RECENT RESEARCH PUBLICATIONS

Title of paper	Name of the author/s	Name of journal	Year of public ation	ISSN number	Link to the recognition in UGC enlistment of the Journal
Combustion and stability aspects of metal nanoparticles and its additive effect on diesel and biodiesel fuelled C.I. engine	Vishal Saxena, Niraj Kumar, Vinod Kumar Saxena	Renewable and Sustainable Energy reviews/RSER	2017	1364-0321	doi.org/10.1016/j.rser.2016.11.067
Biodiesel synthesis from Acacia concinna seed oil: A comprehensive study	Vishal Saxena, Niraj Kumar, Vinod Kumar Saxena	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2018	15567230, 15567036	· doi.org/10.1080/15567036.2018.1486912
Multi-objective optimization of modified nanofluid fuel blends at different TiO$_2$ nanoparticle concentration in diesel engine: Experimental assessment and Modelling	Vishal Saxena, Niraj Kumar, Vinod Kumar Saxena	Applied Energy	2019	3062619	doi.org/10.1016/j.apenergy.2019.04.091
Experimental investigations for rheological characteristics of TiO$_2$ nanoparticles doped diesel, biodiesel fuel blends for use in compression ignition engine.	Vishal Saxena, Niraj Kumar, Vinod Kumar Saxena, Vineet Singh, Anurag Maheswari	IOP- Material science and Engineering	2019	17578981, 1757899X	doi:10.1088/1757-899X/691/1/012022.
Numerical simulation of flow past a flat plate with anti-singing trailing edge. Published in "IOP- Material science and Engineering	Vishal Saxena, Anurag Maheswari, Niraj Kumar, Vineet Singh, and Manoj Kumar Singh	IOP- Material science and Engineering	2019	17578981, 1757899X	doi:10.1088/1757-899X/691/1/012021.
RSM/DFA computation approach for optimization and modelling of CI engine performance and emission characteristics fuelled with preheated fuel blend modified withTiO2 nanomaterial	Vishal Saxena, Niraj Kumar, Vinod Kumar Saxena	Materials Today: Proceedings	2020	22147853	doi.org/10.1016/j.matpr.2020.07.421
Influence of machining parameters on surface roughness and dry friction	Kumar N and Kumar P.	Engineering Solid Mechanics	2016	22918752	
New equations for enhanced film thickness in line contacts under pressurized ambient conditions	Kumar N and Kumar P.	ASME-Journal of Tribology	2017	0742-4787	
New equations for enhanced film thickness in line contacts under pressurized ambient conditions	Kumar N and Kumar P.	IMechE Part J: Journal of Engineering Tribology	2017	1350-6501	

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Comparative assessment of performance and emission characteristics of a C.I. engine using biodiesel and Gtl (gas to liquid) fuel	A. Triphati,V. Singh, V.R. Mishra, A. Nigam, N. Kumar, A. Maheswari	International journal of Engineering and Technology	2018	2227-524X	
Experimental investigation of solar room heater for commercial purpose	V. Singh, V.R. Mishra, A. Nigam, N. Kumar, A. Maheswari, S. kushwaha	International journal of Engineering and Technology	2018	2227-524X	
Influence of supply chain management on production cost and productivity-A case study	A. Nigam, V. Singh, N. Kumar & A. Maheswari	International journal of Engineering and Technology	2018	2227-524X	
Numerical simulation of flow past a flat plate with anti-singing trailing edge	A. Maheswari, N. Kumar, V. Singh, V. Saxena and M. K. Singh	IOP Conference Series: Material Science and Engineering	2019	17578981, 1757899X	doi:10.1088/1757-899X/691/1/012022.
Experimental investigation for rheological chartacteristics of TiO2 nanoparticles doped diesel, biodiesel fuel blends for use in compression ignition engine	V. Saxena, Niraj Kumar, V. K. Saxena, V. Singh. N. Kumar and A. Maheswari	IOP Conference Series: Material Science and Engineering	2019	17578981, 1757899X	doi:10.1088/1757-899X/691/1/012021.
