Post-Doctoral Experience Guidance

(Co-Supervisors: Prof. Siva Shankar S, Associate Professor, Department of CSE- AI & MLKG Reddy College of Engineering and Technology, Telengana, India; and Prof. Prasun Chakrabarti, Director, Directorate of Research and Publications and Dean (International Affairs); Sir Padampat Singhania University, Udaipur, Rajasthan.)

Dr. K Gurnadha Gupta: Deep learning-based optimization technique for cloud security using data analytics. (Completed, 1-Sep-2024)
Dr. J Seetha: Prediction of infectious diseases using data analytics and artificial intelligence. (Completed, 26-Dec-2024)
Dr. Vishal Goyal: Artificial intelligence-based big data analytics for an intelligent system in smart city applications. (Completed, 31-Dec-2024)
Dr. Kamal Sharma: An optimized deep learning encrypted data analytic framework for renewable energy-based smart grid. (Completed 31-Dec-2024)
Dr. S Sajithra Varun: Role of artificial intelligence in the detection and diagnosis of cancer.
Dr. S Sreenath Kashyap: Artificial ant lion optimization-based random forest for accurately detecting plant diseases. (Completed, 26-Dec-2024)
Dr. J. Somasekar: Machine learning techniques for recommendation system based on collaborative filtering. (Completed Dec 2024)
Dr. Muralidhar K: Improving the computing capability of mobile nodes in MANETs through intelligent selection of mobile cloud.
Dr. B. Umamaheswararao: Big data analytics using machine learning in cyber-physical systems. (Completed, 31-Dec-2024)
Dr. Sivanagireddy Kalli: An optimization-based machine learning framework for automatic detection of COVID-19 using CT and X-ray images. (Completed, 26-Dec 2024)
Dr. V Daya Sagar Ketaraju: Deep learning and medical image analysis methods for detecting brain tumors. (Completed, 26-Dec 2024)
Dr. Radhika R: Crop yield prediction model using RNN for sustainable development of agriculture.
Dr. D. Nagaraju: Deep learning model for human activity recognition using healthcare data.
Dr. T. Sunil Kumar Reddy: Adaptive scheduling algorithm for resource management in the Internet of Things.
Dr. R. Raja Kumar: Study, investigation, risk analysis, predicting, and developing the framework for diabetic retinopathy using deep learning strategies. (Completed, 31-Dec-2024)
Dr. M Purushotham Reddy: Psoriasis skin image analysis using deep learning techniques. (Completed, 31-Dec-2024)
Co-Supervisors: Dr. Pravin R. Kshirsagar (DSc, Ph.D), Professor, J D College of Engineering & Management, Nagpur, Maharashtra, India. pravinrk88@yahoo.com; and Prof. Prasun Chakrabarti.

Dr. K Vijayan: An optimized machine learning-based routing protocol for IoT-enabled wireless sensor networks. (Completed, 12th July, 2024)
Dr. Subba Rao Polamuri: Exploring deep learning and GAN models for leveraging stock price prediction.
Dr. Amrit Ghosh: Investigations on Mobile IPv6.
Dr. Ankit Kumar: Revolutionizing medical education by enhancing learning with AR, VR, haptics, and 3D simulation.
Dr. Venkat P. Patil: Hybrid artificial intelligence-based techniques for healthcare application.
Dr. Shrikant V. Sonekar: Design and development of an algorithmic approach for intrusion detection in ad hoc wireless networks using artificial intelligence.
Dr. Vaishnaw Gorakhnath Kale: Cancer analysis and diagnosis using artificial intelligence.

Co-Supervisor Prof. Prasun Chakrabarti, Director, Directorate of Research and Publications and Dean (International Affairs); Sir Padampat Singhania University, Udaipur, Rajasthan, INDIA.

Dr. Nallamala Sri Hari: Cancer Prognosis
Dr. Kudipudi Srinivas: Prediction of Type 2 Diabetes using Deep Learning and Bioinformatics techniques

Dr. Nageswara Rao Moparthi: Conventional and artificial intelligence-based imaging for biomarker discovery in chronic liver disease
Dr. VidyaSagar P: Two-Stage Classification Model for the Prediction of Heart Disease Using Artificial Intelligence
Dr. G. Nanda Kishor Kumar: Prior stage diabetes prediction and response instructions to patients using deep learning techniques
Dr. Sanjay Gandhi Gundabatini: Transfer Learning Approach for AI-based Classification of Brain Tumors
Dr. Amjan Shaik: Exploring AI and Data Science-based Security and its Scope in IoT Usecases
Dr Parvathanani Rajendra Kumar: Machine learning based applications in biomedical engineering (Completed, Oct' 2024).

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Dr. Y. Ravi Kumar: "Secure and energy-efficient trust-based routing protocol for Adhoc Sensor Network" (Completed, 31-Dec-2024)
Dr. N. Sivakumar: "Design and development of Artificial Intelligence based Federated learning model for Healthcare Informatics" (Completed, 31-Dec-2024)
Dr. Karthick Raghun
ath. K.M: "Interpretable Deep Learning for Medical Image Analysis: A Novel Framework with Convolutional Neural Networks, Attention Mechanisms, and Explainable AI for Radiology Diagnosis" (Completed 31-Dec-2024)
Dr Ajmeera Kiran: "A Hybrid Fine-Tuned Optimization Framework for Securing ECG Data in AI-Driven Heart Attack Detection Systems" (Completed, 31-Dec-2024)
Dr.S.V. Devika: "MLP-CNN Based Classification and Prediction of DDOS Attacks"
Dr. Siddapuram Arvind: "Cyber Attacks Detection Based on Adopting Deep Learning for Cloud Computing"
Dr. Hemanta Kumar Bhuyan: "Improving the Local and Global feature-based image using Transformer and Generative Adversarial Network Model" (Completed, 26th Feb, 2025)

Co-Supervisors (mentioned beside candidate)
Dr. Gummadi Jose Moses, "Computer forensics in livormortis through blood using image processing" Co-Sup 1 – Prof. Prasun Chakrabarti, Co-Sup 2 - Dr. T. Sathish Kumar, Associate Professor and Head, Department of Computer Science and Engineering, Hyderabad Institute of Technology and Management, Hyderabad, India
Dr. G S Pradeep Ghantasala, "Breast cancer diagnosis using generative adversarial networks: a comparative study on GAN variants," Co-Sup-1 – Prof. Prasun Chakrabarti, Co-Sup-2 - Prof Pradeep N, Dean Academics and Professor, Bapuji Institute of Engineering and Technology, Karnataka, India
Dr. Pellakuri Vidyullatha, "Multi image based text classification using Deep Learning Techniques," Co-Sup – Prof. Prasun Chakrabarti
Dr. Ruth Ramya Kalangi, "Enhancing Cloud Security through Deep Learning based anomaly detection," Co-Sup – Prof. Prasun Chakrabarti
Dr. Venkateswarulu Naik B, "Improving Pneumonia Diagnosis in Pediatric Patients: Pediatric-specific Techniques for New Drug Discovery," Co-Sup 1 – Prof. Prasun Chakrabarti, Co-Sup 2 - Dr. Shashi Kant Dargar, Associate Professor, Department of Electronics and Communication Engineering, Kalasalingam Academy of Research and Education, India; Co-Sup 3 – Dr. Ritamshirsa Choudhuri, Department of Data Science, Techno Main Saltlake Techno India, Kolkata, West Bengal, India.
Dr Syed Ziaur Rahman, "Improved machine learning strategies for Business Intelligence using subset selection and filtering techniques," Co-Sup 1 – Prof. Prasun Chakrabarti, Co-Sup 2 – Prof. Mohammed Ali Hussain, Professor, Department of Computer Science & Engineering and Associate Dean (R & D), KL Deemed to be University, Andhra Pradesh, India
Dr. CH Naga Santhosh Kumar, "Investigations on AEERL-HACA (Artistic Expression Enhancement through Reinforcement Learning: A Human-AI Collaboration Approach)," Co-Sup 1 – Prof. Prasun Chakrabarti, Co-Sup 2 – Prof. Mohammed Ali Hussain, Professor, Department of Computer Science & Engineering and Associate Dean (R & D), KL Deemed to be University, Andhra Pradesh, India.
Dr.Supriya Nandikolla, "Crop Yield Prediction in Diverse Environmental Conditions Using Machine Learning," Co-Sup 1 – Prof. Pravin R Kshirsagar, Co-Sup 2 – Prof. Prasun Chakrabarti

Dr. Rajesh Saturi, “Enhancing CNN Model for Automatic Detection of Breast Cancer Using Histopathology Images,” Co-Sup – Prof. Prasun Chakrabarti.
Dr K A Varunkumar: “Detection and Analysis of Malicious Traffic Using Deep Learning Techniques.” Co-Sup 1 - Prof. Pravin R Kshirsagar, Co-Sup 2 - Prof. Prasun Chakrabarti
Dr. N. Srinivas Rao, “Routing protocols for maximization of network lifetime in WSN environment,” Co-Sup 1 – Prof. Prasun Chakrabarti, Co-Sup 2 – Prof. Mohammed Ali Hussain,
Dr. K. P. Srinivasakumar, “Investigations on Clinical Pharmacology for COVID vaccine – A data analytics perspective,” Co-Sup – Prof. Prasun Chakrabarti.
Dr. Eshwar Dara, “Investigations on Artificial intelligence based imbalanced techniques for big data classification,” Co-Sup 1 - Prof. Siva Shankar S, Co-Sup 2- Prof. Prasun Chakrabarti (Completed, 31-Dec-2024)
Dr. Bhaludra R Nadh Singh, “Prognosis of Skin Disease Detection using Hybrid Artificial Intelligence,” Co-Sup 1 - Prof. Pravin R Kshirsagar, Co-Sup 2- Prof. Prasun Chakrabarti
Dr. D Durga Prasad, “Hybridizing Imbalanced Data Solutions: Combining Algorithms with Ensemble Methods and Cost-Sensitive Learning for Enhanced Performance,” Co-Sup - Dr. Sri Hari Nallamala, Professor, Department of Computer Science & Engineering, Vasireddy Venkatadri Institute of Technology, Nambur, Guntur, AP, India.
Dr V. Sitharamulu, “Blockchain Ontology for Streamlining Application Development using Semantic Web Rule Language,” Co-Sup – Prof. Mohammed Ali Hussain
Dr. Chinmaya Kumar Nayak, “Optimization of Energy in WSN using AI,” Co-Sup - Prof. Pravin R Kshirsagar,
Dr. Balajee Maram, “Glaucoma detection using hybrid architecture based on deep neuro fuzzy network and Nature-Inspired Optimization Algorithms,” Co-Sup - Prof. Pravin R Kshirsagar

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Dr. Naidana Krishna Santosh, Assistant Professor, Department of Computer Science and Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, India. “Advanced Classification of Retinopathy of Prematurity (ROP) Using Attention-Enhanced Deep Learning Techniques,” krishna.santosh10@gmail.com. Co-Sup - Prof. Prasun Chakrabarti
Dr. Mazher Sarfaraz Khan, Assistant Professor, Department of Electronics and computer Engineering Maharashtra Institute of technology, Aurangabad, India. mazher.engg@gmail.com. “Optimizing type II diabetes prediction: tackling data quality, feature selection, and generalization challenges in electronic health records,” Co-Sup 1 – Prof. Mohammed Ali Hussain, Co-Sup 2 – Prof. Prasun Chakrabarti
Dr. Amairullah Khan Lodhi, Professor and Dean (Research & Development) Department of Electronics & Communication Engineering, Shadan College of Engineering & Technology, Hyderabad. dean.rnd.scet@gmail.com. “Enhanced Routing Security and Performance Through Clustering in MANETs,” Co-Sup 1 – Prof. