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3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)
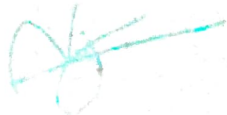
Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other
A Survey on Detection and Prevention Techniques	Alby Alphonsa Joseph, Chinju K,	CSE	IJSRD - International Journal for Scientific	2018	| ISSN (online): 2321-0613.		http://www.ijsrd.com/articles/IJSRDV6I21922.pdf	Google Scholar
IOT based Wireless Sensor Network for Retracing the	Swathi Sadasivan, Reshma K S ,	CSE	International Journal of Networks and	June - July 2019	ISSN 2319 – 5975.		http://www.warse.org/IJNS/static/pdf/file/ijns01842019.pdf	Google Scholar
Multi Objective Time Table Scheduling Using	Gegeo George, Vinodh P Vijayan	CSE	International Journal of Networks and	April - May 2019	ISSN 2319 – 5975		https://doi.org/10.30534/ijns/2019/23832019	Google Scholar
Improving Throughput of WSN through Blackhole	Sneha Sebastian, Dr.Vinodh P	CSE	International Journal of Wireless Communications and	April - May 2019	ISSN 2319 –6629		https://doi.org/10.30534/ijwcnt/2019/09832019	Google Scholar

Title	Authors	Dept	Journal	Date	ISSN		Link	Indexed
A Secure MSSS Scheme and AES Encryption	Sreelakshmi D Unni Neethu Maria	CSE	IJCATR	04.04.2018	ISSN:-2319–8656		https://www.ijcat.com/archieve/volume7/issue4/ijcatr07041003.p	Google Scholar
Automatic license plate detection and recognition	Anjali Krishnan Jinu P Sainudeen	CSE	IJARIIT	04.04.2018	ISSN: 2454-132X		https://www.ijariit.com/manuscripts/v4i5/V4I5-1325.pdf?ut	Google Scholar
A machine learning approach towards social media	Anjana J Mani Jinu P Sainudeen	CSE	IJARIIT	04.04.2018	ISSN: 2454-132X		https://www.ijariit.com/manuscripts/v4i5/V4I5-1325.pdf?ut	Google Scholar
AN INTELLIGENT GAS LEAKAGE DETECTOR	Gargi N R Ann Merlin Binu	CSE	IJNS	April-May2019	ISSN 2319 - 5975		http://www.warse.org/IJNS/static/pdf/file/ijns188320 19.pdf	Google Scholar
ELECTRICITY BILL PRICE FORECASTING WITH ARIMA	Anjali Krishnan Jinu P Sainudeen	CSE	International Journal of Advances in	March-April 2019	ISSN 2319 – 7595		https://doi.org/10.30534/ijiscs/2019/33 822019	Google Scholar
An Android Application for Construction Management	Jesnamol Mathew Sreenim	CSE	IJNS	#####	ISSN 2319 - 5975		http://www.warse.org/IJNS/static/pdf/file/ijns268320 19.pdf	Google Scholar
An Effective Method for Detection of Localization of Tampering	Gifty Saju Sreenimol K R	CSE	IJISCS	March-April 2019	ISSN 2319 – 7595		http://www.warse.org/IJISCS/static/pdf/file/ijiscs36 822019.pdf	Google Scholar
Image Resolution Enhancement System Using Deeep	Amal Abraham Bony Baby	CSE	IJISCS	March-April 2019	ISSN 2319 – 7595		http://www.warse.org/IJISCS/static/pdf/file/ijiscs22 822019.pdf	Google Scholar

Implementation of Neural Network in Assembler	Benjamin A Jacob Arjun Raj	CSE	IJNS	#####	ISSN 2319 - 5975		http://www.warse.org/IJNS/static/pdf/file/ijns12832019.pdf	Google Scholar
IoT Based Public Water Complaint Management System	Akshay Suresh Nashim K Britto	CSE	IJNS	#####	ISSN 2319 - 5975		http://www.warse.org/IJNS/static/pdf/file/ijns13832019.pdf	Google Scholar
IOT based farm automation and cloud integration	Ashik Paily Akshay V Anil Nimmy	CSE	IJNS	#####	ISSN 2319 - 5975		http://www.warse.org/IJNS/static/pdf/file/ijns22832019.pdf	Google Scholar
Cloud Computing With Big Data Clustering	Sreelakshmy D Unni Nimmy	CSE	IJISCS	Mar - Apr 2019	ISSN 2319 – 7595		http://www.warse.org/IJISCS/static/pdf/file/ijiscs28822019.pdf	Google Scholar
Attribute And Time Factors Combined CP-ABE and RSA	Parvathy Radhakrishnan, Nayana N Panicker	CSE	IJISCS	Mar - Apr 2019	ISSN 2319 – 7595		http://warse.org/IJISCS/static/pdf/file/ijiscs29822019.pdf	Google Scholar
Longitude and latitude based travel route recommenda	Athira Soman Divya S.B.	CSE	IJARIIT	#####	ISSN: 2454-132X		https://www.ijariit.com/manuscripts/v5i3/V5I3-1349.pdf	Google Scholar
An Empirical Comparative Study on Methodologies of	Aksa Mariam George, Joel Abraha	CSE	International Journal of Wireless Communications and	2019	ISSN 2319 - 6629		http://www.warse.org/IJWCNT/static/pdf/file/ijwcnt11832019.pd	Google Scholar
An Intelligent System to predict Students academic	Liya Treesa Kunjumon ,Sharon	CSE	International Journal of Information Systems	2019	ISSN 2319 – 7595		http://www.warse.org/IJISCS/static/pdf/file/ijiscs30822019.pdf	Google Scholar

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Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC		Is it listed in UGC Care list/Scopus/Web of Science/other, mention
						Link to website of the Journal	Link to article/paper/abstract of the article	
Secure confidentiality of big data streams using selective encryption method and regression algorithm	Soniya Joy , Neena Joseph	CSE	International Journal of Information Systems and Computer Sciences (IJISCS)	2019	ISSN 2319 5975		http://www.warse.org/IJISCS/static/pdf/file/ijiscs32822019.pdf	Google Scholar
Sentiment ANalysis in Product Review using natural language Processing and Machine Learning	Kuncherichen K Thomas, Sarath Chandran ,Ebin Kuriakose, Neema george	CSE	IJISCS	MARCH-APRIL 2019	ISSN 2319 – 7595		http://www.warse.org/IJISCS/static/pdf/file/ijiscs35822019.pdf	Google Scholar
Surface Tracker a prototypic model based on IOT and cloud for MARS expedition	Jithu Biju, Haritha Sajikumar ,Sujitha M	CSE	international Journal of network and system	April-May 2019	ISSN 2319 5975		http://www.warse.org/IJNS/static/pdf/file/ijns14832019.pdf	Google Scholar
Health care an important aspect of human life using IOT	Aneetta Mary Benny,Sahron Abraham, Sujitha M	CSE	international Journal of network and system	April-May 2019	ISSN 2319 5975		http://www.warse.org/IJNS/static/pdf/file/ijns14832019.pdf	Google Scholar
Advanced Content Generation for E learning using Web mining	Midhun Mahessan ,Muhammed Sabith,Sujitha M	CSE	international Journal of network and system	April-May 2019	ISSN 2319 5975		http://www.warse.org/IJNS/static/pdf/file/ijns15832019.pdf	Google Scholar

