

## LAVESH GOYAL

B.Tech. Mechanical Engineering  
UG (III Year II Semester)  
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Registration No:  
B.Tech./ME/18117049/2021

Indian Institute of  
Technology  
Roorkee



### Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2021	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	7.4
2018	Twelfth	S R INTERNATIONAL ACADEMY NADBAI BHARATPUR RJ	92.2 %
2016	Tenth	DELHI PUBLIC SCHOOL NR SEWAR BRIDGE BHARATPUR RJ	10.0

### Projects

**Determining the Torsional Stiffness of Car-Chassis** | Department of Mechanical and Industrial engineering, IIT Roorkee  
August-November 2019

- Designed the complete chassis of the car on Solid works 2018 and then analyzed the forces acting on it while in strain with the help of Ansys 19.2 under the guidance of the professor Abhinash Kumar Swain.
- By analysis, we determined how the stability of the car is dependent on the torsional stiffness of chassis.

### Awards / Scholarships / Academic Achievements

- JEE Advanced 2018 Rank: 1832
- JEE Mains 2018 Rank: 2660

### Skills

Computer languages C++, HTML, CSS, JavaScript  
Software Packages AutoCAD, Adobe Illustrator, SolidWorks, MS Office (Word, Excel, PowerPoint)  
Additional Courses Taken HSS-01 Economics  
Languages Known English (SRW), Hindi (SRW)

### Positions of Responsibility & Extra Curriculars

**Designer | ASME IIT Roorkee Chapter**

2019-2020

- Designed many posters for the group
- Organized various events for group

**Volunteer | Cognizance (Annual Technical Festival, IIT Roorkee)**

2019

- Worked as Volunteer of Armageddon (Inter-Collegiate Combat Robotics Championship) during the event.

**Designer | National service scheme**

2018-2019

- Designed many posters as 'Design cell' for various NSS events.
- Volunteered Blood Donation camp