



Lokmanya Tilak Jankalyan Shikshan Sanstha's

PRIYADARSHINI COLLEGE OF ENGINEERING

(Recognised by A.I.C.T.E., New Delhi & Govt. of Maharashtra, Affiliated to R.T.M.Nagpur University)

Near CRPF Campus, Hingna Road, Nagpur-440 019, Maharashtra (India)

Phone : 07104 – 236381, 237307, Fax : 07104 – 237681,

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NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

Key Indicator 3.3 Research Publication and Awards

METRIC NO.:-3.3.3

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last Five year

SR No.	Content	Page No.
1	Summary Sheet	1-2
2	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2020-21	3-5
3	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2020	6-16
4	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2019	17-23
5	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2018	24-27
6	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2017	28-32
7	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2016	33-44


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3.3.2 Number of papers published per teacher in the Journals notified on UGC website during)

Summary Sheet

Year	2021	2020	2019	2018	2017	2016	Total
No of Papers	16	69	46	23	26	57	237


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2. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2021

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication
1	Dr. Archana Dehankar	NA	Stock Market Prediction	2021
2	Dr.Snehal S. Golait	NA	A Review on Mart Shop- An E-Commerce Portal	2021
3	C N.Sakhale	Lecture Notes in multidisciplinary Industrial engineering	Designing a mechanics, to paint a Conical shaped part	2021
4	Sagar shelare	Lecture Notes in multidisciplinary Industrial engineering	Design And Analysis of Two wheeler suspension helical compression spring	2021
5	Subhash waghmare	Lecture Notes in multidisciplinary Industrial engineering	Development of sheet metal die by using CAD and simulation technology to improvement of quality	2021
6	M.S.Giripunje	Lecture Notes in multidisciplinary Industrial engineering	Designing a mechanics, to paint a Conical shaped part	2021
7	S D Shelare	Lecture Notes in multidisciplinary Industrial engineering	Designing a mechanics, to paint a Conical shaped part	2021


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8	Sagar Shelare	Lecture Notes in multidisciplinary Industrial engineering	Development of sheet metal die by using CAD and simulation technology to improvement of quality	2021
9	C K temburkar	Lecture Notes in multidisciplinary Industrial engineering	A Critical review on Dissimilar joining Of ASS and FSS	2021
10	S D Shelare	Lecture Notes in multidisciplinary Industrial engineering	Designing a mechanics, to paint a Conical shaped part	2021
11	S D Shelare	Mathematical Modelling and Simulation	Procedure of collecting Field data causes, extraneous variables and effects	2021
12	Piyush Sirsat	Lecture Notes in multidisciplinary Industrial engineering	Development of sheet metal die by using CAD and simulation technology to improvement of quality	2021
13	Dr. (Mrs.) S. A. Shrivastav & Dr. (Mrs.) S. G. Rawat	Energy and Environment	N.A.	2021
14	Dr. (Mrs.) S. A. Shrivastav & Dr. (Mrs.) S. G. Rawat	Applied Chemistry	N.A.	2021


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15	Dr. Sharmila Bhonsule	Applied Physics	N.A.	2021
16	Dr. Sharmila Bhonsule	Advanced Engineering Materials	N.A.	2021


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Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication
17	Dr. Nita Thakare , Mrs. Jyostna Gabhane	NA	Metaheuristics Algorithms for Virtual Machine placement in Cloud Computing Environments-A Review	2020
18	C N.Sakhale	computing in Engineering and technology	Assessment of Average Resistive Torque for Human-Powered Stirrup Making Process	2020
19	Pravin Khope	Lecture Notes in multidisciplinary Industrial engineering	Charoli nut deshelling Mechanism and scope for future enhancement: A Typical Review	2020
20	Pravin Khope	Advances in Metrology and Measurement of Engineering surfaces	Formulation of mathematical model for quantity of deshelled nut in charoli nut deshelling machine	2020
21	Subhash waghmare	Lecture Notes in multidisciplinary Industrial engineering	A Critical review of a cold spraying coating technique	2020
22	Subhash waghmare	Lecture Notes in multidisciplinary Industrial engineering	An automated Belt conveyor system for bolt and washer assembly	2020