Shared ownership in the cloud for business collaboration"	Parvathy Radhakris hnan1 , Ranjima P.S , Renju Renjith , Shifamol P.H, Sruthy Emmanue l	CSE	Internatio nal Journal of Informati on Systems and Computer Sciences	April 2019.	ISSN 2319 – 7595		http://ww w.warse.o rg/!JISCS/s tatic/pdf/f ile/ijiscs27 822019.p df	Google Scholar
Mental Disorders Detection by means of Online Social Media Mining	Anjana J Mani, Sruthy Emmanue l	CSE	Internatio nal Journal of Wireless Communi cations and Networkin g Technolog ies	April 2019	ISSN 2319 6629		http://ww w.warse.o rg/IJWCNT /static/pdf /file/ijwcn t1383201 9.pdf	Google Scholar
Privacy Preserving MA-CPABE -NMAC scheme in cloud for the design and implementation pf CAPTCHA	Varun Cand,J Karthikey an,Simy Mary Kuriam	CSE	Internatio nal Journal of Engineeri ng Sciences & Research Technolog y (IJESR)	April 2019	ISSN: 2277-9655,		DOI: 10.5281/z enodo.26 29228	Google Scholar
A Review Localization and Detection of Nodes in VANET	Varun Cand,J Karthikey an,Simy Mary Kuriam	CSE	Internatio nal Journal of Recent Technolog y and Engineeri ng (IJRTE)	May 2019	SSN: 2277-3878 (Online)		https://w ww.ijrte.o rg/wp-content/u ploads/pa pers/v8i1/ A3214058 119.pdf	Scopus

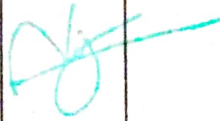| Title	Authors	Dept	Journal	Date	ISSN		DOI/Link	Indexed
A Novel Approach using LoRaWRP for Emergency Vehicle Traffic Management	Varun Cand,J Karthikey an,Simy Mary Kuriam	CSE	International Journal of Advanced Trends in CSE (IJATCSE)	May -June 2019	ISSN 2278-3091		doi.org/10.30534/ijatcse/2019/0383201 9	Scopus
Attribute based privacy protection on cloud computing with auditing scheme	Aswathy TD,Amrut ha C P,Mariam ma Thomas, Aparna Dinesh,Si my Mary Kurian	CSE	International Journal of Information Systems and Computer Sciences	April-May 2019	ISSN 2319 – 7595		https://doi.org/10.30534/ijiscs/2019/268 22019	Google Scholar
"Determination of Soil pH using Digital Image Processing",	Maneesha G Nair, Neethu Prathapan, Sethulaks hmi R, and Syamamol T	CSE	International Journal of Information Systems and Computer Sciences(IJ ISCS)	March-April 2019	ISSN 2319 – 7595		http://www.warse.org/IJISCS/static/pdf/file/ijiscs20 822019.pdf	Google Scholar
ARTIFICIAL INTELLIGENCE EMBEDDED MIRROR	Rohith C M, Tijo Sebastian, Unnikrish nan S, Vishnu Vinod, Gayathri R Krishna	CSE	International Journal of Networks & Systems	April-May 2019	ISSN 2319 5975		http://www.warse.org/IJNS/static/pdf/file/ijns118 32019.pdf	Google Scholar
A Smart Medikit Using IOT Technology	Alen John Thimas, Abhishek Radhakris hnan, Arun George, Gayathri R Krishna	CSE	International Journal of Networks & Systems	April-May 2019	ISSN 2319-5975		http://www.warse.org/IJNS/static/pdf/file/ijns198 32019.pdf	Google Scholar

CHURN Prediction in TELECOM Sector	Mr.ROSHIN REJI ANDREWS ,Mr.ROHIT ZACHARIAS,Mr.SEBIN ANTONY, Ms.MERLIN MARY JAMES	CSE	International Journal of Information Systems and Computer Sciences	March-April 2019	ISSN 2319-5975		http://www.warse.org/IJISCS/static/pdf/file/ijiscs31822019.pdf	Google Scholar
Gray hole attack minimization for ad-hoc networks using contradiction	Athira Harikrishnan ,Jasmine Joseph ,Fathima Manzoor	CSE	International Journal of Information Systems and Computer Sciences	March - April 2019	ISSN 2319 – 7595		http://www.warse.org/IJISCS/static/pdf/file/ijiscs19822019.pdf	Google Scholar
Low Power and Area Efficient Full Adder using GDI and 2T	Aswathi Gopan	ECE	International Journal of Recent Technology and Engineering	2019	2278-3075	https://www.ijitee.org/wp-content/uploads/papers/v8i6s4/F13130486S419.pdf	https://www.ijitee.org/wp-content/uploads/papers/v8i6s4/F13130486S419.pdf	UGC
Investigation of Impact of Gate Underlap/Overlap on the Analog/RF Performance of Composite Channel Double Gate MOSFETs	Dr.Subash T D	ECE	Journal of Vaccum Science & Technology B, vol.37, no.6, pp. 062201-1-062201-7, ISSN:2166-2746, Impact Factor: 1.56 (SCI Indexed)	2019		https://doi.org/10.1116/1.5116199	https://doi.org/10.1116/1.5116199	UGC

Title	Author	Dept	Journal	Year	ISSN/DOI	Link	Link	Category
A Novel Fly Back Converter	Eugene Peter	EEE	International Journal of Automatic Control System	2018-19	10.37628/ IJACS	http://journalspub.com/JournalsDetails.aspx?jid=93	ecc.journalspub.info/index.php?journal=JACS&page=article&op=view&path%5B%5D=885	UGC
A Novel Buck-Boost Converter with an Enhanced Negative Output Voltage	Mr.Phejil K Paul	EEE	International Journal of Electrical Power System and Technology	2018-20			http://ecc.journalspub.info/index.php?journal=JEPST&page=article&op=view&path%5B%5D=808	UGC
A Novel Fly Back Converter	Eugene Peter	EEE	International Journal of Automatic Control System	2018-19	10.37628/ IJACS	http://journalspub.com/JournalsDetails.aspx?jid=93	ecc.journalspub.info/index.php?journal=JACS&page=article&op=view&path%5B%5D=885	UGC
Combined Objective Optimization for Vehicle Routing Using Genetic Algorithm	Dr. Nidhish Mathew Nidhiri	ME	Materials Today Proceedings-Elsevier	2019	2214-7853	https://www.sciencedirect.com/	https://www.sciencedirect.com/science/article/pii/S2214785318329316	UGC
Supply chain issues in SME food sector: a systematic review	Mr.Arun Jose	ME	Journal of Advances in Management Research	2019	0972-7981	https://www.emeraldgrouppublishing.com/journal/	https://www.emerald.com/insight/content/doi/10.1108/JAMR-02-2019-0010/full/html	UGC

