

MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
 (Permanently Affiliated to University of Mumbai)
DEPARTMENT OF MECHANICAL ENGINEERING
 (NBA- Accredited UG Program)

FACULTY PUBLICATIONS IN CONFERENCES

Sr. No	Title of the Paper	Author/s Name	Name of the Conference	Year
1	Evaluation of Performance Characteristics and Bite Condition of Single Ferrule Bite Fitting by Finite Element Analysis (FEA)	P.R. Potdar	Proceedings of International Conference on Intelligent Manufacturing and Automation, 20 –21 July, 2018, Mumbai	2018
2	Optimization of the Chest Geometry for the Storage and Transportation of Fruits and Vegetables	P.R. Potdar, N.J. Panaskar	Proceedings of International Conference on Intelligent Manufacturing and Automation, 20 –21 July, 2018, Mumbai	2018
3	Investigation Of Non-Pneumatic Tires Based On Helical Hexagonal Cellular Structure	K.M. Chaudhari	Proceedings of the ASME 2018 International Mechanical Engineering Congress and Exposition IMECE 2018, November 9-15, 2018, Pittsburgh, PA, USA	2018
4	Analytical and Numerical Modeling of Graphene based RF-NEMS Switch	V.B. Sawant	2nd International Conference on Advancements in Aeromechanical Materials for Manufacturing 13–14 July 2018, Telangana, India	2018
5	Graphene/MoS2 Based RF-NEMS Switches for Low Actuation Voltage and Enhanced RF-Performance	V.B. Sawant	9th International Conference on Computing, Communication and Networking Technologies 2018 (ICCCNT), Bangalore, India	2018
6	Modeling and Analysis of Low Voltage, High Isolation Capacitive type RF-MEMS Switches	V.B. Sawant	9th International Conference on Computing, Communication and Networking Technologies 2018 (ICCCNT), Bangalore, India	2018

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7	Modeling And Validation Of Capacitive Type RF Membranes Switches For Low Actuation Voltage And High Isolation	V.B. Sawant	Proceedings of the ASME 2018 Dynamic Systems and Control Conference DSCC 2018, September 30-October 3, 2018, Atlanta, Georgia	2018
8	A Review of Temperature Variation and its Effect in Hydrodynamic Journal Bearing	M.R. Valse	International conference on Tribology, VJTI, 13th-15th December 2018, Mumbai	2018
9	Heat Transfer Enhancement Using Perforated Fins: Review	R.V. Kale	National Conference on Emerging trends in Mechanical engineering (NCETME 2019) 7-8 February 2019. Vishwakarma Institute of Technology, Pune	2018
10	Rediscovering Industries from the Perspective of Industry 4.0-A Review	D.S. Pandey, A.V. Gotmare, S.U. Bokade	3rd National Conference on Industrial Engineering & Technology Management NCIETM Nov 30 – Dec 1, 2018, Mumbai	2018
11	Key Challenges and Issues for Product Development of next generation Implantable Orthopedic Medical Devices	A.L. Mangrulkar	3rd National Conference on Industrial Engineering & Technology Management NCIETM Nov 30 – Dec 1, 2018, Mumbai	2018
12	Comprehensive Contact Material Selection Approach for RF MEMS Switch	V. B. Sawant	Second International Conference on Large Area & Flexible Microelectronics (ILAFM 2016), Elsevier	2018
13	Study of Sustainability in a Volatile Business Environment	S.U. Bokade, D.S. Pandey	International Conference of Manufacturing and Industrial Engineering, ICMIE-121	2017
14	Study of Relationship Between Overall Equipment Efficiency and Sustainable Manufacturing for Reducing waste during Manufacturing Process	S.U. Bokade, D.S. Pandey	International Conference of Manufacturing and Industrial Engineering, ISBN: 978-93-86238-39-9	2017
15	Review on Friction Stir Lap welding of Aluminium and Copper : Effect of process parameters	S.U. Bokade, N.J. Panaskar, P.R. Potdar	International Conference of Manufacturing and Industrial Engineering, ISBN: 978-93-86238-39-9	2017

