

List of research publications in Non-SCI/Non-Impact journals

S. No.	Title of the paper	Name of the Journal with volume, page nos., year	Name of the authors
1	Comprehensive characterization of grounded bottom ash from Indian thermal power plant	Journal of Residuals Science and Technology, Vol 1, No1, pp 1-10, January 2017	Singh, G., Kumar S., Mohapatra, S. K., and Kumar, K
2	Review on CFD modelling of fluidized bed combustion systems based on biomass and co-firing	Journal of Institution of Engineers (India)- Series C, doi:10.1007/s40032-017-0361-2, May 2017	Kumar, H., Mohapatra, S. K., Singh, R.I.,
3	Effect of addition of bottom ash on the rheological properties of fly ash slurry at varying temperature	IOP Materials Science and Engineering, 149, 1-5, 2016	Kumar S., Kumar K., Gupta M and Garg H.C
4	Simulation of Erosion Wear in Slurry Pipe Line Using CFD	Applied Mechanics and Materials, 852, 459-465, 2016	Kannojiya.V; Kumar S., Mohapatra, S. K.; S, Manikanwar
5	Erosion wear in a slurry Pipe with multisized coal and bottom ash Slurries	Materials Today: Proceedings 4, 3565-3571, 2017	Singh G, Kumar S., and Mohapatra, S. K
6	Characteristics of fly ash in relation of soil amendment	Materials Today: Proceedings 4, 527-532, 2017	Kumar S., Kumar K., and Gupta M
7	Model reduction in vehicle dynamic systems	1. International Journal of Modelling and Simulation, DOI:10.1080/02286203.2016.1273040 Vol. 37, No. 2, pp. 67-81, 2017.	Singh R., Singh M., and Bera T. K.
8	Algorithms for Accurate and Fast Plotting of Contour Surfaces in 3D using Hexahedral Elements	Journal of the Institution of Engineers (India), Series C; Vol. 97 (3), pp. 389-405 2016	Chandan Singh, J. S. Saini
9	Non-Linear Creep Analysis of Ceramic Specimen using Finite Element Method	Journal of the Institution of Engineers (India), Series C; Vol. 97 (3), pp. 417-430 2016	Saurabh Khera, J. S. Saini

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10	Biodiesel production process optimization from babassu oil by taguchi method and its fuel properties	International Journal of Engineering Trends and Technology (IJETT), Volume-46 Number-4 - April 2017, Thomson Reuters endnote, pp. 208-213.	S S Ragit, B. Pandey, & S L Gadhave
11	Comparison of Almond, undi and sesame oils for biodiesel: A Review	Global Journal of Engineering Science and Research Management, ISSN 2349-4506, DOI: 10.5281/zenodo.264095, 4(1): December, 2017], Thomson Reuters endnote, pp. 82-91.	S S Ragi, B. Pandey & nitin Kumar
12	Optimization of transesterification of safflower seed oil, performance & emission characteristics of safflower oil methyl ester and its diesel blends in C.I. Engine: A Review	IJETMAS, ISSN 2349-4476, January 2017	S S Ragit, S K Mohapatra, & Nitin Kumar
13	Transesterification Process of bitter almond oil and its Fuel Characterization for Diesel Engine Performance	International Journal of Engineering Trends and Technology (IJETT), Volume-42 Number-8 - December 2016, Thomson Reuters endnote, pp. 421-424.	Nitin Kumar, S.S.Ragit, & S. K. Mohapatra
14	Performance & Emission study of Indian Brown hemp oil methyl ester in a 4S, Single cylinder water cooled Diesel Engine	IJERT, Vol.6, pp.15-19.	B Pandey, S S Ragit & S Kumar
15	Safflower oil methyl ester: Optimization of trans-esterification process and fuel characterization for CI engine performance,	Global Journal of Engineering Science and Research Management, ISSN2349-4506, 3(12), DEC 2016, pp 108-112.	Kumar, N., Ragit, S. S., Mohapatra, S. K

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16	Analysis of rheological behavior of coal oil slurry fuel with additives.	Journal of Basic and Applied Science, Volume 3, Issue 12, October-December, 2016, pp 1052-1056, e ISSN: 2350-0255.	Vishnoi, N., and Mohapatra, S. K.,
17	Producer gas production from cotton stalk and sugar cane bagasse in a downdraft gasifier	Journal of Basic and Applied Science, Volume 3, Issue 12, October-December, 2016, pp 1034-1037, e ISSN: 2350-0255.	Kumar, S., Saini, N., and Mohapatra, S. K.
18	Simulation of erosion wear in slurry pipe line using CFD,	Applied Mechanics and Materials, 852, pp 459-465, 2016	Kanojiya, V., Kumar S., Kanwar M., Mohapatra, S. K.,
19	Producer gas production from cotton stalk and sugar cane bagasse in a downdraft gasifier	Journal of Basic and Applied Science, Volume 3, Issue 12, October-December, 2016, pp 1034-1037, e ISSN: 2350-0255.	Kumar, S., Saini, N., and Mohapatra, S. K.
20	Simulation of erosion wear in slurry pipe line using CFD,	Applied Mechanics and Materials, 852, pp 459-465, 2016	Kanojiya, V., Kumar S., Kanwar M., Mohapatra, S. K.,