

SDM College of Engineering and Technology, Dharwad

Department of Mechanical Engineering

LIST OF PUBLICATIONS –(Scopus/SCI-INDEXED), CAY (2018-19)

Sl No	Author	Title	Journal details	Volume, Issue	Year
1	Dr. J. Y. Kudariyavar	Experimental investigation of heat transfer and pressure drop characteristics by using twisted tapes of different twist ratio	IOP Conference series: Materials Science and Engineering	455 DOI: 10.1088/1757-899X/455/1/012067	2018
2	Dr. K. N. Patil	Model development and evaluation of global and diffuse luminous efficacy for humid sub-tropical region	Elsevier Publishing, Renewable Energy	Volume 119 PP 375-387	2018
3	Dr. K. N. Patil	Performance Prediction and Assessment of Energy Conservation Potential for a Light Pipe System in Indian Composite Climate of New Delhi	Journal of Solar Energy Engineering	Vol. 140 / 051012-1	2018,
4	Dr. V.S. Yaliwal	Simultaneous optimization of multiple operating engine parameters of a biodiesel-producer gas operated compression ignition (CI) engine coupled with hydrogen using response surface methodology	Elsevier Publishing, Renewable Energy	Vol.139 PP 944-959	2019
5	Dr. V.S. Yaliwal	Fuel efficiency enhancement of modified diesel engine operated in dual fuel mode using renewable and sustainable fuels, International Journal of Sustainable Engineering,	Taylor and Francis Publications, IJSE	DOI: 10.1080/19397038.2019.1608331	2019
6	V. S. Yaliwal.	Comparative study of various biofuel combinations derived from agricultural residues on the performance and emissions of CI engine,	International Journal of Sustainable Engineering,	DOI: 10.1080/19397038.2019.1634774	2019.
7	Dr. V.S.	CHAPTER 11 in Energy	Elsevier	ISBN: 978-0-	2018

	Yaliwal,	from Toxic Organic Waste for Heat and Power Generation ISBN Indexed book Title: Power Generation From Renewable Energy Sources Derived From Biodiesel and Low Energy Content Producer Gas for Rural Electrification	Publishing,	08-102528-4 PP 151-192	
8	Dr. V.S. Yaliwal	Performance and emission characteristics of a CNG-Biodiesel dual fuel operation of a single cylinder four stroke CI engine	IOP Conf. Series: Materials Science and Engineering	376 (2018) 012028 doi:10.1088/1757-899X/376/1/012028	2018
9	Dr. V.S. Yaliwal	Effect of combustion geometry on combustion, performance and emission characteristics of CI engine using simarouba oil methyl ester	IOP Conf. Series: Materials Science and Engineering	376 (2018) 012001 doi:10.1088/1757-899X/376/1/012001	2018
10	Dr. P S Shivakumar Gouda	Thermal analysis on x-ray tube for exhaust process	IOP Conference Series: Materials Science and Engineering	Volume 310, doi:10.1088/1757-899X/310/1/012162	2018
11	Dr. P S Shivakumar Gouda	Thermal and Vibrational Characteristics of Single Point Cutting Tool on Aluminum and Wrought Carbon Grade B (WCB) Samples	Materials Today: Proceedings Pages 11423-11429	Volume 5, Issue 5, Part 2, 2018, https://doi.org/10.1016/j.matpr.2018.02.110	2018