False Node Identification in VANETs for inmproved security	Neethu Maria John	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
False Node Identification in VANETs for inmproved security	Simy Mary Kurian	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
False Node Identification in VANETs for inmproved security	,Vinodh P Vijayan	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
False Node Identification in VANETs for inmproved security	Neema George	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Efficient strength prediction of RMC plant waste incorporated concrete using ANN	Salini Theres N Kuriam,	CE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Efficient strength prediction of RMC plant waste incorporated concrete using ANN	Sipli Abraham,	CE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Efficient strength prediction of RMC plant waste incorporated concrete using ANN	,Nissy Sussan Mani,	CE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Efficient strength prediction of RMC plant waste incorporated concrete using ANN	Sreerenj Ragav	CE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC

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Efficient strength prediction of RMC plant waste incorporated concrete using ANN	Aswathi Sman	CE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
IoT based GAS LEAKAGE DETECTOR	Jinu P Sainudeen	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
IoT based GAS LEAKAGE DETECTOR	Suitha M	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
IoT based GAS LEAKAGE DETECTOR	Nimmymol Manue	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
IoT based GAS LEAKAGE DETECTOR	Neena Joseph	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Smart Healtth care	Sujitha M	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Smart Healtth care	Neena Joseph	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Smart Healtth care	Nimmymol Manuel,	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC

Smart Healtth care	Jinu P Sainudeen ,	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Smart Wheelchair with Gesture and Voice Control	Neema George	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Smart Wheelchair with Gesture and Voice Control	Sujitha M	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Smart Wheelchair with Gesture and Voice Control	Simy Mary Kurian	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
Smart Wheelchair with Gesture and Voice Control	Nimmymol Manuel	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
wireless based braille reader	Susan V Nainan	EEE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
wireless based braille reader	Jenish Scaria,	EEE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
wireless based braille reader	Preethi Sebastian	EEE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC

Title	Author	Dept	Journal	Date			Link	Indexing
IOT Based Smart Aquaponics System	Vinodh P Vijayan,,	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
IOT Based Smart Aquaponics System	,Simy Mary Kurian	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
IOT Based Smart Aquaponics System	Neema George	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
IOT Based Smart Aquaponics System	Neena Joseph	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
ICT based for Retracing the parked Vehicle	Neethu Maria John ,	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=64	UGC
ICT based for Retracing the parked Vehicle	Neema George	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=65	UGC
ICT based for Retracing the parked Vehicle	Vinodh P Vijayan,	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=66	UGC
ICT based for Retracing the parked Vehicle	Simy Mary Kurian	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC

Security model of sharing data for privacy protection and performance-based outsource data sharing on cloud	Merlin Mary James	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=68	UGC
Security model of sharing data for privacy protection and performance-based outsource data sharing on cloud	Neena Joseph	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=69	UGC
Security model of sharing data for privacy protection and performance-based outsource data sharing on cloud	Simy Mary Kurian	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=70	UGC
Security model of sharing data for privacy protection and performance-based outsource data sharing on cloud	,Sujitha M,	CSE	IJCSE	Oct-18			https://www.ijcseonline.org/archive_issue.php?pub_id=71	UGC
Efficient WSN through Blackhole Identification and Elimination	Merlin Mary james	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=65	UGC
Efficient WSN through Blackhole Identification and Elimination	Neethu Maria John	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=66	UGC
Efficient WSN through Blackhole Identification and Elimination	Neena Joseph	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC
Efficient WSN through Blackhole Identification and Elimination	Vinodh P Vijayan	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=68	UGC

Improved Localization and Detection of Nodes in VANET	Simy Mary Kurian	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=69	UGC
Improved Localization and Detection of Nodes in VANET	Neena Joseph	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=70	UGC
Improved Localization and Detection of Nodes in VANET	Sujitha M	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=71	UGC
Improved Localization and Detection of Nodes in VANET	Jinu P Sainudeen	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=72	UGC
Agent Based AccessPoint Selection Mechanism	Vinodh P Vijayan	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=73	UGC
Agent Based AccessPoint Selection Mechanism	Sujitha M	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=74	UGC
Agent Based AccessPoint Selection Mechanism	Simy Mary Kurian	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=75	UGC
Agent Based AccessPoint Selection Mechanism	Neema George	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=76	UGC

Title	Author	Dept	Journal	Date			Link	Agency
Improved Convolution Neural Network for Image Vision Applications	Jinu P Sainudeen	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=77	UGC
Improved Convolution Neural Network for Image Vision Applications	Merlin Mary James	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=78	UGC
Improved Convolution Neural Network for Image Vision Applications	Neethu Maria John	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=79	UGC
Improved Convolution Neural Network for Image Vision Applications	Neena Joseph	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=80	UGC
Evolutuonary approach in Assembler	Nimmymol Manuel	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=81	UGC
Evolutuonary approach in Assembler	Sujitha M	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=82	UGC
Evolutuonary approach in Assembler	Jinu P Sainudeen	CSE	IJCSE	Nov-18			https://www.ijcseonline.org/archive_issue.php?pub_id=83	UGC
Evolutuonary approach in Assembler	Neena Joseph	CSE	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC

Title	Author	Dept	Journal	Date			Link	Type
Automation and cloud integration	Sujitha	CSE	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC
A machine learning approach towards social media to improving the performance.	Jinu P Sainudeen	CSE	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC
A machine learning approach towards social media to improving the performance.	Neethu Maria John	CSE	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC
A machine learning approach towards social media to improving the performance.	Simy Mary Kurian	CSE	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC
A machine learning approach towards social media to improving the performance.	Sujitha M,	CSE	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC
Improved Ceria Zirconia Coated Diesel Particulate Filter	Leneesh N Gopal	ME	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC
Improved Ceria Zirconia Coated Diesel Particulate Filter	Jishnu M	ME	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC
Improved Ceria Zirconia Coated Diesel Particulate Filter	Arun Jose	ME	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC

Policy Prediction and Image Search on Content Sharing Sites	Neema George	CSE	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC
Policy Prediction and Image Search on Content Sharing Sites	Simy Mary Kurian	CSE	IJCSE	Jan-19			https://www.ijcseonline.org/archive_issue.php?pub_id=67	UGC
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Waste Glass Powder as Partial Replacement of Cement-Analysis	Sreerenj Ragav	CE	IJCSE	Feb-19			https://www.ijcseonline.org/archive_issue.php?pub_id=68	UGC
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Improved supplimentary cementitious materials in hybrid fibre reinforced concrete	Salini Theres N Kurian	CE	IJCSE	Feb-19			https://www.ijcseonline.org/archive_issue.php?pub_id=68	UGC
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Intelligent Path Planning Approach to Flight	Neethu Maria John	CSE	IJCSE	Feb-19			https://www.ijcseonline.org/archive_issue.php?pub_id=68	UGC
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A Novel Flyback Converter with High Efficiency

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ABSTRACT

This study proposes a flyback converter with high efficiency compared to the conventional flyback converter. The primary stage is similar to that of an asymmetric hybrid converter. Secondary side consists of an active clamp circuit. The LC components in primary and secondary side resonate, aiding in Zero Voltage Switching (ZVS) and Zero Current Switching (ZCS) of switches and diodes. Simulation works are done in MATLAB/SIMULINK.