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23	Subhash waghmare	Lecture Notes in multidisciplinary Industrial engineering	Experimental Analysis of Improved Vortex Tube	2020
24	Subhash waghmare	Lecture Notes in multidisciplinary Industrial engineering	A review on development of Jig and welding fixture for car Panel	2020
25	V M Sonde	Lecture Notes in mechanical Engineering	Heat Transfer and pressure drop inside duct with different srface profile	2020
26	V M Sonde	Springer Proceeding In Material	An Approach to form manual power Generalized Experimental Model for wood chipping process	2020
27	Subhash waghmare	Lecture Notes in mechanical Engineering	Development of a model for a no of bends during stirrup making process	2020
28	Subhash waghmare	Lecture Notes in mechanical Engineering	Pyrolysis system for environment friendly conversion of plastic waste in to fuel	2020
29	Subhash waghmare	computing in Engineering and technolgy	Assessment of Average Resistive Torque for Human-Powered Stirrup Making Process	2020


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30	Dr.S.S.Shriramwar	FPGA Reconfiguration and Self Adaptive Systems	NA	2020
31	Sagar shelare	Lecture Notes in multidisciplinary Industrial engineering	Design And Analysis of Two wheeler suspension helical compression spring	2020
32	Sagar shelare	Lecture Notes in multidisciplinary Industrial engineering	Charoli nut deshelling Mechanism and scope for future enhancement: A Typical Review	2020
33	Sagar shelare	Lecture Notes in multidisciplinary Industrial engineering	A Critical review of a cold spraying coating technique	2020
34	Sagar shelare	Lecture Notes in multidisciplinary Industrial engineering	An automated Belt conveyor system for bolt and washer assembly	2020
35	Sagar shelare	Lecture Notes in multidisciplinary Industrial engineering	Experimental Analysis of Improved Vortex Tube	2020
36	Sagar shelare	Lecture Notes in multidisciplinary Industrial engineering	A review on development of Jig and welding fixture for car Panel	2020


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37	Sagar shelare	Lecture Notes in multidisciplinary Industrial engineering	Sustainable renewable energy sources and solar mounting system for PV Panels: A review on need and future advancement	2020
38	Sagar shelare	Lecture Notes in mechanical Engineering	Development of a model for a no of bends during stirrup making process	2020
39	Sagar shelare	Lecture Notes in mechanical Engineering	Pyrolysis system for environment friendly conversion of plastic waste in to fuel	2020
40	Sagar shelare	Advances in Metrology and Measurment of Engineering surfaces	Formulation of mathematical model for quantity of deshelled nut in charoli nut deshelling machine	2020
41	Sagar shelare	computing in Engineering and techonology	Assessment of Average Resistive Torque for Human-Powered Stirrup Making Process	2020
42	C K temburkar	Lecture Notes in mechanical Engineering	Development of a model for a no of bends during stirrup making process	2020


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43	C K temburkar	Lecture Notes in mechanical Engineering	Pyrolysis system for environment friendly conversion of plastic waste in to fuel	2020
44	C K temburkar	Advances in Materials processing	Transient Analysis of GTA-Welded Austenitic and Ferritic Stainless Steel	2020
45	C K temburkar	computing in Engineering and technology	Assessment of Average Resistive Torque for Human-Powered Stirrup Making Process	2020
46	Satish Lokhande	Lecture Notes in multidisciplinary Industrial engineering	Design And Analysis of Two wheeler suspension helical compression spring	2020
47	Krunal Mudafale	Lecture Notes in multidisciplinary Industrial engineering	An automated Belt conveyor system for bolt and washer assembly	2020
48	Munidra Matey	Lecture Notes in multidisciplinary Industrial engineering	Sustainable renewable energy sources and solar mounting system for PV Panels: A review on need and future advancement	2020
49	S D Shelare	Speed control of D C Motor	Speed control of D C Motor	2020