12	Dr. P S Shivakumar Gouda	Effect of tungstan carbide reinforcement on the aluminium 6061alloy +ASTM	Journal of Testing and Evaluation, ASTM	DOI:10.1520/JTE20170545	2018
13	Dr. P.S.Shivku mar Gouda	Physico-mechanical response of phenolic resin composites reinforced with jute and banana fibers	Conference Proceedings	2057, 020016 (2019); https://doi.org/10.1063/1.5085587	2019
14	Dr. P.S.Shivku marGouda	Artificial Neural Network Prediction On Wear Of Al6061 Alloy Metal Matrix Composites Reinforced With -Al2 O3	Materials Today: Proceedings	PP 11268–11276	2018
15	Dr. P.S.Shivku marGouda	Influence of Kenaf and GO on interlaminar radial stresses in glass/epoxy L-bend laminates	SN Applied science. Springer Nature Publications	PP: 1-19	Dec 2018
16	Dr. P.S. ShivakumarGoudac Dr. I.Sridhar	Viscoelastic Behavior of Cellulose Coated Glass/Kevlar Epoxy Composite Laminates using Dynamic Mechanical Analyzer	Materials Today: Proceedings	Volume 5, Issue 11, Part 3, 2018, Pages 25486-25493	2018
17	Dr. I.Sridhar P.S. Shivakumar Gouda	Improved Delamination Behaviour in Glass-Cotton Reinforced Hybrid Composites	Materials Today: Proceedings	Volume 5, Issue 11, Part 3, Pages 24984-24996	2018
18	Prof. Abilash Desai	Experimental investigation on the effects of fiber orientation on translaminar fracture toughness for glass-epoxy composite under mixed Mode I/II load	AIP Conference Proceedings 2057, 020010 (2019);	https://doi.org/10.1063/1.5085581	2019

19	Dr. P.S. ShivakumarGoudac	Physico-mechanical response of phenolic resin composites reinforced with jute and banana fibers.	AIP Conference Proceedings. 2057, 020016.	https://doi.org/10.1063/1.5085587	2019.
20	Dr. P.S. ShivakumarGoudac	Determination of residual stresses in GFRP composite using incremental slitting method by the aid of strain gauge.	AIP Conference Proceedings. 2057, 020038.	https://doi.org/10.1063/1.5085609	2019

LIST OF PUBLICATIONS (NON-INDEXED), CAY (2018-19)

Sl No	Author	Title	Conference Details	Volume, Issue	Year
1	Dr. V. S. Yaliwal	Industrial automation using embedded system	JETIR www.jetir.org (ISSN-2349-5162)	Volume 5, Issue 6	2018
2	Dr. V.S. Yaliwal,	Utilization of hydrogen in a biodiesel-producer gas fuelled compression ignition engine operating on dual fuel mode	JETIR www.jetir.org (ISSN-2349-5162)	Volume 5, Issue 6	2018

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National/International conference, Cay (2018-19)

Sl No	Author	Title	Conference Details	Volume, Issue	Year
1	Praveen Harari V.S. Yaliwal.	Effect of Injection Timing on the Performance and Emissions of Homogeneous Charge Compression Ignition Engine Operated with Compressed Biogas and Thevetia Peruviana Methyl Ester	International conference in advances in Mechanical Engineering and Management,	Vidyavardaka college of Engineering, Mysore 22 nd - 23 rd , March 2019, Page No, 22	2019
2	V.S. Yaliwal. Sushruth Halewadimath	Influence of Hydrogen Addition on the Performance and Emission Characteristics of a Diesel Engine Operated on Dual-Fuel Mode Using Renewable Liquid and Gaseous Fuels	International conference in advances in Mechanical Engineering and Management	Vidyavardaka college of Engineering, Mysore 22 nd - 23 rd , March 2019, Page No: 39	2019
3	K. M. Akkoli, P.B. Gangavati. N.R. Banapurmath, V.S. Yaliwal	Performance And Emission Characteristics Of Producer Gas Operated Dual-Fuel Diesel Engine With Cooling Cleaning System	International conference on Advances in power generation from renewable energy sources	Govt.Engg.Co llege, Banswara 11 - 12, Feb 2019	2019
4	Dr. S. S. Honnungar	A review on methodologies for synthesis of hydroxyapatite	2 nd International conference on manufacturing excellence (ICMAX-2019)	ISSN: 978-93-88441-694	2019
5	Prof. S. G. Bindagi	Influence of Grain exposure on Performance consistency of Laser Dressed Wheels in internal grinding	13 th Asia-Pacific conference on Materials 2018processing		2018