

Soumya Mahata

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Education

Indian Institute of Technology (Indian School of Mines), Dhanbad <i>Master of Science and Technology in Applied Geophysics (CGPA: 7.52 / 10.00)</i>	Expected May 2027 Dhanbad, Jharkhand
Ramakrishna Mission Vivekananda Centenary College, Rahara <i>Bachelor of Science in Physics (CGPA: 7.41 / 10.00)</i>	June 2024 Rahara, West bengal
Ramakrishna Mission Vidyapith, Purulia <i>12th Board (WBCHSE) (Percentage: 86.60 %)</i>	July 2021 Purulia, West Bengal
Ramakrishna Mission Vidyapith, Purulia <i>10th Board (WBBSE) (Percentage: 90.00 %)</i>	May 2019 Purulia, West Bengal

Experience

AEG Student Chapter IIT (ISM) Dhanbad <i>Content writer</i>	January 2025 – Present
<ul style="list-style-type: none">Created engaging and informative content for social media, blogs, and newsletters to enhance AEG's online presence.Collaborated with design and marketing teams to develop cohesive content strategies.Conducted research and ensured accuracy in all written material, maintaining a consistent and professional tone across platforms.	
Winter Geological Field Training <i>On-site field training in and around Dhanbad, Jharia, Basudevpur and Gomoh area</i>	December, 2024
<ul style="list-style-type: none">Measured dip and strike for structural analysis, contributing to detailed geological interpretations.Performed geological mapping and rock identification across various terrains, including metamorphic, igneous, and sedimentary formations.Studied the environmental and structural impacts of coal mining on surrounding geological formations.	

Technical Skills

Languages: Python
Technologies: MS Office, MS Excel, MS PowerPoint
Concepts: Machine Learning (Beginner), HTML, \LaTeX

Achievements

- Cleared IIT JAM 2024 (organized by IIT Madras) with All India Rank 995.
- Scored 140 out of 300 in CUET PG 2024

Social Engagements

Content Writer: Of Association of Exploration Geophysicists - Student Chapter, IIT (ISM) Dhanbad
Volunteer: at Nara Narayan Seva - an annual event that embodies Sri Ramakrishna's ideal of "serving God in man."