



Lokmanya Tilak Jankalyan Shikshan Sanstha's

**PRIYADARSHINI COLLEGE OF ENGINEERING**

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## NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

### Key Indicator 3.3 Research Publication and Awards

#### METRIC NO.:-3.3.2

**3.3.2 Number of papers published per teacher in the Journals notified on UGC website during the last five year**

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2	Number of papers published per teacher in the Journals notified on UGC website during the year 2021	3-13
3	Number of papers published per teacher in the Journals notified on UGC website during the year 2020	14-22
4	Number of papers published per teacher in the Journals notified on UGC website during the year 2019	23-31
5	Number of papers published per teacher in the Journals notified on UGC website during the year 2018	32 - 39
6	Number of papers published per teacher in the Journals notified on UGC website during the year 2017	40-45
7	Number of papers published per teacher in the Journals notified on UGC website during the year 2016	46 - 52

  
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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	54	49	44	46	29	25	247

  
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2 Number of papers published per teacher in the Journals notified on UGC website during the year 2021

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
1	Finite element analysis of tibia bone	Dr. K.S. Zakiuddin	Mechanical	International Journal of Biomedical Engineering and Technology, Inderscience Publishers (IEL)	2021
2	Finite element analysis of tibia bone	Dr. I. A. Khan	Mechanical	International Journal of Biomedical Engineering and Technology, Inderscience Publishers (IEL)	2021
3	Assessment of physical frictional and aerodynamic properties of charoli (Buchanania Lanza Spreng) Nut as potential for development of processing machine	Dr.P.B.Khops	Mechanical	Carpathian Journal of Food science & technology 2021, vol 13, Issue 2 PP174-191	2021
4	Advances in water sample collections with a drone – A review	Dr.S.N.Waghmare	Mechanical	Materials Today: Proceedings, 2021	2021
5	Establishment of mathematical model for minimization of human energy in a plastic moulding operation	Prof.S.D.Shelare	Mechanical	Material today: Proceedings	2021

  
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**NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION**

6	Utilization of waste transformer oil as a fuel in diesel engine	Prof.S.D.Shelare	Mechanical	Material today: Proceedings	2021
7	Assessment of physical frictional and aerodynamic properties of charoli(Buchanania Lanzan Spreng) Nut as potential for development of processing machine	Sagar shelare	Mechanical	Carpathian Journal of Food science & technology 2021, vol 13, Issue 2 PP174-191	2021
8	Advances in water sample collections with a drone – A review	Sagar shelare	Mechanical	Materials Today: Proceedings,2021	2021
9	Shielded metal arc welding of AISI 409M ferritic stainless steel: study on mechanical, intergranular corrosion properties and microstructure analysis	Mr.C.K.Temburkar	Mechanical	World Journal of Engineering	2021

  
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10	Effect of number of welding passes on the microstructure, mechanical and intergranular corrosion properties of 409M ferritic stainless steel	Mr.C.K.Temburkar	Mechanical	World Journal of Engineering	2021
11	Analysis of Roller for Hot Rolling Mill	S M Awatade	Mechanical	International Journal of Engineering and Creative Science	2021
12	An effective solution numerical and multi-disciplinary design optimization problem using chaotic slime mold algorithm	Prof.D.D.Dhawale	Electrical Engineering	Engineering with Computers Springer	2021
13	Case Study The Cause of Drive Failure In An Industry	Dr.S.P.Muley Prof.S.C.Suke	Electrical Engineering	International research journal of modernization in engineering technology & science,vol 3,Issue 6,June 2021	2021
14	Use Of PI and PID Controller In Regulating Speed Of Induction Motor Drive	Prof.(Mrs.)B.S. Dani	Electrical Engineering	International Research Journal of Modernization in Engineering Technology and Science Volume:03/Issue:05/May -2021	2021

  
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15	GSM Based Energy Meter Billing With Load Control	Prof.H.P.Thakre	Electrical Engineering	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering Vol. 9, Issue x, Month 2021	2021
16	Solar Based Automatic Sanitization Of Classroom	Prof.H.P.Thakre	Electrical Engineering	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering Vol. 9, Issue 7, July 2021	2021
17	Analysis Of Z-Source Inverter Fed Im Drives Using PV Source	Dr. R.A. Keswani	Electrical Engineering	International Research Journal of Modernization in Engineering Technology and Science. Volume:03/Issue:05/May -2021 Impact Factor- 5.354	2021
18	Analysis And Stimulation Of The Matrix Converter Fed Induction Motor	Dr. R.A. Keswani	Electrical Engineering	International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 3, Issue 5, May 2021. Editor in	2021
19	Elimination of Harmonics In Multilevel Inverter Using Artificial Intelligent Techniques.	Prof. U. E. Hiwase	Electrical Engineering	International Journal of Electronics and Electrical Engineering	2021

  
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20	A Review: Fundamentals and Speed Control of BLDC Motor	Dr.K.B. Porate	Electrical Engineering	PENSEE Journal,Volume 51 Issue 03 - 2021	2021
21	FPGA Implementation & Comparative Analysis of an Efficient Multiplier.	Dr.S.S.Shriramwar	Electronics Engineering	International Journal of Creative Research Thoughts,	2021
22	A New Z-Source Inverter for Application in Wind Energy Conversion System	Dr.P.R.Rothe	Electronics Engineering	Turkish Journal of Physiotherapy and Rehabilitation,	2021
23	A Low Power and High Speed Voltage Level Shifter Based on a Regulated Cross Coupled Pull Up Network	Dr. P.R.Rothe	Electronics Engineering	The International Journal of Analytical and Experimental Modal Analysis(IJMENA),	2021
24	High Speed Low Power and Voltage Level Converter Based on Adjustable Pull Up Cross Coupling Network	Dr. P.R.Rothe	Electronics Engineering	International Journal For Advanced Research in Science & Technology(IJARST),	2021
25	Collaborative Filtering Based Movie Recommendation System	Dr. P.R.Rothe	Electronics Engineering	”, International Journal of Scientific Research in Engineering and Management (IJSREM),	2021

