

Government Polytechnic Pune

Research Paper Published

Sr.No	Department	Name of Faculty	Title of Research Paper Published	Research Paper Publication	Year of Research Paper Published
1	Department of Mechanical Engineering	Dr. R R Saraf	Design and fabrication of hybrid go cart	International research journal of Engineering and technology	2019
			Design and manufacturing of Arduino operated sanitiser spray Robot	International research journal of Engineering and technology	2021
		Mr. Chandrakant S. Ghadge	Geometric Features Extractio of a 3D CAD Model for Reconfigurable Manufacturing	Trans Steller	2019
			Selection of Spindle Orientetations in RMS Environment	IJIIRD	2020
2	Department of Dress Design and Garment Manufacturing Engineering	Mrs. S. N. Shinde	Computer wearable's enabling taking body measurements physical to digital	ICEET	2021
			Upcycling :Empowering women Entrepreneurship	NC-S Engg. Sic and Tech	2020
			Developing standard size chart for teen age girls of 17 to 19 years using anthropometry	ICSTM	2020
			Self measuring :An effective anthropometric tool for body measurements to develop standard size chart	NC-QE &SD	2019
			Visual Anthropometry to accelerate the process of apparel manufacturing	NC-SQ2019	2019
			Culture & Society's impact on designing ,sizing standardization in fashion arena	NC-SQ 2018	2018
3	Department of Computer Engineering	Mrs.S.J.Siraskar	Re-balancing approach using CACO Approach in Multi Cloud Environment Seventh Post Graduate Conference of Commuter Engineering.	SPPU, PUNE	5 & 6 April,2018
			Dynamic load Re-balancing using CACO Approach for distributed Hadoop Storage System	International Journal of Innovative re-search in	vol 6, Issue 6 June 18
			Re-balancing approach using CACO Approach in Multi Cloud Environment	International conference on Emerging Trends in Science	8 & 9 May ,2018

3	Department of Computer Engineering	Mrs.S.P.Ambavane	Dynamic Role Base Access Control (RAC) using Multi Authority Verification in Cloud Environment	International Conference on Emerging Trends in Science, Engineering and Technology	Mar-18
		Mrs.Megha Yawalkar	Privacy approach on Relational Database using Fingerprint Insertion and Removal for distributed databases	IJIACS - Academic Science,International Journal of Computer Science - Volume	2018
			A framework for categorizing and applying Privacy - Preservation techniques in Big Data mining - Survey	International Journal of Innovative Research in Science, Engineering and Technology - Volume 6, Issue	2018
			Big Data Privacy Preservation using Fingerprint Insertion and Removal Technique for Distributed Framework	International Journal of Innovative Research in Computer and Communication Engineering - Vol. 6, Issue 5, May 2018, ISSN: 2320-9801	2018
4	Department of Electronics and Telecommunication Engineering	Dr. S. P. Narote	Hybrid Optimization And Effectual Classification For High Recognitions In OCR Systems	Springer, The Institutions of Engineers(India): Series B, vol. 102, no. 3,2021	2021
			English Character Recognition Using Robust Back Propagation Neural Network	International journal of scientific & technology	2019
			Feature Extraction Techniques based on Swam Intelligence in OCR	International journal of Innovative Technology and	2019
			An Effectual Optical Character Recognition Using Efficient Learning System	International Conference on Sustainable Computing in Science, Technology &	2019
		Mrs. N. S. Bakde	IOT based circuit breaker	International Research Journal of Engineering and	2020
5	Department of Electrical Engineering	Dr. B. R. More	Load forecasting Methods approach for smart grid	International Journal of pure	30 May 2018
			Case study of load forecasting as an approach towards the smart grid of 11kV distribution system at SGGSI&T Nanded	International Journal of pure and applied mathematics volume 118 , no 24	25 May 2018
			Harmonic reduction using Designed filter with solar Integration for power quality issue subject to smart grid	International Journal of Engineering and Technology	

5	Department of Electrical Engineering	Mr Kiran Dagade & Mr Saptarsh Bhosle, Under the Guidance of Dr V. K. Jadhav	Paper Title :- Electrical World With IOT	Internal Conference On Green Energy Sustainable Development At Government Polytechnic, Nagapur	26 & 27 Feb. 2019
6	Department of Information Technology	Smt. S. D. Raut	A Survey on Identity-Based Integrity Auditing and Data sharing with Sensitive Information Hiding for Secure Cloud Storage	International Journal of Advance Scientific Research And Engineering Trends (IASRET)	09-09-2018 Online: 2456-0774
7	Department of Civil Engineering	Mrs Sindhu R Panapa	Dynamic Analysis of Machine Foundation using Ansys	International journal for science and advance research in Technology. Volume 4, Issue 10 Oct 2018	2018
8	Department of Metallurgical Engineering	Mrs.Namita S. Kadam	KON TIKI pyrolysis of agro/waste and tests for usefulness of biochar to farmers	Proceedings of 66th Annual Convention of Deccan Sugar Technologists' Association (I), Pune.	30 and 31 October, 2021
		Mrs.Namita S. Kadam and Mr.Abhijit V. Mehtre	An affordable technique for in situ production of biochar by farmers for air pollution control and soil remediation	Chemical Weekly	16-Apr-19
9	Department of Applied Science and Humanities	Miss N.B.Khadke	A Novel Chemosensor for Fe ³⁺ Based on 2-(aminoquinolin-3-yl) methylene-4-nitrobenzohydrazide	American International Journal of Research in Science, Technology, Engineering &	2018
			Selective Acetate Ion Sensing by Simple Isophthaloyl Based Fluorescence Receptor	American International Journal of Research in Science, Technology, Engineering &	2018
			Highly Selective and Sensitive Colorimetric Probe for Al ³⁺ and Fe ³⁺ Metal Ions Based on 2-Aminoquinolin-3-yl Phenyl Hydrazone Schiff Base	Inorganica Chimica Acta	2019
			Isophthaloyl based selective fluorescence receptor for Zn(II) ion in semi aqueous medium	Journal of Florescence	2019
			Amino quinoline based selective colorimetric chemosensor for detection of Cu ²⁺	Journal of analytical chemistry	2020

PATENT:

Faculty Name: Dr. S. P. Narote

Patent Name: Deep Learning Based Detection of Abnormality Scenarios For Computer Vision Based HAR Systems, Patent Office Journal No. 26/2021 Dated 25/06/2021, pp 28193

RESEARCH MONOGRAPH

Faculty Name: Dr. S. P. Narote

Name: Dr. S. P. Narote, “Material in Nano form for Humidity and Moisture Sensor: Controller Applications to Agriculture and Medical Field”, Lambert Academic Publishing, AprilOct. 2019.