BISMAY DAS

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PROFESSIONAL OBJECTIVE

Performance-driven individual with exceptional ability to develop essential and valuable ideas which will foster the organization's daily activities. Currently seeking a job position in an organization that will utilize this potential and which will help me to deliver my best and upgrade my skills in Earth Science.

CORE SKILLS

Professional Skills
- Coal Petrography
- Remote Sensing
- Drone Survey
- Structural geology
- Hydrogeology

Analysis & Monitoring
- Stratigraphic correlation
- Resource estimation
- Hydrogeological assessment
- Lab testing and assessment

Software and Tools
- QGIS, ArcGIS
- MS Office and Excel
- MATLAB,
- AutoCAD
- PGDCA

Instruments
- UV Double Beam Spectrometer
- YSI PRO DSS Multiparameter
- Turner's In-Situ PCO2 Sensor
- Ion Chromatographer
- Flame Photometer

PROFESSIONAL EXPERIENCE

Junior Research Fellow (JRF) | NIT Rourkela
July 2024 – May 2026
- Project work in the Department of Earth and Atmospheric sciences, NIT Rourkela, CAMP Mahanadi project, Ministry of Jal Shakti, NRCD.
- Lithological, Geological, Geomorphological and Hydrogeological assessment of Mahanadi River basin along with report preparations.

Asst. Manager – Geology | YAZDANI Steel & Power Ltd.
Dec 2021 – Mar 2023
- Mine Closure Plan, Environmental Management Plan, Production Planning.

EDUCATION

M.Sc. Applied Geology, Utkal University - CGPA – 8.94	**2019 - 2021**
B.Sc. Core Geology, Dharani Dhara Autonomous College (North Odisha University, Baripada) (2016-19) – CGPA – 9.28	**2016 – 2019**
Intermediate (10+2 Science), Akash Ganga Residential College, Jajpur. Percentage – 79.16%	2014 - 2016
Matriculation (10th), Happy Home School, Bhadrak. Percentage – 83.33%	2013 - 2014

INTERNSHIPS, PROJECTS, TRAINING AND FIELD EXPERIENCE

- **Field Experience**: Collecting samples and In-situ Measurements of River Water and Groundwater Quality Parameters in and around the Entire Mahanadi River Basin, Chilika Lagoon and Devi Estuary as Part of Project Work.
- **M.Sc. Project | Utkal University (2020 – 2021)**
  Geological Study in and around Jajpur District under the Supervision of Prof. Durga Shankar Pattnaik.
- **M.Sc. 1st Year: Geomorphological study of Anshupa Lake (2019-2020)**
- **B.Sc. Project | Utkal University (2018-2019)**
  Geological Study in and around Madrangjodi, Raisuan, Keonjhar under supervision of Dr. Rudrakanta Majhi.
- **B.Sc. 3rd Year:** Field visit to **Pyrophyllite Mines, Raisuan, Keonjhar** and study of rock-type as a part of dissertation project.
- **B.Sc. 2nd Year:** Field visit to **Dhrupada, Nomira, Handibhanga, Bhimkund and Sulepat, Keonjhar.**
- **B.Sc. 1st Year:** Field visit to **Khandadhar, Keonjhar.**

AWARDS AND ACHIEVEMENTS

- GATE (Geology and Geophysics) – AIR 830
- Achieved 1st rank in Utkal University PG Entrance Examination (2019)
- Achieved 1st rank and secured Sri Harihar Mishra Memorial Scholarship in department of Geology.
- Availed the e-Medhabruti Scholarship of Odisha Govt. (2016-2019)
- Achieved the best student award & topper at Akash Ganga Residential College (2016).

Languages: English - full professional proficiency; Hindi - full professional proficiency; Odia - native/bilingual proficiency

DoB: 27/11/1998

Declaration

I hereby declare that all the information given above is true and correct to the best of my knowledge.