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50	Ms. P. B. Dongre	NA	IOTDMS Blockchain Framework for Secure Data Exchange Between IOT Devices	2020
51	Prof.C.S. Kamble	Intelligent Circuits and Systems	Intelligent Circuits and Systems (ICICS 2020)	2020
52	Prof.D.D.Dhawale	Decision Aid Sciences and Applications (DASA'20)	An Effective Solution to Unit Commitment Problem in Presence of Sustainable Energy Using Hybrid Harris Hawk's Optimizer	2020
53	Prof.D.D.Dhawale	Computation, Automation and Knowledge Management (ICCAKM 2020)	HHHO-IGWO :A new hybrid harries hawks global optimization problem	2020
54	Prof.D.D.Dhawale	EDP sciences	Scope Of Intelligence Approaches For Unit Commitment Under Uncertain Sustainable Energy Environment For Effective Vehicle To Grid Operations-A Comprehensive Review	2020


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55	Sagar shelare	Lecture Notes in multidisciplinary Industrial engineering	An automated Belt conveyor system for bolt and washer assembly	2020
56	Ms.Vrushali Nasre	Lecture notes in Electrical Engineering (Springer)	Smart water-An automation of existing waste water filtration and recycling system	2020
57	Dr.P.R.Rothe	Springer Link, Handbook of Wireless Sensor Networks: Issues and Challenges in Current Scenario's,	Medium Access Control Protocol For Wireless Sensor Networks	2020
58	Sagar Shelare	Latest Trends In Sheet Metal Components And Its Processes—A Literature Review	Latest Trends In Sheet Metal Components And Its Processes—A Literature Review	2020
59	C. N.Sakhale	Latest Trends In Sheet Metal Components And Its Processes—A Literature Review	Latest Trends In Sheet Metal Components And Its Processes—A Literature Review	2020
60	Ms.Vrushali Nasre	Lecture notes in Electrical Engineering (Springer)	Smart water-An automation of existing waste water filtration and recycling system	2020


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61	Dr.P.R.Rothe	Springer Link, Handbook of Wireless Sensor Networks: Issues and Challenges in Current Scenario's,	Medium Access Control Protocol For Wireless Sensor Networks	2020
62	M.D.Mehare	NA	Thermoluminescence and kinetics parameters Study of Dy ³⁺ doped K ₆ Ca ₄ (SO ₄) ₆ F ₂ submicron Phosphor	2020
63	S.S.Soley	NA	Numerical Simulation and performance analysis of InGaP/GaAs/Ge III-V triple junction .Solar Cells	2020
64	S. A. Shrivastava S.N. Rao	NA	Fenton and photocatalysis processes for treatment of combined industrial effluent	2020
65	S.A. Shrivastava P. Yeul	NA	Application of Buckingham theorem to modelling of Zinc uptake using synthesized Chitosan andchlorochitosan	2020


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66	M.P. Joshi J. P.Kanfade	NA	Synthesis of Novel Adhesive for Bamboo Joinery and comparison of its mechanical properties with adhesives available in market	2020
67	J.P. Kanfade M. P. Joshi H. D. Juneja S.P. Pande	NA	Minimizing residual aluminium concentration in treated water by using polyaluminium coagulant	2020
68	S.G. Rawat P. N. Dahasahasra D. Brijpuriya	NA	Bioplastic – Today's need	2020
69	M. D. Mehare	NA	Synthesis and characterisation of Eu ³⁺ doped Ca ₉ La(PO ₄) ₅ (SiO ₄) Fluoroapatite phosphor for white LED	2020
70	M.P.Joshi J.P.Kanfade	NA	Synthesis of Iron Pervoskite using Rust Wastes and Inorganic Precursor by Solution Combustion Synthesis	2020


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71	M.P.Joshi	NA	Synthesis of Novel adhesive for Bamboo Joinery and comparison of its Mechanical Properties with adhesive available in Market	2020
72	J.P.Kanfade M.P.Joshi	NA	Minimizing Residual Aluminium Concentration Intreated water By using Poly Aluminium Coagulant	2020
73	Kalpna Lokhande	NA	Statistical Analysis ofin Civil construction working	2020
74	Dr.(Mrs.)Nita Thakare	NA	Review Paper on E-Commerce and Recommendation System	2020
75	Dr.(Mrs.)Archana Dehankar	NA	Smart Guide Stick for blind people using Artificial Intelligence	2020
76	Dr.(Mrs.)Archana Dehankar	NA	Smart security Solution for women using IoT	2020
77	Dr.Snehal S. Golait	NA	Review on E-Ration card System	2020