Comparative assessment of performance and emission characteristics of a C.I. engine using biodiesel and Gtl (gas to liquid) fuel	A. Maheswari ,A. Triphati,V. Singh, V.R. Mishra, A. Nigam, N. Kumar,	International journal of Engineering and Technology	2018	2227-524X	
Experimental investigation of solar room heater for commercial purpose	A. Maheswari ,V. Singh, V.R. Mishra, A. Nigam, N. Kumar, S. kushwaha	International journal of Engineering and Technology	2018	2227-524X	
Influence of supply chain management on production cost and productivity-A case study	A. Maheswari , A. Nigam, V. Singh, N. Kumar	International journal of Engineering and Technology	2018	2227-524X	
Numerical simulation of flow past a flat plate with anti-singing trailing edge	A. Maheswari, N. Kumar, V. Singh, V. Saxena and M. K. Singh	IOP Conference Series: Material Science and Engineering	2019	17578981, 1757899X	doi:10.1088/1757-899X/691/1/012022.
Experimental investigation for rheological chartacteristics of TiO2 nanoparticles doped diesel, biodiesel fuel blends for use in compression ignition engine	A. Maheswari , V. Saxena, Niraj Kumar, V. K. Saxena, V. Singh. N. Kumar	IOP Conference Series: Material Science and Engineering	2019	17578981, 1757899X	doi:10.1088/1757-899X/691/1/012021.
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Experimental investigation of solar room heater for commercial purpose	V. Singh, A. Maheswari , V.R. Mishra, A. Nigam, N. Kumar, S. kushwaha	International journal of Engineering and Technology	2018	2227-524X	

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Numerical simulation of flow past a flat plate with anti-singing trailing edge	Vineet Singh, A. Maheswari, N. Kumar, , V. Saxena and M. K. Singh	IOP Conference Series: Material Science and Engineering	2019	17578981, 1757899X	doi:10.1088/1757-899X/691/1/012022.
Experimental investigation for rheological chartacteristics of TiO2 nanoparticles doped diesel, biodiesel fuel blends for use in compression ignition engine	Vineet Singh, V. Saxena A. Maheswari , V. Saxena, Niraj Kumar, V. K. Saxena,. N. Kumar	IOP Conference Series: Material Science and Engineering	2019	17578981, 1757899X	doi:10.1088/1757-899X/691/1/012021.
Competitiveness of the Indian electronics manufacturing industry: an interpretive structural modeling approach	Singh, M. K., Kumar, H., Gupta, M. P. & Madaan, J	**Measuring Business Excellence: Emerald publications.**	2017	1368-3047	https://doi.org/10.1108/MBE-12-2016-0063
Analyzing the Determinants Affecting the Industrial Competitiveness of Electronics Manufacturing in India by Using TISM and AHP	Singh, M. K., Kumar, H., Gupta, M. P., & Madaan, J.	**Global Journal of Flexible Systems Management**	2017	40171-018	https://doi.org/10.1007/s40171-018-0182-z
Information communication Technology advancements and Indian electronics manufacturing productivity: an AHP approach	Singh, M. K., Kumar, H., Gupta, M. P. & Madaan, J.	**Global Journal of E-Business and Knowledge Management**	2017	0973-2055	
A policy framework for city eligibility analysis: A TISM and fuzzy-MICMAC weighted approach to select a city for smart city transformation in India.	Kumar, H., Singh, M. K., & Gupta, M. P.	**Habitat International.** Elsevier	2018		https://doi.org/10.1016/j.landusepol.2018.12.025
Moving towards smart cities: smart service solutions for smart city transformation using crowdsourcing and mind map design techniques.	Kumar, H., Singh, M. K., Gupta, M. P., & Madaan, J.	Journal of **Technological Forecasting and Social Change**, Elsevier	2018		https://doi.org/10.1016/j.techfore.2018.04.024
