

RESEARCH AND DEVELOPMENT CELL**Academic Year 2021-2022****Research Publications**

S.No	Item	CSE	CIVIL	ECE	S & H	EEE	MECH	Total
1.	No of Published papers	34	3	-	5	26	-	68
2.	No of Faculty involved	21	3	-	3	17	-	44

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S.No	Name of the Authors	Title	Journal Name, Publisher /Name of the conference, Venue	Vol. No., Issue No. Page. Nos.	Month and Year of Publication
1.	Dr.Amjan Shaik	Customer Loan Eligibility Prediction using Machine Learning	JAS	2022	1309-3452
2.	Mr.Gangireddy Prabhakar Reddy	Image Deblurring using Repeating Gradient Descent Model	JAS	2022	1309-3452
3.	G.Sudha	Stock Price Prediction Using Machine Learning	JAS	2022	1309-3452
4.	Dr.Amjan Shaik	Prediction of Stock Index Pattern via three-stage architecture of TICC, TPA-LSTM and Multivariate LSTM-FCNs	JAS	2022	1309-3452
5.	Dr. A. Anjaiah	Plant Leaf Disease Detection Using Machine Learning	JAS	2022	1309-3452
	Mrs. Kommineni Madhavi	Music Recommendation	JAS	2022	1309-3452

6.		System Based On Emotion Recognition			
7.	Mr. Md. Ilias	Biometric Authentication for Cloud Services	JAS	2022	1309-3452
8.	Dr. A. Anjaiah	Food Quality Auditing and Surveillance System by Using Internet of Things	JAS	2022	1309-3452
9.	Dr. Amjan Shaik	Forecast Bitcoin Price Prediction Using Time Series Analysis through Machine Learning	JAS	2022	1309-3452
10.	Ms. Ambadi Vijetha	Crime Reporting and Analysis Using Machine Learning	JAS	2022	1309-3452
11.	Dr. Anjaiah Adepu	Network Malware Detection for Cloud Infrastructure	JAS	2022	1309-3452
12.	Dr. A. Anjaiah	Automatic Number Plate Detection for Motorcyclists Riding Without Helmet	JAS	2022	1309-3452
13.	Dr. A. Anjaiah	Smart Automatic Irrigation System for Cotton Crop Using IoT	JAS	2022	1309-3452
	Mr.Sagar Babu	Spotting and Reporting	JAS	2022	1309-3452

14.		Garbage inUrban Streets Using Mobile Edge Computing			
15.	Shaik Mohammed Ilias	Prediction of Software Quality Using Machine Learning	JAS	2022	1309-3452
16.	G. Balaiah	Predicting ChargeConsumption ofElectric Vehicles UsingMachine Learning	JAS	2022	1309-3452
17.	Dr. Anjaiah Adepu	A Study of Blockchain Technology in Farmer's Portal	INT-JECSE	2022	1308-5581
18.	Mr. G M Subhani	MUSIC GENRE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORKS	INT-JECSE	2022	1308-5581
19.	Prabhakar Reddy	A I VIRTUAL MOUSE (USING HAND GESTURES AND DEEP LEARNING)	INT-JECSE	2022	1308-5581
20.	Mr. K. Sri Ram Murthy	GSM & GPS BASED WOMEN SAFETY SYSTEM BASED ON ARDUINO	INT-JECSE	2022	1308-5581
21.	Mr. G. Prabhakar Reddy	SYSTEMATIC ANALYSIS OF HEALTHCARE USING BLOCKCHAIN AND MACHINE LEARNING	INT-JECSE	2022	1308-5581
	Dr Amjan Shaik	DETECTION AND CLASSIFICATION	INT-JECSE	2022	1308-5581

22.		OF TOMATO LEAF DISEASE			
23.	Dr.Amjan Shaik	PREDICTION OF CRIME RATE ANALYSIS USING MACHINE LEARNING ALGORITHMS	INT-JECSE	2022	1308-5581
24.	Mr. G M Subhani	A DEEP LEARNING MODEL FOR DETECTING COVID-19 FROM CHEST X-RAY IMAGES USING CONVOLUTIONAL NEURAL NETWORKS	INT-JECSE	2022	1308-5581
25.	Mr. Ch. Vijayakumar	SECURED ELECTRONIC-VOTING USING BLOCKCHAIN TECHNOLOGY	INT-JECSE	2022	1308-5581
26.	Dr.A.Anjaiah	PREDICTION OF GRADUATE ADMISSION USING MACHINE LEARNING	INT-JECSE	2022	1308-5581
27.	Mrs.G Sudha Reddy	MISSING CHILDREN IDENTIFICATION USING DEEP LEARNING	INT-JECSE	2022	1308-5581
28.	Ms. Sonia Eapen	Comparative Study of HR Management Practices in Information Technology Industry	INT-JECSE	2022	1308-5581
29.	Dr.Amjan Shaik	REDUCING	INT-JECSE	2022	1308-5581

