



Ankita

Roll Number : 180103012
B.Tech - Mechanical Engineering
Indian Institute of Technology,Guwahati

+91-8290444980
ankitachaudhary@gmail.com
ankita18a@iitg.ac.in
linkedin.com/in/ankita-matwa-454923176

Education

Year	Degree / Certificate	Institute / Board	CGPA/Percentage
2018 - Present	B.Tech	Indian Institute of Technology, Guwahati	7.70 (Current)
2017	Senior secondary	CBSE board	82.0%
2015	Secondary	CBSE board	10.0

Projects

- Robosoccer*** ongoing
Designing and mentoring three manual/autonomous robots i.e. one STRIKER,one DEFENDER and one GOALIE,competent enough to participate in the soccer match.
** This project is for Technoxian,World Robotics Championship,2020.*
- Beam Analysis** Nov. 2019
Under the guidance of Subramani Kanagaraj, Professor, Dept. of Mechanical Engineering,IIT Guwahati .
Analysing beam bending stress and strain using MATLAB software.
- RC Plane** Sept. 2019
Designing remote control airplanes using arduino programming.

Technical skills

- Programming languages :** C++, C, Python*
 - Web technologies :** HTML, CSS(Cascading Style Sheets)
 - Database management :** mySQL*
 - Microcontrollers:** Arduino
 - Operating system :** Windows, Linux*
- * Elementary proficiency*

Positions of Responsibility

- Member(2019-present),Robotics Club,IIT Guwahati
- Organizer,Public Relations and Branding, Techniche 2019 (the annual techno-management festival of IIT Guwahati)
- City representative,Sikar(Rajasthan), Technothlon 2019

Achievements

- Joint Entrance Examination 2018(Main) :** Secured All India Rank 3060(obc) among 0.20 million candidates appearing for the test.
- Joint Entrance Examination 2018(Advanced) :** Secured All India Rank 3249(obc) among 0.15 million candidates appearing for the test.

Key courses taken

- Machine Learning(udemy)
- Deep Learning(coursera)
- Web Development(coursera)
- Introduction to computing
- Manufacturing Technology
- Solid Mechanics
- Fluid Mechanics
- Kinematics of Machinery

- Real and Complex Analysis
- Multivariable Calculus
- Advanced Calculus
- Thermodynamics
- Engineering Materials

Extracurriculars

- Participated in Kriti(inter hostel tech competition,2019)
- Attended a three day workshop with industrial experts during Industrial conclave, Techniche,2018.
- Organizer, Guwahati Half Marathon