

Saima Yaqoob

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Personal Details

Gender : Female
Nationality : Pakistani
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Objective

Dedicated, resourceful, and passionate education professional with seven years of teaching and professional experience would like to excel in the capacities of research and development.

Career & Experience

2018-to date **NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY**
Lecturer

- To teach courses at the undergraduate level.
- Supervising industrial Engineering projects.
- To maintain the documents related to the departmental OBE Committee.
- To maintain and prepare documents related to the departmental Health and Safety Committee
- To carry out student counseling related to academic matters.

2013-2018 **INSTITUTE OF BUSINESS MANAGEMENT**
Lecturer

- To teach courses at the undergraduate level.
- Supervising Industrial Engineering laboratories and conducting experiments to complement lectures.
- To Prepare, administer, and grade examinations.
- Student counseling related to academic matters.
- To establish industrial linkage for undergraduate industry based projects and internships.
- To arrange industrial visits for undergraduate students in a semester.
- Prepare faculty course review reports semester-wise to improve the teaching methodologies based on learning outcomes.

2011-to 2013

Assistant Executive

YKK PAKISTAN PVT. LTD

- Carry out the inspection & testing of:
 - All Raw Materials.
 - Product samples during production.
 - Final product to be delivered
- Improve product quality through monitoring and controlling of production processes.
- Daily problem analysis through Gemba meetings.
- Provide supervision and training to all Quality personnel.
- Performing Root Cause Analysis with implementing counter measures & preventive measures for failures.

2011-to 2013

CAD/CAM

Engineer

RAZI SONS PVT LTD

- Plan CAD/CAM projects tasks, allocate resources, scheduled job assignment, and continuously monitor and control the bottlenecks activities.
- Carry out Time & Motion Studies to improve process improvement & labor utilization in production departments.
- Ensure proper implementation of safety procedures and 5S activities in the workplace.
- Part modeling through conventional and reverse engineering using CAD/CAM/CAE software.
- Act as a team player for designing and fabricating fixtures and jigs of recently developed parts.

Qualification

2012-2014

Masters in Industrial Management

NED University of Engineering and Technology

Cumulative GPA:3.68

2007-2010

Bachelor of Industrial & Manufacturing Engineering

NED University of Engineering and Technology

Cumulative GPA:3.7

Research Contribution

Journal Publications

- Wasif M, Iqbal SA, Fatima A, **Yaqoob S**, Tufail M. Experimental investigation for the effects of wire EDM process parameters over the tapered cross-sectional workpieces of titanium alloys (Ti6Al-4V). Mechanical Sciences. 2020 Jun 17;11(1):221-32. <https://doi.org/10.5194/ms-11-221-2020>
- Fatima A, Ahmed A, **Yaqoob S**, Fahad M. Wear comparison of unstructured and structured tungsten carbide. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology. 2020 Oct;234(10):1658-6. <https://doi.org/10.1177/1350650120923533>

Conference Proceedings

- **Yaqoob S.**, Azam MK. (2018). Industry 4.0 and Agile Manufacturing. A Multidisciplinary Pathway for Sustainable Development, European Proceedings of Social and Behavioural Sciences Future Academy. <https://doi.org/10.15405/epsbs.2019.05.02.17>

Certifications

- **Qualitative Research Methodologies and Data Analysis using NVIVO**
2-days certification Workshop
Institute of Business Management (IoBM) Karachi, Pakistan
- **5S and Kaizen**
2-days certification course
NED University of Engineering and Technology Karachi, Pakistan
- **Faculty Development Workshop**
2-days certification Workshop
Institute of Business Management (IoBM) Karachi, Pakistan
- **Problem Solving & Decision Making**
2-days certification course
Institute of Business Management (IoBM) Karachi, Pakistan
- **CAD/CAM for product Development**
4-weeks certification course
National Institute of Design & Analysis Karachi, Pakistan
- **Project Management**
1-day workshop
NED University of Engineering and Technology Karachi, Pakistan

Memberships and Affiliations

Pakistan Engineering Council (PEC).