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16	Evaluating performance of RF MEMS switch at elevated temperatures	V B Sawant	International Conference on Nascent Technologies in Engineering (ICNTE), Electronic ISBN: 978-1-5090-2794-1, Print on Demand(PoD) ISBN: 978-1-5090-2795-8, IEEE	2017
17	Design and Development of an Extruder Assembly to enhance the performance of a Plastic 3D printer	P.R. Potdar, N.J. Panaskar	International Conference on Industrial Engineering, 978-93-86238-39-9	2017
18	Study of Joining Different Types of Polymers by Friction Stir Welding. In: Mandal D.K., Syan C.S. (eds) CAD/CAM,	N.J. Panaskar	Springer, New Delhi”, 978-81-322-2738-Robotics and Factories of the Future. Lecture Notes in Mechanical Engineering	2017
19	Modeling Project Risk Management for Asset-Propelled Industries using Business Intelligence (BI): A Research Proposal	P.R. Potdar	International conference on “Evolutions in manufacturing: Technologies and Business Strategies for Global competitiveness”, 978-93-86256-11-9	2017
20	Exploring success factors for effective implementation of Business Analytics	P.R. Potdar	Changing Technology and Rural Development, 2395-1052	2017
21	Fleet Utilization Improvement by Real-Time Fleet Health Monitoring: A Case study of Asset Propelled Industry	P.R. Potdar	1st International Conference on “Advance in Mechanical Engineering, 978-93-5265-488-8	2017
22	Selection of The Best Manufacturer using TOPSIS and PROMETHEE for Asset Propelled Industry (API)	P.R. Potdar	1st International Conference on Emerging Trends in Mechanical Engineering-2016, ISBN 9788131427941	2017
23	Quality control tools for reducing customer complaints in a Label Manufacturing firm	D.S. Pandey	MULTICON-2017, ISSN 2229-5518	2017
24	Numerical Simulation and experimental prediction of high Reynolds number flows in curved square duct	R.V. Kale	National Conference on Innovations in Mechanical Engineering, ISSN 2229-5518	2016
25	Comprehensive Bridge Material Selection Approach for RF MEMS	V. B. Sawant	6 th International and 27 th AIMTDR conference	2016

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	Switch		proceedings, College of Engineering, Pune, ISBN: 978-93-86256-27-0, AIMTDR	
26	Evaluating performance of RF MEMS switch at different temperatures	V. B. Sawant	3rd International Conference on Emerging Electronics, IITB Proceedings,	2016
27	Root Cause analysis and product improvement: A case study in Moulded Case Circuit Breaker Manufacturing Industry	P.R. Potdar	3rd International Conference on Industrial Engineering, 978-93-84935-56-6	2016
28	Waste Sunflower Oil as an Alternative Fuel for Diesel Engine”, International Conference on Nascent Technologies in Engineering	K.M. Chaudhary	, ICNTE-2015, 978-1-4799-7261-6	2015
29	Emissions: modeling by RSM & factorial design with comparison	A.G. Londhekar	National Symposium of Mechanical Engineering Research Scholars, 1662-7482	2015
30	Investigations of karanja oil blends on CI engine by enriched hydrogen	A.G. Londhekar	International journal of Advanced Technology in Engineering and Science (IJATES), (ISSN 2348-7550)	2014
31	Book Chapter of 'In Proceedings of the 1st International Joint Symposium on Joining and Welding	N.J. Panaskar	Edited by Hidetoshi Fujii,, Woodhead Publishing, N.J. Panaskar and A. Sharma, 2013 : On feasibility of friction stir processing of cylindrical hole”, 9781782421634	2014
32	Flow Pattern and heat transfer mechanism in an Agitated thin film evaporator	D.S. Pandey	National Conference on Role of Engineers in Nation Building-2014, NCRENB-2014	2014
33	Long Range Forecasting of Electricity Demand and Supply for Maharashtra	R.V. Kale	IEEE sponsored international conference on Renewable Energy and	2013


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			sustainable energy, 978-1-4799-2075-4	
34	Water Jet Cutting System	A.L. Mangrulkar	National Conference on Recent Trends in Engineering and Technology	2013
35	Developing community electric centre by rejuvenating Dead Lead Acid Batteries under energy alternative source	A.L. Mangrulkar	Proceedings on the Advances in Mechanical Engineering, ICAME 2012	2012
36	Experimental analysis of vacuum tube solar collector	A.L. Mangrulkar	Proceedings on the Advances in Mechanical Engineering, ICAME 2012	2012