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- 4. Institution:** Islamic University of Science and Technology-Kashmir-192122
- 5. Date of Birth:** 28-08-1986
- 6. Gender:** Male
- 7. Category:** General
- 8. Academic Qualifications**

S. No	Degree	Year	Subject	Institution	%age (CGPA)
1.	Ph.D	2019	Mechanical Engineering	National Institute of Technology Srinagar	Awarded
2.	M.Tech	2011	Manufacturing and Automation	Shri Mata Vashino Devi University, Katra	9.38
3.	B.Tech	2008	Mechanical Engineering	University of Jammu	64.91

9. Details of Ph.D Thesis

Title of Thesis	Supervisor	Institute	Year of Award
“Feasibility study of Dry, Wet and MQL systems for Hard Turning of AISI D2 steel using CBN, Carbide and Ceramic inserts”	Prof. M F Wani	National Institute of Technology Srinagar	March 2019

10. Work Experience

S. No	Position Held	Institute / University	From	To	Pay Scale
1.	Assistant Professor	Islamic University of Science and Technology Awantipora	13-11-2020	Till date	Level-10 (7 th CPC)

2.	Assistant Professor	Islamic University of Science and Technology Awantipora	05-03-2012	31-12-2012	Contract
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11. Publications (SCI Journals only)

S. No	Author (s)	Title	Journal	Volume	Page	Year
1.	Mohd Ishfaq Bhat, MJ Mir et al.	Comparative study on thermo-mechanical, structural and functional properties of pectin extracted from immature wasted apples and commercial pectin	International Journal of Biological Macromolecules (Elsevier)	254	127658	2023
2.	Shafiya Rafiq, MJ Mir et al.	Non-edible biomass as innovative substrate for lipid biosynthesis: a step towards circular economy	Biomass Conversion and Biorefinery (Springer)	1	1-13	2023
3.	Gourav Khajuria, MF Wani, M Junaid Mir.	Impact of Micro-Indentation on Hardness and Indentation Depth of Ni-Cr Super Alloys	Advances in Materials and Processing Technologies (Taylor and Francis)	8	1-19	2022
4.	Rahul Anand, Mir Irfan Ul Haq, MJ Mir et al.,	Synergism of TiO ₂ and Graphene as Nano-Additives in Bio-Based Cutting Fluid—An Experimental Investigation	Tribology Transactions (Taylor and Francis)	64	350-366	2020
5.	MJ Mir , MF Wani	The influence of cutting fluid conditions and machining parameters on cutting performance and wear mechanism of coated carbide tools	Jurnal Tribologi (mytribos)	18	58-80	2018
6.	Shuhaib Mushtaq, MF	Tribological and mechanical properties of PM Fe-	World Review of Science, Technology	14	119-134	2018

	Wani, M Junaid Mir	Cu-Sn alloy containing graphite as a solid lubricant	and Sustainable Development			
7.	M Mir, M Wani	Modelling and analysis of tool wear and surface roughness in hard turning of AISI D2 steel using response surface methodology	International Journal of Industrial Engineering Computations(Growing science)	9	63-74	2018
8.	M Junaid Mir, MF Wani	Performance evaluation of PCBN, coated carbide and mixed ceramic inserts in finish-turning of AISI D2 steel	Jurnal Tribologi (Mytribos)	14	10-31	2017

12. Books / Reports / Book Chapters etc.

b. Book Chapters Published

S. No	Title	Author (s)	Publisher	Year
1.	XFEM for Stability Analysis of Stiffened Trapezoidal Composite Panels	M. Rasool, Azher Jameel, M. J. Mir , O. Gulzar	Elsevier	2023
2.	Enriched EFGM for Three Dimensional Cracks	M. J. Mir , Azher Jameel, S. Mushtaq, M. Rasool	Elsevier	2023
3.	Enriched Techniques for Investigating the Behavior of Structural Wood	U. A. Sheikh, Azher Jameel, M. Rasool, M. J. Mir	Elsevier	2023
4.	Solid-lubricating Coatings: An Effective Lubricating Coatings for Tribological Application	S Banday, MJ Mir , MF Wani	CRC,T&F	2021

c. General Articles

S. No	Title	Author (s)	Publisher	Year
1.	Adhesion Property of Self-lubricating Si/MoS ₂ Nanocoating at Nano-scaleLevel	Summera Banday, M Junaid Mir	IOP publishing (Scopus)	2019

2.	Influence of cutting fluid conditions on tool wear and surface roughness in hard turning AISI-D2 Steel using mixed ceramic tools	M Junaid Mir, MF Wani, Summera Banday, Bisma Parveez	Journal of Physics: Conference Series	2019
3.	Tribological Characterization of Iron Based Ceramic Reinforced Self-lubricating Material	Bisma Parveez, MF Wani, M Junaid Mir,	Journal of Physics: Conference Series	2019
4.	Comparative assessment of coated CBN and multilayer coated carbide tools on tool wear in hard turning AISID2 steel	M Junaid Mir, MF Wani	SSRN, Elsevier	2018
5.	Nano-scratch property of self-lubricating Ti/MoS ₂ nanocoating at nano-scale level	Summera Banday, M Junaid Mir	SSRN, Elsevier	2018
6.	Tribological Characteristics of Fe-Cu-Sn Alloy with Molybdenum Disulfide as a Solid Lubricant under Dry Conditions	S Mushtaq, MF Wani, MJ Mir,	SSRN, Elsevier	2018
7.	Nanomechanical Property of Max Phase Material Ti ₂ AlC	J Singh, MF Wani, S Banday, MJ Mir,	SSRN, Elsevier	2018
8.	Experimental investigation and modelling of PMEDM process with aluminium powder suspended dielectric on AISI-H11	SS Saleem, MJ Mir,	Discovery Engineering	2018
9.	Hard turning of high-carbon high chromium tool steel using CBN tools under different lubricating/cooling conditions	M Junaid Mir, MF Wani,	Anadolu Üniversitesi Bilim Ve Teknoloji Dergisi-B Teorik Bilimler	2018
10.	Modeling and analysis of machining parameters for surface roughness in powder mixed EDM using RSM approach	M Junaid Mir, Khalid Sheikh	Multicraft publishing	2012

13. Additional Information

a. Research Students Supervised

Level	Number of Students
PhD	-
M.Tech (PG)	01
B.Tech (UG)	24

b. Research Papers Published (Total)

	Published	Under Review	Total
Journals	15	0	15
Conferences	08	0	08
Book Chapters	04	0	04
Total	27	0	27