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78	Mr. P. U. Tembhare	NA	Autonomous Agricultural Pesticides Spraying Hexocopter Drone	2020
79	Mr. P. U. Tembhare	NA	Advance Surveillance Security using AI and Face Detection	2020
80	Mr.Mahesh Panjawani	NA	Smart Shopping Trolley	2020
81	Mr.Jogi John	NA	College Diary Social Networking Anroid Application	2020
82	Mrs.Rubana Khan	NA	Image Recogntiton from Live Video Using SURF Algorithm	2020
83	Mrs.Tejal Irkhede	NA	Medical Diagnosis Using Artifical Intelligence	2020
84	Mrs.Tejal Irkhede	NA	Automatic Text generation using word level RNN LSTM	2020
85	Mrs.Prena Deshmukh	NA	PCE Diary: A system for student data monitoring	2020


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Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication
86	Mrs. Sumitra Agrawal/ Dr. S.P.Muley	NA	MRAS based speed sensorless vector control of IM using slide mode observer	2019
87	Ms. D.K. Porate	NA	Performance of Grid connected Variable Speed WECS using PMSG under MTPA control with common synchronization circuit	2019
88	Dr.S.S.Shriramwar	NA	Design of Slotted E-Shaped Microstrip Patch Antenna at 2.4 GHz and 5.8 Ghz.	2019
89	Dr.S.S.Shriramwar	NA	Miniaturization and Gain Enhancement of Array Antenna for Dual Band RADAR System.	2019
90	Dr.K.S.Zakiuddin	Mathematical Modeling & Simulation of Chaff Cutter Energized by Human Powered Flywheel Motar	Mathematical Modeling & Simulation of Chaff Cutter Energized by Human Powered Flywheel Motar	2019


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91	M.K.Demde	NA	Design of Vision based Intelligent Lane detection and tracking under different conditions	2019
92	S.S.Soley	NA	Numerical Simulation and performance analysis of InGap, GaAs and Ge single Junction Solar Cells	2019

93	Dr. Nita Thakare	Thermal Stresses—Advanced Theory and Applications (pp.1081-1092)	Efficient Energy Attentive and Fault Recognition Mechanism in Distributed Wireless Sensor Networks: A Review	2019
94	Dr. Nita Thakare	NA	Efficient Energy Attentive and Fault Recognition Mechanism in Distributed Wireless Sensor Networks: A Review	2019
95	Dr. Nita Thakare	NA	A survey on control and Monitoring of home appliances.	2019
96	Prof. (Mrs.) A. V. Dehankar	NA	A Survey on Efficient Seraching in Encrypted Cloud Data	2019


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97	Prof. (Mrs.) P. S. Karemore	NA	Efficient and Searchable ABE Scheme in Cloud Computing	2019
98	Prof.Snehal Golait	NA	Smart Electricity Board Android Application	2019
99	Prof.(Mrs.) J. R. Gabhane	NA	A Survey on Energy Monitoring System using Internet Of Things	2019
100	Prof.(Mrs.) J. R. Gabhane	NA	A Survey on Smart Self Issuing System	2019
101	Prof. P. U. Tembhare	NA	An Overview of Sign Language Detection Using Wearble system	2019
102	Prof. N. A. Ghodichor	NA	Visual Partitioning System in 3D space	2019
103	Prof. Mahesh Panjawani	NA	Digitalization of Production Area Based on Raw Material Industries.	2019
104	Prof. Rubana Khan	NA	IOT Based Lab Automation System	2019