Smart governance: A study using multivariate analysis technique to prioritize socio-techno governance synergy for smart cities. (under 2nd review)	Kumar, H., Singh, M. K., Gupta, M. P., & Madaan, J. (	**IEEE Transaction on Emerging Topics in Computing**	2018		
The socio-influences of users' generated content in emerging markets: A TISM fuzzy-MICMAC approach to delineate people centric social commerce practices.	Kumar, H., Singh, M. K., & Gupta, M. P.	**Marketing Intelligence and Planning**	2018	0263-4503	https://www.emerald.com/insight/content/doi/10.1108/MIP-12-2017-0347/full/html
Smart neighborhood: A TISM approach to reduce urban polarization for the sustainable development of smart cities.	Kumar, H., Singh, M. K., Gupta, M. P. & Madaan, J.	**Journal of Science and Technology Policy Management**	2017	2053-4620	https://www.emerald.com/insight/content/doi/10.1108/JSTPM-04-2017-0009/full/html

Title	Authors	Journal	Year	ISSN	Link
Evaluating the competitiveness of Indian metro cities: in smart city context	Kumar, H., Singh, M.K. and Gupta, M.P.	*Int. J. Information Technology and Management*	2017	1741-5179	https://doi.org/10.1504/IJITM.2017.086866
Numerical simulation of flow past a flat plate with anti-singing trailing edge	M. K. Singh, Vineet Singh, A. Maheswari, N. Kumar, , V. Saxena	IOP Conference Series: Material Science and Engineering	2019	17578981, 1757899X	doi:10.1088/1757-899X/691/1/012022.
Air quality index, ventilation coefficient and polution potential studies over bareilly city uttarpradesh	Karuna, M. S., Upadhyay, O. P., Dinesh Kumar Saxena, 4Mahadeva Swamy, and *,4Shobhan Majumder	International Journal of current research	2017	0975-833X	http://www.academia.edu/download/55541578/28170.pdf
Ambient Air Quality Monitoring And Prediction of Air Pollutants Using ISCST3 And CALINE4 Dispersion Models For Vehicular Emissions At Bareilly, Uttar Pradesh, India	Karuna, M. S., Upadhyay, O. P., Dinesh Kumar Saxena, 4Mahadeva Swamy, and *,4Shobhan Majumder	IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)	2017	2319-2399	https://www.academia.edu/download/55389516/C1112021429_2.pdf
The role of vocational education in India to make skill development programme a success	Shehla Praveen, Nalini Sirivastav, T U Siddiqui	UGC SI no. 1962, Journal NO. 40943	2017		
Micro wire electic discharge maching of Mg alloy used in biodegradable orthopaedic implants	T. U Siddiqui, J. rajkumar	Materials Today: Proceedings	2017	https://doi.org/10.1016/j.matpr.2017.06.363	https://doi.org/10.1016/j.matpr.2017.06.364
Design fabrication and characterization of a self lubricated textured tool dry maching	T. U Siddiqui, Sumit Kr. Singh	Materials Today: Proceedings	2020	https://doi.org/10.1016/j.matpr.2020.09.259	https://doi.org/10.1016/j.matpr.2020.09.260
Effect of phosphorus addition on the dry sliding behavior of Fe-P alloys prepared by powder forging	S.K. Chaurasia, U. Prakash, V.V. Dabhade and S.K. Nath	Metallography, Microstructure and Analysis	2018	2192-9262	2192-9262
Dry sliding wear of Fe based powder Processed through Hot Powder forging technique	S.K. Chaurasia,U. Prakash, V.V. Dabhade and S.K.Nath	Materials Today: Proceedings	2018	2014	
Effect of Phosphorus on Microstructure and Mechanical Properties of Iron-Based Alloys Processed through Powder Forging	S.K.Chaurasia,U. Prakash, V.V. Dabhade	Metallography, Microstructure and Analysis	2017	2192-9262	2192-9262