

1. Patent details of Faculty during Academic year 2024-25

SL.NO	Title of Patent	Name of the author/s	Patent Number	Year
1	AI-Powered System for generating personalized learning materials in educational technology	1.Bejugama.Sridhara Murthy	202441050141	2024

2. SCI Publications in A.Y 2024-25

s.no	Title of paper	Name of the author/s	Name of journal	Year of publication	Link to the recognition in UGC enlistment of the Journal
1	Crop Disease Detection by Deep Joint Segmentation and Hybrid Classification Model: A CAD-Based Agriculture Development System	Dr. V. Shanakr	phytopathology	Jan-25	https://doi.org/10.1111/jph.70003
2	Comprehensive Literature Review of Vehicle License Plate Detection Methods	Dr. V. Swathy, Dr. Kumar Dorthi	Traitement du signal	Jun. 2024	https://doi.org/10.18280/ts.410304

3	A Novel Political Optimizer-Based Feature Selection with an Optimal Machine Learning Model for Financial Crisis Prediction	Dr. V. Swathy	International Journal of Cooperative Information Systems,	Aug. 2023	https://doi.org/10.1142/S021884302350020X	
4	Deep learning based sarcasm detection and classification model	Dr. V. Swathy	<i>Journal of Intelligent & Fuzzy Systems,</i>	Jan-24	https://doi.org/10.3233/jifs-222633.	
5	Comprehensive Literature Review of Vehicle License Plate Detection Methods	Dr. Kumar Dorthi	<i>Traitement du signal</i>	Jun. 2024	https://doi.org/10.18280/ts.410304	

3. Ph.D Awarded Faculty in A.Y 2024-25

Name of the faculty	Year of award	Name of the supervisor	University	Thesis title	Proof (pdf)
Dr. C. Jayanthbabu	2024	Dr. R.Padmavathy	NIT Warangal	Ring LWE - based Post Quantum Authentication Protocols for Internet of Things and Blockchain Applications	https://drive.google.com/file/d/1gO9_Pz9b4mOR8eEFS-2yFhD2mYPoA8F/view?usp=drive_link

4. Book chapters during 2024-25

S. No	Author Name	Book Chapter Name	Book Name	Publisher Name	Year of publication	Publication Link	ISBN
1	Dr. V. Shankar	Machine learning models for iot botnet attack detection	Artificial Intelligence and Internet of Things based Augmented Trends for Data Driven Systems	Taylor & Francic group	2024	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003497318-8/machine-learning-models-iot-botnet-attack-detection-shankar-nagaraju-sangepu-nandam-gayathri-chandra-pavani	9781003497318.00

5. Scopus Publications in A.Y 2024-25

s. no	Title of paper	Name of the author/s	Name of journal	Year of publication	Link to the recognition in UGC enlistment of the Journal
1	Smart healthcare data protection and analysis through fuzzy-based cyber security	Dr. S. Venkatramulu	Journal of Environmental Protection and Ecology,	2024	https://www.researchgate.net/profile/Tejesh-Reddy-Singasani/publication/384734042_SMART_HEALTHCARE_DATA_PROTECTION_AND_ANALYSIS_THROUGH_FUZZY-BASED_CYBER_SECURITY/links/6705943847611f6529110c5a/SMART-HEALTHCARE-DATA-PROTECTION-AND-ANALYSIS-THROUGH-FUZZY-BASED-CYBER-SECURITY.pdf

2	Multi-Dimensional Machine Intelligence Technique on High Computational Data for Bigdata Analytics	Dr.A. Godavari	<i>International Journal of Electrical and Electronics Engineering,</i>		https://doi.org/10.14445/23488379/ieee-v11i6p110
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6. Number of research papers published in the Conferences during 2024-2

S.No	Title of paper	Name of the author/s	Name of Conference	Year of publication	Publisher	Link to the recognition in UGC enlistment of the Journal
1	Cluster head selection for single and multiple data sinks in heterogeneous wsn using wild horse optimization	Dr. S. Venkatramulu	2024 International Conference on Integrated Circuits and Communication Systems (ICICACS),	2024	IEEE	https://ieeexplore.ieee.org/document/10498793
2	A Novel spatial relational features generation using encoded geometry for character recognition	Dr. S.N.Reddy Dr.V.Swathy	<u>2024 International Conference on Knowledge Engineering and Communication Systems (ICKECS)</u>	Apr-24	IEEE	https://doi.org/10.1109/ickecs61492.2024.10617390

3	Predicting Types of Genetic Disorder-Multiple Classifiers Approach	Dr.V.Swathy	2024 3rd International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	Jun-24	IEEE	https://doi.org/10.1109/icaaic60222.2024.10575409
4	A Novel spatial relational features generation using encoded geometry for character recognition,	Dr.V.Swathy	<u>2024 International Conference on Knowledge Engineering and Communication Systems (ICKECS)</u>	Apr-24	IEEE	https://doi.org/10.1109/ickecs61492.2024.10617390