PGET -PRODUCTION ENGINEER in Surin Automotive Private Limited, Bangalore.

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

## INTERESTS

Cricket

Fitness

Musics

Meditation

Travelling

Reading Novels