



Vidyavardhini's College of Engineering and Technology, Vasai

विद्यावर्धनीचे अभियांत्रिकी आणि तंत्रज्ञान महाविद्यालय, वसई

Founder President Late Padmashri. H.G. VARTAK

(Approved by AICTE and Affiliated to the University of Mumbai)

Four Branches Permanently Affiliated by University of Mumbai

DEPARTMENT OF MECHANICAL ENGINEERING

JOURNAL PAPER PUBLICATIONS

Title of paper	Name of the author's	Dept. of teacher	Name of Journal	Year of Publication	ISBN / ISSN Number	Link of the recognition in UGC enlistment of the Journal
In-situ Alkaline Transesterification of Castor Seeds: Optimization and engine performance, combustion and emission characteristics of blends	Dasari, S. R.; Chaudhary, A. J.; Goud, V. V.; Sahoo, N.; Kulkarni, V. N.	Mechanical	Energy Conversion and Management- Elsevier	2016-17	0196-8904	http://dx.doi.org/10.1016/j.enconman.2017.03.044
Influence of waste cooking oil methyl ester biodiesel blends on the performance and emissions of a diesel engine	Borugadda V. B., Paul, A. K., Chaudhari, A. J., Kulkarni, V., Sahoo, N., Goud, V. V.	Mechanical	Waste and Biomass Valorization- Springer	2016-17	1877-2641	https://doi.org/10.1007/s12649-016-9749-0
Modeling and experimental validation of a unitized regenerative fuel cell in electrolysis mode of operation	Amit C.Bhosale; Swapnil R.Mane; DebanandSingdeo and Prakash C.Ghosh	Energy science and Engineering	Energy- Elsevier	2016-17	ISSN: 0360-5442	https://dx.doi.org/10.1016/j.energy.2017.01.031
Design and Fe analysis of composite pressure vessel	Mahendiali Khorajiya, Mohammadhasan Agharia, Farhan Manasiya, Mahedihasan Madania, Mukund Kavekar	Mechanical	International Journal of Research in Advent Technology	2015-16	ISSN:2321-9637	http://www.ijrat.org/downloads/Vol-4/march-2016/paper%20ID-43201642.pdf



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Rubber Seed Oil Methyl Ester Synthesis, Engine Performance, and Emission Characteristics of Blends	Reshad A.S., Barman P., Chaudhari A. J., Tiwari P., Kulkarni V., Goud V.V., and Sahoo N.	Mechanical	Energy and Fuels- Springer	2015-16	0887-0624	http://doi.org/10.1021/acs.energyfuels.5b01033
Simulation Models for Spark Ignition Engine: A Comparative Performance study	Ashish J. Chaudhari, Niranjana Sahoo, Vinayak Kulkarni	Mechanical	Energy Procedia- Elsevier	2014-15	1876-6102	http://dx.doi.org/10.1016/j.proeng.2014.12.102
Effect of variable compression ratio and intake charge dilution on fuel efficiency and emission for a spark ignition engine	Ashish J. Chaudhari, Vinayak Kulkarni, Niranjana Sahoo,	Mechanical	SAE Journal	2014-15	1487191	http://doi.org/10.4271/2015-01-0772