

SHIWANGEE

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Education

Indian Institute of Science Education and Research, Berhampur , BS-MS in Geological Sciences, Department of Earth and Environmental Sciences	2020 – 2025
• GPA: 8.6/10(Transcript)	
Army Public School, Pune , Class 12th	2019 - 2020
• GPA: 88.2 (Transcript)	
• Coursework: Physics, Chemistry, Mathematics, English, Physical Education	
Army Public School, Sukna , Class 10th	2017 – 2018
• GPA: 94.2(Transcript)	
• Coursework: Science, Mathematics, Social Science, English, Hindi	

Experiences

Indian Institute of Technology Guwahati , Master Project	PI: Dr. Archana M Nair June 2024 – April 2025
• Topic: Hyperspectral Image Analysis of Banded Iron Formation on Mars	
• ENVI, X'Pert Highscore, XRD, FTIR, Spectroradiometer, ArcGIS, QGIS, Origin	
Sedimentary Geochemistry Lab , National Institute of Oceanography, Goa –Summer Internship	PI: Dr. Aninda Mazumdar May 2023 - July 2023
Certificate	
• Topic: Quantification of organic bound sulfur in marine sediment underlying oxygen minimum zone of the Bay of Bengal	
• Ion Chromatography(IC), Inductively Coupled Plasma Mass Spectrometry(ICP-MS) and sample digestion, and Laser Particle Size Analyser(LPSA)	
TIFR Centre for Applicable Mathematics, Bangalore , Virtual – Summer School	May 2022 – June 2022
• SWIM 2022 program: Algebra, Python, Real Analysis, Statistics	
Paleontology Lab , Indian Institute of Technology Bombay – Summer Internship, Virtual	PI: Dr.Jahanavi Puneekar May 2022 – July 2022
• Reading project on Foraminifera and Biomineralization	
Department of Natural Resource Management and Geo-informatics , University of Berhampur, Odisha – Summer Internship	PI: Dr. Manoranjan Mishra May 2021 - July 2021
Certificate	
• Reading project on the topic 'Changes in 21st Century'	

Achievements

- GATE 2025 All India Rank (AIR) 167 in Geomatics Engineering
- Selected for IASc-INSa-NASi Summer Research Fellowship in 2024
- Coordinator of E-Cell, the core committee of the Art club, and Eco club of the college 2021-2024
- Design team member won 2nd position at the Inter-IISER Cultural Meet 2023
- Secured 1st position in football and 2nd in basketball in Lakshaya and NSD in the year 2022 and 2023
- Cleared the first level in IOM (International Olympiad of Mathematics) in 2019
- 2nd position in a school in the 10th standard board examination in 2018

Skills

- Language: HTML, Python
- Strength: Good communication skills, Curiosity to learn, Teamwork, Punctuality, Leadership, Responsible
- Software: Datum, ArcGIS, QGIS, ENVI, XPert Highscore, Origin

Co-Curricular Activities

- Participated in IISM (Inter-IISER Sports Meet) for Kho-Kho and in IICM (Inter-IISER Cultural Meet) in wall painting and fashion designing in 2023
- Team member in NEC 2021(National Entrepreneur challenge) conducted by IIT Bombay
- Coordinated art exhibition and was a member of the sponsorship team of College Fest 2022 and three events in College Fest in 2021
- Participated in football, badminton, basketball, athletics, and kho-kho at the college 2020-2025