

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of Journal/ Conference	Year of publication
1	Design and optimization of selected thermal devices using Improved Jaya algorithm	Dr. K.C. More	Mechanical Engineering	Energy Conversion and Management	2017
2	Optimal Design and Analysis of Mechanical Draft Cooling Tower Using Improved Jaya Algorithm	Dr. K.C. More	Mechanical Engineering	International journal of refrigeration	2017
3	Optimal design of the Stirling heat engine through improved Jaya algorithm	Dr. K.C. More	Mechanical Engineering	Journal of Renewable and Sustainable Energy	2017
4	Photo-Elastic Investigation of Worm Gear	R. B. Pawar	Mechanical Engineering	IREME	2017
5	Design Optimization and Manufacturing of shoulder fillet in Waveguide LR 260 Upper of Transmission System for Stress Concentration	Mr.G.P.Deshmukh	Mechanical Engineering	IJET	2017
6	Process line balancing and automation by cellular manufacturing process.	Mr. R. D. Jadhav	Mechanical Engineering	IJEDR	2017
7	Design of Finger & Thumb Mechanism for Prosthetic Arm	Prof. P R Sonawane	Mechanical Engineering	International review of Mechanical Engg. (IREME)	2017
8	Photo-Elastic Investigation of Worm Gear	Prof. P R Sonawane	Mechanical Engineering	International review of Mechanical Engg. (IREME)	2017
9	Design of cost effective prosthetic arm for disabled	Prof. P R Sonawane	Mechanical Engineering	International Journal of Latest Trends in Engineering and Technology	2017
10	Investigation of drag force of car body by changing rear slant angle using CFD simulation software	Prof. P R Sonawane	Mechanical Engineering	IJERMCE	2017
11	A review paper on performance analysis of hydrodynamic journal bearing with various types of lubricant for pressure distribution and cavitation	Prof. S. S. Waydande	Mechanical Engineering	IJAERD	2017

12	Multi-objective Optimization of a Thermo-Acoustic Engine Using TLBO Algorithm	Dr. K.C. More	Mechanical Engineering	Science and Technology for Build environment	2016
13	Optimal design of the powered Stirling heat engine using advanced optimization algorithm	Dr. K.C. More	Mechanical Engineering	SADHANA - Academy Proceedings in Engineering Science	2016
14	Dimensional optimization of a micro-channel heat sink using Jaya algorithm	Dr. K.C. More	Mechanical Engineering	Applied Thermal Engineering	2016
15	Estimation Of Natural Frequency Of Motorcycle Handlebar	Sachin M. Baad, Prof. M.G. Qaimi	Mechanical Engineering	IRJET	2016
16	Analysis of Pump Piping Based on Piping Configurations	Prof. P R Sonawane	Mechanical Engineering	International Journal for Innovative Research in Science & Technology	2016
17	Optimal design of the heat pipe using TLBO (teaching-learning-based optimization) algorithm	Dr. K. C. More	Mechanical Engineering	Energy	2015
18	'Investigation of thermal performance in natural convection from rectangular interrupted fins'-A review	Wankhade Sachin D	Mechanical Engineering	IJIRSET	2015
19	Investigation of thermal performance in natural convection from rectangular staggered interrupted fins	Wankhade Sachin D	Mechanical Engineering	IERJ	2015
20	Evaluating Performance of Centrifugal Pump through CFD while Modifying the Suction Side for Easting Discharge	V.P.Pode	Mechanical Engineering	IJSRP	2015
21	Formulation of Experimental Data Based Model for Aluminum Alloy HE15 Operation with Burnishing Tool on Lathe Machine Using Dimensional Analysis	Prof.D. M. Mate	Mechanical Engineering	International Journal of Research in Mechanical Engineering	2015
22	An Approach to Design of Child Saver Machine for Child Trapped in Borehole	Prof.D. M. Mate	Mechanical Engineering	International Journal of Research in Mechanical Engineering	2015
23	Desigen And Optimization Of Saddle For Horizontal Pressure Vessel	Amarnath Y. Zore,Prof. M.G. Qaimi	Mechanical Engineering	IERJ	2015
24	Water Cooling System using Engine Exhaust Heat	Mr. R. D. Jadhav	Mechanical Engineering	IOSR	2015

