

KEY PROJECTS AND INTERN

- **XLR8** 2019
Electronics and robotics club | IIT Bombay
 - Working in a team of 4 to built a **Bluetooth controlled car** to overcome an obstacle path.
 - Implemented the electrical and mechanical sub-system of an RC car using the differential steering mechanism.
- **RC Plane** 2019
Aeromodelling Club | IIT Bombay
 - Was in a **team of 4** who made its own **remote controlled plane**.
 - Learnt about the aerodynamics and materials used to **optimise** the performance of the aircraft.
- **Bone regeneration via 3D-Printing** 2021
Course Project | Department of Mechanical Engineering, IIT Bombay
 - Researched and studied various technology used in Bone regeneration.
 - Presented an extensive study of materials, processes and advantages involved bone manufacturing via 3D Printing.

TECHNICAL SKILLS

- **Web development:** HTML | CSS | Javascript
- **Mechanical:** SolidWorks | Autocad(2D) | Camotics | CNC simulator
- **Programming Languages:** C/C++ | \LaTeX | Python
- **Other:** Adobe Premier Pro | Audacity | Ms-office

POSITIONS OF RESPONSIBILITY

- **Creative and Media Convener | Institute Technical Council, IIT Bombay** 2020-2021
 - Responsible for managing the publicity of 50+ events to promote Technology culture among students.
 - Coordinated with various **Tech-Team** under ITC in Media and publicity works.
 - Worked on **Rhythmic typology**, **Horizonal bar chart animation**, **Survey collected videos**, **Typewriter effects** etc.
- **Media-PR coordinator | Abhyuday, IIT Bombay** 2020-2021
 - Mentored group of 100+ college representatives(CR) all over the country in CR program
 - Ideated to organise Abhyuday 2020-2021 virtually for the first time.
 - Managed media partnership deals with different media houses to extend reach etc.
- **Coordinator at Hospitality and Public Relations | Mood Indigo IIT Bombay** 2020-2021
 - Coordinating with 100+ colleges heads all across the country to publicize 100+ events and competitions of Asia's Largest College Cultural Fest.
 - Responsible for publicising and organising Events, Competitions and Workshops through College Representatives.

KEY COURSES UNDERTAKEN

Dept. Courses	Solid Mechanics Fluid Mechanics Thermodynamics Structural Material Manufacturing Process Mechanical Measurement Fluid Mechanics Lab Solid Mechanics Lab Manufacturing Practice Lab
Additional	Micro/Macro Economics Computer Programming and Utilization Introduction to Electrical and Electronics Circuits Numerical Analysis Engineering Graphics and Drawing

EXTRA CURRICULAR ACTIVITIES

- Completed an intensive one year long course in **National Cadet corps(NCC)**, **2019-2020**
- Lectured and mentored a class of 40+ students guiding future aspects of Mumbai Municipal's School.
- **Gone through 10 days Annual training camp** involving Drill session, Rifle shooting, sport sessions
- Represented Team 'Bravo' in Dance and Singing Competition in General Championship and ATC camp for NCC