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105	Prof. Amit Kumar	NA	Energy Efficient Android app ,as a platform for making the product from unused material.	2019
106	Prof. Tejal Irrkhede	NA	Smart City Bus Traveller System	2019
107	Prof.K.Sapkhal	NA	Survey of security Mechanism for ATM based Transactions	2019
108	Prof V.Jadhav	NA	Women Safety Application	2019
109	Prof.Manali Raut	NA	Priyadarshini College of Engineering , Nagpur Online staff/ Student Web Crawler	2019
110	Prof. C. R. Pote	NA	“Secure Social Media”	2019
111	Prof. C. R. Pote	NA	“A System to Analyze the Credibility of Users On Social Media like Twitter Using WSRI”	2019


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NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

112	Prof. C. R. Pote	NA	“Prepaid-Postpaid Water Distribution Controller over IOT”	2019
113	Prof. N. R. Hatwar	NA	“Online Parking System”	2019
114	Prof. N. R. Hatwar	NA	“Online Event Management”	2019
115	Prof. M. M. Gudadhe	NA	“Mining Health Examination Records-A Graph Based Approach”	2019
116	Prof. M. M. Gudadhe	NA	“Smart Vertical Garden System Statistics Monitoring & Controlling Through IOT Server”	2019
117	Prof. P. N. Fale	NA	“An Efficient Data Replication and Disaster Recovery Technique For Cloud Data”	2019


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118	Prof. P. N. Fale	NA	“An Effective Data Disaster Recovery Services Using AWS Cloud”	2019
119	Prof. P .B. Dongre	NA	U Lock: A Smart Locking System'	2019
120	Prof. P .G. Dhawane	NA	“Secure Social Media”	2019
121	Dr.S.S.Shriramwar	NA	Design of Slotted E-Shaped Microstrip Patch Antenna at 2.4 GHz and 5.8 Ghz.	2019
122	Dr.S.S.Shriramwar	NA	Miniaturization and Gain Enhancement of Array Antenna for Dual Band RADAR System.	2019
123	Dr.K.S.Zakiuddin	Explorations in the History and Heritage of Machines and Mechanisms	History of Human Powered Oil Expeller: A Literature Review	2019
124	Dr.K.S.Zakiuddin	Literature Review on the Developments of Rice Milling Machines	History of Human Powered Oil Expeller: A Literature Review	2019
125	Dr.C.N.Sakhale	Stirrup making Machine by HPFM (Analysis and Optimization	Stirrup making Machine by HPFM (Analysis and Optimization	2019


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126	Chetan Temburkar	Air Engine Piston (A Finite Element Approach)	Air Engine Piston (A Finite Element Approach)	2019
127	Sagar Shelare	Air Engine Piston (A Finite Element Approach)	Air Engine Piston (A Finite Element Approach)	2019
128	N.S.Ugemuge	NA	One step combustion synthesis and photoluminescence of red emitting phosphor Y ₄ Al ₂ O ₉ :Eu ³⁺	2019
129	S..U. Bhonsule	NA	Study of Photoluminescence properties of CeP ₅ O ₁₄ doped Tb	2019
130	Nutan Satpute	NA	Activators Dependent down conversion Phosphors for enhancement of efficiency of solar cell	2019
131	Nita Shinde	NA	Luminescence study of Ce and Dy activated K ₂ SO ₄ Cl chlorosulphate phosphor	2019


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5. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2018

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication
132	Dr.V.K.Taksande	NA	Cloud Based Global Telemetry System for Physiological Signal Monitoring	2018
133	Dr.V.K.Taksande	NA	Biosensor Mobile Node Network: New Technology To Enhance Agriculture Crop Productivity	2018
134	Dr.V.G Girhepunje	NA	Cloud Based Global Telemetry System for Physiological Signal Monitoring	2018
135	Dr.V.G Girhepunje	NA	Biosensor Mobile Node Network: New Technology To Enhance Agriculture Crop Productivity	2018
136	Dr.V.G Girhepunje	NA	Low Power Multiparameter Health Monitoring System: An Advanced Patient Diagnostic Approach	2018
137	Dr.N.S Ambatkar	NA	Low Power Multiparameter Health Monitoring System: An Advanced Patient Diagnostic Approach	2018
138	Dr.N.S Ambatkar	NA	Advanced Embedded System for Identification of Asthma	2018


