

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY (UGC Autonomus)
(AICTE Approved, Permanently Affiliated to JNTUH, Accredited by NBA an Accredited by NAAC with 'A' Grade)
Cheeryal(V), Keesara(M), Medchal. Dist. 501301
Department of Computer Science and Engineering
List of Faculty Journal Publications
Academic Year 2022-2023

S.No	Activity	Total
1	Publications	21 (Scopus-13,SCI-04,WOS-02,UGC-02)

S.No	Name of the Faculty	Title of the Paper	Journal Name	ISSN/ISBN,Volume, Issue	Indexing	Year of publication	National/ International	URL Links
1	Dr.K.Krishna Jyothi	Design Of Multi-Objective-Based Artificial Intelligence Controller For Wind/Battery- Connected Shunt Active Power Filter	Algorithms-MDPI	ISSN: 1999-4893, Volume 15, No. 256, 2022, p. 1-23	Esci	Jul-22	International	https://doi.org/10.3390/a15080256
2	Dr.Rakesh Kumar Donthi, G. Santhoshi, Maguluri V Lavanya, M.Akhila Reddy	Hybrid Approach Of Multi-Attribute Data For Sentiment Analysis In Online Social Networks	Journal Of Algebraic Statistics	ISSN :1309-3452, Volume 13, No. 3, 2022, p. 876-882	Web Of Science	Jul-22	International	https://www.publishoa.com/index.php/journal/article/view/700
3	Dr D Rakesh, Dr G Soma Sekhar	Covid 19 Vaccination Classification Of Opinion Mining With Semantic Knowledge Based Decision Making	International Journal of Web and Semantic Technology	ISSN :0975-9026, Volume-13,No-03	Publons (Web Of Science)	Jul-22	International	https://airconline.com/abstract/ijwest/v13n3/13322ijwest01.html
4	Dr. A Hari Prasad Reddy , Peeroji Shiva Kumar ,V Shiva Narayana Reddy	Abnormal Driving Detection In Video Using Alternative Wide Group Residual Densely	Journal of Positive School Psychology	ISSN No: 2717-7564, Volume:06,No. 8,160-167(Scopus)	Scopus	Jul-22	International	https://journalppw.com/index.php/jpsp/article/view/9629
5	Dr.K.Kamakshaiah, P. Sony, B.Neeraja	Human Computer Interaction Based Head Controlled Mouse	Journal of Positive School Psychology	ISSN : 2717-7564, Volume:06,No. 8,145-152(Scopus)	Scopus	Jul-22	International	https://journalppw.com/index.php/jpsp/article/view/9627/6271
6	V Shivanarayana Reddy, K Kavya, D Sudheer Reddy	Virtual Paint And Volume Control Using Handgesture	Journal of Positive School Psychology	ISSN : 2717-7564, Volume:06,No. 8,153-159(Scopus)	Scopus	Jul-22	International	https://journalppw.com/index.php/jpsp/article/view/9628/6272
7	E.Vijaya	Estimation Of Spacecraft Telemetry Faults Using Svm & K-Means Machine Learning Algorithm	Telematique	ISSN : 1856-4194, Volume: 21,Issue: 1,2022,pg No:2035-2044	Esci	Aug-22	International	https://www.provinciajournal.com/index.php/telematique/article/view/257
8	M Shiva Rama Krishna	Power Allocation Model For Residential Homes Using Ai-Based Iot	Measurement: Sensors	ISSN : 2665-9174, Vol-24 P.No1-7	Scopus	Sep-22	International	https://www.sciencedirect.com/science/article/pii/S2665917422000952