  
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26	An Energy Efficient Clustering Algorithm For Network Lifetime In Wireless Sensor Network .	Dr.(Mrs.) A.S.Khobragade	Electronics Engineering	International Journal of scientific research in science, Engineering & Technology	2021
27	A survey on various clustering algorithm in WSN foe optimal energy utilisation.	Dr.(Mrs.) A.S.Khobragade	Electronics Engineering	International Journal of scientific research in science,& Technology	2021
28	Design of efficient adder for high speed	Dr.(Mrs.) A.P.Khandait	Electronics Engineering	International Journal of Scientific & Engineering Research	2021
29	Comparative Analysis of different Image Segmentation Techniques.	Mr.C.N.Bhojar	Electronics Engineering	International Journal of innovation in Engineering & Science,	2021
30	An Analysis of advanced segmentation Techniques in image processing applications.	Mr.C.N.Bhojar	Electronics Engineering	International Research Journal Of Modernization In Engineering Tehnology & Science	2021
31	Design of single precision floating point arithmetic unit.	Ms.Sharda G.Mungale	Electronics Engineering	International Journal of Science, Engineering & Technology	2021
32	Human Voice Controlled Obstacle Avoiding Wheelchair	Ms.Sharda G.Mungale	Electronics Engineering	International Journal of research & Technology,	2021

  
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33	Design of 32 bit floating Point FPAU	Ms.Sharda G.Mungale	Electronics Engineering	International Research Journal Of Modernization In Engineering Tehnology & Science	2021
34	Internet Based Monitoring System for Smart kitchen	Mrs.K.M.Bogawar	Electronics Engineering	International Journal of Creative Research Thoughts,	2021
35	Human Resource system using python with Django & Machine Learning	Dr.P.U.Chati	Electronics &Telecomm unication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2021
36	Smart Restaurant Food Ordering & Billin	Mrs A.H. Charkhawala	Electronics &Telecomm unication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2021
37	Cancer prediction system using python with DJANGO & Machine Learning	Mr.O.G.Hastak	Electronics &Telecomm unication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2021
38	Multi level Marketing with Grocery system using python with Djanjo& Machine Learning	Dr. Nitin Ambatkar	Electronics &Telecomm unication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2021

  
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39	Live college classes & Assessment based system	S.P.Washimkar	Electronics &Telecomm unication Engineering	IJSRSET	2021
40	Doctor Patient Portal For Healthcare	A.R.kondalwar	Electronics &Telecomm unication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2021
41	Health Care Patient Monitoring System Using Raspberry Pi	Dr.M.K.Demde	Electronics &Telecomm unication Engineering	International Journal of Scientific Research in Science, Engineering and Technology	2021
42	Study of Thermoluminescence Dosimetric Properties of Submicron BaSO 4 Phosphor	M. S. Nikam , Y.K. More , S. P. Wankhede , Sharmila Bhonsule , S. B. Kondawar Milind Jog and S. V. Moharil	Dept of App Physics	AIP Conf. Proc. Vol 2352, issue 1, 2021/8/5	2021
43	Numerical simulation and performance analysis of InGaP, GaAs, Ge single junction and InGaP/GaAs/Ge triple junction solar cells	S.S.Soley, A.D.D. Dwivedi	Dept of App Physics	Materials Today: Proceedings, (Vol-39), 2050-2055 2021/1/1	2021

  
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44	Study of thermoluminescence and trapping parameter evaluation of $K_3Ca_2(SO_4)_3F:Mn^{2+}$ phosphor in perspective of TLD application	MD Mehare, CM Mehare, NS Dhoble, SJ Dhoble	Dept of App Physics	Radiation Effects and Defects in Solids	2021
45	Synthesis and photoluminescence properties of novel red-emitting $KMg_4(PO_4)_3:Eu^{3+}$ phosphors for UV-excited white-light emitting diodes	Chaitali M Mehare, Milind Jog, MD Mehare, NS Dhoble, SJ Dhoble	Dept of App Physics	Journal of Physics: Conference Series	2021
46	Bio-waste lemon peel derived carbon based electrode in perspective of supercapacitor	MD Mehare, AD Deshmukh, SJ Dhoble	Dept of App Physics	Journal of Materials Science: Materials in Electronics	2021
47	A factor analytical study of scores obtained by B.Ed. students of Nagpur region in theory papers	Nalini V Vaidya, Satyajit Uparkar Kalpana G Lokhande	Applied Mathematics	Journal of Physics: Conference Series (JPCS)	2021
48	Analytical study on impact strength of steel fibre reinforced concrete	Kaplana G Lokhande, Satyajit S Uparkar, Vikrant S Vairagde, Ashiwini A Kulkarni	Applied Mathematics	Journal of Physics: Conference Series, 2021 Publication date: 2021/5/1	2021

  
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49	A Numerical Analysis of Green Sustainable Concrete Using ANOVA	Vikrant S. Vairagade, Satyajit S. Uparkar, Kaplana G. Lokhande, Amol P. Kedar, Sachin D. Upadhye, Nischal P. Mungle	Dept of App Mathematics	Turkish Journal of Computer and Mathematics Education (TURCOMAT) e-ISSN1309-4653 Period Tri-annual Founded: 2009 Publication date: 2021/6/6	2021
50	A factor analytical study of scores obtained by B. Ed. students of Nagpur region in theory papers	NV Vaidya, SS Uparkar, Kaplana G Lokhande-	Dept of App Mathematics	Journal of Physics: Conference Series, 2021 Publication date: 2021/5/1	2021
51	MATHEMATICAL MODELING OF WORKERS ACTIVITY DURING PLANT SHUTDOWN-STARTUP ACTIVITIES WITHIN THE FRAMEWORK OF COOPERATIVE GAME THEORY	Kalpana LOKHANDE, Ashwini KULKARNI, Vinod VARGHESE	Applied Mathematics	Annals of the Faculty of Engineering Hunedoara	2021
52	Modified Newtonian Dynamics with higher derivative Lagrangian	Manisha R Pund, Vidya Thakare,	Applied Mathematics	International Journal of Scientific Research in Science and Technology	2021

  
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53	Synthesis of Novel adhesive for Bamboo Joinery and comparison of its Mechanical properties with adhesive available in the Market	Shubhangi M. Gondane, P.N. Belkhode, Manisha Joshi, J.P. Modak	Dept of App Chemistry	International Journal of Grid and Distributed Computing , Vol. 13, No. 2 (2020) pp. 2203-2210	2021
54	Techniques of Getting Proficiency for Cracking off Interview	Mrs. Shakuntala Yadav	Dept of Humanities	International Journal of Modern Agriculture	2021