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139	Dr.N.S Ambatkar	NA	Cloud Based Global Telemetry System for Physiological Signal Monitoring	2018
140	Dr.P.P Ashtankar	NA	An Adaptive Approach for design strategies and simulation of wireless Adhoc Communication Network	2018
141	Mr.M.K Demde	NA	Design of Lane Detection Warning System Using Matlab Simulink	2018
142	Mr.M.K Demde	NA	Biosensor Mobile Node Network: New Technology To Enhance Agriculture Crop Productivity	2018
143	Nita Shinde	NA	Spectroscopic studies of Ce ion in Na(SO ₄) ₃ Fcl chlorosulphate phosphor	2018
144	S..U. Bhonsule	NA	Photoluminance and energy transfered in Ce(PO ₃) ₃ doped Nd	2018


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145	S. U. Bhonsule	NA	Concentration Quenching Luminescence decay in Yb doped cerium Tri-metaphosphate	2018
146	S.S.Soley	NA	Advances in High Efficiency Crystalline Silicon Homo Junction Solar cell technology	2018
147	M.P. Joshi, J.P. Kanfode	NA	Re-utilization of rust waste as direct iron source for the solution combustion synthesis of Fe-containing Perovskite materials	2018
148	J.P. Kanfode, M.P. Joshi	NA	Ability evaluation of PAC to remove coliform organism and reduce sludge volume in water treatment	2018


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149	S.G. Rawat	NA	Green chemistry, alternative science for plastics	2018
150	Dr. S.A Dhale	NA	Strength of Material	2018
151	Dr. S.A Dhale	NA	Basic of Civil Engineering	2018
152	Mr.V.V.Panchabhai	NA	Design Approach to measure BMI of human	2018
153	P. P. Shirpurkar,	N.A	Wind Power generation using magnetic levitation	2018
154	Dr. I. A. Khan	N.A	Modification and Design Development of Hinged Belt Conveyor System	2018


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6. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2017

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication
155	Dr.I.A.Khan	Effect of Uncertain Parameters on Vibrational Characteristics of Plate	N.A	2017
156	Prof. S.D. Shelare	Human Powered Stirrup making machine (Design and Fabrication)	N.A	2017
157	Dr. P. B. Khope	Sheet Metal Bending Processes and Die Design	N.A	2017
158	Dr. S. N. Waghmare	Human Powered Stirrup making machine (Design and Fabrication)	N.A	2017
159	Dr. N. K. Mandavgade	Mechanical Measurement and Metrology	N.A	2017
160	Dr. P. B. Khope	Low Cost Agricultural Mechanization	N.A	2017
161	Anurag Raghorte	N.A	Design and Modification of Model Innovative motorised Hand Truck	2017


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162	Rahul Khobragade	N.A	Design and Fabrication of Groundnut Shellar Machine	2017
163	Dr. I. A. Khan	N.A	Design and fabrication of river cleaning machine	2017
164	Mrs.S.S.Soley	N.A	Quantum Dot LASERS for Communication Applications	2017
165	Mrs.S.U.Bhonsule	N.A	Energy Transfer and PhotoLuminescence Study of Lathanide ions doped $Ce(PO_3)_3$	2017
166	Mrs.S.U.Bhonsule	N.A	Energy Transfer and Photo Luminescence Study of Polyphosphate $Ce(PO_3)_3:Dy$	2017
167	Mrs.S.U.Bhonsule	N.A	Synthesis and photoluminescence in Yb doped $CePO_4$	2017
168	Atiksha Sharma	N.A	Trajectory Optimization To The Halo Orbit In Full Force Model Using Evolutionary Technique	2017


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169	Dr.S.P.Muley	N.A	MRAS based speed sensorless vector control of IM	2017
170	Dr.S.P.Muley	N.A	Implementation of a new 7 Level H Bridge inverter fed Induction motor with low harmonic value.	2017
171	Dr.S.P.Muley	N.A	Design of 5level inverter fed IM using phase shifted carrier PWM Technique	2017
172	Dr.K.B.Porate:	N.A	Zero Direct Axis Current (ZDC) Control for Variable Speed Wind Energy Conversion System Using PMSG	2017
173	Mrs. S.P. Washimkar	N.A	Prediction of multiple sclerosis in Brain MRI imager using hybrid segmentation	2017
174	Mrs.A.P Rathkanthiwar	N.A	Implementation of safety alert system for elderly people using multi sensors	2017