		INDEBTED FARMERS SUICIDES USING DEEP LEARNING			
30.	Mr.Gangireddy Prabhakar	PANDEMIC IMPACT OF FINANCIAL PREDICTION USING HIERARCHICAL CLUSTER ANALYSIS AND BOOSTED RANDOM FOREST	INT-JECSE	2022	1308-5581
31.	Dr.Amjan Shaik	AGRICULTURE-CROP RECOMMENDATION SYSTEM BASED ON PRODUCTIVITY AND SEASON	INT-JECSE	2022	1308-5581
32.	Mrs. Vennamaneni Reshma	Behavior Analysis For Mentally Affected People Through Facial Expression Emotion Detection	INT-JECSE	2022	1308-5581
33.	Mr. SIVA PRASAD	DRUG RECOMMENDED SYSTEM BASED ON SENTIMENTAL ANALYSIS OF DRUG REVIEWS USING MACHINE LEARNING	INT-JECSE	2022	1308-5581
34.	Dr. Anjaiah Adepu	HAND GESTURE RECOGNITION USING MEDIA PIPE AND CONVOLUTIONAL NEURAL NETWORK	INT-JECSE	2022	1308-5581
DEPARTMENT OF CIVIL ENGINEERING					
1.	Fadi Almohammed, Civil Engineering	Assessment of Soft Computing	Materials	2022	15020489

	Department, Shoolini University, Solan, India	Techniques for the Prediction of Compressive Strength of Bacterial Concrete			
2.	Chetana MV, Asst. Professor, Jain Institute of Technology, Karnataka	Experimental Study on the Effect of Utilization of Industrial Waste in Sub-grade Layer of Flexible Pavement	Design Engineering	2021	00119342
3.	Maryam Bagheri, Department of Water Engineering, Sihag University, Iran	Experimental and Numerical study of flow at a 90 degrees lateral turnout with enhanced roughness coefficient and invert level changes	Water Supply	2022	20260455
DEPARTMENT OF HUMANITIES AND SCIENCES ENGINEERING					
1.	Dr Faroze Ahmad Chopan	Ecoiticism in Practice with special reference to Margret Lurencce's The Deviners and Gita Mehtas A River SSutra:AnEcologiclPe rspetive	Tathapi	2021	2320-0693
2.	Dr Sayyad Saadiq Ali	HR Analytics - The Measurement of HR Processes using a Methodical Approach	2022 International Conference on Computer Communication and Informatics (SCOPUS)	2021	978-1-7281-5875-4/21/©2021 IEEE CONFERENCE
3.	Dr Sayyad Saadiq Ali	Role of Artificial Intelligence in Financial Management	2022 International Conference on Computer Communication and Informatics (SCOPUS)	2021	978-1-7281-5875-4/21/©2021 IEEE CONFERENCE
4.	Dr Sayyad Saadiq Ali	The Influence of Job Satisfaction and Organizational Culture on Organizational Performance: Empirical Evidence from Indian Banking Sector	2022 International Conference on Computer Communication and Informatics (SCOPUS)	2021	978-1-7281-5875-4/21/©2021 IEEE CONFERENCE
5.	Dr. V S Sankara	Treatment of Time and	GIS Science Journal	2021	1869-9391

	Rao Chinnam	Space in Relevance to Amish Tripathi's The Shiva Trilogy,			VOLUME 8, ISSUE 10, 2021 pp 194-207.
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING					
1.	Dr M Dilip Kumar, Dr PSarala	Analysis of various faults in diode clamped multilevel fed induction motor drive	IJAEMA		ISSN:0886-9367
2.	BSantoshGoud ,JaligamaSiddharthaGoud ,ChitumallaAnudeep	Power Quality, Continuity And Load Monitoring Overload	JETIR		ISSN-2349-5162)
3.	Ch Naga Sai Kalyanetal	Frequency Regulation of Multi Area Hybrid Source Power System with Energy Storage Devices"	RTEST Tehran, Iran (30 th – 31 st May, 2022		
4.	Ch Naga Sai Kalyanetal	Demonstrating the pre dominance of time delays on frequency regulation of Dual area realistic Power System under DOFPID controller"	ICSGSM – 2022 , KLU, AP (4th – 5th May, 2022)		
5.		Voltage Sag and Swell Compensation in Integrated System using Advanced UPQC	Proceedings of IEEE conference		
6.	Dr.PV Kishore	PV –Wind Hybrid System Based cuckoo search MPPT Algorithm	Scopus		Proceedings of ICEEE 2022

