



SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.
Accredited by NBA (B.Tech – CSE, ECE,EEE,Mech.,Civil and IT) & NAAC with 'A' Grade
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

FACULTY PATENTS 2024-2025

S. No	Name of the Faculty	Title	Application No	Status	Date
1	M.Chandrakala	IoT-Integrated Garbage Collection System With Indicator Functionality	202411040339	Published	21/06/2024
2	B.Vijaya	Healthcare Management Model Utilizing A Camera Enabled By IoT Devices	202411040677	Published	21/6/2024
3	R.Venkataramana	Precision Aerial Drone For Automated Coconut Harvesting	426432-001	Granted	10/8/2024
4	N.Narayanamma	Predictive Analytics For Financial Markets Using Machine Learning	202441072601A	Granted	04/10/2024
5	Dr. P.Prathusha	Integrating Biotic And Abiotic Stress Detection In Crops Through IOT And Cloud Computing	202441089460	Published	29/11/2024
6	Dr.T.Sree Lakshmi	High Frequency signal enhancement antenna with low SNR device	6406096	Granted	29/11/2024
7	N.Narendra Reddy	Smart Building structural Health Monitoring as a Service Platform using IoT & Machine Learning		Published	2024
8	N.Narendra Reddy	Data Driven IoT platform for continuous Health monitoring and Anomaly Detection in Chronic Disease Management		Published	2024
9	B.Vijaya	Design for an AI Model Fine Tuning Interface using Reinforcement Algorithms	440597-001	Granted	14/12/2024
10	DrSarithaAnchuri	Enhancing Agriculture Through IoT-Based Embedded Systems, Cloud Computing, And Machine Learning For Plant Disease Detection	202411094132A	Published	03/01/2025
11	B.Ramakantha Reddy	Machine Learning-Assisted Evaluation Of Antibacterial Activity Of BismuthFerrite (BiFeO ₃) Nanoparticles For Healthcare Applications	202411093307 A	Published	03/01/2025





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12	B.Ramakantha Reddy	Enhancing Agriculture Through Iot-Based Embedded Systems, CloudComputing, And Machine Learning For Plant Disease Detection	202411094132A	Published	03/01/2025
13	I. MadhaviLatha	A System And Method For Enhancing The Soybean Supply Chain Efficiency Through Technological Integration	202541001617A	Published	10/01/2025
14	I. MadhaviLatha	Automatic Detection And Classification Of Plant Diseases Using Deep Learning Techniques	.202411100181 A	Published	21/02/2025
15	Dr.N.Sudhakar Reddy	AI based Balance and posture Detecting Device	448485-001	Granted	2025
16	Dr.Y.Vishnu Tej R Venkata Ramana	personalizedHealthcare System Using Federated Learning for secure and private Patient monitoring	202541010634	Published	14/2/2025
17	Dr.A.Revathi N Phani Kumar	Automated Deep Learning Framework For Predictive Analytics In Multi-Domain Applications	202541023302	Published	28/3/2025
18	Dr.A.Revathi N Phani Kumar	Intelligent Edge Computing With Federated Machine Learning For Privacy-Preserving Data Processing	202541023301	Published	28/3/2025
19	Dr.A.Revathi N Phani Kumar	System And Method For Adaptive Neural Network Optimization Using Reinforcement Learning Techniques	202541023303	Published	21/3/2025
20	Dr.Y A Sivaprasad	AI Based Virtual Reality (Vr) Device	451861-001	Granted	18/3/2025
21	Dr.S.Sajida	AI Powered Realtime Language Transalation and Learning Platform for Multilingual Education	202541032742	Published	25/4/2025
22	N.Narendra Reddy	Automated obstacles detecting wheelchair	450842-001	Granted	11/6/2025

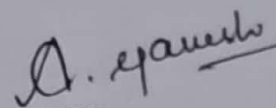


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S. No	Name of the Faculty	Title	Application No	Status	Date
23	Dr.Y A Sivaprasad	wireless electric vehicle charger	451760-001	Published	28/5/2025


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S. No	Name of the Faculty	Title	Application No	Status	Date
1	Dr.R.Suresh B.Vijaya D.Anusha K.Kavitha G.SeshadriSekhar V.Deepika	lot Based Face Mask Detection	388241-001	Granted	13/6/2023
2	Dr.R.Suresh	Implementation Of Interpretable Machine Learning Models For Improving Bug Assignment And Developer Allocation In Software Engineering	202341045468	Published	1/9/2023
3	M.Chandrakala N.Narayanamma	lot-Enabled Analytic Hierarchy Process (Ahp) Approach For Prioritizing Human Engineering-Based Healthcare Issues In Online Learning:Insights From lot-Related Factors.	202341049854	Published	1/9/2023
4	Dr.Y.A.Siva Prasad	Design And Fabrication Of Cnc Graphic Tablet Using Arduino Board	202341052878	Published	6/10/2023
5	Dr.A.Ganesh Dr.A.Saritha Mr.B.Ramakantha Reddy	Method And Apparatus For Transceiving Signal In 6g Wireless Communication Networks Using Machine Learning and Artificial Intelligence	202341063596	Published	6/10/2023
6	Dr.A.Revathi	Smart Electronic Sanitizer Dispensing Device	202341062596	Published	30/01/2024
7	Dr.Y.A.Siva Prasad	Autonomous Agri Rover	398116-001	Granted	20/10/2023
8	M.Chandrakala	Design Of An Intelligent Glasses Based Gadget Assistive System For The Blind People By Using Tensor	202341068673	Published	3/11/2023
9	Jasmine Sabeena	Bionic Arm For Left Arm Amputees	400400-001	Granted	21/11/2023
10	Dr.N.Sudhakar Reddy	Automated Device For Brain Tumour Detection	6328750	Granted	30/11/2023
11	Jasmine Sabeena	lot Based Bio fertilizer And Bio-control Device For Agriculture Is Filled Successfully .	405523-001	Granted	24/01/2024
12	Dr.M.Vikram D.Shahin	Artificial Intelligence Based Data Leakage Prevention System For Organizations And Individuals Using Block Chain And Machine Learning Algorithms	202441005521	Published	9/2/2024