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175	Dr. Nita Thakare	N.A	Analysis of energy Efficient data mining Technique in Wireless Sensor Network A Review	2017
176	Mrs. A.V.Dehankar	N.A	Performance Analysis of RTEPI method for real time hand gesture Recognition	2017
177	Mrs. A.V.Dehankar	N.A	Using AEPI Method for Hand Gesture Recognition in varying Background and Blurred Images	2017
178	Mr.C.N.Bhojar	N.A	Implementation of parallel multiplier accumulator using radix two modified booth algorithm and SPST.	2017


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Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication
179	P. D. Chaple	A textbook of Basic Chemistry-I Scheme	N.A	2017
180	Dr. Dora Thompson	Literary adaptations: From page to screen :Gender perspectives in Gillian Flynn's Gone Girl: an imperfect blend of feminism and misogynism	N.A	2017


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7. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year 2016

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication
181	Dr. Mrs. S. G. Rawat	ENGINEERING CHEMISTRY	N.A	2016
182	Dr.(Mrs.) A. A. Kulkarni	Study of some Homogeneous and non homogeneous thermoelastic Problems	N.A	2016
183	Dr. Manish Tongo	Industrial Economics & Entrepreneurship Development	N.A	2016
184	Dr.J.P.Modak, P.U.Chati ,Mahesh Bundele	N.A	Automatic For Improvement of Functional Reliability of HPFM Energised Process Machine.	2016
185	Dr.C.N. Sakhale, Dr.S.N. Waghmare,	N.A	Formulation and Analysis of No. of Bends for Stirrup making operation using human powered flywheel motor.	2016



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186	Dr.J.P.Modak Aarti R.Lende , P.A.Chandak	N.A	Prediction of performance of human powered Flywheel through artificial Neural Network.	2016
187	Dr.J.P.Modak , Dr.P. N. Belkhode, Prof. V.M.Sonde	N.A	Optimization of Mathematical Model For Wood Chipper Cutter Using HPFM Concept	2016
188	Dr.C.N. Sakhale, Dr.M.P. Singh	N.A	Formulation of Experimental Data Based Model for Number of silver cutting operation Driven by HPFM Wood Chipper Cutter Energized By HPFM	2016
189	Dr.J.P.Modak H.S.Bhatkulkar	N.A	Establishment of empirical relationship simulating phenomena of human powered Nursery fertilizer Mixer	2016


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190	Dr.J.P.Modak M.S.Giripunje M.P.Singh	N.A	Formulation of approximate generalized experimental data base model of out put mesh size for human powered flywheel motor energized food grain crushing process.	2016
191	Dr.J.P.Modak Y.M.Sonkhaskar , Dr. .S.Deshpande.	N.A	Design and Devlopment of a pellet Mill Energized by Human Powered Flywheel Motor (HPFM)	2016
192	Dr.J.P.Modak A.D.Dhale	N.A	Formulation of experimental Data Based Model for oil press using HPFM as energy Source.	2016
193	Dr.J.P.Modak, Himanshu M.Shukla, Dr.S.R.Ikhar, Dr.A.V.Vanalkar	N.A	Formulation of Field Data Based Models to correlate the performance of manual stirrup Manufacturing activity by using MATLAB	2016



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194	S.N.Sheikh, Dr.K.S.Zakiuddin, Dr.J.P.Modak	N.A	Formulation Experimental Data Based Modle for Oil Expeller Powered By Human Powered Fly Wheel Motor	2016
195	Dr.P. N. Belkhode, Dr.J.P.Modak	N.A	Optimization of Mathematical Model For Wood Chipper Cutter Using HPFM Concept	2016
196	Dr.C.N. Sakhale, Dr.J.P.Modak	N.A	Formulation and Analysis of No. of Bends for Stirrup making operation using human powered flywheel motor.	2016
197	Dr.C.N. Sakhale ,Dr.M.P. Singh, Dr.J.P.Modak	N.A	Formulation of Experimental Data Based Model for Number of silver cutting operation Driven by HPFM Wood Chipper Cutter Energized By HPFM	2016
198	Dr.S.N. Waghmare,	N.A	Formulation and Analysis of No. of Bends for Stirrup making operation using human powered flywheel motor.	2016



