

DHARMENDU SANYAL

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Key Skills

Core Teaching

Laboratory Expertise

Time Management

Technical Proficiency

Training & Development

Academic Administration

Soft Skills

Situation Management

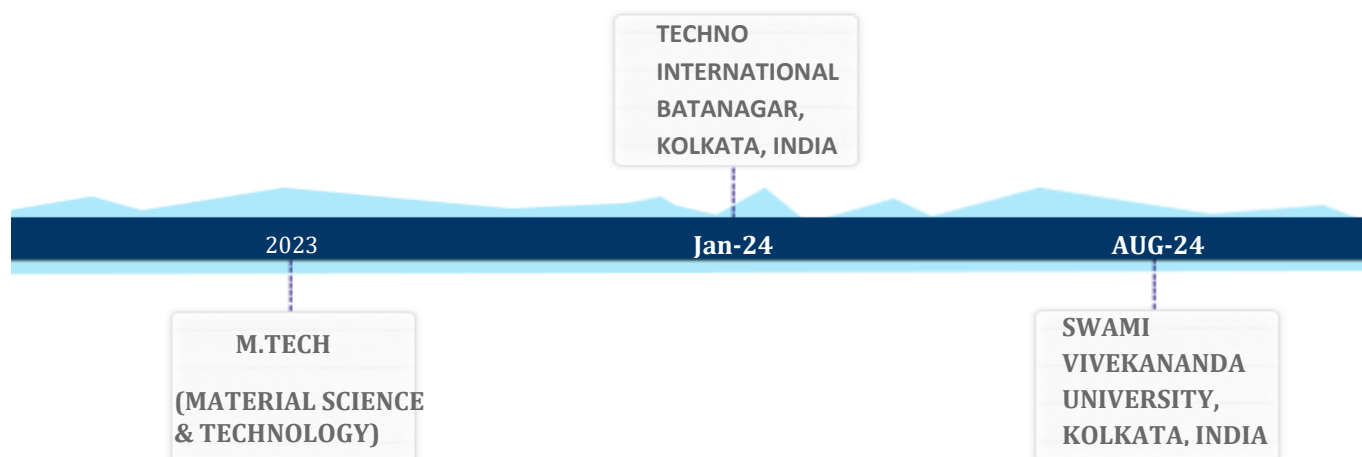
A result-oriented academic professional with proven expertise in teaching core Mechanical Engineering subjects and Materials Science, focused on delivering concept-based learning and measurable student outcomes through structured pedagogy and rigorous assessment.



Profile Summary

- ▶ Delivers high-quality teaching in core Mechanical Engineering and Materials Science subjects with strong focus on conceptual clarity and student engagement.
- ▶ Experienced in conducting laboratory sessions on heat treatment, tensile testing and hardness testing, ensuring accurate experimentation and safety compliance.
- ▶ Guides undergraduate and postgraduate students in projects, mini-projects, technical report writing and presentations, helping them build research and industry-oriented skills.
- ▶ Contributes to academic administration through question paper setting, evaluation, mentoring and supporting continuous improvement in teaching-learning processes.
- ▶ Demonstrates research capability through M.Tech work on high-temperature behaviour of materials using advanced techniques at a National Metallurgical Laboratory (CSIR-NML) Jamsedhpur.
- ▶ Proficient in using AutoCAD and IT tools for technical documentation, data analysis and preparation of teaching-learning resources.
- ▶ Strong interpersonal, communication and time-management skills, with the ability to collaborate in multidisciplinary academic environments and support institutional growth.

Timeline





WORK EXPERIENCE

Aug'24-Present

Swami Vivekananda University- Assistant Professor

Key Functional Areas:

- Delivering lectures in core Mechanical Engineering subjects: Materials Science, Engineering Mechanics, Strength of Materials, Industrial Engineering.
- Conducting laboratory sessions on Heat Treatment, Tensile Testing, and Hardness Testing experiments.
- Guiding students in semester projects, mini-projects, and technical report writing
- Assisting academic administration: question paper setting, evaluation, and student mentoring.

Jan'24 - Aug'24

Techno International Batanagar - Assistant Professor

Key Functional Areas:

- Taught undergraduate Mechanical Engineering courses emphasising conceptual clarity.
- Developed teaching materials, conducted tutorials and practical assessments.
- Mentored students in project execution and presentation skills.

CERTIFICATION

- Certified by the Indian Standard of Computer Education.
- AutoCAD – Drafting & Design.
- Industrial Training: Shree Automotive Pvt. Ltd.
- Research work at CSIR NML-Jamshedpur (M.Tech Dissertation)

EDUCATION

- M.Tech Materials Science & Technology | MAKAUT | 2023 | 81.05%
- B.Tech Mechanical Engineering | MAKAUT | 2020 | 69.9%
- Diploma Mechanical Engineering | W.B.S.C.T.E | 2017 | 78.6%
- Higher Secondary | W.B.C.H.S.E | 2014 | 68.8%
- Secondary | W.B.C.H.S.E | 2012 | 60.0%

PROJECTS & RESEARCH

- M.Tech Dissertation: High Temperature Behaviour of Copper Using Eddy Current Technique (CSIR NML-Jamshedpur).
- B.Tech Project: Experimental Investigation of TIG Welding of Stainless Steel.
- Diploma Project: Four-Wheel Steering System design and development.

PUBLICATION

PERSONAL DETAILS

Date Of Birth: 31st May 1996

Languages Known: English, Hindi & Bengali

Address: Nalahati, Rampara, Rejinagar, Murshidabad, 742189, West Bengal

Nationality: Indian

Marital Status: Unmarried

Hobbies: Cricket, Reading, Travelling, Photography, Social Activities