9	Dr.G.Soma Sekhar	Stock Administration Framework Utilizing Aws	International Journal of Scientific research in Engineering and Management	ISSN NO:2582-3930, Volume 06, Issue No. 10, 2022(UGC)	Ugc	Oct-22	International	https://ijsrem.com/download/stock-administration-framework-utilizing-aws/
10	M Akhila Reddy, G Santhoshi, Palvancha Shambhavi	A Fast And Accurate System For Missing Children Detection Or Identification Using Deep Learning	Neuroquantology- An Interdisciplinary Journal of Neuroscience and Quantum Physics	ISSN NO: 1303-5150, Volume 20, Issue No. 11, pg.No. 3433-3449(Scopus)	Scopus	Oct-22	International	https://www.neuroquantology.com/open-access/A+FAST+AND+ACCURATE+SYSTEM+FOR+MISSING+CHILDREN+DIRECTION+OR+IDENTIFICATION+USING+DEEP+LEARNING_9157/
11	Sanjay K Prasad, Puja S Prasad, Nupur Neti	Energy-Efficient Resource Allocation With A Combinatorial Auction Pricing Mechanism	International Journal of Information Technology	ISSN :2511-2112, Volume 15, pages 511-518	(Scopus +Ugc Unpaid Journal)	Oct-22	International	https://link.springer.com/article/10.1007/s41870-022-01110-9
12	Dr.N.LakshmiPathi Anantha	Movie Recommendation System Using Deep Learning Techniques	Journal of Pharmaceutical Negative Results	ISSN :2229-7723, Volume 13, Issue 4, 1047-1051	Scopus	Nov-22	International	https://www.pnrjournal.com/index.php/home/article/download/2970/2834/3736?__cf_chl_tk=VvNTgmqWJ6_vFRj2IefztcnCNV7AIr3JyQJHIWle0Hk-1737521991-1.0.1.1-X_dGsTkGyxgTcXwUwao89XqdTdTE9MO7kJ0y0Zx6Fik
13	Nandula Rohan Kausik, Nandula Nikhil Kartik, G. Soma Sekhar	Personal Expense Tracker Utilizing Amazon Web Services	International Journal of Computer Trends and Technology	ISSN :2231 – 2803, Volume 70 Issue 11, 8-14	Ugc	Dec-22	International	https://ijctjournal.org/2022/Volume-70%20Issue-11/IJCTT-V70I11P102.pdf
14	V. Shiva Narayana Reddy, Pakeer Shivani, Kalavakolanu Sudarshan Sharma	Secure Voting System Using Iris Recognition	Gradiva Review Journal	ISSN :0363-8057, Volume 8, Issue 12, 653-657,	Scopus	Dec-22	International	https://drive.google.com/file/d/1KLLLhH-6bAhwjIStBy5g2EbRiMADmwOb/view DOI:10.37897.GRJ.2022.V8I12.22.50570
15	G Santhoshi, G Nandini Laxmi Priya, Myson Sunny Raj	Text To Speech And Speech To Text Recognition	Gradiva Review Journal	ISSN :0363-8057, Volume 8, Issue 12, 680-685,	Scopus	Dec-22	International	https://drive.google.com/file/d/1rtjoWNLXEE7thwYQuScjIzfyZ396cvGf/view DOI:10.37897.GRJ.2022.V8I12.22.50573

16	M.Vishwashanthi, B. MAMATHA, Sai prakash chary	Diabetes Prediction Using Machine Learning	Gradiva Review Journal	ISSN :0363-8057, Volume 8, Issue 12,692-697	Scopus	Dec-22	International	https://drive.google.com/file/d/1OE8A-QzWG9qzJnKJhR-ecmW_zHKDBcIR/view DOI:10.37897.GRJ.2022.V8I12.22.50575
17	A Hariprasad Reddy, M Chaithanya Lahari, Nandiminti Venkateswarulu	A Novel Approach For Face Mask Detection	Gradiva Review Journal	ISSN :0363-8057, Volume 8, Issue 12,390-398,	Scopus	Dec-22	International	https://drive.google.com/file/d/15_Ok4dVr5_hli2fj2gI4MzwDq--eYn8l/view DOI:10.37897.GRJ.2022.V8I12.22.50538
18	K.Raghu	Speech Emotion Recognition System Performance Analysis With Optimized Features Using Different Classification Algorithms	Journal of Theoretical and Applied Information Technology	ISSN :1992-8645, Vol.101, Issue No.4	Scopus	Feb-23	International	https://www.jatit.org/volumes/Vol101No4/8Vol101No4.pdf
19	Dr.K.Krishna Jyothi, Dr.G.Kalyani	Design Of Upqc With Solar Pv And Battery Storage Systems For Power Quality Improvement	Cybernetics and Systems	ISSN :0196-9722 Pages 8184-8191	Sci E	Mar-23	International	https://doi.org/10.1080/01969722.2023.2175144
20	Dr Neha Nandal	Intelligent Surveillance Support System	Discover Internet of Things	ISSN :2730-7239, Issue 9, Volume 3	Scopus	May-23	International	https://link.springer.com/article/10.1007/s43926-023-00039-0#:~:text=The%20Intelligent%20Surveillance%20Support%20System%20(ISSS)%20is%20a%20sophisticated%20platform,%2C%20identification%2C%20and%20rectangle%20selection.
21	Dr.A.Sreelakshmi	Simulation Based Predictive Analysis Of Indian Airport Transportation System Using Computational Intelligence Techniques	Journal of Aerospace Technology and Management	ISSN: 2175-9146, Vol.15, e1123 ,p. 1-15	ESci	Jun-23	International	https://jatm.com.br/jatm/article/view/1300

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Department of Computer Science and Engineering
List of Faculty Attended Conferences
Academic Year 2022-2023

<u>S.No</u>	<u>Activity</u>	<u>Total</u>
1	Conferences	04(Scopus-04)