Keywords: Dc-Dc power converters, resonance, ZVS, ZCS

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INTRODUCTION

In Dc-Dc converters with isolation a transformer is provided in between to isolate the input and output stages. The electrical isolation is an additional feature and is mainly useful in cases where the input voltage level (V_{in}) and output voltage level (V_{out}) differs significantly i.e. high or low values of V_{out}/V_{in}. The DC to DC converters with isolation is again divided into two types based on polarity of transformer core excitation unidirectional core excitation, core is excited with forward currents of only one direction. In these DC to DC converters the isolation transformer core is operated in only the positive part of B-H curve.

Bidirectional core excitation, core is excited with currents in either direction. In these DC to DC converters the isolation transformer core is operated alternatively in positive and negative portions of B-H curve. Some of the commonly used DC to DC converters with isolation are Cuk converter (can be used in non-isolated mode also), flyback converter, forward converter, full bridge converter, half bridge converter, push-pull converter etc. Flyback converters are simple compared to other topologies used in low power

application. High voltage and current stress across the switches is one of the drawbacks of these converters. In order to overcome the drawbacks many topologies with several soft switching techniques are developed [1–8].

There are primary side and secondary side regenerating flyback converters. The main drawbacks of these converters are switching losses and reverse recovery voltages across the diodes.

Many topologies that use active clamp circuits in their secondary side are developed. The most common topologies are Asymmetric Half-Bridge (AHB) with voltage double circuit in secondary and dual resonant converter with voltage doublers circuit in the secondary. ZCS of power switches can be achieved by using active clamp circuit. It also aids in ZCS of diodes. A resonant inductor is usually added to active clamp circuit to achieve soft switching.

The asymmetrical half bridge converter has primary stage that resembles a flyback converter and secondary stage similar to that of a half bridge converter. They use an

Combined Objective Optimization for Vehicle Routing Using Genetic Algorithm

Anser C Sahadevan, Pazhuthuli Mathews Nidhiny

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Abstract

Vehicle Routing Problem (VRP) is an imperative segment in logistics handling. It helps the transportation and distribution companies in routing by aiding to establish a proper balance between the number of vehicles and total distance. In this work capacitated vehicle routing problem (CVRP) is considered. CVRP is a combination of vehicle packing problem in which a fleet of vehicles with limits on capacity are available to service a set of customers from a central depot with their individual demands known in advance. Genetic Algorithm technique is adopted to solve the problem. Performance of GAs largely depends on the type of genetic operators used. In this work two different crossovers are selected and an attempt is made to bring out the impact of these selected crossovers on the quality of solutions generated. Since the focus is on two objectives of VRP i.e. the number of vehicles and the distance, the fitness assignment procedure with GA known as Fitness Aggregated Genetic Algorithm (FAGA) is employed. The model is validated using information obtained from a distribution firm. The result suggests that the proposed algorithm is highly competitive and extremely efficient for combined objective optimization of vehicle routing.

Keywords

Vehicle routing problem; Genetic algorithm; Combined objective optimization; Best Cost Route Cross Over (BCRC); Swap Mutation; Aggregate Fitness Value

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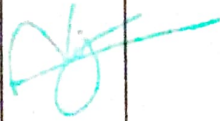| Title	Authors	Dept	Journal	Date	ISSN		DOI/Link	Index
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Low Power and Area Efficient Full Adder using GDI and 2T XNOR

Radhika P, Aswathi Gopan

Abstract— *This paper portrays plan of low electricity and vicinity gifted based complete viper utilising GDI approach. Full snake utilizes 2T XNOR entryway utilizing skip transistor cause. In full viper, low power utilization and least unfold deferral are done via skip transistor rationale and door dissemination enter technique. GDI applied for 'low' energy computerized combinational circuits gives lower in power, deferral and sector of the circuits by means of preserve up the low multifaceted nature of the motive layout.GDI based AND or potentially is utilized. Skip transistor approach lower the amount of transistors. The proposed snake reduced parameters, as an example, manipulate usage, postponement or power-defer object. Undertaking results display that, within the proposed snake eleven.Seventy eight% decreased in power usage and 16.05% in spread defer while contrasted and present viper. The proposed snake is orchestrated utilising CADENCE 5.1.0 EDA device and reenacted using ghost virtuoso.*

Keywords— *Full adder; Gate Diffusion Input(GDI)Technique; Pass Transistor Logic(PTL); 2T XNOR; CADENCE tool*

I. INTRODUCTION

The essential element of various automated circuits is snake and it likewise assumes the significant activity in diverse multiplier to determine the entire of fractional objects. Growth of paired numbers assumes massive activity in variety-crunching unit. Decrease in entire electricity usage through making plans elite adders. The proposed framework is displayed with advanced in parameters like energy, postponement and transistor tally [1].

The GDI machine offer utilization of complex capacities using just less range of transistors. This method is beneficial for structure of speedy, using less number of transistors (while contrasted with CMOS)while improving reason degree swing and static strength and permitting honest top-down plan by using using much less number transistor mobile library.

Vicinity II subtleties the door dispersion enter. Section III clarifies the modern-day framework. The engineering of the proposed framework is clarified in the segment IV. Phase V offers the examination of the proposed and present full snake. Segment VI depicts the quit.

II. GATE DIFFUSION INPUT TECHNIQUE

The GDI [7] cell is designed by one PMOS and NMOS transistor. GDI structure is like a CMOS inverter. The difference between GDI and CMOS inverter, GDI contains two extra inputs is given in the Fig 1.
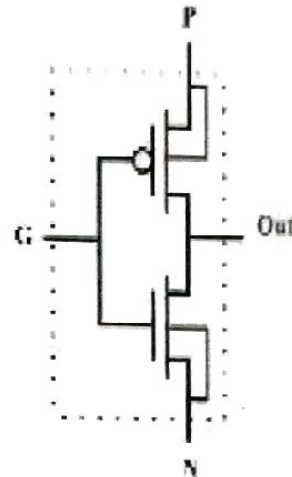
Fig. 1. Basic GDI cell [1]

The one of the two extra inputs is P and N. According to the input of two extra input, it determines which function that cell act. The source terminals of PMOS and NMOS are connected to supply voltage (vdd) and ground [1].

III. EXISTING SYSTEM

In existing system the full adder is modeled using GDI-MUX and pass transistor is given in Fig.2.
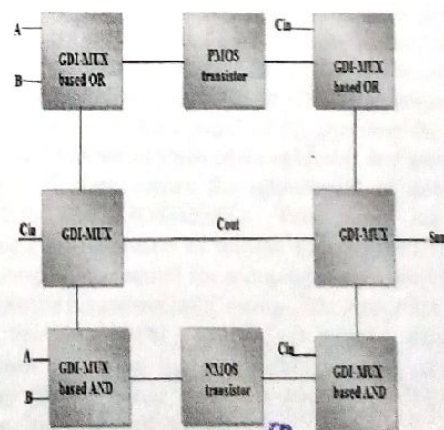
Fig.2. Block diagram of existing system[1]

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Investigation of impact of gate underlap/overlap on the analog/RF performance of composite channel double gate MOSFETs