7.	A.SaiPragathi,ChetanChhetri, ChE V Naveen	PIControlledDc-DcBoostConverter ForFast ChargingOfElectric VehicleUsingSolarPower	The International journalof analyticalandexperimentalmodalanalysis		ISSNNO:0886-9367
8.	M.ManojKumar,B. RaviTeja,K.VijayBhargav	Power QualityImprovementByHysteresis Current ControlledActivePowerFilter	Complexity InternationalJournal (CIJ)		ISSN:1320-0682
9.	G Suryaprakash Reddy,Rajashree, Goudelli AkashKumar	WirelessDcMotorSpeedAndDirectionControl UsingBluetooth	IJCRT		ISSN:2320-2882
10.	LekkalaVikram, Md.Waseem,K.S .V.Saikumar	DTMFBasedHomeAutomation	IJCRT		SSN:2320-2882
11.	Nakeerthi. Akhila, Methuku.Akshay Kumar, Katta. ShanthanRao	Wireless ChargingOf ElectricVehicle	Complexity InternationalJournal (CIJ)		SSN:1320-0682
12.	K.Suresh	Real-Time Validation of a fuzzySlidingModeControllerforClosed-Loop Operation ofReduced SwitchCountMultilevelInverters	The International journalof analyticalandexperimentalmodalanalysis		ISSNNO:0886-9367
13.	MachhaLikhitha , MuraliNiyal,,K alidindiPoojitha	IOT Covid-19 PatientHealthMonitoring	JETIR		SSN-2349-5162

14.	N.Ramesh K.Prashanth N.Ganesh	Design OfEarthFault RelayAndAlerts ThroughVoice	The International journalof analyticalandexperimen talmodalanalysis		ISSNNO:0 886-9367
15.	Bhukya Hari Prasad Naik, KNikhil, DSrilekha	Design And Analysis Of A Grid- Connected Photovoltaic PowerSystem	IJRAR		E- ISSN2348- 1269,P- ISSN2349- 5138)
16.	Syed tanvez, P.Rakesh,G.Yas hwanth,Md.Sad hik	AnIntelligentGridIn terfacedSolarWater PumpingSystem	IJRAR		E- ISSN2348- 1269,P- ISSN2349- 5138)
17.	KeerthiMandala,Ve nkataSaiTejaKudup udi, Nitish Kumar	Dual ApplicationWind MillForOngrid AndOff- GridApplications	JETIR		ISSN- 2349-5162
18.	T.Veeresh,SaiArun KumarP, K.VineethReddy	AnIntelligentGridIn terfacedSolarWater PumpingSystem	IJRAR		E- ISSN2348- 1269,P- ISSN2349- 5138)
19.	S.Srikanth, L. PurnachandraRao, G.Sreesriya	Smart IotBasedEnergyMonit oringSystemForMicro gridWithLoadManage mentAndAlgorithm	The International journalof analyticalandexperimen talmodalanalysis		ISSNNO:0 886-9367
20.	M Akhila Reddy, P Kumar , SJaya Krishna	ImprovedPowerQualit ySwitchedInductorCu kConverterforBattery ChargingApplication	IJCRT		ISSN:2320 -2882
21.	T.Madhuri,N.SaiNi khil,K.Shiva	Transient Stablity EnhancementOf Dfig Based Variable	Complexity InternationalJournal		SSN:1320- 0682

		Speed Wind Generator By R-Type Solid State Fault	(CIJ)		
22.	N. Bhavatha P.D ivya Teja S.A nkitha	A Power Factor Oriented Railway Power Flow Controller For Power Quality Improvement In Electrical Railway Power System	The International journal of analytical and experimen tal modal analysis		ISSN NO: 0 886-9367
23.	Alishetty Akash Ku mar	Identification Design For Dynamic Voltage Restorer To Mitigate V oltage Sag Based On The Elliptical Transfor mation	Journal of Interdisciplinary Cycle Research		ISSN NO: 0 022-1945
24.	B. Shivanandha Char y	Development And Comparison Of A n Improved Incremental Conductance Algorithm For Tracking The Mpp Of A Solar Pv Panel	The International journal of analytical and experimen tal modal analysis		ISSN NO: 0 886-9367
25.	E Sai Lohit, P Lakshmi Prasanna, A Supriya	Grid-Connected Wind-Photovoltaic Cogeneration Using Back- to-Back Voltage Source Converters	IJCRT		ISSN: 2320 -2882
26.	S Sushanth Reddy, T Ashwitha , B Sai Tej	Retrofitting Of Existing Vehicle To Electrical Vehicle	JETIR		ISSN- 2349-5162