<u>S.NO</u>	<u>Faculty Name</u>	<u>Title</u>	<u>Conference Name</u>	<u>ISBN</u>	<u>Scopus Index / SCI/UGC</u>	<u>Year & Month of Publication</u>	<u>National/International</u>
1	Thota RakeshKumar	Improved Bio-Inspired Algorithm Design for Prediction of heart Diseases	ICEAT 2022,IEEE	2368-7487 327-331	SCOPUS	Jul-22	International
2	Puja S Prasad, C Esther varma, VinitKumar Gunjan	Face Recognition and Detection Algorithm—A Review	FTNCT Conference proceeding	978-981-19-5037-7	SCOPUS	Nov-22	International
3	RadhaSeelaboyina,K. Durga Kalyani, Chandrakala,E. Swapna, P.Sobha Rani	Research on Student's Performance in Virtual Courses in the context of Artificial Intelligence	IEEE	978-1-6654-5343-1	SCOPUS	Nov-22	International
4	E Mahender	Breast Cancer Risk Detection using XGB Classification Machine Learning Technique	IEEE	978-1-6654-5416-2	SCOPUS	Dec-22	International

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Department of Computer Science and Engineering
List of Faculty Published Books
Academic Year 2022-2023

S.No	Activity	Total
1	Books Published	3

S.No	Faculty Name	Title	Publisher Name	Year	ISBN	National/International	Others
1	Dr. Kolli Kamakshaiah	“Artificial Intelligence”	Nitya Publications	2022	939369436-2	International	
2	Dr G Somasekhar	“Wireless Sensor Networks”	RK Publishers	2022	978-81-960402-0-8	International	
3	Dr G Somasekhar	“Basics of Object Oriented Systems”	Alpha International Publication	2022	978-93-95978-83-5	International	
4	P Haritha	“Introduction to Operating System”	Blue Rose Publications	Jan-23	978-93-5704-444-8	International	

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Department of Computer Science and Engineering
List of Faculty Published Book Chapters
Academic Year 2022-2023

<u>S.No</u>	Activity	Total
1	BooksChapters Published	0

<u>S.No</u>	Faculty Name	Title	Publisher Name	Year	ISBN	National/International	Others
NIL							

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Department of Computer Science and Engineering

List of Faculty Published Patents

Academic Year 2022-2023

S No	Name of the faculty	Title Of The Patent	Application Number	Month & Year Of Publication	Application Status	Field Of Invention	National/International
1	Mrs. Radha Seelaboyina	Method and apparatus for face recognition using artificial intelligence	202221053962	30-09-2022	Published	Computer Science	National
2	P.Prathima	A Real Time Data Base Management System Enabled with multiple Entity Split Exchange for Cyber Security	202241056435	21-10-2022	Published	Computer Science	National
3	Dr. Puja s Prasad, Radha seelaboyina, K. Durga Kalyani, E. Swapna, P Sobha Rani S.L. Anusha A. Bixapathi T Rakesh Kumar	Framework design to reach out people in emergency using fog and edge computing	202241059951	04/11/2022	Published	Communication	National
4	Dr.N.Lakshmi pathi Anantha	Artificial intelligence based approach to analyse the factors that are associated with head and neck cancer	202241064298	18-11-2022	Published	Electronics	National
5	Dr A SreeLakshmi	Smart Plastic Waste Management Machine	378634-001	19-05-2023	Published	Electronics	National

Department of Computer Science and Engineering
Faculty Project Proposals
Academic Year 2022-2023

S.No	Activity	Total
1	Project Proposals	1

S.No	Faculty Name	Project title	Start Date	Completion Date	Duration	Month&Year	Project Cost (Rs)	Sponsoring Organization	Status
1	Dr.Udaya Kumar Susarla Principal, Professor in CSE, GCET O.V.P.R Siva Kumar Professor, ECE, GCET Dr.G.Neeraja Rani Professor, FE, GCET	Development of novel carbon nano-tube/ polymer nano-composite materials for EMI applications					45.81 Lakhs	DRDO, Kanpur 2018	Completed
2	Dr.A.Sreelakshmi,Dr.Puja Prasad	Live-ID : Face Liveness Verification using Pupillary Light Reflex for Digital on boarding of remote customers to speedup eKYC processes	-	-	16 months	March 2023	14,85,000	SERB-CRG	Submitted

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Department of Computer Science and Engineering
Faculty Project Funded by Consultancy /Sponsored Research
Product Development
Academic Year 2022-2023

<u>S.No</u>	<u>Activity</u>	<u>Total</u>
1	Product Development	01(Sponsored -01)

<u>S.No</u>	<u>Name of the Project Investigator</u>	<u>Project title</u>	<u>Start Date</u>	<u>Completion Date</u>	<u>Duration</u>	<u>Academic Year</u>	<u>Project Cost (Rs)</u>	<u>Sponsoring Organization</u>	<u>Status</u>
1	S.Radha Assistant Professor Y.Siva Assistant Professor	Rampally Dayara Property Tax Management System	18.05.2022	15.07.2023	1 Year	2022-23	53,000/-	Unnat Bharat Abhiyan(UBA)	Completed