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The influence of gate overlap and underlap on the DC/RF behavior of a composite channel based double gate MOSFET (DG MOSFET) that can be used for RF/analog applications is investigated using the 2D Sentaurus TCAD tool in this work. An InAs-inserted $In_{07}Ga_{0.3}As$ composite channel, double silicon delta doping technology, n^+-$In_{0.53}Ga_{0.47}As$ source and drain regions, and Si_3N_4 passivation are some of the key features of the proposed device. 2D-Sentaurus Technology Computer Aided Design (TCAD) simulation has been performed using the hydrodynamic model. Interface trap models have also been incorporated to increase the accuracy of TCAD simulations carried out at room temperature. Key RF/analog figures of merit such as drain current (I_D), transconductance (g_m), gate leakage current (I_{GS}), subthreshold current, drain induced barrier lowering, electron velocity in the quantum well, cutoff frequency (f_T), and maximum oscillation frequency (f_{max}) have been explored to analyze the RF/analog performance of the proposed device. TCAD simulations reveal the fact that reducing the gate length and employing a gate underlap strategy can improve the analog and RF performance of the proposed DG MOSFET. *Published by the AVS.* https://doi.org/10.1116/1.5116199

I. INTRODUCTION

It is quite a strenuous task to design next generation analog/RF circuits and systems using the existing silicon CMOS technology.[1–7] The major reason for this is that the scaling limit of the existing silicon CMOS transistors reaches its utmost point. The next ten years can witness an increasing demand for solid state transistors having gate lengths between 22 and 7 nm for RF and analog applications in the semiconductor industry. The III-V channel material based heterojunction transistors will find a growing market among next generation RF and analog applications because of their high electron mobility, higher drive current, higher transconductance, higher electron drift velocity, low power dissipation, low voltage operation, high operating speed, and so on.[8–15] Gate engineering and channel engineering can play vital roles in overcoming difficulties such as power dissipation and short channel effects emerging while realizing transistors having less than 22 nm in the years to come.[16–20] The most significant technologies in gate engineering are double gate technology, π-gate technology, Ω-gate technology, surrounding gate technology, and dual metal gate technology,[21–32] while composite channel material engineering and doping strategies are considered to be important in channel engineering.[33–39] The subthreshold region is to be noted with utmost care while realizing transistors for analog circuit applications. The main reason for this is that ultralow power and high gain performance become possible for CMOS circuits only when they are operated in the subthreshold region.[40–45] Good scalability and ultralow power consumption are the key factors for the increased popularity of CMOS technology in the RF market compared to the other transistors. Good scalability aids CMOS transistors to reduce their size to a maximum extent, thereby improving the RF figure of merit and increasing their demand for system on chip (SoC) applications. SoC applications are gaining wide popularity in the RF market, as they make it possible to combine both analog and digital circuits in the same integrated circuit, thus increasing the performance cost effectively. Continuous scaling down of CMOS transistors brings about a reduction in the control of the gate over the channel, causing an increase in short channel effects and gate leakage current.[46–54] Here comes the importance of double gate MOSFETs and MOSHEMTs. This paper reports the RF/analog performance of double gate MOSFETs, which use a composite channel for reducing short channel effects by controlling subthreshold swing (SS) and drain induced barrier lowering (DIBL) to the best possible extent. This work uses Al_2O_3 as the gate oxide because of its large bandgap (9 eV), better dielectric strength (5–30 MV/cm), and very high thermal stability.

II. DESCRIPTION OF THE DEVICE STRUCTURE

Schematic diagrams of gate underlapped double gate MOSFETs and gate overlapped double gate MOSFETs are

a)Electronic mail: dnirmalphd@gmail.com
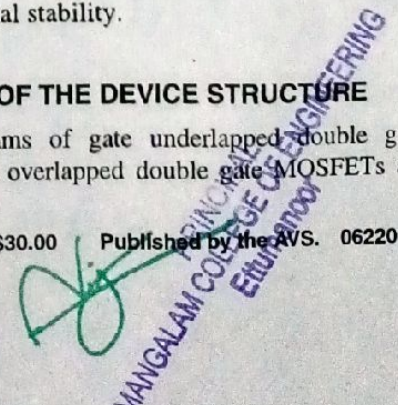
False Node Identification in VANETs for immproved security

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Abstract— The best test of vehicular adhoc network is to distinguish the false node in the network. These false node can cause numerous perilous circumstances to the vehicles. The answer for this is the F measure based VANET.F measure bunch the se of hubs into groups and appoint a load to every hub in light of the contention in the network.The most noteworthy clash causing node set will get most elevated weight value and those node set will considered as false in the network. This permits the organization to identify bogus hubs all the more precisely with greatest accuracy and least review. Framework utilizes a half encryption strategy to lessen the time intricacies in the network. This assists with moving alongthe exactness and proficiency of the network.

Keywords— F measure, half encryption

I. INTRODUCTION

Vehicular adhoc network (VANET) is a sort of wireless network and it requires least framework for setting up a network. VANETs in light of F measure method assists with identifying the misleading hubs all the more precisely from the network. Framework remembers the estimation of accuracy and review for request to diminish the blunders in the framework. It additionally utilizes half encryption to decrease the time intricacies.

Framework involves two sorts of directives for sending the position and keys between the nodes in the network. With the data acquired by those messages, every node attempts to recognize regardless of whether its neighbors are false or not. Right off the bat it involves an immediate strategy for distinguishing the false nodes in view of the correspondence scope of every node in the network.

Then, at that point, it utilizes a n circuitous strategy, which contrasts two of the neighbors and itself. In the event that any contention happens, it denotes that node as false. Framework likewise utilizes a jumble count based strategy. In this, mismatch count of every node is determined and the node having most mismatch count consider is set as false node.

In F measure based strategy, framework bunches the nodes into various groups and each bunch is investigated over and again. Whenever it distinguishes a conflict node, then relegate a load to it. The weight of every node is augmented when the contention emerges because of that node increments. Accordingly the framework structures various bunches with high weighted node set. Along these lines the node set with most elevated weight is considered as the false nodes

II. RELATED WORK

Getting cautioning message spread in VANET utilizing CNPV algorithm assists with recognizing the hub that gives wrong data framework [1]. CNPV algorithm works in two rounds. During these rounds, every hub communicates their public and private keys, hubs positions, hub id and so forth. By utilizing this data framework can recognize the hub that passes mistaken information. The primary point of CNPV is to find the place of the neighbor hub and to check them as true or false.

ICT based for Retracing the parked Vehicle

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Abstract— It is normal to be in the following 100 years, world's most extreme populace will be living in urban areas. Henceforth the utilization of vehicle and its connected administrations will be vital. As the quantity of vehicles increases, parking of the vehicle in urban communities will be testing issue, particularly concerning contamination and keeping up with the eco arrangement of the area. Many individuals are not intrigued to utilize conventional or robotized stopping region as a result of the trouble they face during the utilization. Indeed, even individuals find it hard to follow the return way to their own vehicle. The bigger number of shrewd vehicle leaving frameworks is executed in different nations which typically take care of the issue of parking spot and powerful use of utilities. Yet, in a profoundly populated region security of individuals in a leaving opening and following of the vehicle will be extremely difficult because of its tendency of heterogeneous individuals and assortment of vehicles. An IOT empowered Sensor network based Advanced parking spot with camera and sound sensors will actually want to gather enormous measure of information which can be used to create intriguing example utilizing appropriate AI algorithms.

