

Mobin Majeed

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EDUCATION

2016-2018	M.S. in Materials and Manufacture	GPA 3.88/4.0	Istanbul Technical University Istanbul, Turkey
2010-2014	B.S. in Mechanical Engineering	CPI 8.323/10	Aligarh Muslim University Aligarh, India

RESEARCH AND TECHNICAL EXPERIENCE

2016-2018, Researcher

Istanbul Technical University, Istanbul, Turkey

- Investigation of thermal behavior accordance with processing parameters and effect of design of building platform in additive manufacturing.
- Numerical analysis of additive manufacturing of maraging steel.
- Formation of the welding nugget and the effect of welding process parameters on nugget shape and size in spot welding using finite element analysis.

2015-16 Researcher

Aligarh Muslim University, Aligarh, India

- Collaborated with projects for designing and simulating equipment ergonomically.
- Designing of ergonomic work environment.
- Mentoring and guiding students in Mechanical Engineering Labs.
- Supervised graduate students in final projects and identifying problems.

2013, Intern

JBM Group, New Delhi, India

- Collection of product type against quantity data, control of manufacturing line.
- Testing of final manufactured parts in the laboratory.
- Preparation of reports related to each project.
- Investigating problems in manufacturing lines and implementing relevant solutions.

LEADERSHIP/MANAGERIAL EXPERIENCE

2013-15, President, IDB Student Association.

IDB Scholarship and personality development program, India

- Maintaining attendance, academic records and curricular, co-curricular activities of students.
- Collected cheques from head office for distribution and reporting of missing/additional cheques.
- Structured weekly, monthly meeting plans for interaction with students, evaluation of their academic performance and organized lectures with expertise related to technical fields.
- Organized three educational development seminars in 3 different cities participated by more than 200 academicians and students presided by ministers of states.

2014-15, Secretary

All India Graduate Association, India

- Arranged 30 camps in rural, disaster affected areas and slums for vaccination, medical checkups and distribution of free medicines and aid.
- Prepared report, brochure and presented to funding agencies.
- Counseled needy people to develop skills and allotted funds to develop their private source of income.

TECHNICAL SKILLS

- *Software:* ANSYS APDL(CODING), workbench, Magics, NX, SOLIDWORKS, MATLAB.
- *Tools:* Microsoft office.
- *Language:* English, Intermediate Turkish, Urdu, Hindi.

SCHOLARSHIP AND AWARDS

- *IDB Scholarship program* in undergraduate.
- *IDB Scholarship* for higher studies.
- *Success Scholarship.*
- *Excellence Performance Award* by IDB.

TRAINING RECEIVED

- EOS training for manufacturing parts in EOS M 290 machine.

PUBLICATION

- **M. Majeed, H. M. khan, I. Rasheed** (2018) “*Finite element analysis of melt pool thermal characteristics with passing laser in SLM process*”, Optik, ISSN: 0030-4026.
- **Mobin Majeed.** (2015) “*Basic component design consideration of overhead crane*”. International Journal of Engineering Research and General Sciences, ISSN 2091-2730.

CONFERENCE PRESENTATION

- **Mobin Majeed, M. Muzammil.** (2016)“*Ergonomic Design of a Welding Electrode Holder*”. 14th International Conference on Humanizing Work and Work Environment HWWE 2016, pp, 106-110. National Institute of Technology
Guest Lecture