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**Research Paper Publication by Faculty (2025-26)**

Sr. No.	Name of Author	Title of Research Paper	Journal Name / Book Chapter	Year of Publication	ISBN/ ISSN No.
1	Mr. Tribhuwan Singh	Industry 4.0 and Smart Manufacturing: A Conceptual Study in Digital Transformation	Advances In Management Research: Theory and Prctices	October, 2025	978-3-96492-657-9

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1	Mr. Tribhuvan Singh	Material Elevation System using a rotating Helical Screw within a Cylindrical Casing	International Journal of Innovative Science and Research Technology	June, 2025	2456-2165
2	Mr. Awadhesh Kumar	Applied approach for vacuum tube collector in renewable energy systems	Materials Research Forum LLC	January, 2025	<a href="https://doi.org/10.21741/9781644903438-2">https://doi.org/10.21741/9781644903438-2</a>
3	Mr. Zakir Ali Hyderi	Applied approach for vacuum tube collector in renewable energy systems	Materials Research Forum LLC	January, 2025	<a href="https://doi.org/10.21741/9781644903438-2">https://doi.org/10.21741/9781644903438-2</a>
4	Mrs. Nishu Sharma	Solar Drive: An Arduino-Driven Braking Intelligence for Sustainable Mobility	International Journal of Innovative Science and Research Technology	June, 2025	2456-2165
5	Mr. Vishnu Kumar Singh	Micro Controller Based Door Locking System	International Journal of Innovative Science and Research Technology	June, 2025	2456-2165

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6	Mr. Vishnu Kumar Singh	Smart Stick: Arduino-Driven Blind Navigation	International Journal of Innovative Science and Research Technology (IJSRT)	June, 2025	2456-2165
7	Mr. Amit Kumar	A Review on Operational Development of a Hydroelectric Power Plant	International Journal of Innovative Science and Research Technology (IJSRT)	June, 2025	2456-2165
8	Mr. Prashant Kumar Sharma	Footstep Power Generation for Sustainable Urban Energy Harvesting	International Journal of Innovative Science and Research Technology (IJSRT)	June, 2025	2456-2165
9	Mr. Prashant Kumar Sharma	Solar Air: A Solar- Powered Air Purification System	International Journal of Innovative Science and Research Technology (IJSRT)	June, 2025	2456-2165

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**Research Paper Publication by Faculty (2023-24)**

Sr. No.	Name of Author	Title of Research Paper	Journal Name / Book Chapter	Year of Publication	ISBN/ ISSN No.
1	Mr. Banty Kumar	Fabrication & Design of Rack and Pinion for Four Wheel Power Steering	Industrial Engineering Journal	January, 2024	0970-2555
2	Mr. Anil Kumar	Fabrication & Design of Rack and Pinion for Four Wheel Power Steering	Industrial Engineering Journal	January, 2024	0970-2555
4	Mr. Awadhesh Kumar	Process Parameter Optimization for Joining Ti-6Al-4V by FSW Using VMC	Industrial Engineering Journal	January, 2024	0970-2555
5	Mr. Tribhuwan Singh	Process Parameter Optimization for Joining Ti-6Al-4V by FSW Using VMC	Industrial Engineering Journal	January, 2024	0970-2555
6	Mr. Zakir Ali Hyderi	Recent Advancements in Latent Heat Phase Change Materials and Their Applications in Thermal Energy Storage and Building	JUNI KHYAT Journal	January, 2024	2278-4632

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7	Mr. Sanjay Kumar Mavi	Fabrication & Design of Rack and Pinion for Four Wheel Power Steering	Industrial Engineering Journal	January, 2024	0970-2555
8	Mr. Kamal Kishor Sharma	Process Parameter Optimization for Joining Ti-6Al-4V by FSW Using VMC	Industrial Engineering Journal	January, 2024	0970-2555
9	Sachin Kumar	Static Analyses of Carbon Nanotube- Reinforced Composite Plates Using Finite Element Method with First Order Shear Deformation Plate Theory	Industrial Engineering Journal	January, 2024	0970-2555
10	Pawan Kumar	Static Analyses of Carbon Nanotube- Reinforced Composite Plates Using Finite Element Method with First Order Shear Deformation Plate Theory	Industrial Engineering Journal	January, 2024	0970-2555
11	Dheeraj Kumar	Static Analyses of Carbon Nanotube- Reinforced Composite Plates Using Finite Element Method with First Order Shear Deformation Plate Theory	Industrial Engineering Journal	January, 2024	0970-2555



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12	Mr. Vishnu Kumar Singh	Information Dynamics in Supply Chain Management	JUNI KHYAT Journal	December, 2023	2278-4632
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