Keywords— Automated Parking, Machine Learning, IoT.

I. INTRODUCTION

With the high level of vehicle populace in India, parking has turned into a conflicting and confusing circumstance for individuals. Tracking down a space to park in the city is becoming troublesome as the quantity of vehicles are expanding. The urban communities in India are exceptionally blocked and on top of that the left vehicles guarantee a ton of room that could somehow or another be utilized in a superior manner. This makes part of befuddlement in finding the parked vehicle.

One of the difficulties of an advanced metropolitan climate is to be agile and friendly towards the needs of people with disabilities. One help towards this direction is the arrangement of convenient parking access to different areas so that individuals with even handicaps can complete their exercises effortlessly. If the parking area is located within the safe area or unsafe area etc, then parking could be allotted based on the safety of the customers including children, aged people and physically challenged people etc.
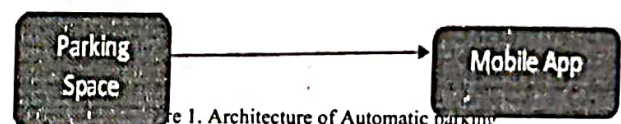

Figure 1. Architecture of Automatic parking

The framework as displayed in figure 1 is a computerized stopping region wh[...]ed with an android telephone through v[...] can track down the quantity of free open[...]s are being overseen by the administrator[...]enroll through his/her telephone using any and all means of information like voice, signal or physically making it simple for the uncommonly abled.

II. RELATED WORK

The independent vehicle leaving framework with utilization of camera[2,9] and recognition of vehicles utilizing pictures yield a practical arrangements however it increment the

1

Improved Localization and Detection of Nodes in VANET

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Abstract— In present day world, the quantities of vehicles are expanding eccentrically and therefore mishaps, criminal traffic offenses; vehicle robbery and so forth additionally expanded a ton. Following definite area of every vehicle (hub) might be helpful in taking care of numerous such issues. From metropolitan to provincial the thickness of traffic, width of the street, network inclusion and so forth might change; this makes confinement of vehicle a difficult errand. The development of transport framework doesn't give a genial answer for these issues and here and there it even makes such issues more serious. This paper centers around the review of area discovery for every vehicle as well concerning the walkers alongside different directing procedures in a VANET.

Keywords— VANET, localization, intelligent transportation system

I. INTRODUCTION

The primary reason for VANET is to lay out and give correspondence network office among a bunch of vehicles without utilizing any focal station. The VANET contains no proper foundation for giving correspondence office; rather every vehicle itself is a piece of correspondence network alongside its own correspondence necessities. In VANET, every vehicle speaks with different vehicles and with the road side unit (RSU) i.e., V2V correspondence and V2I correspondence [1]. Because of the powerful idea of vehicle, it has become undeniably challenging to speak with these portable vehicles and thus it influences the confinement of vehicle [2].

To assembled a shrewd and effective transportation framework a few variables should be viewed as like grouping, regulator framework, area and location, social detecting, steering, re-appropriated capacity and asset protection [3]. Every one of these classifications has their own provokes that should be engaged while executing a savvy framework. With the development of web of things, vehicles are becoming more intelligent by integrating different sensors interfacing with the on-board unit (OBU)

[4]. This paper centers around the writing of restriction for vehicle as well with respect to people on foot

II. RELATED WORK

Limitation and Detection in intelligent transportation systems (ITS) functions admirably founded on the signals they received (SSR). With the assistance of SSR, they can recognize and follow the area of every vehicle.aim of Assistive Technology (AT) was to protect the functional freedom of limited people [5]. Assistive Intelligent Transportation System (AITS) utilized for following areas of walkers with incapacities and assist then with going across streets in view of utilizations.

Moreover, this original sort of AT is exhibited through another strategy for person on foot help convergence application which is capable for confining walkers through insufficiencies, perceiving the specific kind of harm. It likewise gives an extraordinary solution to update viable capacities for diminished walkers however crossing.It was not conceivable for additional antennas situated from other, therefore recover the suggestion among tagged walkers.

IOT Based Smart Aquaponics System

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Abstract— Aquaponics is an emerging region in food manufacturing technique which combines traditional hydroponics with aquaculture in a symbiotic surroundings that enables a sustainable machine with essential input as all of the water and nutrients inside are re-circulated in order to develop terrestrial plant life and aquatic lifestyles. When aquaponics gadget meets with technology it appears to produce some first rate outputs which makes it green and productive generation. In Iot Based Smart Aquaponics System with Fuzzy Logic, we take specific readings regarding the pH stage, temperature, moisture content and the extent of the water by using using distinctive sensors. Readings from every of these sensors are stored in the server for destiny use. Also these values are utilized by the bushy controller which controls the overall working of the system in drastic condition. Iot removes the gap between the physical world and digital international. In order to introduce technologies to the conventional aquaponics machine, we use of Arduino, Fuzzy controller and Internet of Things.

Keywords— Aquaponics,Arduino,IOT,fuzzylogic,MachineLearning,SVM,Matlab

I.

I. INTRODUCTION

Aquaponics is a brand new cultivation generation and so lots of us are not more aware about that. It is an rising generation which mixes each aquaculture (rearing of fish) and hydroponics (the method of cultivation of vegetation without soil) together right into a single machine. How it is viable? This is a system which includes a fish tank as a part of aquaculture and a developing bed for cultivation of vegetation. Excreta of the fish are used as fertilizer for the boom of flora. For that, water from the fish tank is exceeded to the growing bed. In the growing mattress, microorganisms gift inside the roots of vegetation breaks the toxic contents present inside the waste water, purifies it and get pumped returned to the fish tank. This is a cyclic procedure. The trouble is that, as it is a cyclic system we have no concept about the pleasant of water. It does no longer give any assure that the water which gets pumped back into the fish tank is free from poisonous contents. If there exist any presence of

dangerous substances within the water then it consequences for the demise of aquatic animals within the tank. In the paper "IoT primarily based Aquaponics Monitoring System" via Abhay Dutta,[1] they used one-of-a-kind functions to display pH price, temperature and humidity stage, water level using the unique sensors has been accomplished and then after perceiving those values from the sensors, the values were displayed thru a 16*2 Liquid Crystal Display in addition to on the net with the aid of the software of Internet of Things. To connect the sensors with the net, the database server and application server can be controlled with a view to display the data regarding the sensors. In order to introduce generation to the traditional aquaponics gadget, they use Raspberry Pi microcomputer and Internet of Things within the machine has been achieved.

