

## Department of MECHANICAL ENGINEERING

Publications Record | Total: 25 entries

Author Name	Year	Journal Name	Title	ISSN	URL
Dr. Syed Asghar Husain Rizvi	2020	Procedia CIRP	Modeling of Black Layer and Tool Wear in EDM of AISI 4340 using Cu-W electrode	2212-8271	<a href="https://doi.org/10.1016/j.procir.2020.02.330">https://doi.org/10.1016/j.procir.2020.02.330</a>
Dr. Syed Asghar Husain Rizvi	2018	European Society for Precision Engineering and Nanotechnology, Conference Proceedings - 18th International Conference and Exhibition, EUSPEN	Modelling of tool wear and recast layer thickness in die sinking EDM process	ISBN, 0995775125, 9780995775121.	<a href="https://www.euspen.eu/knowledge-base/ICE18145.pdf">https://www.euspen.eu/knowledge-base/ICE18145.pdf</a>
Dr. Syed Asghar Husain Rizvi	2019	Materials Today Proceedings	Modeling of Surface Roughness of AISI 4340 Using Copper-Tungsten Tool in Die Sinking EDM	2214-7853	<a href="https://www.researchgate.net/publication/364096099_Modeling_of_Residual_Stress_and_Surface_Damage_of_AISI_4340_using_Copper_Tungsten_Tool_in_Die_Sinking_EDM">https://www.researchgate.net/publication/364096099_Modeling_of_Residual_Stress_and_Surface_Damage_of_AISI_4340_using_Copper_Tungsten_Tool_in_Die_Sinking_EDM</a>
Dr. Syed Asghar Husain Rizvi	2024	Materials Letters	Effect of reinforcement particles and multipass of friction stir processing on microstructure and mechanical properties of aluminium alloy	2250-1754	<a href="https://ui.adsabs.harvard.edu/abs/2024MatL..35535555A/abstract">https://ui.adsabs.harvard.edu/abs/2024MatL..35535555A/abstract</a>
Dr Syed Asghar Husain Rizvi	2019	S-JPSET	Review of Research Work on Performance Measures in Die Sinking EDM	2229-7111	<a href="https://smsjournals.com/index.php/SAMRIDDHI/article/view/983">https://smsjournals.com/index.php/SAMRIDDHI/article/view/983</a>
Dr Syed Asghar Husain Rizvi	2020	International Journal for Research in Applied Science and Engineering Technology	Optimization of Turning Process Parameters in Machining Heat Treated Steel	2321-9653	<a href="https://www.ijraset.com/fileserve.php?FID=31339">https://www.ijraset.com/fileserve.php?FID=31339</a>
Dr Syed Asghar Husain Rizvi	2020	International Journal for Research in Applied Science and Engineering Technology	Study of Mechanical Property and Corrosion Behaviour of Heat Treated Low Carbon Steel	2321-9653	<a href="https://www.ijraset.com/fileserve.php?FID=31344">https://www.ijraset.com/fileserve.php?FID=31344</a>

Author Name	Year	Journal Name	Title	ISSN	URL
Dr. Ramesh Kumar Verma	2022	Materials Today: Proceedings	Modeling of kerf width during WEDM of die steel D3	2214-7853	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2214785321071212?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S2214785321071212?via%3Dihub</a>
Dr Syed Asghar Husain Rizvi	2019	International Journal of Engineering and Advanced Technology (IJEAT)	Modeling of Residual Stress and Surface Damage of AISI 4340 using Copper-Tungsten Tool in Die Sinking EDM	2249-8958	<a href="https://www.ijeat.org/wp-content/uploads/papers/v9i1/A1624109119.pdf">https://www.ijeat.org/wp-content/uploads/papers/v9i1/A1624109119.pdf</a>
Dr Syed Asghar Husain Rizvi	2019	International Journal for Research in Applied Science and Engineering Technology	An Experimental Investigation for Parametric Optimization of Wire-EDM of EN-24 using Brass Wire	2321-9653	<a href="https://www.ijraset.com/fileserve.php?FID=22819">https://www.ijraset.com/fileserve.php?FID=22819</a>
Dr Syed Asghar Husain Rizvi	2019	International Journal for Research in Applied Science and Engineering Technology	Parametric Optimization EDM of EN-40 for MRR, TWR and White Layer Thickness	2321-9653	<a href="https://www.ijraset.com/fileserve.php?FID=22820">https://www.ijraset.com/fileserve.php?FID=22820</a>
Dr Syed Asghar Husain Rizvi	2019	International Journal for Research in Applied Science and Engineering Technology	An Investigation for CNC Turning Parameters for Machining EN-24	2321-9653	<a href="https://www.ijraset.com/fileserve.php?FID=22821">https://www.ijraset.com/fileserve.php?FID=22821</a>
Dr Syed Asghar Husain Rizvi	2019	International Journal for Research in Applied Science and Engineering Technology	Experimental Investigation for Optimization of Wire- EDM Parameters During Machining of EN-8	2321-9653	<a href="https://www.ijraset.com/fileserve.php?FID=22818">https://www.ijraset.com/fileserve.php?FID=22818</a>
Dr Syed Asghar Husain Rizvi	2019	International Journal for Research in Applied Science and Engineering Technology	An Investigation to Analyze MRR, TWR and Surface Roughness During Parametric Optimization of EDM of EN-31	2321-9653	<a href="https://www.ijraset.com/fileserve.php?FID=22817">https://www.ijraset.com/fileserve.php?FID=22817</a>
Dr Syed Asghar Husain Rizvi	2019	International Journal for Research in Applied Science and Engineering Technology	Experimental Investigation for Optimization EDM Parameters Die Steel D3 to analyze MRR, TWR and Radial Overcut	2321-9653	<a href="https://www.ijraset.com/fileserve.php?FID=22822">https://www.ijraset.com/fileserve.php?FID=22822</a>

