K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM – 630 612
Department of Information Technology

JANUARY 2019 to DECEMBER 2019

PUBLICATIONS IN INTERNATIONAL / NATIONAL JOURNAL

Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
Dr. R. Alageswaran, HOD/IT	Information Technology	A review on Machine Learning	Pramana Research Journal	Volume 9, Issue 6,2019 March 2019	-
Dr.P.Ganesh Kumar, Prof/IT	Information Technology	Performance and Analysis of Trans multiplexers using Decimator and Interpolator	Journal of Circuits, systems and Computers(JCSC), World Scientific Publishing Company	Vol.28, No.1, (2019) March 2019	-
Dr.G.Ramesh, Prof/IT	Information Technology	User Profiling Bases On Sentiment Analysis of Twitter Data	International journal for Scientific Research & Development	Vol.7, Issue 01,2019, March 2019	-
Dr.G.Ramesh, Prof/IT	Information Technology	High Efficient Prediction of Anomaly using HTBRM in online network	International journal for Research & Development in Technology,	Vol.11, Issue 04 Apr-2019,	-
Dr.J.S.Kanchana, ASP/IT	Information Technology	Improving Cluster efficiency by density based approach using Hybrid optics	International Journal for Scientific Research and Development	Vol 7, Issue 1 March 2019	-
Dr.J.S.Kanchana, ASP/IT	Information Technology	Efficient Way of Flooding Avoidance using ASFAlgorithm in Wireless Data Centers	International Journal of Research in Engineering, Science and Management (IJRESM)	Volume:2, Issue :4, April 2019	-
Mr. S. Ilangovan,	Information	A Hybrid Feature Selection Method for	Springer –	Mar-19	-

ASP/IT	Technology	Effective Data Classification in Data Mining Applications			
Mr. S. Ilangovan,ASP/IT	Information Technology	Effective Feature Selection Strategy for Healthcare Analysis using SVM and MLP	International Journal of Research in Engineering, Science and Management (IJRESM)	Volume:2, Issue :3, March 2019	-
Mr. S. Ilankumaran, ASP/IT	Information Technology	Quality-based pattern C^2 code score-level fusion in multimodal biometric authentication system using pattern net	Springer – Soft computing	FEB 2019.	-
Mr. S. Ilankumaran, ASP/IT	Information Technology	Multi Bio-metric Authentication Using Finger Vein and Palm Print	International Journal for Scientific Research and Development	Vol 7, Issue 1, March 2019	-
Mr.C.Pandian,AP(Sr.Gr)/it	Information Technology	E-Valuating Using Natural Language Processing	International Journal of Research in Engineering, Science and Management (IJRESM)	Volume:2, Issue :3, March 2019	-
C.Manjula Devi, AP/IT	Information Technology	Garbage Monitoring System Using IOT	International Journal of Research in Engineering, Science and Management (IJRESM)	Volume:2, Issue :3, March 2019	-
S.Padma Priya, AP/IT	Information Technology	Eco Friendly Vehicle Pollution Detection and Controlling system using IOT	International Journal of Research in Engineering, Science and Management (IJRESM	Volume:2, Issue :3, March 2019	-
J.Karthikeyan, AP/IT	Information Technology	Vision Based Autonomous Navigation Robot	Research in Engineering, Science and Management	Volume:2, Issue :3 March 2019	-

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J.Karthikeyan, AP/IT	Information Technology	Gesture Control Surveillance Robot(GESBOT)	Research in Engineering, Science and Management (IJRESM	Volume:2, Issue :3, March 2019	-
S. Vijayasharmila, AP/IT	Information Technology	Energy conservation in Mobile Adhoc network using enhanced fitness function	International Journal for Scientific Research and Development	Vol:7, Issue : 1 March 2019	-
J.Gautam, AP/IT	Information Technology	Efficient Traffic Scheduling and Congestion Control Mechanism in Wireless Networks	International Journal for Scientific Research and Development	Vol. 7, Issue 01, 2019 March 2019	-

PUBLICATIONS IN INTERNATIONAL / NATIONAL CONFERENCE

Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Conferences	Month and Year of publication
Dr. R. Alageswaran, ASP/IT	Information Technology	Enhanced Zone based Clustering Routing (EZCR) based on QoS Parameters	International Conference on Advanced Scientific Innovation in Science, Engineering and Technology	Bharath Institute of higher Education and Research 19.04.19 to 23.04.19
Dr.J.S.Kanchana,A SP/IT	Information Technology	Improving the efficiency of clustering with drifting concepts using differential evolutionary particle swarm optimization Algorithm	Second International Conference on Science, technology, Engineering and Management, 15th & 16th, February	Kumaraguru College of Technology 15 & 16 Feb 19

				2019.
Mr.L.R.J.Karthik, AP/IT	Information Technology	Online Medical Assistance using Persona Algorithm in NLP	National Conference on Smart computing and Advanced Communication	PSNA College of Engineering and Technology 15th March 2019
Mrs.N.Nandhini,AP/IT	Information Technology	Iot Based Oil-Well Monitoring And Controlling System	National Conference on Smart computing and Advanced Communication	PSNA College of Engineering and Technology 15th March 2019
Mr.J.Gautam, AP;//IT	Information Technology	A Trusted Framework for MANET to Mitigate Wormhole attack	International Conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'19)	Kongunard College of Engineering and Technology, 23rd March 2019