In "IoT Fuzzy Logic Aquaponics Monitoring and Control Hardware Real-Time System" by way of Adnan Shaout and Spencer
G. Scott [2], they delivered fuzzy common sense for the

Agent Based Access Point Selection Mechanism

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Abstract— The last few years have visible a brilliant boom in the deployment of 802.Eleven Wireless Local Area Networks (WLANs). The proliferation of wi-fi users and the promise of converged voice, information and video technology is predicted to open new numerous possibilities for 802.Eleven based totally WLANs in the networking market.When the WLAN design turned into first advanced in 1990, the model assumes that a WLAN deployment accommodates one stand on my own Access Point (AP).In truth, any such device gives exceptional consumer experience as lengthy as there may be few customers with exceptionally light site visitors load and one AP. Due to fast boom of wireless users and the requirement for continuous insurance, multi-AP WLANs now a days span homes or floors. Some neighboring APs have to be configured on the same channel due to the constrained quantity of channels the 802.11 fashionable supports.In WLANs frequently a station can doubtlessly companion with multiple AP. Therefore, a relevant query is which AP to pick out great from a list of candidate ones. In IEEE 802.Eleven, the consumer certainly buddies to the get entry to factor with the most powerful acquired sign strength.Hence a multiobjective technique(ie.More than one parameters are taken into consideration)and fuzzy primarily based selection making is proposed.Here every node are handled as agent which looking to access first-class AP.Fuzzy based totally decision making ensures effective usage of professional information.

I.

1. INTRODUCTION

Wireless Local Area Networks (WLAN)[8]are rapidly becom- ing a normal part of the communications access infrastruc- ture.Due to their low cost,simplicity of installation and high data rates, demand for wireless LAN products has grown dramatically over the last few years,and it shows no sign of slowing.Indeed,it is strengthened by the growth of laptops and personal mobility products.With the spread of wireless LAN as a way to access to the Internet,the number of stations (STAs) connected with the wireless LAN are also increasing.However, with the increase in STAs in the wireless LAN, achievable throughput per STA decreases because they share the commu- nication resource provided by access points (APs).Therefore, multiple APs are required to serve many STAs and to improve the transmission capacity in the wireless LAN. In fact, IEEE 802.11 wireless

LAN can extend the communication range by using the multiple APs. In wireless LAN constructed with multiple APs,the following significant issue can arise:how to select an appropriate AP among available APs.In the existing architecture, the received signal strength[1] is usually employed to select an AP.However,such AP selection strategy causes the concentration of STAs to specific APs: many STAs may associate with only a few APs because their signal strengths measured by the STAs are strong, while only a few STAs may associate with the remaining APs. This results in an imbalanced traffic load among APs in the wireless LAN. Internet of Things.

II. Overview of WLAN:

Mobile computing has come to be extraordinarily famous in todays society.Todays Internet has large boundaries while it corresponds to the mobility.For an instance, if person need to

Automation and Cloud Integration

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Abstract--SPROUT is the coordinated framework which execute a few activity all the while to determine the issues of cultivating, which are bringing an enormous hardship now a days in the general public of ranchers. In India, farming assumes a significant part for advancement of food creation. Horticulture relies upon the rainstorm which isn't adequate wellspring of water. So the water system is utilized in horticulture field. In water system framework relies on the dirt sort, water accessibility, dampness content, and so forth. In this paper programmed water system framework which depends on IoT arrangement. The model shows the essential exchanging framework system of water engine utilizing sensors from any piece of field by detecting the dampness, water source, and so on. In present days particularly ranchers are dealing with serious issues in watering their agribusiness fields, this is on the grounds that they have no appropriate thought regarding when the power is free so they can siphon water. Indeed, even after then they need to hold on until the field is appropriately watered, which makes them to quit doing different exercises. Here is a thought which assists not just ranchers with evening for watering the nurseries likewise, which detects the dirt dampness and switches the siphon consequently why the power is 'ON'. Consistently a SMS warning is shipped off the rancher's versatile about the current state of the homestead. Current temperature, pH(potential of Hydrogen) level of the dirt and probability of downpour information can be gotten to the Web-interface

Keywords— IoT, Sprout, Agriculture, Automation

I.

II. INTRODUCTION

IoT is an incredible and wide idea advanced as of late with mechanical technology and today the web monsters like Google, Microsoft and so on emphatically backing and work for this new field. Man-made consciousness or computerizations are the honored gifts of this killing idea. Primary target of web of things is to associate web with our everyday utilizing things and to decrease human endeavors by the assistance of cloud and organizations.

The thought is to associate the horticulture area to the universe of web. India is a huge country with a much populace, over half of Indians are ranchers or relying upon horticultural areas and consistently we loses a great deal of ranchers on account of they tired of the field of cultivating and even they constrained to do suicides because of unexpected weather conditions changes and floods causes them a major misfortune.

The framework is absolutely eco-accommodating and delivers 0% waste. Alongside this it is associated with the Google climate API 's thus it will likewise take care about water utilization and can water the plants by downpour expectation, on the off chance that it is a blustery day it won't water the plants, and at whatever point the moistness or the water content of the dirt decreases it gives the enough measure of water, or even pH esteem or the minerals of soil lessens it will illuminate the rancher or it is done consequently assuming the unrefined components are given. Before the weather conditions changes and weighty rains and floods, ranchers get ready and safety efforts

A machine learning approach towards social media to improving the performance.

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Abstract— The predominance of web-based entertainment is growing step by step y. Individuals of all age bunch are horribly intrigued by long range informal communication. Web-based entertainment associates individuals from various areas of the planet. In any case, online entertainment might have a few aftereffects, for example, digital tormenting, which might adversely affect the existence of individuals. Research shows that youngsters and teens are the fundamental survivors of this digital assault. Through the virtual entertainment, individuals share their considerations and feelings with their companions. There are enormous quantities of misrepresentation accounts in virtual entertainment. Digital tormenting is the point at which somebody, disturb others via web-based entertainment locales. Certain individuals use it for digital assault by offering negative remarks on others post. One method for handling this issue is to identify those harassing messages and scramble it. AI procedures make programmed identification of digital tormenting messages. Weka is a power full AI instrument which can be utilized for this reason. A mix of grouping and lexical algorithms can recognize regardless of whether a message is harassing.

Keywords— Machine learning, Weka, Classification algorithms, Lexical analysis

I. INTRODUCTION

Virtual entertainment is the most famous advancement in the 21st century. A group of internet-based application which is built on the foundation of web 2.0[1].. Online entertainment interfaces individuals from various areas of the planet and they can impart their insight photographs recordings. Business people utilize this as a mode for their showcasing. Virtual entertainment assumes a significant part in all fields whether it is business, legislative issues, expressions, governmental issues for sure not. Anyplace and wherever there is an effect via virtual entertainment. Virtual entertainment has accomplished an extraordinary progress in all fields and drawn in individuals of various age gatherings.

The hindrance of virtual entertainment is known as cyber bullying which incorporates posting bits of hearsay, dangers, sexual comments, casualty's very own data. Digital tormenting is hassling that occurs over cutting edge devices like PDAs, PCs, and tablets. It can occur through SMS, Text, and applications, or online in electronic life, social occasions, or gaming where people can see, participate in, or share content and sending, posting, or sharing pessimistic, dangerous, bogus, or mean substance about someone else.

Posting negative remarks with respect to actual characteristics, religion, position is a not kidding issue in the public eye. A Study shows that digital tormenting exploitation goes from 10% to 40%as refered to in [2]. Around 43% of teens were harassed in USA [3]. This tormenting adversely affects children.[4][5][6] and influence their schooling and individual life. We can forestall the results of digital harassing via programmed location of these tormenting messages. There are various classes of digital harasser and various kinds of cyber bullying [7].