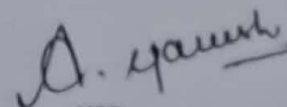


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13	N.Narayanamma P.Lakshmi P.VasanthaKumari	Revolutionizing Healthcare Operations: Applications, Benefits AndChallenges Of Big Data Analytics For Efficient Diagnoses, Cost Reduction And Personalized Patient Care	202441005418 A	Published	9/2/2024
14	N.Narendra Reddy	Machine Learning-Based Approach For Optimizing Medication Dosage And Delivery Using Iot Data	202441006562	Published	9/2/2024
15	N.Narendra Reddy	System And Method For Tracking And Managing Chronic Diseases UsingIot And Machine Learning	202441006903	Published	1/3/2024
16	Dr.T.Sree Lakshmi	Smart Iot Necklace For Womens Safety And Protection	202441019661	Published	29/3/2024
17	Dr.P.Prathusha	Intelligence Shopping Cart For Tracking Product	6339732	Granted	11/3/2024
18	Dr A Ganesh	Iot - Enabled Smart Drip Irrigation For Precision Agriculture: A Comprehensive Solution For Optimal Crop Growth	202441011578	Published	8/3/2024
19	B. Ramakantha Reddy	AI-Driven Smart Electric Wheel Chair	202441017564 A	Published	22/03/2024
20	DrKeerthipati Kumar	Artificial Intelligence Based Multimodal Image Reconstruction System	202441039570	Published	31/5/2024


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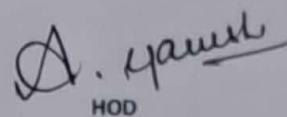
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1	Suresh P	Deep Learning Based Approach To Analyze The Growth Of Mushroom Per Quantity Of Seeds And Factors Impacting Their Yield.	202211035284 A	Published	1/7/2022
2	V.Deepika	Artificial Intelligence Algorithm Utilized Intelligent Accident Indication System To The Risk Team Using Thriving Cloud Computing.	202241072503	Published	15/8/2022
3	Dr.A.Revathi	Deep Learning Based Early Severity Detection Framework For Diagnosis Of Covid-19 By Using Long Non Coding Rna Sequence	202241045332	Published	19/10/2022
4	Dr.K.Santhi	Implementation Of Artificial Intelligence Based Techniques For Analysis Of The Role Of Travel And Tourism And Hospitality In Economic Growth Of An Organization.	202241014696	Published	5/5/2023


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Books Published in Last three years 2024-25

S. No	Name of the faculty	Title of the Book	Name of the Publisher	Year	ISBN Number
1	R.Venkata Ramana	Python programming	REST	2024	978-81-968047-6-3
2	Dr.A.Saritha	Natural Language processing concepts and techniques	SIPH	2024	978-93-6674-683-8
3	Dr.Y.Vishnu tej	Document Oriented database	Kalyani	2024	978-81-9760-374-7
4	I.Madhavi Latha	Foundations of deep learning theory and applications	Phytoelectron Technologies	2024	978-81-981700-5-7
5	Dr. Jasmine Sabeena	Deep Learning Technique For Monitoring Drivers Distraction From Physiological And Visual Signals	Futuristic Trends in Artificial Intelligence	2024	978-93-6252-373

2023-24

S. No	Name of the faculty	Title of the Book	Name of the Publisher	Year	ISBN Number
1	Dr R Suresh	Artificial Intelligence	Charulatha	2023	978-93-5577-684-6
2	B.Vijaya M.Chandrakala	Basics of Artificial Intelligence and Machine Learning	SCIRO	2023	978-93-5913-345-4
3	Dr. Jasmine Sabeena	Mastering Natural Language Processing: A Comprehensive Guide	Notion Press	2023	979-8891862210





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2022-23

S. No	Name of the faculty	Title of the Book	Name of the Publisher	Year	ISBN Number
1	Dr K.Shanthi	Fundamentals of Data Analytics	Deccan International Academic Publishers	2022	978-81 961690-4-6

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Ph.D Pursuing during the assessment period while working in the institute

2024-25

S No.	Name of candidate
1	G.T.PRASANNA KUMARI
1	B VIJAYA
2	I MADHAVILATHA
3	N DIVYA
4	P LAKSHMI
5	N NARAYANAMMA
6	M CHANDRAKALA
9	J.OMKAR REDDY
10	T SANTOSH KUMAR REDDY
11	V SANDEEP KUMAR REDDY
12	SURESH P
14	S.MOHAMMAD RAFI
15	G SESHADRI SEKHAR
16	B.RAMAKANTH REDDY

2023-24

S No.	Name of candidate
1	G.T.PRASANNA KUMARI
1	B VIJAYA
2	I MADHAVILATHA
3	N DIVYA
4	V SANDEEP KUMAR REDDY
5	S.MOHAMMAD RAFI
6	G SESHADRI SEKHAR
7	B.RAMAKANTH REDDY

2022-23

S No.	Name of candidate
1	G.T.PRASANNA KUMARI
1	B VIJAYA
2	A.SARITHA
3	M.VIKRAM
4	A.GANESH
5	A.REVATHI
6	B.RAMAKANTH REDDY


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