  
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Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
55	Analysis Of Three Jaw Type Flexible Clutch	Dr. K.S. Zakiuddin	Mechanical	Zeichen Journal	2020
56	Artificial Neural Network (ANN) Model for prediction of Human Energy Consumption of women Thresher machine operators	Dr.C.N.Sakhale	Mechanical	European Journal of Molecular & Clinical Medicine	2020
57	Developing a mix solar drier for improved Postharvest handling of food grains	Dr.P.B.Khople	Mechanical	CIGR Journal	2020
58	Developing a mix solar drier for improved Postharvest handling of food grains	Sagar shelare	Mechanical	CIGR Journal	2020
59	A review on design of components of four stroke engine using hybrid metal matrix	Sagar shelare	Mechanical	International Journal of Mechanical and production Engg research and Development	2020

  
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60	A review on design of components of four stroke engine using hybrid metal matrix	S M Awatade	Mechanical	International Journal of Mechanical and production Engg research and Development	2020
61	MARS based bserver fr peed sesrless vector control of IM drive	Prof.(Mrs.)S.N.Agrawal Dr.S.P.Muley	EP	TEST Engineerin g & Maegment	2020
62	A Single Phase Grid Connected PV System working in Different Modes	Prof.(Mrs.)Pritee S. Gotekar Dr.S.P.Muley	EP	Engineerin g, Technology & Applied Science Research Vol. 10, No. 5, 2020, 6374-6379	2020
63	MPPT Incremental Conductance Technique for PV Systems	Dr.S.P.Muley	EP	Internation al Journal of Engineerin g Applied Sciences and Technology , 2020	2020
64	Improvement in performance of Series Z-sourse Inverter with application as solar PV water pump	Dr. S.P.Muley	EP	Iranian Journal of science and Technology	2020

  
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65	A Review on visual secret sharing schemes for binary , gray at colour image	Mr. Vishal V. Panchabhai	Electronics &Telecomm unication Engineering	Biotech Res.Comm.,W OS	2020
66	AN INTELLIGENT CONTROLLED WATER SUPPLY SYSTEM FOR APARTMENT AND SOCIETY	Dr.A.P.Rathkanthiwar	Electronics &Telecomm unication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020
67	Fourth Generation Digital Restaurant with high speed Service	Dr.M.K.Demde	Electronics &Telecomm unication Engineering	IJSREM	2020
68	Fruits Counting and Packing System usingConveyor Belt Mechanism	Dr.A.P.Rathkanthiwar	Electronics &Telecomm unication Engineering	IJSREM	2020
69	Implementation of Automatic Parcel Sorting System Using RFID	Dr.A.B.Jirapure	Electronics &Telecomm unication Engineering	International Journal of Scientific Research in Science, Engineering and Technology	2020
70	RFID Based Kid Security System with SMS & Real Time Location	Dr.Y.A.Nafde	Electronics &Telecomm unication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020

  
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71	Medicine Scheduler using Node MCU	Dr.P.U.Chati	Electronics &Telecommunication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020
72	COLD STORAGE MONITORING SYSTEM	Mrs.Jyoti Kolte	Electronics &Telecommunication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020
73	RF system to detect the location of miners in coal Mines	Dr. ( Mrs) SW. Varade	Electronics &Telecommunication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020
74	GSM BASED AUTOMATED GARBAGE TELLER MACHINE FOR METAL AND PAPER	Dr.V.G.Girhepunje	Electronics &Telecommunication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020
75	IoT Node Performance Monitoring for Wireless sensor network	J.M.Bhattad	Electronics &Telecommunication Engineering	IJSREM	2020

  
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### NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

76	Cloud Storage System for a Sensor System Parameter with Real-time Data Website with Secure Login	Dr.P.U.Chati	Electronics &Telecommunication Engineering	IJSRSET	2020
77	Thermoluminescence dosimetry properties and kinetic analysis of K <sub>3</sub> Ca <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> F:Dy <sup>3+</sup> phosphor	CM Mehare, MD Mehare, C Ghanty, NS Dhoble, SJ Dhoble	Dept of App Physics	Luminescence	2020
78	Treatment of Complex recalcitrant waste water using Fenton process	Sumita N. Rao, Seema Shrivastava	Dept of App Chemistry	Materials Today : Proceedings, 29, (2020), 1161-1165	2020

79	Performance Enhancement of Hexagonal Patch Dual Band Array Antenna with omega Shaped DGS for dual band & RADAR Application	Dr.S.S. Shriramwar	Electronics Department	Current Science Journal of Indian Academy of Sciences	2020
80	Design & implementation of microstriparray antenna for weather radar system.	Dr.S.S. Shriramwar	Electronics Department	IUP Journal of Telecommunication, IUP Publications Feb2020, Vol. 12 Issue 1, p17-24. 8p.	2020

  
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## NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

81	Medium Access Control Protocol For Wireless Sensor Networks	Dr.P.R. Rothe	Electronics Department	Springer Link, Handbook of Wireless Sensor Networks: Issues and Challenges in Current Scenario's	2020
82	Android App for Industrial Automation	Dr.V.K.Taksande	Electronics &Telecommunication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020
83	Low cost IOT node based smart irrigation system with predictive analysis	Dr.Mrs.S.W. Varade	Electronics &Telecommunication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020
84	Design of Electrical Bicycle Using Solar Panel	Dr.A.P. Rathkanthiwar	Electronics &Telecommunication Engineering	International Journal of Creative Research Thoughts (IJCRT)	2020
85	Design and Implementation of Wireless Android Operated Solar cooler	Dr.M.K.Demde	Electronics &Telecommunication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020

  
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**NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION**

86	Solar Operated Purified Water ATM Using RFID Based For Rural Areas	A.H.Charakhawala	Electronics &Telecommunication Engineering	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY	2020
87	GSM Based P10 Moving Message Display	Dr.S.P.Washimkar	Electronics &Telecommunication Engineering	International Journal of Research and Analytical Reviews (IJRAR)	2020
88	OVER TEMPERATURE FAULT DETECTION AND SWITCHING SYSTEM	Dr.S.P.Washimkar	Electronics &Telecommunication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020
89	IoT Based Smart Electricity Management System for Industry to Monitor Power consumption of Individual Appliances	Vishal Panchbhai	Electronics &Telecommunication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020
90	Implementation of Solar Operated Handy Fridge for Travel	Dr.Mrs.V.Nasre	Electronics &Telecommunication Engineering	International Journal of Scientific Research in Science, Engineering and Technology IJSRSET	2020