Policy Prediction and Image Search on Content Sharing Sites

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Abstract— Client can share their own data like pictures with different clients through satisfied sharing destinations. Tragically the security of transferred pictures in satisfied sharing site become a significant issue. To conquer this issue CHUI based Privacy Policy Prediction system and NPK for protection strategy based picture search are presented . CHUI (Closed High Utility Itemsets) based Framework decides the best protection strategy for the transferred pictures and NPK (Non-Parametric Kernel) for picture search in secure way.

Keywords— CHUI,NPK

I. INTRODUCTION

A privacy policy [10] is an announcement or a legitimate record in security regulation. It unveils some or every one of the manners in which a party assembles, utilizes, reveals, and deals with a client information. It satisfies a legitimate necessity to safeguard a client protection. Individual data can be utilized to recognize an individual, including name, address, photographs , date of birth and so on.

Content Sharing [9] alludes to the arranged conveyance of content across fitting virtual entertainment, for example, Twitter, LinkedIN, Facebook [12] and Google +.

Photograph is a picture. Sharing pictures are significant leisure activity of individuals in satisfied sharing locales. Typically the common pictures can be gotten to by companions as well as outsiders because of the imperfections in security settings .This might prompt openness of individual data. That is collected data can be abused by pernicious clients.

To keep away from such sort of pointless confession of individual pictures, protection settings are required. These days such protection settings are accessible yet keeping up

with these actions is a monotonous and blunder inclined process.

CHUI [3] based Privacy Policy Prediction framework and NPK [2] based picture search are acquainted with conquer this issue .It furnishes clients with an encounter of free security settings via consequently producing customized strategies and strategy based picture search.

II. RELATED WORK

Prior frameworks shows various investigations on programmed task of the protection settings. One such framework is Bonneau et al.[4] which extended the idea of protection suites. It suggests the client's protection setting with the assistance of talented clients. The gifted clients are believed companions who recently set the settings for the clients.

anezis [5] presented a programmed security extraction framework . Bunches of companions was proposed by Adu-Oppong et al. [6] in view of the idea of "groups of friends". Area based client security was anticipated by Ravichandran et. al[7]. This was done based on season of the specific day and area . The investigation of whether the watchwords and

Improving Sensor Network in Sustainable City

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Abstract— Lately, we've seen a twist of online internet based totally business sites. It indicates an superb threat to share our surveys and evaluations for distinctive gadgets we purchase. Looking to the score cannot the simplest one assist a client to get an define about the object as an alternative the maximum perfect course is to peruse the audits about the item. Be that as it may, at that point a captivating issue comes up. Imagine a scenario in which the quantity of surveys is within the hundreds or hundreds. Which contain of 10 to 15 pages at that factor it is virtually no longer possible to experience each one of these surveys because of wastage of time and exertion. Here comes the importance of audits. To mine profitable information from audits to recognise a patron's tendencies and make a precise cease pivotal. In this work, we recommend a sentiment based rating expectation technique to take care of this difficulty.

Keywords— Energy efficient, Green city, Hybrid optimization, IoT, PSO, Raspberry Pi, WSN.information.

I.

I. INTRODUCTION

Wireless Sustainable towns should have a large name for in future. So it is very essential to expose the city to keep it sustainable. In a sustainable metropolis, a huge variety of sensors and gadgets are interconnected the usage of IoT to help handling issues like air pollutants, waste management, forest hearth and power efficiency[1]. The excessive exploitation of herbal assets and growing pollution are annoying the surroundings in addition to the everyday living situations. Monitoring and maintaining a city are more hard duties than growing or constructing them[3]. So, tracking the use of an strength efficient IoT enabled wi-fi network and statistics analytics will enhance the overall overall performance of the device[5]. The complete town is included with numerous sensors in step with the parameters to be monitored. The sensors can be temperature sensor, humidity sensor, and so on.

II. LITERATURE REVIEW

(i). Weather MonitoringSystem:

Some digital and analog sensors are used on this gadget to measure the environmental parameters. This records from the input sensors will then be examine with the aid of the server, i.E. Raspberry Pi and saved in CSV as well as text documents. The sensors accumulate statistics of diverse environmental parameters and provide it to Raspberry Pi which acts as a base station. The Raspberry Pi then transmits the information the usage of WiFi and it is going to be displayed at the computer[8].

(ii). Building Monitoring System using RaspberryPi:

The principal goal of this paper is to make use of Raspberry Pi as the principle factor of the Building Monitoring System to display the environmental parameters and additionally to screen the energy intake of the building surroundings inorder to increase an powerful environment tracking system which may be used correctly to execute statistics analytics for destiny strength harvesting[5].

(iii). Methodology for Monitoring Manufacturing

Improved Datasets Analysis: Thesaurus Model

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Abstract— Humankind has put away in excess of 295 billion gigabytes (or 295 Exabyte) of information beginning around 1986, according to a report by the University of Southern California. Putting away and checking this information in generally disseminated conditions for all day, every day is an enormous errand for worldwide assistance associations. These datasets require high handling power which can't be presented by conventional information bases as they are put away in an unstructured arrangement. Although one can utilize Map Reduce worldview to take care of this issue utilizing java-based Hadoop, it can't give us with most extreme usefulness. Downsides can be defeated utilizing Hadoop-streaming methods that permit clients to characterize non-java executable for handling this dataset. This paper proposes a THESAURUS model which permits a quicker and more straightforward form of business examination.

Keywords—Hadoop,MapReduce,HDFS,NoSQL

I. INTRODUCTION

Information has never been more essential to the business world as it has turned into a fundamental resource as significant as oil and similarly as hard to mine, model and make due. The volume and veracity of the datasets that are being put away and dissected by the business are unforeseeable and the customary advances for information the board, for example, social data sets can't meet the ongoing business needs. Bigdata advancements assume an indispensable part to resolve this issue. Early thoughts of huge information came in 1999 and at present it turns into an unavoidable peculiarity device through which we oversee business and administration. For a layman the possibility of Bigdata might connect with pictures of turbulent monster distribution centers stuffed office space with various staffs managing immense number of pages and accompanied exhausting proper records under oversight of some old civil servant. In actuality working of Bigdata is straightforward and all around organized, yet interesting to the point of presenting new difficulties and open doors even to specialists of industry. It gives equal handling of information in many machines that are circulated geologically

In the present information focused world Hadoop is considered as the primary specialist of enormous information innovation because of its open source nature. Anyway as it is a java based environment, it made obstacle for developer from non-java foundation. To resolve this issue it has worked with an instrument, 'Hadoop-Streaming' by empowering adaptability in programming with successful equal computability.

II. RELATED WORK

The inquiry that experiences a youngster is that why one purposes unstructured dataset when there is generally a chance of utilizing organized information. At the start of figuring, the term stockpiling related just plain texts. Presently client requirements to store more extravagant substance than plain message. Rich information type incorporates pictures, films, music, x-beams ,etc.It gives prevalent client experience to the detriment of extra room.
Apache Hadoop [1] is open source programming for dependable, versatile and dispersed processing. Hadoop system permits conveyed handling of enormous datasets across low level ware equipment utilizing straightforward programming models. This system is motivated by Google's