

Angkush Kumar Ghosh

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SUMMARY

As an Assistant Professor at Kitami Institute of Technology (KIT), Japan, I am affiliated with the Division of Mechanical and Electrical Engineering and the Advanced Manufacturing Engineering Laboratory. My primary responsibilities include teaching undergraduate courses in CAD/CAM and conducting research. My research interests lie in AI, Machine Learning, and Intelligent Systems for Smart Manufacturing / Industry 4.0, as well as exploring future advancements in the field. Alongside my academic roles, I have gained valuable experience in project management, effective communication, collaboration, and various administrative tasks throughout my career. In my leisure time, I enjoy immersing myself in music, following football matches passionately, reading various genres, and traveling to new destinations to embrace diverse cultures.

WORK EXPERIENCE

Assistant Professor,

Division of Mechanical and Electrical Engineering,
Advanced Manufacturing Engineering Laboratory,
Kitami Institute of Technology, Japan

Responsibilities:

- Teaching undergraduate courses: CAD/CAM.
- Researching.
- Supervising students.

4/2022 - Present

Coordinator and Lecturer,

Department of Mechanical Engineering,
Sonargaon University, Bangladesh

Responsibilities:

- Coordinating departmental and administrative affairs.
- Student counseling.
- Teaching undergraduate courses: CAD, C Programming, Mechanical Engineering Drawing, Production Processes.

9/2015 – 9/2017

Service Engineer,

MBioLogix,
Bangladesh

Responsibilities:

- Installing, calibrating, and servicing instruments & machinery used in medical industry (clinics, hospitals, pharmaceuticals, research institutions, medical colleges, and alike) in Bangladesh.
- Training end-users about operation and regular maintenance.
- Creating user-oriented standard operating procedure (SOP).

3/2015 – 9/2015

10/2014 – 3/2015

Physics Tutor,

Anushilon Education Centre,
Bangladesh

Responsibilities:

- Preparing lecture notes.
- Teaching and assessing.

3/2014 – 6/2014

Assistant Engineer,

Navana Construction Ltd.,
Bangladesh

Responsibilities:

- Site supervision and project management.
- Surveying site area.
- Assessing and modifying the designed layout.
- Communicating with different stakeholders and coordinating the tasks.
- Maintaining the material flow.
- Billing of subcontractors.
- Technical support.

**INTERNSHIP
EXPERIENCE**

9/2021 – 12/2021

Intern,

LEXER RESEARCH Inc.,
Japan

5/2021 – 8/2021

Intern,

Advanced Manufacturing Research Institute (AMRI),
National Institute of Advanced Industrial Science and Technology (AIST),
Japan

EDUCATION

10/2019 – 3/2022

Doctor of Engineering in Manufacturing Engineering,

Kitami Institute of Technology,
Japan

10/2017 – 9/2019

Master of Engineering in Mechanical Engineering,

Kitami Institute of Technology,
Japan

3/2009 – 10/2013

Bachelor of Science (B.Sc.) in Mechanical Engineering,

Khulna University of Engineering and Technology,
Bangladesh

RESEARCH

ORCID [🔗](#)

Google Scholar: [🔗](#)

Laboratory Website [🔗](#)

Personal Website [🔗](#)

**PROFESSIONAL
MEMBERSHIPS**

- The Japan Society for Precision Engineering (JSPE)
Member since 4/2022
 - The Japan Society of Mechanical Engineers (JSME)
Member since 10/2019
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**ACADEMIC
SERVICE**

- JSME iDECON/MS 2023: Program Committee Member
 - Reviewer for Various Academic Journals
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HOBBIES

- Music
 - Football
 - Reading
 - Traveling
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REFERENCE

References are available upon request.