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199	M Sohail pervez ,	N.A	Design of Experimentation for establishing empirical relationship of rice milling Phenomenon using human powered flywheel motor	2016
200	S.N.Waghmare, Dr.C.N.Sakhale, Dr.G.K.Awari	N.A	Formulation and Analysis of resistive torque for stirrup making Operation using human powered flywheel motor	2016
201	C.N. Sakhale S.K.Undirwade, Dr.M.P.Singh	N.A	Formulation of Mathematical Model for Processing Time Required for Bamboo Sliver Cutting Using HPFM	2016
202	G.D.Mehta, A.A.PACHPOR, S.M.Awatade	N.A	A General Paper Review On Effect of Misalignment on Vibration Response of Coupling	2016
203	M.K.Sonpimple	N.A	A coupled simulated annealing-Hill Approach for mechanism synthesis with twenty accuracy points	2016


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204	Dr.M.K.Sonpimple , Prof.S.D.Shelare	N.A	Approximate Mechanism Synthesis using Global Search for twenty Accuracy Points	2016
205	M.K.Sonpimple, S.D. Shelare	N.A	A case study on Pump of hydro Pneumatic Booster System	2016
206	Prof. Mrs. P.S. Bogawar	N.A	A Novel Approach for the Identification of Writing Traits on Email Database	2016
207	Prof. Mrs. P.S. Bogawar	N.A	Soft Computing Approaches to Classification of Emails for Sentiment Analysis	2016
208	Ms.V.G.Nasre	N.A	Design of On-Chip Band gap Reference in 0.18um CMOS Technology	2016
209	Mr.M.K.Demde	N.A	Design Of Computer vision based Intelligent lane Departure Warning System under different conditions	2016



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210	Mr.V.Panchbhai	N.A	Realization of AES Encryption and Decryption with power and Area optimization	2016
211	Ms .Divya Meshram	N.A	Low power Single Phase Clock Multiband Flexible divider using Low power technique	2016
212	Ms.Nita Shinde	N.A	Glow curve analysis of gamma particles irradiated KMgSO4Cl:Cu phosphor	2016
213	Ms.Nita Shinde	N.A	Synthesis and photoluminescence characteristics of KMgSO4Cl:Cu for near UV white LED	2016
214	Ms.Abha Oza	N.A	Luminescence study in C5+ ion-beam irradiated MgB4O7:Dy3+ phosphor	2016
215	Ms.Abha Oza	N.A	Photoluminescence and CIE study in CaAl2B2O7:Tb3+ phosphor	2016



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216	Mrs.S.U.Bhonsule	N.A	Study of Luminescence in Cerium meta Phosphates	2016
217	Mrs.S.U.Bhonsule	N.A	Synthesis and study of photoluminescence in CeMgAl ₁₁ O ₁₉ :Yb ₃	2016
218	Mrs. S.S. Soley	N.A	Synthesis of Quantum dot lasers for light emitting devices	2016
219	Mrs. S.S. Soley	N.A	Synthesis and Optical properties of Rare Earth Free Phosphor	2016
220	Dr.Mrs.J.M.Ghushe	N.A	Nanotechnology: A Review	2016
221	Ritesh Wahane	N.A	A Review: Effect of post weld heat treatments on mechanical and corrosion properties of friction stir welded AA7075-T6 Aluminium alloy	2016


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231	Mrs.Y.A.Nafde	Design & Analysis of Reconfigurable Antenna using RF MEMS and Fractal Geometry	Advanced Computer and Communication Engineering ,Technology,Proceedings of ICOCOE	2016
232	Ms.Krutika Sapkal	N.A	Transliteration of Secured SMS to Indian Regional Language	2016
233	Ms.Krutika Sapkal	N.A	Solving Linear Equation Using Vedic Mathematical Approach on Parallel Platform.	2016
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