

## EDUCATION

### **Bachelor of Technology (B.Tech), Mechanical Engineering**

SRM Institute Of Science And Technology Chennai

2015 - 2019

Percentage: 86.68%

### **Senior Secondary (XII), Science**

St. Francis Senior Secondary School Bilaspur.

(CBSE board)

Year of completion: 2015

Percentage: 87.40%

### **Secondary (X)**

St. Francis Senior Secondary School Bilaspur.

(CBSE board)

Year of completion: 2013

CGPA: 8.40/10

## JOBS

### **Marketing**

67 Commerce, Chandigarh

Nov 2019 - Sep 2020

-Merchandising products on [www.shopkindly.co](http://www.shopkindly.co)

-Handling more than 6000 products on Magento 2.3

-Hands on experience of creating brands, attributes, importing products and exporting data from Magento 2.3

## INTERNSHIPS

### **Business Development Associate**

BYJU'S Think And Learn Pvt. Ltd., Pune

Feb 2019 - Apr 2019

Learned the various rigorous routines in the functioning of a high paced startup.

Learned about a novel method of teaching students by visualization of the concepts which helps students retain what they learn for a longer period of time.

### **Intern**

A.V. Motors, FIAT Dealership, Hyderabad

Jun 2018 - Jun 2018

1. Study of suspension systems, automotive maintenance and service.

2. Safety Measures at the site.

3. General routines of materials transfer and quality control.

### **Intern**

East Central Railway, Harnaut

Dec 2017 - Jan 2018

1. Routine and maintenance of railway carriages.

2. Repair of broken suspension parts and maintenance.

3. Materials used for various purposes for the carriage including body work, suspension springs etc.

### **Steel Plant**

Abha Power And Steel Limited., Bilaspur

Dec 2016 - Jan 2017

Worked on steel castings and knowing chemical composition of Indian standard steel castings and various custom steel casts

### **POSITIONS OF RESPONSIBILITY**

Co-Founder SRM i-Club, An Innovation based club at SRM University, Kattankulathur.

### **TRAININGS**

#### **Django For Everybody**

Coursera, Online

Sep 2020 - Present

Learning about http and the internet

How Django works and functionalities offered by Django and python

Proceeding to creating projects of my own. Working on creating web applications

Learning Django libraries and functionalities, on course 3 en route to complete specialization in the coming weeks.

#### **Python For Everybody**

coursera.org, Online

May 2020 - Sep 2020

- Completed a 5 course specialization on Python 3.
- Completed the specialization with 99% average grade.
- Aiming to pursue django specialization next.

#### **Race Engineering**

Prudent Motorsports, Bangalore

Sep 2019 - Sep 2019

Training course on race car engineering where I learnt new about new technologies and ways to achieve higher performance from a car to perform well in a race weekend. Was praised for my good understanding of theoretical concepts and vehicle dynamics.

#### **Python Programming For Beginners**

iit bombayx , Online

Jul 2018 - Nov 2018

Underwent online course for python as a part of college academics. Received certificate and satisfactory evaluation.

#### **SolidWorks**

SRM UNIVERSITY, Chennai

Jan 2017 - Mar 2017

Assembly of major mechanical joints and part modelling using 2D chart drawings of parts. Effective use of simulation for analysis.

Used Solidworks 2018 FEM, Motion Study and simulation during Major project.

#### **CATIA V5**

ARENA ANIMATION, Bilaspur

Dec 2016 - Jan 2017

Received certificate for catia v5. Practiced part modelling, assembly, surfacing and drafting of the assembled components and parts. Rich knowledge of concepts of engineering drawings.

### **Autocad**

SRM UNIVERSITY, Chennai

Jul 2016 - Sep 2016

Learnt about making various assembly drawings and projection drawings. Various commands of the software was known and executed

## **PROJECTS**

### **Optimization Of Ring Casing Of Torque Enhancer For Hybrid Vehicles**

Jun 2018 - Jul 2019

Extension of our previous project involving the Torque Enhancer. An Optimization study to obtain optimum thickness of the carrier plate and ring casing. The 3D modelling and simulation is carried out in SOLIDWORKS 2018.

### **Design of Torque Enhancer for Hybrid Vehicles using Planetary Gears.**

Oct 2018 - May 2019

A novel design for hybrid vehicles powertrain. It works by providing the sum of RPMs and Torque from a Electric motor and an Internal Combustion Engine at the wheels. The entire design is made on Solidworks 2018. Publication in IJRTE 2019 VOL-8.

### **Solar Cooler**

Jan 2018 - May 2018

Manufactured a wooden structure for making a solar powered cooler. The cooler consists of a solar panel and a battery along with fans and hay for cooling air. Future applications in cooling homes and rooms in remote areas.

### **Hexacopter fabrication**

Jul 2016 - Oct 2016

Made a hexacopter using bars of aluminum and Arducopter flight controller. DX 8 transmitter and reciever was used for the control of the copter.

### **Logic gates**

Feb 2015 - Apr 2015

Logic gate fabrication such as a led light switching ON and OFF at different configuration using a battery and LED lights.

## **SKILLS**

### **AutoCAD**

Intermediate

### **English Proficiency (Spoken)**

Intermediate

### **SolidWorks**

Advanced

### **Python**

Advanced

### **MS-Word**

Intermediate

### **Catia**

Advanced

### **ANSYS**

Intermediate

### **Django**

Intermediate

#### ADDITIONAL DETAILS

Attended a One Day Industrial visit to ISRO (Indian Space Research Organisation) Launch Pad at Shri Hari Kota on 10th March 2017.

Presented paper entitled "Design of Torque Enhancer for Hybrid Vehicles using Planetary Gears" on research day held on 28th February 2019 at SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu.

Published a paper entitled "Design of Torque Enhancer for Hybrid Vehicles using Planetary Gear" in International Journal of Recent Technology and Engineering, May 2019 Vol - 8.

Received certificate of merit for scoring 99 out of 100 in physical education class 12th boards

Represented School football team in Round of 16 in CBSE Cluster Football West Zone meet.

Participant with school team in Navbharat Football Tournament.