

NARASARAOPETA ENGINEERING COLLEGE : : NARASARAOPET
(AUTONOMOUS)

Department of Computer Science & Engineering

List of Patents: Published /Granted by our Faculty (A.Y. 2024 - 2025)

S. No.	Name of the Faculty	Title of the Patents	Application No	Date of Filing	Published Date	Granted Date
1	G.Saranya	AI-Based Real-Time Traffic Monitoring and Management System	202441100184	17/12/2024	1/3/2025	
	M.Mounika Naga Bhavani	AI-Based Real-Time Traffic Monitoring and Management System	202441100184	17/12/2024	1/3/2025	
	Ch.Rajani	AI-Based Real-Time Traffic Monitoring and Management System	202441100184	17/12/2024	1/3/2025	
	SK.Khaja Mohiddin Basha	AI-Based Real-Time Traffic Monitoring and Management System	202441100184	17/12/2024	1/3/2025	
	T G Ramnadh babu	AI-Based Real-Time Traffic Monitoring and Management System	202441100184	17/12/2024	1/3/2025	
	M.Suneetha	AI-Based Real-Time Traffic Monitoring and Management System	202441100184	17/12/2024	1/3/2025	
	M.Sathyam Reddy	AI-Based Real-Time Traffic Monitoring and Management System	202441100184	17/12/2024	1/3/2025	
	M.Venkata Rao	AI-Based Real-Time Traffic Monitoring and Management System	202441100184	17/12/2024	1/3/2025	
	K.V.Narasimha Reddy	AI-Based Real-Time Traffic Monitoring and Management System	202441100184	17/12/2024	1/3/2025	
	M Koteswara Rao	AI-BASED TRAFFIC FLOW OPTIMIZATION SYSTEM FOR URBAN PLANNING	202441100185	17/12/2024	1/3/2025	
	N.Vijaya Kumar	AI-BASED TRAFFIC FLOW OPTIMIZATION SYSTEM FOR URBAN PLANNING	202441100185	17/12/2024	1/3/2025	
	V.Karuna Kumar	AI-BASED TRAFFIC FLOW OPTIMIZATION SYSTEM FOR URBAN PLANNING	202441100185	17/12/2024	1/3/2025	

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M SURESH	AI-BASED TRAFFIC FLOW OPTIMIZATION SYSTEM FOR URBAN PLANNING	202441100185	17/12/2024	1/3/2025	
ABBURI RAMESH	AI-BASED TRAFFIC FLOW OPTIMIZATION SYSTEM FOR URBAN PLANNING	202441100185	17/12/2024	1/3/2025	
Dodda Venkata Reddy	AI-BASED TRAFFIC FLOW OPTIMIZATION SYSTEM FOR URBAN PLANNING	202441100185	17/12/2024	1/3/2025	
Dr.S.N.Tirumala Rao	AI-BASED TRAFFIC FLOW OPTIMIZATION SYSTEM FOR URBAN PLANNING	202441100185	17/12/2024	1/3/2025	

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Dr. V.V.A.S.Lakshmi	Privacy-Preserving Data Sharing Protocol Using Differential Privacy	202441100243	18/12/2024	1/3/2025	
P.V.Satheesh Kumar	Privacy-Preserving Data Sharing Protocol Using Differential Privacy	202441100243	18/12/2024	1/3/2025	
G.Jeevana Manikanta	Privacy-Preserving Data Sharing Protocol Using Differential Privacy	202441100243	18/12/2024	1/3/2025	
G.Mahesh Babu	Privacy-Preserving Data Sharing Protocol Using Differential Privacy	202441100243	18/12/2024	1/3/2025	
Dr.N.Ravi Babu	Privacy-Preserving Data Sharing Protocol Using Differential Privacy	202441100243	18/12/2024	1/3/2025	
N.Siva Rama Krishna	Privacy-Preserving Data Sharing Protocol Using Differential Privacy	202441100243	18/12/2024	1/3/2025	
G.Nageswara Rao	Privacy-Preserving Data Sharing Protocol Using Differential Privacy	202441100243	18/12/2024	1/3/2025	
M.Sai Yaswanth	Privacy-Preserving Data Sharing Protocol Using Differential Privacy	202441100243	18/12/2024	1/3/2025	
D.Srikanth	Privacy-Preserving Data Sharing Protocol Using Differential Privacy	202441100243	18/12/2024	1/3/2025	
A.Veema Rao	Privacy-Preserving Data Sharing Protocol Using Differential Privacy	202441100243	18/12/2024	1/3/2025	

