



PIMPRI CHINCHWAD EDUCATION TRUST'S
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING & RESEARCH

- N.B.A. Accredited Courses - Comp. Engg., E&TC Engg., Mech. Engg., Civil Engg.
- An ISO 9001:2015 Certified Institute
- Approved by A.I.C.T.E., Govt. of Maharashtra, D.T.E., Mumbai
- Affiliated to Savitribai Phule Pune University, Pune



Add : Plot B, Survey No.110 (p) Laxminagar,Ravet, Pune - 412101.

Ph.: 020 - 8237238080 email : pccoer.ravet@gmail.com Website : www.pccoer.com

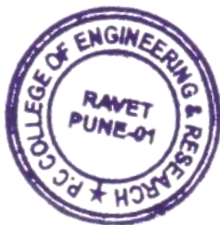
Research Paper Publication by Faculty (UGC Care/ Scopus/SCI/WoS) (Academic Year : 2019-20)

Sr. No.	Title of paper	Name of the author/s	Department	Name of journal	Year of publication	Type of Journal	Link
1	Harnessing Feature Extraction Techniques alongside CNN for Diabetic Retinopathy Detection	Prof. Shweta Koparde	Computer	International Journal of Recent Technology and Engineering	2019-20	UGC Approved	Click
2	Machine Learning Based Malware Detection: A Boosting Methodology	Prof. Nilesh Korade	Computer	International Journal of Innovative Technology and Exploring Engineering	2019-20	UGC Approved	Click
3	Automatic Collection and Segregation of Domestic Solid Waste using IoT	Prof. Ompriya Kale	Computer	International Journal of Advance Research in Engineering, Science & Technology	2019-20	UGC Approved	Click
4	3-level authentication for Bank Locker security	Prof. Soman Lunawat	Computer	International Journal of Scientific Research in Multidisciplinary Studies	2019-20	UGC Approved	Click
5	Investigation On Geotechnical Properties Before And After The Construction Of Earth Retaining Structures-West Konkan A Case Study	Prof. Sudarshan Bobade	Civil	Sustainable Civil Infrastructures Book Series (SUCI)- Springer	2019-20	Scopus	Click
6	Utilization Of Plastic Waste For Manufacturing Of Paver Block	Prof. Satish Pitake	Civil	Aegaeum Journal	2019-20	UGC Approved	Click

7	An Experimental Investigation On Partial Replacement Of Concrete Ingredient By Marble Waste & Industrial Waste Water	Prof. Satish Pitake	Civil	Aegaeum Journal	2019-20	UGC Approved	Click
8	Economical And Eco-Feasible Method Of Slab Curing Pad	Prof. Anand Kudoli	Civil	Aegaeum Journal	2019-20	UGC Approved	Click
9	A System For Recycling Of Water In Drinking Water Units	Prof. Anand Kudoli	Civil	Aegaeum Journal	2019-20	UGC Approved	Click
10	Impact Of Stone Crushing Industries On Quality Of Surface And Groundwater	Prof. Gajanan Supe	Civil	International Journal of Creative Research Thoughts (IJCRT)	2019-20	UGC Approved	Click
11	Dust Emission Due To Stone Crushing Activities In Kondhwa Region (Pune)	Prof. Gajanan Supe	Civil	International Journal of Engineering Research and Applications	2019-20	UGC Approved	Click
12	Use of Discrete Sumudu Transform in cryptography	Mr. Mahesh Sarada	First Year	International Journal of advance research, ideas and innovations in technology	2019-20	UGC List	Click
13	Impact analysis of CalophyllumInophyllum oil biodiesel on performance and emission characteristic of diesel engine under variation in compression ratio, engine load, and blend proportion	Rahul Krishnaji Bawane	Mechanical	International Journal of Ambient Energy	2019-20	Scopus	Click
14	Design, Development and Manufacturing of Rear Wheel Steering System for Self Propelled Onion Harvesting Machine	Tejal Patil	Mechanical	International Research Journal of Engineering and Technology	2019-20	Scopus	Click
15	Design and Analysis of Electric Bike Chassis	N S Vele	Mechanical	International Research Journal of Engineering and Technology	2019-20	UGC Approved	Click
16	Design and Simulation of Microstrip Multiband Antenna for Wireless Applications	Triveni Dhamale, Mr. Rahul Parbat	E&TC	Journal of Science & Technology (JST)	2019-20	UGC	Click
17	Diabetic Retinopathy Detection Using Deep Learning	Prof M. S. Andhare	E&TC	Mukt Shabd Journal	2019-20	UGC	Click
18	Making India Paperless using cloud for documentation	Prof.V.S.Kumbhar	E&TC	Mukt Shabd Journal	2019-20	UGC	Click

19	A review on computer-aided recent developments for automatic detection of diabetic retinopathy	Mr.Santosh N Randive	E&TC	Journal of Medical Engineering & Technology(JMET)	2019-20	Scoups	Click
20	A self-adaptive optimization for diabetic retinopathydetection with neural classification	Mr.Santosh N Randive	E&TC	International Journal of Nano and Biomaterials(IJNBM)	2019-20	Scoups	Click
21	Intelligent model for diabetic retinopathy diagnosis: a hybridized approach	Mr.Santosh N Randive	E&TC	International Journal of Bioinformatics Research and Applications(IJBRA)	2019-20	Scoups	Click
22	Pandemic Security System for Police using Neural Networks	Dr. Rahul G. Mapari, Mr. Kishor B. Wane	E&TC	International Journal of Future Generation Communication and Networking	2019-20	UGC Approved	Click
23	Design of Microstrip Patch Antenna with Enhanced Bandwidth and Harmonic Suppression for WLAN Applications	Dr. Rahul G. Mapari	E&TC	International Journal of Recent Technology and Engineering (IJRTE)	2019-20	Web of Science	Click
24	Tri-Concomitant Local Feature Learning for Diabetic Retinopathy Classification	Mr.Santosh N Randive	E&TC	International Journal of Engineering and Advanced Technology (IJEAT)	2019-20	Web of Science	Click
25	Mathematical Modeling, Control Design, Simulation & Implementation of Electric Vehicle Charger	Dr. Rahul G. Mapari, Mr. Rahul S. Parbat	E&TC	International Journal of Engineering and Advanced Technology (IJEAT)	2019-20	Web of Science	Click
26	Discrimination Of Paddy Varieties Using Wavelet Features	Dr. Archana Chaugule	Computer	International journal of advanced research	2019-20	UGC Approved	Click
27	Crowd Monitoring System using Artificial Neural Networks	Dr. Archana Chaugule	Computer	International Journal of Scientific Research & Engineering Trends	2019-20	UGC Approved	Click
28	Explanation Generation Mechanism for Black Box Recommendation Model	Prof. Shweta Koparde	Computer	International Journal of Innovative Technology and Exploring Engineering	2019-20	UGC Approved	Click
29	High Performance Analysis of Latent Heat Thermal Energy Storage using Phase Changing Material in a Circular Orientation.'	Prof.Rupali Patil	Mechanical	International Journal of Engg and Advanced Technology	2019-20	Scopus	Click

30	Cottonseed Trimethylolpropane (TMP) Ester as Lubricant and Performance Characteristics for Diesel Engine	Prof.Gulab Siraskar	Mechanical	International journal of engg and advanced technology	2019-20	UGC Approved	Click
----	--	---------------------	------------	---	---------	--------------	-----------------------



R. Bawane

Dr. Rhaul Krishnaji Bawane
Coordinator Research & Development

G. Kulkarni

PRINCIPAL
Pimpri Chinchwad College of Engg. & Research
Laxminagar, Ravet, Pune-412 101