25	Analysis of Pump piping for optimum routing within nozzle allowable	Prof. P R Sonawane	Mechanical Engineering	IERJ [ISSN 2395-1621]	2015
26	Boring Tool Vibration Minimization by using VE and Composite Materials	Prof. S. S. Waydande	Mechanical Engineering	IEEE, ICCUBEA	2015
27	Experimental Analysis of Boring tool Vibrationsl Fitted with Passive Dampers	Prof. S. S. Waydande	Mechanical Engineering	ICMRP	2015
28	Advanced Optimal Tolerance Design of Machine Elements Using Teaching-Learning-Based Optimization Algorithm	Dr. K. C. More	Mechanical Engineering	Production & Manufacturing Research	2014
29	Assessment for Alternatives of Geometry for the Intake Side of the Sump to Enhance Performance of Centrifugal Pump	V.P.Pode	Mechanical Engineering	IJIRD	2014
30	Evaluating Performance of Centrifugal Pump through CFD while Modifying the Suction Side for Easting Discharge	V.P.Pode	Mechanical Engineering	IJRET	2014
31	Journal of Emerging Technologies and Innovative Research	Prof.D. M. Mate	Mechanical Engineering	Journal of Emerging Technologies and Innovative Research	2014
32	Design and Analysis of Bent Pin Mechanism	Prof.D. M. Mate	Mechanical Engineering	Journal of Emerging Technologies and Innovative Research	2014
33	Design of Drilling Cum Riveting Machine	Prof.D. M. Mate	Mechanical Engineering	International Journal Mechanical Research and Engineering and Technology	2014
34	Design and Synthesis of Crop Cutting Machine	Prof.D. M. Mate	Mechanical Engineering	International Journal of Advanced And Innovative Research	2014
35	STUDY AND ANALYSIS OF PIN OF KNUCKLE JOINT IN TRAIN	Prof.D. M. Mate	Mechanical Engineering	Journal of Emerging Technologies and Innovative Research	2014
36	Formulation of Experimental Data Based Mathematical Model for AI 2014 with Spherical Surface Burnishing Tool	Prof.D. M. Mate	Mechanical Engineering	International Journal of Research in Mechanical Engineering Volume	2014
37	Vibration Analysis of a Cracked Beam Using Various Techniques - A Review	Prof. P R Sonawane	Mechanical Engineering	IJIRSET	2014
38	A review on Vibration attenuation of boring bar using passive dampers	Prof. S. S. Waydande	Mechanical Engineering	IJETAE	2014

39	Stress and Deformation Analysis of Si Engine Piston	Prof. M.G. Qaimi	Mechanical Engineering	JIMAE	2013
40	Interfacing of Hybrid Power System to Grid Using STATCOM and Power Quality Improvement	Prashant M. Chavan	Electrical Engineering	International Conference on Information, Communication, Instrumentation and Control	2017
41	Single-Phase, Single-Stage, Transformer-Less Grid Connected PV System with Improved Power Quality	Aparna A. Yennam	Electrical Engineering	International Conference on Automatic Control and Dynamic Optimization Techniques	2016
42	Studying the Present Contracting Model ,CAuses of Delay in the Model and Giving Recommendation of it	Hemanshu Ahire	Civil Engineering	5th International Conference trends in Engineering & Technology	2016
43	Displacement and Stresses for Thick Beams Using Shear Deformation Theory	Vikas Nimbalkar	Civil Engineering	IJPRET	2016
44	User-perceptive image search using complex multiple word based query (An efficient image search process using complex multiple word based query)	Lalitikumar Borase	Information Technology	ISCO' 16 10th conference	2016
45	pousover analysis of vertical geometric irregularities	Priyanka Pawar	Civil Engineering	NCRRET	2016
46	Interfacing of Renewable Energy Source to Grid using STATCOM to Improve the Power Quality	Prashant M. Chavan	Electrical Engineering	International Conference on Emerging Trends & Research In Engineering Science and Management	2015
47	Single-Phase, Single-Stage, Transformer-Less Grid Connected PV System with Low THD	Prashant M. Chavan	Electrical Engineering	International Conference on Emerging Trends & Research In Engineering Science and Management	2015
48	Using STATCOM Interfacing of Renewable Energy Source to Grid and Power Quality Improvement	Prashant M. Chavan	Electrical Engineering	IEEE International Conference on Energy System and Applications	2015
49	Interfacing of Renewable Energy Source to Grid using STATCOM to Improve the Power Quality	Aparna A. Yennam	Electrical Engineering	International Conference on Emerging Trends & Research In Engineering Science and Management	2015

