

Assistant Professor
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Mofijul Islam

Objective To be connected to an esteemed engineering academic institution that fosters personal development, professional advancement, and worthwhile experiences and to provide the students with a high-quality education.

Work Experience

Sl. No.	College Name	Designation	Duration	Experience
1	Dream Institute of Technology Thakurpukur, B.H.Road, Samali, Dist.: South 24 Parganas, Kolkata-700104, West Bengal	Assistant Professor Department of Mechanical Engineering (ME)	1 st June 2019 to till now (01/06/2019—till now)	4.6 Years

Educational Qualifications

Degrees Awarded	College / School (University / Board)	Year of Passing	Stream/ Branch	Percentage / CGPA
M.Tech.	Aliah University	2017	Mechanical Engineering Specialization in Manufacturing Technology	CGPA-9.01 (84.50%)
B.Tech.	Aliah University	2015	Mechanical Engineering	CGPA: 7.09 (64.80%)
12th Standard	WBCHSE	2011	Science Stream (Bengali, English, Math, Physics, Chemistry, Biology))	66.20%
10th Standard	WBBSE	2009	General (Bengali, English, Math, Physical Science, Life Science, History, Geography)	75.12%

Lists of Publication

Journal Paper

- ✓ (2022). Machining performance of Nano SiC and graphite powder mixed aluminum matrix composites fabricated by powder metallurgy using EDM. *Materials Today: Proceedings*.
<https://doi.org/10.1016/j.matpr.2022.11.123>

Achievements

- ✓ Grabbed **Best Speaker** in Youth Parliament Competition in **District Level** for the year 2008-09.
- ✓ Achieved **2nd Prize in Drawing** in a cultural program under WBDPEP in 2002.

Lists of Certification

MOOCS:

- ✓ Successfully completed **NPTEL Certification Course** funded by the MoE, Govt. of India with joint venture of **IIT-ROORKEE** on “*Refrigeration and Air Conditioning*” during June-September 2023 (8 weeks).
- ✓ Successfully completed **NPTEL Certification Course** funded by the MoE, Govt. of India with joint venture of **IIT-ROORKEE** on “*Principles of Casting Technology*” during January-March 2022(8 weeks).

TEQIP Short-Term Course:

- ✓ Attended 5days **TEQIP-III STTP** organized by **IIT GUWAHATI** on topic “*Micro-manufacturing Technologies*” during November 30 – December 04, 2020.
- ✓ Attended 5days **TEQIP-III STTP** organized by **IIT GUWAHATI** on topic “*Advanced Manufacturing Technology*” during December 21 – December 25, 2020.

Faculty Development Programme:

- ✓ 5 Days FDP on “**Advances in Materials and Manufacturing Technology**” organized by KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY, Guntur from 26th June 2023 to 30th June 2023.
- ✓ One week FDP on “**Recent Development in Mechanical Engineering**” organized by ESWAR COLLEGE OF ENGINEERING from 19th June 2023 to 33rd June 2023.
- ✓ One week FDP on “**Advanced Manufacturing: Latest Trends and Technique**” organized by SANDIP UNIVERSITY, MADHUBANI during 15th to 19th may 2023.
- ✓ One week FDP on “**Principles of Casting Technology**” organized by NPTEL with joint venture of **IIT-ROORKEE** during January-March 20022.
- ✓ One Week STTP through ICT mode on the topic “*Introduction to Solid Mechanics*” organized by NITTTR KOLKATA from 25th to 29th October, 2021.
- ✓ One Week STTP through ICT mode on the topic “*Refresher Course in Engineering Mechanics: Principle of Statics*” organized by NITTTR KOLKATA from 13th to 17th September, 2021.
- ✓ One Week STTP through ICT mode on the topic “*Renewable Energy Sources and Emerging Technologies*” organized by NITTTR KOLKATA from 6th to 10th September, 2021.
- ✓ One Week STTP through ICT mode on the topic “*Refresher Course in Strength of Materials*” organized by NITTTR KOLKATA from 4th to 8th January, 2021.
- ✓ 5 Days FDP on “*Applied Mathematical Skills for Science and Technology*” organized by MAKAUT, WB during 14th – 18th September 2020.
- ✓ 5 Days FDP on “*Advancement in the field of Mechanical Engineering*” organized by Navodaya Institute of Technology, Karnataka from 23rd June to 27th June 2020.
- ✓ One Week STTP through ICT mode on the topic “*Advanced Welding Processes and Physics of Welding*” organized by NITTTR KOLKATA from 11th to 15th May, 2020.
- ✓ One Week STTP through ICT mode on the topic “*CAD/CAM*” organized by NITTTR KOLKATA from 27th April to 1st May, 2020.
- ✓ One Week STTP through ICT mode on the topic “*Management Issues of Laboratory and Workshop Class*” organized by NITTTR KOLKATA from 4th to 8th November, 2019.
- ✓ One Week STTP through ICT mode on the topic “*Water Pollution and Health*” organized by NITTTR KOLKATA from 21st to 25th October, 2019.

Seminars:

- ✓ Participated in the Students’ Forum of the **61st Indian Foundry Congress** on 27th January 2013 organized by The Institute of Indian Foundrymen, Kolkata.
- ✓ Attended the Annual Seminar “**WELD 2018**” of the Indian Institute of Welding, Kolkata Branch, on “Latest Technology and Skill Development in Welding” held at Science City, Kolkata, on 13th of January, 2018.

Software Skills

- *Auto CAD (2D + 3D) (CADD Centre, Kolkata).*
- *CATIA (CADD Centre, Kolkata).*
- *Microsoft office (Word, Excel, Power Point).*

Computer Proficiency

- *Operating System: Windows XP/7, Professional 8/8.1, 10*
- *Language: C*

Course Projects

- *Machining Performance of Aluminum Silicon Carbide Graphite P/M Metal Matrix Composite using EDM (M.Tech).*
- *Multi-objective Optimization of Wire Electrical Discharge Machining using gray relational analysis method (B.Tech).*

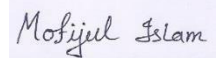
Technical Trainings

- *Have done a 2 weeks vocational training project at Sagardighi Thermal Power Plant under 'The West Bengal Power Development Corporation Limited'.*

Courses Taught/Teaching

1. *Manufacturing Practices*
2. *Engineering Mechanics*
3. *Strength of Materials*
4. *Refrigeration and Air Conditioning*
5. *Solid Mechanics*
6. *Metrology and Instrumentation*
7. *Advanced Welding Technology*
8. *Workshop/Manufacturing Practice Lab*
9. *Engineering Drawing*
10. *Refrigeration and Air Conditioning Lab*
11. *Advanced Manufacturing Lab*

References Available Upon Request



Signature