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EDUCATIONAL BACKGROUND

Year	Degree/Certificate	Institution	CGPA/Percentage
2012-Present	Dual Degree, Mechanical Engineering (up to 5 th Semester)	Indian Institute of Technology, Kharagpur	7.67
2011	XII	New Madhukar H.S. School, Rajgarh	80.6%
2009	X	Catholic Mission H.S. School, Jhabua	86.0%

ACHIEVEMENTS OF SPECIAL MENTION

- Among the top **0.3%** of the students who appeared IIT JEE in 2011.
- Among the top **0.4%** of the students who appeared AIEEE in 2011.
- **Silver Medalist** in 3rd INTER IIT TECHMEET in Messier Marathon.

ACADEMIC PROJECTS

- **Formula Student India** (March 2014- Jan 2015)
 - Designing and implementation of the new cooling system for K-2.
 - 2nd position in the cost and business presentation event in FSI.
 - Among the top 7 teams from 44 participating teams in FSI 2015.
- **Formula SAE Car K-2, IIT Kharagpur** (Jan 2013- June 2013)
 - Designed Steering rod, gear shifter and floor panels for K-2.
 - Assisted the team heads during testing and improvement phase of K-2.
 - Learned about the basic functioning of Formula 1 prototype car.
- **Water Rocketry**: Built a single stage water rocket with parachute deployment mechanism. (October 2012)
- **CANSAT**: Mechanical team member of CANSAT project under KCSTC. (Jan 2014- Present)

POSITIONS OF RESPONSIBILITY

- **Organizing Team Head: National Students' Space Challenge (NSSC) 2014** (Jan – Dec, 2014)
 - **Finance**: Supervising all the expenditures, budget and maintaining record of all finances of NSSC '14.
 - **Events**: Designed the Problem Statement of 4 Events in NSSC'14.
 - **Amateur Astrophotography**: Initiated a national level AAP Competition as a pre event of NSSC.
 - Coordinating among organizing team heads and managing a team of sub-heads and J-Cord.
- **Engine Team Head: Team KART** (July 2014 – Present)
 - Led the engine team members to successfully design and manufacture the components of K-3.
 - Responsible for the training of the 1st year members of the team.
 - Designed and manufactured the cooling system for **FSAE** car K-3.
- **Head: Space Technology Students' Society (spAts)** (April 2014- Present)
 - **Conducted workshops** in-house and outside KGP on water rocketry and robotics.
 - Successfully conducted guest lectures by eminent scientists from **ISRO, BARC** and webinars by Dr. John C. Mather and Dr. Joseph A. Nuth of **NASA**.
 - Organized various star gazing sessions with **8 inch Newtonian Telescope**.
 - Introduced the culture of Astrophotography among members.
- **Founder and Manager: Space Technology Awareness Camp (STAC)** (April 2014- Present)
 - Shaped the idea of organizing nationwide awareness drive to promote space-tech in India.
 - Successfully organized **STAC's** in 20 colleges across India.
- **Sub Head: National Students' Space Challenge (NSSC) 2013** (Jan 2013- September 2013)
 - Designed the Problem Statement of the Event Space-Trek.
 - Successful in getting a Media Partner for NSSC'13.
 - Successfully carried out publicity campaign of the fest which led to a footfall of **5000**.
 - Actively participated in management of events and their execution during the fest which involves leading a team of Junior Coordinators who assist the core team during the fest.

SKILLS AND INTERESTS

- **Software**: Matlab, MS-Office, Photoshop, Solid Works, ANSYS
- **Interests**: Astronomy, Management, Mechanical Engineering, Astrophotography.
- **Telescope**: Working experience with 8-inch Newtonian Reflecting type Telescope.
- **Machine Operation**: Expertise in cutting, drilling, welding and other machining operations.

EXTRA-CURRICULAR ACTIVITIES

- Part of National Service Scheme for the past 2 years.
- Taught students of Talbagicha High School.
- Organized a Blood Donation Camp and Thalassemia Blood Awareness Camp.