Author Name	Year	Journal Name	Title	ISSN	URL
Dr Syed Asghar Husain Rizvi	2022	Samriddhi: A Journal of Physical Sciences, Engineering and Technology	A Review of Studies on Performance Evaluation of Electro Discharge Machine	2454-5767	<a href="https://smsjournals.com/index.php/SAMRIDDHI/article/view/2544">https://smsjournals.com/index.php/SAMRIDDHI/article/view/2544</a>
Dr Syed Asghar Husain Rizvi	2020	International Journal for Research in Applied Science and Engineering Technology	An Investigation of Tensile Strength and Surface Roughness during Gas Metal Arc Welding of Alloy Steel	2321-9653	<a href="https://www.ijraset.com/files/serve.php?FID=31343">https://www.ijraset.com/files/serve.php?FID=31343</a>
Dr Syed Asghar Husain Rizvi	2020	International Journal for Research in Applied Science and Engineering Technology	Analysis of Weld Bead and Hardness during MIG Welding of Mild Steel	2321-9653	<a href="https://www.ijraset.com/files/serve.php?FID=31341">https://www.ijraset.com/files/serve.php?FID=31341</a>
Dr Syed Asghar Husain Rizvi	2020	International Journal for Research in Applied Science and Engineering Technology	Effect of Drilling Parameters on Delamination Factor and Roughness of Aluminium 6061	2321-9653	<a href="https://www.ijraset.com/files/serve.php?FID=31340">https://www.ijraset.com/files/serve.php?FID=31340</a>
Dr Syed Asghar Husain Rizvi	2020	International Journal for Research in Applied Science and Engineering Technology	Investigation of MRR, TWR and Radial Overcut at Varying Depth of Machining during Die Sinking EDM	2321-9653	<a href="https://www.ijraset.com/files/serve.php?FID=31342">https://www.ijraset.com/files/serve.php?FID=31342</a>
Dr Syed Asghar Husain Rizvi	2023	National Academy Science Letters	Migration of Electrode Material During Electro Discharge Machining	2250-1754	<a href="https://link.springer.com/article/10.1007/s40009-023-01254-7">https://link.springer.com/article/10.1007/s40009-023-01254-7</a>
Dr Syed Asghar Husain Rizvi	2021	Materials Today: Proceedings	Modeling of Kerf Width during WEDM of Die Steel D3	2214-7853	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2214785321071212">https://www.sciencedirect.com/science/article/abs/pii/S2214785321071212</a>
Dr Syed Asghar Husain Rizvi	2022	Samriddhi: A Journal of Physical Sciences, Engineering and Technology	Modeling of Surface Quality and Wire Offset during WEDM of Die Steel D3	2454-5767	<a href="https://smsjournals.com/index.php/SAMRIDDHI/article/view/2538">https://smsjournals.com/index.php/SAMRIDDHI/article/view/2538</a>
Dr Syed Asghar Husain Rizvi	2019	International Journal for Research in Applied Science and Engineering Technology	Parametric Optimization of MIG Welding Parameters of EN-31	2321-9653	<a href="https://www.ijraset.com/files/serve.php?FID=22816">https://www.ijraset.com/files/serve.php?FID=22816</a>
Er.Vivek Bajpai	2023	Iconic Research And Engineering Journals	Human-Robot Interaction: Challenges and	2456-8880	<a href="https://www.irejournals.com/formatedpaper/1704999.pdf">https://www.irejournals.com/formatedpaper/1704999.pdf</a>

Author Name	Year	Journal Name	Title	ISSN	URL
			Opportunities for Collaboration		