4	Dr.K.Suresh Babu	Intelligent Cybersecurity Threat Detection Using Federated Machine Learning	202441101714	12/22/2024	1/3/2025	
	Dr.Rama Krishna Eluri	Intelligent Cybersecurity Threat Detection Using Federated Machine Learning	202441101714	12/22/2024	1/3/2025	
	Dr. K. Soma Sekhar	Intelligent Cybersecurity Threat Detection Using Federated Machine Learning	202441101714	12/22/2024	1/3/2025	
	Dr.B.Jhnasi Vazram	Intelligent Cybersecurity Threat Detection Using Federated Machine Learning	202441101714	12/22/2024	1/3/2025	
	Dr.K.LakshmiNadh	Intelligent Cybersecurity Threat Detection Using Federated Machine Learning	202441101714	12/22/2024	1/3/2025	
	Dr.R.Sathees Kumar	Intelligent Cybersecurity Threat Detection Using Federated Machine Learning	202441101714	12/22/2024	1/3/2025	
	Dr.S.V.N. Sreenivasu	Intelligent Cybersecurity Threat Detection Using Federated Machine Learning	202441101714	12/22/2024	1/3/2025	
	Dr.S.Siva Nageswara Rao	Intelligent Cybersecurity Threat Detection Using Federated Machine Learning	202441101714	12/22/2024	1/3/2025	
	Dr.Sireesha Moturi	Intelligent Cybersecurity Threat Detection Using Federated Machine Learning	202441101714	12/22/2024	1/3/2025	
	Malisetty Revathi	Intelligent Cybersecurity Threat Detection Using Federated Machine Learning	202441101714	12/22/2024	1/3/2025	
	Dr S.V.N.Sreenivasu	Cloud-Based Decentralized Authentication System For IoT Devices	202441101715	12/22/2024	1/3/2025	
	Dr S.Sivanageswara Rao	Cloud-Based Decentralized Authentication System For IoT Devices	202441101715	12/22/2024	1/3/2025	
	Dr Sireesha M	Cloud-Based Decentralized Authentication System For IoT Devices	202441101715	12/22/2024	1/3/2025	
	Dr K.Suresh Babu	Cloud-Based Decentralized Authentication System For IoT Devices	202441101715	12/22/2024	1/3/2025	

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Dr Rama Krishna Eluri	Cloud-Based Decentralized Authentication System For IoT Devices	202441101715	12/22/2024	1/3/2025	
Dr K.Somasekhar	Cloud-Based Decentralized Authentication System For IoT Devices	202441101715	12/22/2024	1/3/2025	
Dr B.Jhansi Vazram	Cloud-Based Decentralized Authentication System For IoT Devices	202441101715	12/22/2024	1/3/2025	
Dr K.Lakshminadh	Cloud-Based Decentralized Authentication System For IoT Devices	202441101715	12/22/2024	1/3/2025	
Dr R.Sathees Kumar	Cloud-Based Decentralized Authentication System For IoT Devices	202441101715	12/22/2024	1/3/2025	
Dr S.N.Tirumala Rao	Cloud-Based Decentralized Authentication System For IoT Devices	202441101715	12/22/2024	1/3/2025	

