









# MUHAMMAD UMAIR JAMAL

<b>EDUCATION</b>	BE- METALLURGICAL ENGINEERING (DEC 15)   M.E.M – INDUSTRIAL MANAGEMENT (JUN 19)   ME- MATERIAL ENGINEERING (MAY 22)	
<b>CURRENT POSITION</b>	LECTURER	
<b>COMPANY/INSTITUTE</b>	NED University of Engineering & Technology	
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<b>SKYPE</b>	umair.jamal4 	

## PROFESSIONAL EXPERIENCE

<p><b>LECTURER</b> NEDUET July 2019 – present</p> 	<p><b>JOB DESCRIPTIONS:</b></p> <ul style="list-style-type: none"> <li>✦ Teach assigned courses in each semester.</li> <li>✦ Indulge in course designing activities and Outcome based education (OBE) related activities for engineering accreditation.</li> <li>✦ Managed students' related administration like scholarships, industrial visits, etc</li> <li>✦ Work in capacity of lab in charge for Materiallography lab</li> </ul> <p><b>RESEARCH ACTIVITIES:</b></p> <ul style="list-style-type: none"> <li>✦ Development of Ni based shape memory alloy.</li> <li>✦ Heat treatment &amp; Characterization of AISI 4140 &amp; AISI 4340 Dual Phase steel.</li> </ul> <p><b>RESEARCH INTEREST:</b></p> <ul style="list-style-type: none"> <li>✦ Synthesis of smart materials via Additive Manufacturing Technique.</li> <li>✦ Purification of water.</li> <li>✦ High entropy alloys.</li> </ul>
<p><b>ASSISTANT ENGINEER</b> PRODUCTION AMRELI STEELS LTD. JUL 2018 – JUL 2019</p> 	<p><b>JOB DESCRIPTIONS:</b></p> <ul style="list-style-type: none"> <li>✦ To plan shop floor's activities and production as per plant specification to get optimum productivity.</li> <li>✦ To ensure availability of required resources/ Consumables for smooth production.</li> <li>✦ Daily review of important rolling parameters.</li> <li>✦ To coordinate with maintenance team for preventive maintenance and shutdown plans.</li> </ul>
<p><b>TRAINEE ENGINEER</b> LANDHI ENGINEERING WORKS PVT LTD NOV 2016 – JUL 2017</p> 	<p><b>JOB DESCRIPTIONS:</b></p> <ul style="list-style-type: none"> <li>✦ Assure quality as per specification.</li> <li>✦ Documentation of data regarding product, materials and processes.</li> <li>✦ Indulge in implantation of EMS (ISO-14001).</li> </ul>

## EDUCATION

<b>M.E</b> MATERIAL ENGINEERING NEDUET NOV 2019 – MAY 2022	<b>RESEARCH TOPIC:</b> ☒ Development of Ni based shape memory alloy.												
<b>M.E.M</b> INDUSTRIAL MANAGEMENT NEDUET JUN 2017 – MAY 2019	<b>MAJOR COURSES:</b> ☒ Operation Research ☒ Agile and Lean Manufacturing ☒ Total Quality Management ☒ Project Evaluation and Feasibility Analysis												
<b>B.E</b> METALLURGICAL ENGINEERING NEDUET JAN 2012 – DEC 2015	<b>RESEARCH TOPIC:</b> ☒ Comparison & study of mechanical properties & microstructures of AISI 4140 & AISI 4340 dual phase steels.												
<b>COMPUTER PROFICIENCY</b>	<table border="1" style="margin-left: auto; margin-right: auto;"> <caption>Computer Proficiency Data</caption> <thead> <tr> <th>Category</th> <th>Green Segment (Relative Length)</th> <th>Red Segment (Relative Length)</th> </tr> </thead> <tbody> <tr> <td>Origin</td> <td>~35%</td> <td>~65%</td> </tr> <tr> <td>MS-Office</td> <td>~55%</td> <td>~45%</td> </tr> <tr> <td>Solid Edge</td> <td>~45%</td> <td>~55%</td> </tr> </tbody> </table>	Category	Green Segment (Relative Length)	Red Segment (Relative Length)	Origin	~35%	~65%	MS-Office	~55%	~45%	Solid Edge	~45%	~55%
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<b>HOBBIES</b>	☒ Travelling ☒ Trainings & Facilitation ☒ Sports												