

D.Y.Patil College of Engineering Akurdi Pune -44
Department of Mechanical Engineering

Research Publications							
Faculty Publication 2015-16							
Sr. No	Title of Paper	Journal Title	Date and Year of Publication	Name of Authors	DOI No	Volume & Pages	ISBN/ ISSN No
1	Issues of Planar Solid Oxide Fuel Cell Stack	2015 AIChE Annual Meeting	November 8-13,2015	Dr. Tapobrata Dey, Debanand Singdeo, Manaswita Bose and Prakash C. Ghosh	NA		
2	A Review on-Fluid Structure Interaction	International Journal of Innovative and Emerging Research in Engineering	2016	Deepak.S.Patil, Dr.Tapobrata Dey	NA	Volume 3	e-ISSN:2394-3343
3	Studies on Stability of Diesel Biodiesel and Butanol Blends and Evaluation of Performance of Diesel Engine with Selected Blends	International Journal On Innovations in Mechanical and Automotive Research	2015	Mr. S. D. Marjapure , H. C. Ravi, M. D. Anil	NA	Vol-1& PP- 27-33	ISSN: 2395-4493
4	Performance of Biodiesel Produced Via Acid Catalysts and its Blends with Diesel	International Journal of Innovative and Emerging Research in Engineering(IJIERE)	MEPCON 2015	Shyamsing V.Thakur, Dr.S. M. Lavankar	NA	Volume 2, Issue 1	
5	Study and Design of Solar Grain Dryer	International Journal of Advanced Engineering Technology	Jan.-March.,2016	Mankarnika Mane	NA	Vol.VII, Issue 1 &Pages 242-243	e-ISSN 0976-3945
6	Finite Volume Time Domain method(FVTD) for the Solution of 2D Maxwell's Equation	International Engineering Research Journal(IERJ)	2015	Nilesh K. Birajdar, Dr. Narendra R. Deore	NA	Issue,2 Page, 290-294	ISSN 2395-1621
7	Design Development Analysis of Exhaust Gas Recirculation System For CNG Fuelled SI Engine	”(IOSR-JMCE)Journal For Mechanical And Civil Engineering	Jan-Feb.2015	Pravin T Nitinware,Vaibhav N Ganvir	NA	Volume 13 &PP-27-35	e-ISSN:2278-1684,p-ISSN:2320-334X
8	Effects of Equal Spark Timing on Performance Emission and Combustion Characteristics of SI engine Using Hydrogen and CNG blends	CROSS MARK,SPRINGER	2015	P. T. Nitinware, J.G. Suryawanshi	DOI 10.1007/s40430-016-0508-8CROSS MARK,SPRINGER		
9	Review On Non Conventional Energy Source Operated Agricultural Pesticide Compact Spray Pump	International journal of Innovative Research in Science, Engineering and Technology.	2015	Pravin R Ambulkar, Anup R Chaple, Swapnil R Nimbhorkar	NA		ISSN Online 2319-8753

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10	Analysis of Gear Pair Contact To Predict Efficiency	IJAPME	2015	Ravindra Lahane, Dr.H.P.Jawale	NA	VOL-1,ISSUE 5	ISSN Print 2394-6202(ONLINE):2394-6210
11	Analysis of Gear pair Contact To Predict Efficiency	International journal of Engineering science and research and Technology	Jan-15	Ravindra Lahane, Mr.Nilesh Pawar,Swapnil Gogardhare	Impact factor 3.785		ISSN:2277-9655(I20R)
12	Non-equilibrium Thermodynamics of Rayleigh-Taylor instability	International Journal Thermophys 37-36 JETC 2015:13Th Joint European Thermodynamics Conference, SPRINGER	2016	Tapan K. Sengupta, Aditi Sengupta, Soumyo Sengupta, Ashish Bhole, K.S.Shruti	NA		
13	Modelling Moisture Ingress through polyisobutylene-based edged seals	Progress in Photovoltaic Research and Applications	May-15	MD Kempe, D. Panchagade , MO Reese, AA Dameron	NA	Vol 23 & Pages 570-581	
14	Experimental Verification of Electrically Powered Hybride Suspension for Automobile	International Journal of Engineering Sciences & Research Technology	December, 2015	Vaibhav Gulab Aher , Prof K. M. Narkar, Dr. D. R. Panchagade	NA	4(12)	ISSN: 2277-9655
15	Introduction to the Comprehensive Technique of Lean Manufacturing in small & Medium Scale Process Industries	International Journal for Scientific Research and Development	Mar-16	Shyamsing V.Thakur, Dr.A.G.Matani, A. Hudge	NA	Volume 4	
16	Biodiesel Production And Processing: The Review	International Journal for Scientific Research and Development	January 2015.	Shyamsing V.Thakur, Dr.S.M.Lavankar	NA	Volume 2, Issue 11	
17	Review on Particle Damping Technique for Vibration Suppression	International Journal of Innovative Research in Science, Engineering and Technology	Mar-16	Vikas L. Shinde , Ajay K.Pathak	NA	Vol. 5, Issue 3,	ISSN(Online): 2319-8753 ISSN (Print): 2347-6710
18	Design of Agricultural Mechanical weed Mower	International Engineering Research Journal(IERJ)	2015	Mr. Amrutsingh J. Patil, Dr. Dhananjay Panchagade,	NA	Issue 2,Pages 693-699	ISSN 2395-1621