SHORT TERM COURSES /SEMINARS/ CONFERENCES / WORKSHOPS ATTENDED

S.No.	Name of the faculty	Title of the event, FDP/Workshop/ Seminar	Date	Sponsored by (AICTE/ AU/ IEEE/ IEI/ ISTE etc.)/Self Support
1	Dr.G.Ramesh, Prof/IT	Effective Patent Search and Drafting-2019(PAT DRAFT-2019)	25.11.19 to 29.11.19	CIPR & ANNA UNIVERSITY
2	Dr.G.Ramesh, Prof/IT	Workshop on Deep Dive into	29.5.2019 to	CSIR

		Edge Computing Architecture and Future of Data Analytics	31.5.2019	
3	Mr. C. Pandian, AP/IT	FDTP on GE8151-Problem solving and python programming	10.6.19 to 15.6.19	Anna university
4	Mr. M. Satheesh Kumar, AP/IT	Certified course on Data science	01.05.19 to 12.06.19	Self Support National Institute of Electronics and Information Technology, Chennai.
5	Mrs. C. Manjula Devi, AP/IT	Declarative Development for Platform App Builders	25.03.2019 to 29.03.2019	ICT Academy
6	Mrs. N. Nandhini, AP/IT	Declarative Development for Platform App Builders	25.03.2019 to 29.03.2019	ICT Academy
7	Ms. S. Vijayasharmila, AP/IT	Declarative Development for Platform App Builders	25.03.2019 to 29.03.2019	ICT Academy

SHORT TERM COURSES /SEMINARS/ CONFERENCES / WORKSHOPS/ SYMPOSIUM ORGANIZED

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
27.09.19	IIPC Sponsored One day Event on IOT Spark	Er. T. Kabilesh, Free Lance Software Engineer	Third Year IT Students - 50	Dr.R.Alageswaran, HOD/IT
01.10.19	CLUSITER '19 - CSI State Level Students	Mr.Muthappan, Technical Lead , WIPRO , Chennai	40 (Internal) & 72 (External) Students	Dr,JS.Kanchana, ASP/IT Mr.S.Ilangovan,

	Technofest			ASP/IT
04.10.19	One day Seminar on Industry Trends on Technology & Essential Skills for Better Opportunities	Mr.Harish Pandurangan, Software Engineering, Comm Scope,Bangalore	Final Year IT Students - 40	Dr.R.Alageswaran, HOD/IT
02.12.19	SKYPE Talk on "Source Code Versioning"	Mr.T.M. PrasannaVijayan,Senior Software Engineer (FrontEnd), Freshworks Inc. Chennai	II,III & IV IT Students - 15	Mr.S.Ilankumarn, ASP/IT

INDUSTRIAL VISITS

Year / Sem	Date	Industry Visited
I/I	01.08.2019	HCL Technologies, Madurai

NPTEL ONLINE CERTIFICATION COURSES (STAFF)

Name of the Staff& Designation	Course Title	Course duration	Course conducted by	Award
Dr.R.Alageswaran, HOD/IT	Introduction to Operating systems	Jul-Sep 2019	IIT Madras	Successfully completed
Dr. G. Ramesh, Prof/IT	Programming in JAVA	Jul-Oct 2019	IIT Kharagpur	Elite
Mr.A.Selvaraj, AP(Sr.Gr)/IT	Introduction to Internet of Things	Jul-Oct 2019	IIT Kharagpur	Top 1% Elite + Gold
MRs.C.MAnjula Devi, AP/IT	Introduction to Operating systems	Jul-Sep 2019	IIT Madras	Elite
Mrs.S.Padma Priya, AP/IT	Introduction to Operating systems	Jul-Sep 2019	IIT Madras	Successfully completed

Students internship Details

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Duration

1	Remote Internship Programme	Honeywell Technology Solutions	Susmitha VJ	July 2018 to Jan 2019
2	Remote Internship Programme	Honeywell Technology Solutions	Sivananthan N,	July 2018 to Jan 2019
3	Remote Internship Programme	Honeywell Technology Solutions	Harish Kumar RS	July 2018 to Jan 2019
4	Remote Internship Programme	Honeywell Technology Solutions	Divyalakshmi RR,	July 2018 to Jan 2019
5	Remote Internship Programme	Honeywell Technology Solutions	Saranya M	July 2018 to Jan 2019
6	Remote Internship Programme	Honeywell Technology Solutions	Divya V	July 2018 to Jan 2019

RESOURCE PERSON DETAIL:

S.No	Name of the faculty	Title of event / topic	Date	Venue
1	Dr. R. Alageswaran, HOD/IT	Research Perspectives in Data Management Schemes in Engineering Applications	12.12.2018	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi - 03
2	Dr. R. Alageswaran, HOD/IT	CSIR sponsored "A Deep dive into Edge computing Architecture and Future of Data Analytics"	31.5.19	K.L.N College of Engineering
3	Dr. J.S.Kanchana, ASP/IT	Operating System Concepts	1.3.19	Mangayarkarasi College of Engineering

| 4 | Mr. M. Satheesh Kumar, AP/IT | Machine Intelligence and IoT | 06.07.2018 | Kalasalingam University, Krishnan Koil – 626126. |

Any other important matter

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