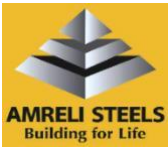


MUHAMMAD UMAIR JAMAL

EDUCATION CURRENT POSITION COMPANY/INSTITUTE CELL NUMBER EMAIL ID LINKEDIN SKYPE	BE- METALLURGICAL ENGINEERING (DEC 15) M.E.M – INDUSTRIAL MANAGEMENT (JUN 19) ME- MATERIAL ENGINEERING (MAY 22) PhD – MATERIALS ENGINEERING (2026) LECTURER NED University of Engineering & Technology +92-312-2502295  umair-uj@hotmail.com  umairjamal@neduet.edu.pk https://www.linkedin.com/in/umair-jamal-13404a66/  umair.jamal4 
PROFESSIONAL EXPERIENCE	
LECTURER NEDUET July 2019 – present 	JOB DESCRIPTIONS: ▫ Teach assigned courses in each semester. ▫ Indulge in course designing activities and Outcome based education (OBE) related activities for engineering accreditation. ▫ Managed students' related administration like scholarships, industrial visits, etc ▫ Work in capacity of lab in charge for Materiallography lab COURSES TAUGHT: ▫ MM-205: Mechanics of Materials ▫ MM-304: Heat Treatment of Materials ▫ MM-307: Joining of Materials ▫ MM-414: Total Quality of Management RESEARCH ACTIVITIES: ▫ Synthesis and Characterization of Functional Ceramics through Additive Manufacturing Technique. ▫ Development of Ni based shape memory alloy. ▫ Heat treatment & Characterization of AISI 4140 & AISI 4340 Dual Phase Steels RESEARCH FUNDING: ▫ 3 Million PKR for PhD project by MoST Endowment Fund
ASSISTANT ENGINEER PRODUCTION AMRELI STEELS LTD. JUL 2018 – JUL 2019 	JOB DESCRIPTIONS: ▫ To plan shop floor's activities and production as per plant specification to get optimum productivity. ▫ To ensure availability of required resources/ Consumables for smooth production. ▫ Daily review of important rolling parameters. ▫ To coordinate with maintenance team for preventive maintenance and shutdown plans.

TRAINEE ENGINEER LANDHI ENGINEERING WORKS PVT LTD NOV 2016 – JUL 2017 	JOB DESCRIPTIONS: ▫ Assure quality as per specification. ▫ Documentation of data regarding product, materials and processes. ▫ Indulge in implantation of EMS (ISO-14001).
EDUCATION	
PhD MATERIAL ENGINEERING NEDUET July 2023 – July 2024	RESEARCH TOPIC: ▫ Synthesis and Characterization of Functional Ceramics through Additive Manufacturing Technique
M.E MATERIAL ENGINEERING NEDUET NOV 2019 – MAY 2022	RESEARCH TOPIC: ▫ Development of Ni based shape memory alloy.
M.E.M INDUSTRIAL MANAGEMENT NEDUET JUN 2017 – MAY 2019	MAJOR COURSES: ▫ Operation Research ▫ Agile and Lean Manufacturing ▫ Total Quality Management ▫ Project Evaluation and Feasibility Analysis
B.E METALLURGICAL ENGINEERING NEDUET JAN 2012 – DEC 2015	RESEARCH TOPIC: ▫ Comparison & study of mechanical properties & microstructures of AISI 4140 & AISI 4340 dual phase steels.
SKILLS	▫ X ray Diffraction ▫ Vibrating Sample Magnetometer ▫ Thermogravimetric analysis ▫ Differential scanning calorimetry ▫ Hardness Analysis ▫ 3d Printing
Note: Reference will be provided on request	