50	Single-Phase, Single-Stage, Transformer-Less Grid Connected PV System with Low THD	Aparna A. Yennam	Electrical Engineering	International Conference on Emerging Trends & Research In Engineering Science and Management	2015
51	Concept of Artificial Neural Network for Cost Estimation	Prof.T.V.Kulkarni	Civil Engineering	ICETCE	2015
52	Artificial Neural Network for cost estimation in construction projects	Prof.T.V.Kulkarni	Civil Engineering	Multidisciplinary Research in Science and Engineering	2015
53	An adaptive routing algorithm using dynamic TTL for data aggregation in Wireless Sensor Network	Priti Mithari	Computer Engineering	ICCTET	2014
54	Trust calculation for improving the reliability of routing and data aggregation in WSN	Priti Mithari	Computer Engineering	c-PGCON	2014
55	Data clustering using particle swarm optimization and Bee algorithm	Shruti Chaudhari	Information Technology	4th IEEE conference on Computing, communication and Networking technologies	2013
56	Intelligent hybrid approach for data clustering	Shruti Chaudhari	Information Technology	ARTCom 2013	2013
57	Symmetric Data encryption using trusted third party Objects in IOT	Rohini Hanchate	Computer	IEEE(I2CT)	2017 (ACCEPTED)
58	Secure Android application for Farmers based on Ratings and reviews (SAFR)	Sharmila Chopade	Computer	IJCTET	2017
59	Comparative Study on Security using Honeyword	Sharmila Chopade	Computer	IJETAE	2017
60	Card less Automatic Teller Machine (ATM) Biometric Security System Design Using Human Fingerprints.	Rupali Adhau	Computer	IJSART	2017
61	Study of Material Management Technique on Construction Project	Hemanshu Ahire	CIVIL	IOSR	2017
62	An-overview of Image annotations with single word-based query	LalitKumar Borase	IT	IJCA	2017
63	Color image stignography Using 2,3 & 4 using DWT	Suvarna Patil	IT	IJCA	2017

64	Intelligence transport system for Real Time School Bus Tracking For Safety and Security of Child using GPS	Prof. M. K. Manake	Computer	IJCRT	2017
65	Personalization of physical work using mixed reality concept: Augmented reality and virtual reality	Prof. M. K. Manake	Computer	IJCRT	2017
66	Hiding Data into Reserve Space before Image Encryption using Blowfish Algorithm	Priti Mithari	Computer	IJCA	2016
67	User-perceptive image search using complex multiple word based query (An efficient image search process using complex multiple word based query)	LalitKumar Borase	IT	IEEE	2016
68	Secure and dynamic multi keyword ranked search and storing encrypted data on cloud	Prof. M. K. Manake	Computer	IJRTER	2016
69	Crawdy: Integrated crawling system for deep web crawling	Prof. M. K. Manake	Computer	IJAR CET	2016
70	Study and Suggestive measures Landslide on PUNE -MUMBAI route	Hemanshu Ahire	CIVIL	IOSR Journals	2015
71	Survey on hadoop-using biometric technique Iris Recognition	Silkesha Thigale	IT	IJCA	2015
72	Survey Paper on Clustering Based Segmentation Approach to detect Brain Tumor From MRI Scan	Silkesha Thigale	IT	IJCA	2015
73	Clustering based Segmentation Approach To detect Brain Tumor From MRI Scan	Silkesha Thigale	IT	IJCA	2015
74	Power Quality Improvement and Interfacing of Wind Energy Source	Prashant M. Chavan	Electrical Engineering	International Journal of Engineering Sciences & Research Technology	2015
75	Modeling of Photovoltaic Module	Pradeep B. Mahajan	Electrical Engineering	International Research Journal of Engineering and Technology (IRJET)	2015
76	An adaptive routing algorithm using dynamic TTL for data aggregation in Wireless Sensor Network	Priti Mithari	Computer	IEEE	2014

77	Trust calculation for improving the reliability of routing and data aggregation in WSN	Priti Mithari	Computer	Elesviver	2014
78	A New Hyperbolic Shear Deformation Theory for Flexure of Thick Simply Supported Beam	Vikas Nimbalkar	CIVIL	STM	2014
79	Economic Evaluation of Open and Hollow Structural Sections in Industrial Trusses	Vikas Nimbalkar	CIVIL	IJIRSET	2014
80	Autonomous Environmental Parameters Monitoring System Using ZigBee	Mrs. Shweta Desai	Engineering Science	International Journal of Advanced Research in Computer Engineering & Technology	2014
81	Autonomous Online Expansion for the Environmental Applications	Mrs. Shweta Desai	Engineering Science	International Journal of Science and Research	2013