  
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91	Low Power Solid State Air Conditioner	M.K.Demde	Electronics &Telecommu nication Engineering	International Journal of Research and Analytical Reviews (IJRAR)	2020
92	RFID Based Smart E-Car And Bike Parking System	J.M.Bhattad	Electronics &Telecommu nication Engineering	International Journal of Research and Analytical Reviews (IJRAR)	2020
93	Face recognition with email Alert system(using Python	D.G.Gahane	Electronics &Telecommu nication Engineering	International Journal of Research and Analytical Reviews (IJRAR)	2020
94	WIRELESS GESTURE CONTROL PICK AND PLACE ROBOTIC ARM	V.Panchbhai	Electronics &Telecommu nication Engineering	International Journal of Research and Analytical Reviews (IJRAR)	2020
95	Automatic Area Wise Box Sorting Machine Using conveyer belt	Dr.N.S.Ambatkar	Electronics &Telecommu nication Engineering	International Journal of Advance Research and Innovative Ideas in Education	2020
96	Treatment of complex recalcitrant waste water using Fenton process	Seema Shrivastava	Dept of App Chemistry	Materials Today: Proceedings	2020
97	Synthesis, Raman Spectroscopy and mechanical properties of SBR-aluminium oxide nanocompositr	S.U.Bhonsule	Dept of App Physics	Materials Today: Proceedings	2020

  
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98	Synthesis and characterization of Eu <sup>3+</sup> doped Ca <sub>9</sub> La (PO <sub>4</sub> ) <sub>5</sub> (SiO <sub>4</sub> ) FCI fluoroapatite phosphor for white LED	Mr.M.D.Mehare	Applied Physics	Materials Today: Proceedings	2020
99	Minimizing Residual Aluminium Concentration In Treated Water By using Poly Aluminium Coagulant	M.P.Joshi	Applied Chemistry	Alochana Chakra Journal	2020
100	Minimizing Residual Aluminium Concentration In Treated Water By using Poly Aluminium Coagulant	J.P.Kanfade	Applied Chemistry	Alochana Chakra Journal	2020
101	Relative difference in the personality traits of the children of working mother and home makers	Dora Thompson	Humanities	(IJMPERD)	2020
102	Andrew Motion: a poet laureat with a poetic difference;protests and counter protests	Dora Thompson	Humanities	Juni Khyat Journal	2020
103	A Review of Research on English Teaching Methodology and Technical Communication	Shakuntala Yadav	Humanities	Juni Khyat Journal	2020

  
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## NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

4 Number of papers published per teacher in the Journals notified on UGC website during the year 2019

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
104	Computational Analysis of Inverter Harmonics on the Performance of Three Phase Induction Motor.	Prof U. E. Hiwase Dr.S.P.Muley Dr. K. B. Porate	Electrical	International Journal of Future Generation Communication and Networking	2019
105	Comparison of Maximum Power Point Tracking for Single Phase Photo voltaic	Dr.S.P. Muley Mrs. P.S. Gotekar	Electrical	Springer publication e-book Emerging Research in Electronics, Systems Computer Science and Technology	2019
106	Performance of Grid connected Variable Speed WECS using PMSG under MTPA control with common synchronization circuit.	Ms.D.K. Porate,	Electrical	Helix scientific Explorer	2019
107	Modified Instantaneous symmetrical component theory based control for operating ES in active power filter mode	Ms. Rutuja Pawar	Electrical	IET Power Electronics	2019

  
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108	Efficient Energy Attentive and Fault Recognition Mechanism in Distributed Wireless Sensor Networks: A Review	Dr.Nita Thakare	Computer Technology	Advances in Intelligent Systems and Computing (Book series)	2019
109	Bandwidth enhancement & analysis of microstrip antenna with DGS for S & X band applications.	Dr.S.S. Shriramwar	Electronics Department	International Journal of advanced science & technology	2019
110	Series Feed Microstrip Antenna Array for Radar System	Dr.S.S. Shriramwar	Electronics Department	IUP Journal of Telecommunication, IUP Publications Vol. 11 Issue 4	2019
111	A review paper on low power address generator for memory testing	Dr.P.R. Rothe	Electronics Department	Journal of multi disciplinary engineering technologies, vol13, issue 1	2019
112	RBFN Based IPFC for Enhancement of Power System Security	Dr.P.R. Rothe	Electronics Department	International Journal of Recent Technology and Engineering (IJRTE). Volume-8 Issue-2,	2019

  
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113	Design of Vision based Intelligent Lane detection and tracking under different conditions	Dr.M.K.Demde	Electronics &Telecommunication Engineering	Helix Journal	2019
114	Design of vision based Edge detection under different conditions	Dr.M.K.Demde	Electronics &Telecommunication Engineering	International of Engineering and advanced technology,	2019
115	“RBFN Based IPFC for Enhancement of Power System Security”,	Dr.P.R.Rothe	Electronics &Telecommunication Engineering	International Journal of Recent Technology and Engineering (IJRTE),	2019
116	Design & Development of Four Way Hack Saw	Dr.P.P. Ashtankar	Electronics &Telecommunication Engineering	International Journal of Recent Technology and Engineering (IJRTE),	2019
117	“RBFN Based IPFC for Enhancement of Power System Security”,	Dr.P.P.Ashtankar	Electronics &Telecommunication Engineering	International Journal of Recent Technology and Engineering (IJRTE),	2019
118	Review on Road safety in Hilly Area using WSN and IOT	Dr.A.B.Jirapure	Electronics &Telecommunication Engineering	International Research Journal of Engg.& Technology(I RJET)	2019

  
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119	An Expenditure study of performance and Risk of Large Cap Equity Mutual Funds Schemes	Mr. S. J. Tiwari	Applied Mathematics	International Journal of Scientific research & Review(IJS RR)	2019
120	Preparation of porous agro-waste derived carbon from onion peel for supercapacitor application	Mr.M.D.Mehare	Applied Physics	Journal of materials science.	2019
121	Carbon quantum dots/polyaniline nanocomposite (S-CQD/PANI) for high capacitive asymmetric supercapacitor device	Mr.M.D.Mehare	Applied Physics	NA	2019
122	Speed sensorless vector control IM using extended Kalman filter	Mrs. Sumitra Agrawal	Electrical Engineering	International Journal of control and Automation	2019
123	Modified Instantaneous symmetrical component theory based control for operating ES in active power filter mode	Ms.RutujaPawar	Electrical Engineering	IET Power Electronics	2019

