



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2025	M.TECH	IIT Kharagpur	7.65 / 10
2023	B.E.	College of Engineering & Technology, Akola	8.36 / 10
2019	H.S.C.	Deogiri College, Aurangabad	66.0%
2017	S.S.C.	Shri Shivaji Highschool, Chikhli	88.8%

INTERNSHIPS

Trainee Program Balaji Construction Mr. VS Deshmukh	[Jul 2022 - Aug 2022]
Excavation work, pre-foundation work, steel binding, building material & concreting related to Auditorium Hall, Zilla Parishad, Akola	

PROJECTS

UG Projects

- **Minor project** | 'Study of Stepwell Irrigation': in team of 15 surveyed & studied the construction features, calculated water storage capacity & carried out SWOT analysis related to stepwell [Mar 2022 - Apr 2022]
- **Seminar** | 'Groundwater Table Improvement': studied causes, effects of depletion, recharge methods for soil types [Sep 2022 - Nov 2022]
- **Major Project** | 'Tunnelling in Hard Rock: A Case Study of Tunnelling on Konkan Railway': as team leader of 7 members with coordination, working together studied alignment, rock types, tunneling methods used [Feb 2023 - Apr 2023]

PG Projects

- Spatio - Temporal variations of SST in the Arabian Sea | Design Lab | Prof C Shaji [Aug 2023 - Nov 2023]
- Analysed 82 years of high resolution climatology Sea Surface Temperature data to understand extreme weather anomalies
- Demonstrated the affect of SST of the Arabian Sea over the Indian Monsoon over 8 decades by various methods using MATLAB
- Verified the cyclic variation of SST with a trend of constant increase in the temperature post-industrial revolution in the Arabian Sea

SKILLS AND EXPERTISE

Programming Language: C, Python | **Frameworks & Libraries:** Numpy, Pandas, Scikit-Learn, Matplotlib
Other Softwares: Notion, AutoCAD (2D &3D), MS Office, MATLAB

COURSEWORK INFORMATION

Core Subjects: Satellite Remote Sensing | Geophysical Fluid Dynamics | Weather Analysis & Prediction | Tectonics | Coastal Process
Computational: Probability & Statistics | Computer Programming | Data Analytics | Simulation Lab | Computational Methods

POSITIONS OF RESPONSIBILITY

General Secretary Alumni Affairs SBP Hall Council, IIT Kharagpur	[Aug 2023 - Present]
• Savitribai Phule Hall of Residence is hostel in IIT Kharagpur only with Post Graduate boarders in various degrees	
• Elected in team of 10 members to manage various amenities & work as a team for the welfare of 450+ boarders	
Coordinator Reception Committee ENVICON, COETA	[May 2022]
Finalizing the guest for the inaugural and prize distribution ceremony of the event, activities related to reception of guest	

CERTIFICATIONS

- First position in 'General Knowledge Competition-2012' organised by Akhil Bhartiya Vidhyarthi Parishad, Chikhli. [21 Oct 2012]
- Certified for Two days online workshop on "Application of AutoCAD in Civil Engineering" jointly organised by SGB Amaravati University, Dept. of Life Long Learning and Extensions & JDIET, Yavatmal [15-16 Jun 2021]

EXTRA CURRICULAR ACTIVITIES

Cricket: Represented Civil Engineering department in COETA Cup, played as wicket-keeper & team won tournament	[Apr 2023]
Driving Cooking Reading Music Gaming Badminton	