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Dr Rama Krishna Eluri	Hybrid Quantum-Classical Algorithm for Optimized Computational Tasks	202441101713	12/22/2024	1/3/2025	
Dr K.Somasekhar	Hybrid Quantum-Classical Algorithm for Optimized Computational Tasks	202441101713	12/22/2024	1/3/2025	
Dr B.Jhansi Vazram	Hybrid Quantum-Classical Algorithm for Optimized Computational Tasks	202441101713	12/22/2024	1/3/2025	
Dr K.Lakshminadh	Hybrid Quantum-Classical Algorithm for Optimized Computational Tasks	202441101713	12/22/2024	1/3/2025	
Dr R.Sathees Kumar	Hybrid Quantum-Classical Algorithm for Optimized Computational Tasks	202441101713	12/22/2024	1/3/2025	
Dr S.V.N.Sreenivasu	Hybrid Quantum-Classical Algorithm for Optimized Computational Tasks	202441101713	12/22/2024	1/3/2025	
Dr S.Sivanageswara Rao	Hybrid Quantum-Classical Algorithm for Optimized Computational Tasks	202441101713	12/22/2024	1/3/2025	
Dr Sireesha M	Hybrid Quantum-Classical Algorithm for Optimized Computational Tasks	202441101713	12/22/2024	1/3/2025	

	Dr K.Suresh Babu	Hybrid Quantum-Classical Algorithm for Optimized Computational Tasks	202441101713	12/22/2024	1/3/2025	
	Ch.Rajani	Hybrid Quantum-Classical Algorithm for Optimized Computational Tasks	202441101713	12/22/2024	1/3/2025	
7	Dr R.Sathees Kumar	Automated Construction Monitoring System Using Computer Vision	202441102393	12/24/2024	10/1/2025	
	Dr S.V.N.Sreenivasu	Automated Construction Monitoring System Using Computer Vision	202441102393	12/24/2024	10/1/2025	
	Dr S.Sivanageswara Rao	Automated Construction Monitoring System Using Computer Vision	202441102393	12/24/2024	10/1/2025	
	Dr Sireesha M	Automated Construction Monitoring System Using Computer Vision	202441102393	12/24/2024	10/1/2025	
	Dr K.Suresh Babu	Automated Construction Monitoring System Using Computer Vision	202441102393	12/24/2024	10/1/2025	
	Dr Rama Krishna Eluri	Automated Construction Monitoring System Using Computer Vision	202441102393	12/24/2024	10/1/2025	
	Dr K.Somasekhar	Automated Construction Monitoring System Using Computer Vision	202441102393	12/24/2024	10/1/2025	
	Dr B.Jhansi Vazram	Automated Construction Monitoring System Using Computer Vision	202441102393	12/24/2024	10/1/2025	
	Dr K.Lakshminadh	Automated Construction Monitoring System Using Computer Vision	202441102393	12/24/2024	10/1/2025	
	M.Sampath Kumar	Automated Construction Monitoring System Using Computer Vision	202441102393	12/24/2024	10/1/2025	
	Dr K.Somasekhar	Scalable Data Compression Technique for High-Volume Data Processing	202441101802	12/23/2024	10/1/2025	
	Dr B.Jhansi Vazram	Scalable Data Compression Technique for High-Volume Data Processing	202441101802	12/23/2024	10/1/2025	

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Dr K.Lakshminadh	Scalable Data Compression Technique for High-Volume Data Processing	202441101802	12/23/2024	10/1/2025	
Dr R.Sathees Kumar	Scalable Data Compression Technique for High-Volume Data Processing	202441101802	12/23/2024	10/1/2025	
Dr S.V.N.Sreenivasu	Scalable Data Compression Technique for High-Volume Data Processing	202441101802	12/23/2024	10/1/2025	
Dr S.Sivanageswara Rao	Scalable Data Compression Technique for High-Volume Data Processing	202441101802	12/23/2024	10/1/2025	
Dr Sireesha M	Scalable Data Compression Technique for High-Volume Data Processing	202441101802	12/23/2024	10/1/2025	
Dr K.Suresh Babu	Scalable Data Compression Technique for High-Volume Data Processing	202441101802	12/23/2024	10/1/2025	
Dr Rama Krishna Eluri	Scalable Data Compression Technique for High-Volume Data Processing	202441101802	12/23/2024	10/1/2025	
Dr S.N.Tirumala Rao	Scalable Data Compression Technique for High-Volume Data Processing	202441101802	12/23/2024	10/1/2025	

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Dr Sireesha M	Machine Learning -Powered Predictive Analysis Platform For Health Monitoring	202441101859	12/23/2024	10/1/2025	
Dr K.Suresh Babu	Machine Learning -Powered Predictive Analysis Platform For Health Monitoring	202441101859	12/23/2024	10/1/2025	
Dr Rama Krishna Eluri	Machine Learning -Powered Predictive Analysis Platform For Health Monitoring	202441101859	12/23/2024	10/1/2025	
Dr K.Somasekhar	Machine Learning -Powered Predictive Analysis Platform For Health Monitoring	202441101859	12/23/2024	10/1/2025	
Dr B.Jhansi Vazram	Machine Learning -Powered Predictive Analysis Platform For Health Monitoring	202441101859	12/23/2024	10/1/2025	
Dr K.Lakshminadh	Machine Learning -Powered Predictive Analysis Platform For Health Monitoring	202441101859	12/23/2024	10/1/2025	

	Dr R.Sathees Kumar	Machine Learning -Powered Predictive Analysis Platform For Health Monitoring	202441101859	12/23/2024	10/1/2025	
	Dr S.V.N.Sreenivasu	Machine Learning -Powered Predictive Analysis Platform For Health Monitoring	202441101859	12/23/2024	10/1/2025	
	Dr S.Sivanageswara Rao	Machine Learning -Powered Predictive Analysis Platform For Health Monitoring	202441101859	12/23/2024	10/1/2025	
	D.Venkata Reddy	Machine Learning -Powered Predictive Analysis Platform For Health Monitoring	202441101859	12/23/2024	10/1/2025	
10	Dr K.Lakshminadh	Sustainable Water Management System Using Machine Learning for Resource Allocation	202441101860	12/23/2024	10/1/2025	
	Dr R.Sathees Kumar	Sustainable Water Management System Using Machine Learning for Resource Allocation	202441101860	12/23/2024	10/1/2025	
	Dr S.V.N.Sreenivasu	Sustainable Water Management System Using Machine Learning for Resource Allocation	202441101860	12/23/2024	10/1/2025	
	Dr S.Sivanageswara Rao	Sustainable Water Management System Using Machine Learning for Resource Allocation	202441101860	12/23/2024	10/1/2025	
	Dr Sireesha M	Sustainable Water Management System Using Machine Learning for Resource Allocation	202441101860	12/23/2024	10/1/2025	
	Dr K.Suresh Babu	Sustainable Water Management System Using Machine Learning for Resource Allocation	202441101860	12/23/2024	10/1/2025	
	Dr Rama Krishna Eluri	Sustainable Water Management System Using Machine Learning for Resource Allocation	202441101860	12/23/2024	10/1/2025	
	Dr K.Somasekhar	Sustainable Water Management System Using Machine Learning for Resource Allocation	202441101860	12/23/2024	10/1/2025	
	Dr B.Jhansi Vazram	Sustainable Water Management System Using Machine Learning for Resource Allocation	202441101860	12/23/2024	10/1/2025	
	Paramathmuni Mallika	Sustainable Water Management System Using Machine Learning for Resource Allocation	202441101860	12/23/2024	10/1/2025	

11	Dr B.Jhansi Vazram	Blockchain-Powered Secure Voting System for Enhanced Election Integrity	202441101858	12/23/2024	10/1/2025	
	Dr K.Lakshminadh	Blockchain-Powered Secure Voting System for Enhanced Election Integrity	202441101858	12/23/2024	10/1/2025	
	Dr R.Sathees Kumar	Blockchain-Powered Secure Voting System for Enhanced Election Integrity	202441101858	12/23/2024	10/1/2025	
	Dr S.V.N.Sreenivasu	Blockchain-Powered Secure Voting System for Enhanced Election Integrity	202441101858	12/23/2024	10/1/2025	
	Dr S.Sivanageswara Rao	Blockchain-Powered Secure Voting System for Enhanced Election Integrity	202441101858	12/23/2024	10/1/2025	
	Dr Sireesha M	Blockchain-Powered Secure Voting System for Enhanced Election Integrity	202441101858	12/23/2024	10/1/2025	
	Dr K.Suresh Babu	Blockchain-Powered Secure Voting System for Enhanced Election Integrity	202441101858	12/23/2024	10/1/2025	
	Dr Rama Krishna Eluri	Blockchain-Powered Secure Voting System for Enhanced Election Integrity	202441101858	12/23/2024	10/1/2025	
	Dr K.Somasekhar	Blockchain-Powered Secure Voting System for Enhanced Election Integrity	202441101858	12/23/2024	10/1/2025	
	J.Syam Babu	Blockchain-Powered Secure Voting System for Enhanced Election Integrity	202441101858	12/23/2024	10/1/2025	
	Dr S.Sivanageswara Rao	Adaptive Neural Network Framework For Personalized E-Learning Solutions	202441102247	12/23/2024	10/1/2025	
	Dr Sireesha M	Adaptive Neural Network Framework For Personalized E-Learning Solutions	202441102247	12/23/2024	10/1/2025	
	Dr K.Suresh Babu	Adaptive Neural Network Framework For Personalized E-Learning Solutions	202441102247	12/23/2024	10/1/2025	
	Dr Rama Krishna Eluri	Adaptive Neural Network Framework For Personalized E-Learning Solutions	202441102247	12/23/2024	10/1/2025	

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Dr K.Somasekhar	Adaptive Neural Network Framework For Personalized E-Learning Solutions	202441102247	12/23/2024	10/1/2025	
Dr B.Jhansi Vazram	Adaptive Neural Network Framework For Personalized E-Learning Solutions	202441102247	12/23/2024	10/1/2025	
Dr K.Lakshminadh	Adaptive Neural Network Framework For Personalized E-Learning Solutions	202441102247	12/23/2024	10/1/2025	
Dr R.Sathees Kumar	Adaptive Neural Network Framework For Personalized E-Learning Solutions	202441102247	12/23/2024	10/1/2025	
Dr S.V.N.Sreenivasu	Adaptive Neural Network Framework For Personalized E-Learning Solutions	202441102247	12/23/2024	10/1/2025	
Y.Chandana	Adaptive Neural Network Framework For Personalized E-Learning Solutions	202441102247	12/23/2024	10/1/2025	

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Dr.V.V.A.S.Lakshmi	Augmented Reality-Driven Training Platform for Interactive Coding Education	202441100183	17/12/2024	1/3/2025	
G.Jeevana Manikanta	Augmented Reality-Driven Training Platform for Interactive Coding Education	202441100183	17/12/2024	1/3/2025	
G.Mahesh Babu	Augmented Reality-Driven Training Platform for Interactive Coding Education	202441100183	17/12/2024	1/3/2025	
N.Siva Rama Krishna	Augmented Reality-Driven Training Platform for Interactive Coding Education	202441100183	17/12/2024	1/3/2025	
D.Uma Sankar	Augmented Reality-Driven Training Platform for Interactive Coding Education	202441100183	17/12/2024	1/3/2025	
P.V.Satheesh Kumar	Augmented Reality-Driven Training Platform for Interactive Coding Education	202441100183	17/12/2024	1/3/2025	
M.Sai Yaswanth	Augmented Reality-Driven Training Platform for Interactive Coding Education	202441100183	17/12/2024	1/3/2025	
P.Srinivasa Rao	Augmented Reality-Driven Training Platform for Interactive Coding Education	202441100183	17/12/2024	1/3/2025	

	A.Veema Rao	Augmented Reality-Driven Training Platform for Interactive Coding Education	202441100183	17/12/2024	1/3/2025	
	Ch.Padma	Augmented Reality-Driven Training Platform for Interactive Coding Education	202441100183	17/12/2024	1/3/2025	
14	G. Saranya	ML AND IOT IN AGRICULTURE: PRECISION CROP RECOMMENDATION BASED ON RAINFALL	202411061647	14/08/2024	30/08/2024	