  
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124	Gain and Bandwidth of Microstrip Antenna Array for S and C band Application	Dr.S.S.Shriramwar	Electronics Engg.	International Journal of Recent Trends in Electrical and Electronics Engineering (IJRTE)	2019
125	Design of Microstrip Antenna Array for RADAR Application: A Review	Dr.S.S.Shriramwar	Electronics Engg.	International Journal of Modern Electronics and Communication Engineering (IJMECE)	2019
126	Image forgery detection based on SURF and machine learning classifier.	Dr.P.R.Rothe	Electronics Engg.	IOSR journal of electronics and communication engineering	2019
127	IOT based school bus monitoring & security system.	Dr.M.V.Vyawahare	Electronics Engg.	International Journal of Innovative Science and Research Technology.	2019

  
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128	Beacon based SDR communication system.	Mrs.P.J.Suryawanshi	Electronics Engg.	International Journal for Scientific Research & Development.	2019
129	Different brain tumor detection techniques :A Review	Mrs.A.P.Khandait	Electronics Engg.	International Journal for Scientific Research & Development. Vol.7.issue 3	2019
130	Detection of brain tumor in MRI Images ,Using combination of BFCM & ELM	Mrs.A.P.Khandait	Electronics Engg.	International Journal for Research Publication & seminar.	2019
131	Adsorption of p-nitrophenol onto acacia glauca saw dust and waste orange peels activated carbon: application of Taguchi's design of experiment	P.T.Dhorabe	Civil Engineering	SN Applied Sciences	2019
132	Sustainable recycling of insoluble rust waste for the synthesis of Iron containing for Perovskite Type Catalyst	Dr. M.P. Joshi,	Applied Chemistry	ACS OMEGA	2019

  
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133	Ability evaluation of PAC to remove coliform organism and reduce sludge volume in water treatment	Dr. M.P. Joshi,	Applied Chemistry	international journal of current engineering and scientific research	2019
134	Analysis of mechanical properties of different bamboo species by using existing adhesive in market	Dr. M.P. Joshi,	Applied Chemistry	international journal of current engineering and scientific research	2019
135	Kinetic study of oxidation of Nitrophenol present in waste water using ferrous sulphate	S. A. Shrivastava	Applied Chemistry	Material study conference proceedings	2019
136	Synthesis, Characterization and Mathematical modeling of chelation-exchange application of copolymer resin	S. A. Shrivastava	Applied Chemistry	international journal of current engineering and scientific research	2019
137	Ability evaluation of PAC to remove coliform organism and reduce sludge volume in water treatment	J.P. Kanfode	Applied Chemistry	international journal of current engineering and scientific research	2019

  
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138	Transient thermo elastic analysis in semi-infinite solid cylinder with laser consecutive pulses	R.N. Pakade	Applied Mathematics	Journal of computer and Mathematical Sciences	2019
139	Performance Evaluation of Thematic Mutul Fund Schemes Using Capital Asset Pricing Model(CAPM)	S. J. Tiwari	Applied Mathematic	International journal of scientific research and review	2019
140	One step combustion synthesis and photoluminescence of red emitting phosphor $Y_4Al_2O_9:Eu^{3+}$	N.S. Ugemuge	Applied Physics	AIP conference proceedings	2019
141	Photoluminescence and energy transfer in $Ce(PO_3)_3:Nd^{3+}$	S.U.Bhonsule	Applied Physics	AIP conference proceedings	2019
142	Advances in High Efficiency Crystalline Silicon Homo Junction Solar cell technology	S.S.Soley	Applied Physics	AIP conference proceedings	2019
143	Concentration quenching and Luminescence decay in $Yb^{3+}$ doped Cerium Tri-metaphosphate	S.U.Bhonsule	Applied Physic	Materialstoday conference proceedings	2019

  
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144	Simple Harmonic Oscillator in k-MOND	Ms. M. R. Pund	Applied Mathematics	Nil	2019
145	Cosmological Model with Global Equation of State in	Ms. M. R. Pund	Applied Mathematics	Prespacetime Journal	2019
146	Game theory solution by Linear Programming Method with New Optimal Pivot Approach	Mrs. K. G. Lokhande	Applied Mathematics	Journal of Applied Science and Computations	2019
147	A Transient thermoelastic analysis in a semi infinite solid cylinder with laser consecutive pulses.	Dr. Mrs. A. A. Kulkarni	Applied Mathematic	Journal of Computer and Mathematical Sciences	2019

  
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5 Number of papers published per teacher in the Journals notified on UGC website during the year 2018					
Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
148	A Survey on Control and Monitoring of Home Appliances using Internet of Things (IOT).	Dr. Nita Thakre	Computer Technology	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org	2018
149	Smart Electricity Board Android Application	Prof.Snehal Golait	Computer Technology	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org	2018
150	A Survey on Enrgy Monitoring System using Internet Of Things	Prof.(Mrs.) J.P. Gabhane	Computer Technology	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org	2018
151	<b>A Survey on Smart Self Issuing System</b>	Prof.(Mrs.) J. P. Gabhane	Computer Technology	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org	2018
152	Visual Partitioning System in 3D space	Prof. N. A. Ghodichor	Computer Technology	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org	2018
153	: Cda Generation and Integration Based On Cloud Computing	Prof. Mahesh Panjawani	Computer Technology	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org	2018

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154	An lot Based Smart Parking System	Prof. Rubana Khan	Computer Technology	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org	2018
155	Survey Of Security Mechanisms For Atm Based Transactions	Prof.K.Sapkhal	Computer Technology	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org	2018
156	Women Safety Application	Prof. Vaishali Jadhao	Computer Technology	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org	2018
157	Priyadarshini College of Engineering , Nagpur Online Staff/Student Web Crawler	Ms.Manali Raut	Computer Technology	IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org	2018
158	Design & Implementation of a 9-level H-bridge Inverter Fed Induction Motor with Low Harmonic Values	Dr.S.P.Muley	Electrical Engineering	International Journal of Innovations in Engineering and Technology	2018
159	Effect of Inverter Harmonics on performance of IM	Mr.U.E.Hiwase, Dr.S.P.Muley	Electrical Engineering	International Journal of Engineering and Creative Science	2018

  
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160	Study of 5 level Diode clamped Inverter fed 3-phase IM drive system various parameter	Mr.U.E. Hiwase	Electrical Engineering	International Journal of Innovations in Engineering and Science	2018
161	Optimization Study pf Fuzzy parametric Uncertain System with Observer	Ms.Tejal D. Apale	Electrical Engineering	International Research Journal of Engineering and Technology	2018
162	Statistical analysis of sunshine based global solar radiation (GSR) models for tropical wet and dry climatic Region in Nagpur, India: A case study	Makade R.G., Jamil B.	Aeronautical Engineering	Renewable and Sustainable Energy Reviews	2018
163	Improving durability properties of concrete by using quarry dust and waste plastic as fine aggregate	Bahoria B.V., Parbat D.K., Vairagade V	Civil Engineering	International Journal of Engineering and Advanced Technology	2018
164	Simulation of human Powered Flywheel motor energized process machine through electrical cum Electronic analog circuit and its Mathematical Modeling	P.U Chati	Electronics &Telecommunication Engineering	World Journal of Modelling and Simulation	2018
165	RF Communication of Vibration Signal for Conditioning Monitoring	Dr.A.P Rathkanthiwar	Electronics &Telecommunication Engineering	HELIX-The Scientific Explorer	2018

  
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166	RF Communication of Vibration Signal for Conditioning Monitoring	Dr.(Mrs).S.W.Varade	Electronics &Telecommu- nication Engineering	HELIX-The Scientific Explorer	2018
167	Development of Dual Band Antenna forWireless Appllications.	Dr.Y.A Nafde	Electronics &Telecommu- nication Engineering	HELIX-The Scientific Explorer	2018
168	An Approach for Vehicular Adhoc Network	Dr.P.P.Ashtankar	Electronics &Telecommu- nication Engineering	International Journal of Electrical Engineering and Ethics	2018
169	Fabrication of Portable Head for Lathe	K.P.Mudafale	Mechanical Engineering	Journal of Emerging Technologie s and Innovative Research	2018
170	A Review on Gas Turbine Blade Failure and Preventive Techniques	K.P.Mudafale	Mechanical Engineering	Internationa l Journal of Engineering Research & General Science	2018
171	Design and Analysis of Wings of Aerial Vehicle	K.P.Mudafale	Mechanical Engineering	Journal of Emerging Technologie s and Innovative Research	2018
172	Estimation of Vibration Response of a Bridge Column	Girish D Mehta	Mechanical Engineering	Elsevier SSRN	2018

  
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**NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION**

173	Plastic: Historical Development And An Industrial Survey	Prashant K.Dhutekar , Dr.Girish D.Mehta , Dr.Jayant P.Modak	Mechanical Engineering	International Journal of Research in Advent Technology	2018
174	Estimation of Vibration Response of a Bridge Column	P.S. Borkar	Mechanical Engineering	Elsevier SSRN	2018
175	Estimation of Vibration Response of a Bridge Column	S.D. Shelare	Mechanical Engineering	Elsevier SSRN	2018
176	Estimation of Vibration Response of a Bridge Column	S.V. Sontakke	Mechanical Engineering	Elsevier SSRN	2018
177	An analytical study of contact stress and contact zone analysis of cylindrical (Roller) & spherical (ball) bearings in epicycloid condition	Dubey H.K.	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018
178	An analytical study of contact stress and contact zone analysis of cylindrical (Roller) & spherical (ball) bearings in epicycloid condition	Lokhande S.P.,	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research & Development	2018

  
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### NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
179	An improved multiclass support vector machine classifier using reduced hyper-plane with skewed binary tree	Prof. P.S. Bogawar	Information Technology	Applied Intelligence	2018
180	PAC as a Advanced Coagulating Materials for removal of Fluoride	J.P. Kanfade, M.P. Joshi, H.D. Juneja	Applied Chemistry	Journal of Emerging Technologies and Innovative Research	2018
181	Synthesis and Characterization of $KCe(PO_3)_4$ doped with some lanthanide activators	S.U.Bhonsule, S.P. Wankhede, S.V.Moharil	Applied Physics	Luminescence : The Journal of Bioluminescence and chemiluminescence	2018
182	Impact of $C^{5+}$ ion beam on Dy activated $Sr_2B_5O_9Cl$ TL phosphor	Abha H. Oza, Vibha Chopra, N.S. Dhoble, & S.J. Dhoble	Applied Physics	Journal of Materials Science: Materials in Electronics	2018
183	Intelligent Pattern recognition system with application to cotton leaf disease identification..	Dr. P.R. Rothe	Electronics Department	International journal Innovation in computer science and engineering	2018

  
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## NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

184	Automatic Barcode Based Bill Calculation.	Mrs. K.M. Bogawar	Electronics Department	International journal for scientific research & development	2018
185	Simulation of human POvered Flywheel motor energised process machine through electrical cum electronic analog circuit and its mathematical modelling	Ms. P.U Chati	Electronics &Telecommunicati on Engineering	World Journal of Modelling and Simulation	2018
186	Grey Wolf optimization based transmit antenna selection for LTE system	Dr.A.R.Kondelwar	Electronics &Telecommunicati on Engineering	Proceedings of the 2017 International Conference on Wireless Communications , Signal Processing and Networking, WiSPNET 2017	2018
187	Prediction of multiple sclerosis in brain MRI images using hybrid segmentation	S.P.washimkar	Electronics &Telecommunicati on Engineering	Proceedings of IEEE International Conference on Signal Processing and Communication, ICSPC 2017	2018
188	Optimal transmit antenna selection for LTE system using self-adaptive grey Wolf optimization	Dr.A.R.Kondelwar	Electronics &Telecommunicati on Engineering	Multiagent and Grid Systems	2018

  
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### NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

189	Cross-layer approach for energy & communication efficient protocol of mobile ad hoc networks	DR.V.K.Taksande	Electronics &Telecommunicati on Engineering	Proceedings of the 2017 IEEE International Conference on Communication and Signal Processing, ICCSP 2017	2018
190	A review on multiband antennas for portable wireless system applications	Mrs.YA.Nafde	Electronics &Telecommunicati on Engineering	International journal of technical innovatios in Morden engg & science	2018
191	Optimal transmit antenna selection for LTE system using self adaptive grey wolf optimization	Dr.A.R.Kondelwar	Electronics &Telecommunicati on Engineering	Multiagent and Grid System-An international journal	2018
192	Intelligent shopping device with automatic billing system with RFID	Dr.A.P.Rathkanthi war	Electronics &Telecommunicati on Engineering	Journal of emerging technologies and Innovative research	2018
193	Plastic: Historical Development And An Industrial Survey	Prashant K.Dhutekar , Dr.Girish D.Mehta , Dr.Jayant P.Modak	Mechanical Engineering	International Journal of Research in Advent Technology	2018

  
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## NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

6 Number of papers published per teacher in the Journals notified on UGC website during the year 2017					
Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
194	Statistical analysis of sunshine based global solar radiation (GSR) models for	Rahul G. Makade, Basharat Jamil	Aeronautical Engineering	ELSEVIER	2017
195	Experimental Studies on a Reinforced Bottom Ash-Based Geomaterial	Prof.Sonali.S.Naw khare	Civil Engineering	Geotechnical Frontiers 2017 GSP 280	2017
196	Implementation of new H-bridge 7 level inverter fed IM with lesser harmonic value	Dr. S. P. Muley	Electrical	Journal of Engg and applied Sciences	2017
197	Photovoltaic based series Z-source Inverter fed IM Drive with improved shoot through technique	Mr. Rahul Adle/ Dr. S.P. Muley	Electrical	ELSEVIER Science Direct Energy Procedia	2017
198	Zero Direct Axis Current (ZDC) Control for Variable Speed Wind Energy Conversion System Using PMSG-	Dr. K. B. Porate	Electrical	Elsevier Procedia	2017

  
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199	Synthesis and photoluminescence in Yb doped CePO <sub>4</sub>	S.U.Bhonsule,S.P. Wankhede,S.V.M oharil	Applied Physics	aip conference proceedings	2017
200	Fabrication of Inorganic/organic hybrid heterojunctions of Polyaniline composite/blend for the study of diode characteristics	Jyoti Ghushe,S.M. Giripunje, S. B. Kondawar	Applied Physics	Journal of Physical science	2017
201	Review on Multiply - Accumulate Unit	Dr.S.S. Shriramwar	Electronics Department	International Journal of Engineering Research and Applications (IJERA)	2017
202	Hybrid Spectrum Sensing Method for Cognitive Radio	Mrs.A.S.Khobragade	Electronics Department	International journal of Electrical and Computer Engineering	2017
203	Real Time Monitoring of Transormer using IOT.	Mrs. A.P. Khandait	Electronics Department	International journal of engineering research & technology.	2017

  
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## NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

204	Design of PROSTHETIC ARM Using Flex Sensor.	Dr.(Mrs.) M. V. Vyawahare	Electronics Department	International journal of electronics and communication engineering	2017
205	Review of Divers techniques used for effective fractal image compression.	Mr.C.N.Bhoyar	Electronics Department	International journal of engineering & technology.	2017
206	Signal jump detection process.	Mr.R.C.Iyer	Electronics Department	International journal of computer application technology & research .	2017
207	Hybrid Spectrum Sensing Method for Cognitive Radio.	Mrs. A.S.Khobragade	Electronics Department	International journal of Electrical and Computer Engineering	2017
208	Design and Analysis of Resistive Series RF MEMS Switches Based Fractal U-Slot Reconfigurable Antenna	Mrs.Y.A.Nafde	Electronics &Telecommunicati on Engineering	Wireless Personal Communications	2017
209	Design of computer vision intelligent system for lane detection	Mankar, S.J., Demde, M., Sharma, P.	Electronics &Telecommunicati on Engineering	Proceedings of 2016 Online International Conference on Green Engineering and Technologies, IC-GET 2016	2017

  
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210	Transmit antenna selection in MIMO for continuous phase modulation systems	Dr.S.W.Varade	Electronics &Telecommunicati on Engineering	2017 Far East Journal of Electronics and Communications	2017
211	New Algorithm for Time and Frequency Synchronization in MIMO-OFDM Systems	Dr.A.Rathkanthiwar	Electronics &Telecommunicati on Engineering	2017 Wireless Personal Communications	2017
212	Implementation of safety alert system for elderly people using multi-sensors	Dr.A.Rathkanthiwar	Electronics &Telecommunicati on Engineering	2017 Proceedings of the International Conference on Electronics, Communication and Aerospace Technology, ICECA 2017	2017
213	Improved iterative adaptive thresholding algorithm with sleep scheduling for lifetime maximization in wireless sensor Network	J.M.Bhattad	Electronics &Telecommunicati on Engineering	2016 IEEE International WIE Conference on Electrical and Computer Engineering	2017
214	Wavelet based image enhancement using adaptive fusion methodology	N.S.Ambatkar	Electronics &Telecommunicati on Engineering	2017 International Conference on Electrical Power and Energy Systems, ICEPES 2016	2017

  
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215	Electromagnetic behaviour of ohmic series RF MEMS switch for frequency reconfigurable antenna application	Mrs.Y.A Nafde	Electronics & Telecommunication Engineering	2016 IEEE Students' Technology Symposium, TechSym 2016	2017
216	A CASE STUDY ON IMPROVEMENT OF PLANT LAYOUT FOR EFFECTIVE PRODUCTION	S. N. WAGHMARE, P. M. SIRSAT, C. N. SAKHALE, S. M. AWATADE, S. D. SHELARE	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) SCOPUS INDEXED	2017
217	DESIGN AND DEVELOPMENT OF PNEUMATIC COTTON BOLL PICKING MACHINE	N. G. MAHALLE, P. M. SIRSAT, S. V. SONTAKKE, WASHIMRAJA SHEIKH & S. A. WELEKAR	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) SCOPUS INDEXED	2017

  
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**NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION**

218	a Case Study On Application Of Solarparabolic Trough Collector Forreducing Processing Cost	P. M. Sirsat, R. S. Tupkar, Washimraja Sheikh, V. S. Shende, S. M. Awatade	Mechanical Engineering	International Journal of Mechanical Engineering and Technology (IJMET) SCOPUS INDEXED	2017
219	Formulation Of Mathematical Model For Processing Time Required For Bamboo Sliver Cutting Using HPFM	Siddharth K. Undirwade , M.P. Singh, C.N. Sakhale	Mechanical Engineering	Materials Today: Proceedings 4 (2017) Elsevier, SCOPUS INDEXED	2017
220	Need of Six Sigma in Testing Laboratories: Some Explorations	Pranil Vijay Sawalakhe Sunil V. Deshmukh and Ramesh R. Lakhe	Mechanical Engineering	International Journal of Reliable and Quality E-Healthcare (IJRQEH) igi-global publication SCOPUS INDEXED	2017

  
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## NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

221	DESIGN AND DEVELOPMENT OF CONSTANTPRESSURE DELIVERING PUMP	Amit L. Meshram Sagar D. Shelare Machchendra K. Sonpimple	Mechanical Engineering	International Journal of Engineering Sciences and Management (Free Journal)	2017
222	Design Of Experimentation Process For Grains And Herbs Drying Process Using Conical Solar Dryer	C.N. Sakhale, Ajit Harde and G.R. Selokar	Mechanical Engineering	IJRECE ISSN Vol.5, issue:4, Oct.- Dec.:17	2017

  
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### NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

7. Number of papers published per teacher in the Journals notified on UGC website during the year 2016

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
223	Design Of Propeller Powered Vehicle	Manish Kumar, Rajan Lakra, Nakash Nazeer, Geetesh Waghela	Aeronautical Engineering	International Journal Of Research In Engineering And Technology	2016
224	Studies on molecular interactions of some neurotransmitters in water using volumetric and compressibility measurements at T= (278.15, 288.15 and 298.15) K	Dr. P. H. Shende	Applied Chemistry	J. Chem. Thermodynamics, vol 93, 8-18	2016
225	Chloro & Iodo-stemmed products of chitosan	Dr. Mrs. S. A. Shrivastava	Applied Chemistry	Res. J. Chem. Environ, Volume 20 (9), 27-35	2016
226	3 Photoluminescence study of Tb <sup>3+</sup> doped CaCO <sub>3</sub> synthesized by solid state metathesis	4 AM Muke, NS Ugemuge, SV Moharil	6 Applied Physics	7 AIP Conference Proceedings 1728 (1), 020324	2016

  
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227	Effect of Ce <sup>3+</sup> ion on Dy <sup>3+</sup> and Mn <sup>2+</sup> in KMgSO <sub>4</sub> Cl synthesized by centrifuge method	Nita Shinde, N. S. Dhoble, S.C. Gedam and S. J. Dhoble	Applied Physics	Journal of Luminescence(Elsevier)	2016
228	Effect of Metal Doped Zinc Oxide Nanorods on Photoelectrical Characteristics of ZnO/Polyaniline Heterojunction	Jyoti Ghushle, S.M. Giripunje, S. B. Kondawar	Applied Physics	Journal of Inorganic and organo metallic polymers and materials	2016
229	· Innovative Teaching Tools And Techniques Language Lab-An Effective Technique For Learning Nuances Of Language	· Dr. Mrs. Dora Thompson	· Humanities	· International Journal of English Language, Literature and Humanities.	2016
230	Design and Simulation of Multirate Filter using BFD Multiplier Architecture.	Mrs. P.J. Suryawanshi	Electronics Department	International journal of advanced research in computer and communication engineering .	2016
231	Area Optimized VLSI Implementation for Color Image Edge Detection.	Dr.(Mrs.) M. V. Vyawahare	Electronics Department	International journal of advanced research in computer and communication engineering	2016

  
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### NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

232	Efficient FPGA Realisation of DA-Based FIR Digital Filter for Power and Area optimization.	Dr.S.S. Shriramwar	Electronics Department	IJSRD - International Journal for Scientific Research & Development	2016
233	“A comparative study of low power area efficient carry select adder .	Ms .Divya meshram	Electronics Department	International Journal of Pure and Applied Research in Engineering and Technology	2016
234	A Review of 32 Bit Arithmetic Adder Using Reversible Logic.	Shubhashree Damle, S.G.Mungale Mrs K.M.Bogawar	Electronics Department	International Journal of Pure and Applied Research in Engineering and Technology	2016
235	Analysis of Spectrum for Cognitive Radio using Matched Filter Detector and OFDM Technique.	Mrs.A.S. Khobragade	Electronics Department	International journal ,CIIT-IJ Coimbatore Institute of Information Technology ,	2016
236	Implementation of Secure Hash Algorithm-1 using FPGA.	Mrs.A.S. Khobragade	Electronics Department	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)	2016

  
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## NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

237	VLSI architecture design for DWT: Using polyphase and pipelining and their effective comparasion	Dr.A.Ranthkanthi war	Electronics &Telecommuication Engineering	2016 Proceedings - IEEE International Conference on Information Processing, ICIP 2015	2016
238	Design and analysis of reconfigurable antenna using RF MEMS and fractal geometry	Mrs.Y.A Nafde	Electronics &Telecommuication Engineering	2016 Lecture Notes in Electrical Engineering	2016
239	Energy Efficiency of Wireless Network Using Balance Routing	J.M.Bhattad	Electronics &Telecommuication Engineering	2016 Proceedings - 2015 International Conference on Computational Intelligence and Communication Networks, CICN 2015	2016
240	A review paper on intelligent lane departure warning system for driver assistance	M.K.Demde	Electronics &Telecommuication Engineering	2016 Pakistan Journal of Biotechnology	2016
241	Application of FCM Clustering on AM-FM to Detect MRI Disease Progression for Multiple Sclerosis	S.P.Washimkar	Electronics &Telecommuication Engineering	Proceedings - 2015 International Conference on Computational Intelligence and Communication Networks, CICN 2015 ,Cit-	2016

  
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**NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION**

242	Lung sound analysis based methodology to identify asthmatic patient for low power low cost embedded system	N.S.Ambatkar	Electronics &Telecommunication Engineering	2016 International Conference on Energy Systems and Applications, ICESA 2015	2016
243	Application based design strategies and simulation of wireless adhoc communication network using intelligent transportation system	P.PAshtankar	Electronics &Telecommunication Engineering	International Conference on Energy Systems and Applications, ICESA 2015	2016
244	Performance analysis of Reconfigurable U- slot Fractal Antenna for Wireless applications	Mrs.Y.A. Nafde	Electronics &Telecommunication Engineering	IEEE International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2016	2016
245	Formulation of Field Data Based Model to Estimate the Noise Level in a Diesel Generator Set with Acoustic Enclosure.	R.R. Askhedkar V.Vanalkar Dr.J.P.Modak	Mechanical Engineering	International Journal of Mechanical Engineering & Technology (IJMET) IAEME Publication SCOPUS INDEXED	2016

  
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**NAAC CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION**

246	Critical success factors for lean Six Sigma in SMEs (small and medium enterprises)	M. S.Lande, R. L. Shrivastav	Mechanical Engineering	The TQM Journal (Emerald Inside), SCOPUS INDEXED	2016
247	Review of Six Sigma applications in clinical testing laboratory	Pranil V. Sawalakhe Sunil V. Deshmukh Ramesh R. Lakhe	Mechanical Engineering	International Journal of Six Sigma and Competitive Advantage INDERSCIENCE Publication SCOPUS INDEXED	2016

  
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