EXCEL ENGINEERING COLLEGE

Pallakkapalayam

FACULTY PUBLICATIONS

Academic Year: 2019-20

S.No	Name of the Faculty	Title of the Paper	Journal Name	Publication Details
DEPARTMENT OF AERONAUTICAL ENGINEERING				
1	Dr.P.Karunakaran	Effect of dimpled surface on aircraft wing	International Journal of Scientific Research in Engineering and Management	Vol. 04 Issue: 03,pp.1-3, 2020 ISSN: 2582-3930
2	P.Deepak kumar	Development of Novel Computer Program for Cycle Analysis of Turbojet Engine	International Journal of Innovative Research & Growth	Vol. 9(4), pp.1872-1878, 2020 DOI: 10.35940/ijitee.D1601.029420 ISSN: 2278-3075
3	A.Karthikeyan	Machine leaning in optimization of multi-hole drilling using a hybrid combinational IGSA algorithm	Concurrent Engineering: Research and applications	Vol. 28(2),pp. 130-141, 2020 ISSN 15312003, 1063293X
4	S.Karthik	Aero dynamical optimization of adaptable span wing of telescopic spar and foldable wing tip using computational fluid dynamics	Proceedings of International Conference on Power Engineering	Volume-8, Issue-6, pp.1-6, 2020 ISSN: 2277-3878
5	S.Balasundaram	Implementation of Sweep Back and Polyhedral Wing in USB	International Journal of Innovation Research in Technology	Vol. 6 Issue 11 ISSN:2349-6002
6	S.Prashanth	Effect of dimpled surface on aircraft wing	International Journal of Scientific Research in Engineering and Management	Vol. 04 Issue: 03,pp.1-3, 2020 ISSN: 2582-3930
7	D.Vadivel	A Study of Reduction of Flow Separation in Aerofoil Using Dimples	International Journal Of innovative Research in Technology	Volume 6, Issue 10 Page(s): 247 – 254
8	S.Karthik	Optimization, Design and Analysis of Axial Flow	journal of Emerging Technologies and	Vol.6, Issue 6, page no.786-789, June

		Compressor in Jet Engine	Innovative Research	2019 ISSN:2349-5162
DEPARTMENT OF CIVIL ENGINEERING				
9	Ms.D.Mythili	Alkali Aggregate reaction in Dam Structures	International Research Journal of Multidisciplinary Technovation (IRJMT)	ISSN 2582-1040 Nov 2019;1(6);220-224
10	Mr.P.K.Ranganathan	Evaluation of FRC using Steel and PVA Fibers in Concrete	International Journal for Scientific Research & Development (IJSRD)	ISSN (ONLINE): 2321 0613 VOL 7,IIssue 10,in Dec 2019
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING				
11	Dr.S.Sreethar	File Management and Transparency System using Block chain	International Journal of Recent Technology and Engineering	Volume:8 Issue: 6 Pages:4311-4314 ISSN/DO::2277-3878
12	Dr.K.Geetha	Dynamic Virtual cluster cloud security using hybrid steganographic image authentication algorithm	Journal of Control, measurement,Electronics, computing and communications- Taylor & Francis	Volume:60 Issue: 3 Pages:314-321 ISSN/DOI:0005-1144
13	Dr.K.Geetha	A Secured software Architecture for providing Data Security in Cloud	Journal of Adv Research in Dynamical & Control Systems	Volume:11 Issue:8 Pages:1677-1685 ISSN:1943-023X
14	Dr.K.Geetha	A Modified Shuffled frog leaping algorithm for scientific workflow scheduling using clustering techniques	(Springer)- Soft Computing	Volume:24 Issue:1 Pages:637-646 ISSN: 1433-7479
15	Dr.K.Geetha	Data Replication in Mobile Edge Computing Systems to Reduce Latency in Internet of Things	Wireless Personal Communications - Springer	Pages:1-20 ISSN :1572-834X
16	Dr.K.Geetha	Improvement in Hadoop performance using integrated feature extraction and machine learning algorithms	Springer)-Soft Computing	Volume:24 Issue1 Pages:627-636 ISSN: 1433-7479

17	Dr.K.Geetha	A Survey On Static And Online Feature Selection Algorithms In Big Data For Classification Accuracy	International Journal of Advanced Science and Technology	Vol. 29 Issue: 7 Pages:2463-09 ISSN :2005-4238
18	Dr.K.Geetha	Lasso And Ridge Regression For Optimized Resource Allocation In Cloud Computing	Journal of Advanced Research in Dynamical & Control Systems	Volume:12 Issue:2 Pages:1740-1747 ISSN:1943-023X
19	Dr.K.Geetha	Literature Survey Of Data Latency Reduction Techniques In Mobile Edge Computing-IOT	Journal of Critical Reviews	Volume:7 Issue:6 Pages: 673-677 ISSN:2394-5125
20	Dr.S.Prabagar	A Comprehensive Study on social Network Mental Disorder Detection via online Social Media Mining	International Journal of Management, Technology And Engineering	ISSN :2249-7455
21	Mr.P.Gowsikraja	Workflow Management with Real time Task Oriented Energy aware scheduling in virtualized cloud	International Journal of Management, Technology And Engineering	ISSN :2249-7455,2019
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING				
22	S.AnbuKaruppusamy,	Automatic Human Activity Recognition in Video Surveillance System using Versatile Quadric Activity Portion Classification Method	Journal of Medical Imaging and Health Informatics	Volume 9, Number 7, PP. No. 1393-1400, Sep 2019 ISSN 2156-7018
23	S.AnbuKaruppusamy	Video Surveillance System against Anti-Terrorism By Using Adaptive Linear Activity Classification (ALAC) Technique	Journal of Medical Systems	Vol 43, Article number: 25 629 June 2019 ISSN 2156-7018
24	S.AnbuKaruppusamy	A hybrid swarm intelligent framework to support efficient military communication in MANET	Journal of Ambient Intelligence and Humanized Computing	Online Publication on April 2020 Springer. ISSN 18685137
25	N.Nandhagopal	Improving QoS and efficient multi-hop and relay based communication frame work against attacker in MANET	Journal of Ambient Intelligence and Humanized Computing	online Publication on march 2020 ISSN 0929-6212
26	N.Nandhagopal	Enhancing the Robustness and Security against Various Attacks in a Scale: Free Network	Wireless personal Communication,	online Publication on April 2020 ISSN 0141-9331

27	L.Mubaraali	Intelligent Fault Diagnosis in Microprocessors System for Vibration Analysis in Roller Bearings in Whirlpool Turbine Generators real time processor Applications	Microprocessor and Microsystems	Volume 76, July2020 ISSN 0020-7748
28	G.Prakash	A Design of 2- Bit Universal Shift Register Using Rotated Majority Gate Based on Quantum –Dot Cellular Automata Technology	International Journal of Theoretical Physics	online Publication on June 2019 ISSN 0020-7748
29	G.Prakash	Resource Key Distribution and Allocation based on Sensor Vehicle Nodes for Energy harvesting in Vehicular Ad hoc Networks for Transport Applications	The Journal of Super Computing	Open access, December 2019 Springer ISSN 0920-8542
30	N.Nandhagopal	Gesture Control Robot Using Arduino	International Journal of Advanced Science and Technology	Vol 6 Number29 ,PP4196 – 4203 ,April 2020 ISSN2005-4238
31	N.Nandhagopal	MRI Based Brain Tumor Detection usingSpearman algorithm with optimized CNNClassifier	Journal of Interdisciplinary Cycle Research	Vol2 Number 12, PP164-175, February 2020 ISSN 0022-1945
DEPARTMENT OF INFORMATION TECHNOLOGY				
32	Ms.R.Vishalakshi	Exploring Machine Learning Techniques for Localization of wireless sensor Networks	Journal of Information and Computational Science	Volume 9/ Issue 11/ P.no. 568 to 575/2019 ISSN1548-7741
33	Ms.R.Vishalakshi	Merits and Demerits of Routing Protocols in Wireless Sensor Networks	Journal of Advanced Research in Dynamical and Control Systems	Volume 11 | Issue 9/ Pages: 55-61/2019 ISSN: 1943-023X
DEPARTMENT OF MECHANICAL ENGINEERING				
34	R.Rajarajan	A Reformed Adaptive Frequency Passiveness Control For Unified Power Quality Compensator With Model Parameter Ability To Improve Power Quality	Microprocessor and Microsystems	Volume- 73, Regular Issue, March- 2020 DOI information: 10.1016/j.micpro.2019.102984 ISSN: 0141-9331
35	R.Rajarajan	Mitigation of Voltage Sags and Stability Analysis of	Journal ofCritical	Vol. 07, Issue 04, 2020 DOI:

		Distribution System Based on UPQC Using Substantial Transformation Intrinsic Algorithm (STIA)	Reviews	http://dx.doi.org/10.31838/jcr.07.04.160. Page No: 847- 854 ISSN: 2394- 5125
36	R.Rajarajan	Unbalance Source Voltage and Load Current Mitigation Using UPQC based on Power Impelling Optimization Technique	International Journal of Psychosocial Rehabilitation	Vol. 24, Issue 03, 2020 DOI: 10.37200/IJPR/V24I3/PR200948 Page No: 2014-2027 ISSN:1475-7192
37	R.Rajarajan	Transient Stability Enhancement for Distribution System Using Three Phase Unified Power Quality Conditioner with anIntrinsicPowerPredictionTechnique	Journal ofAdvancedResearch in Dynamical and Control Systems (JARDCS)	Vol 11, 12 Special Issue, 2019 DOI: 10.5373/JARDCS/V11SP12/20193321 Page No: 1138-1150 ISSN 1943-023X
38	Dr.K.Boopathy	Investigation of the effect of chemical composition on Tool Life Enhancement for a manufacturing industry.	Journal of the Balkantribologicalassociatio	ISSUE:2/VOLUME:25/P.NO:413-431/2019/ISSN:1310-4772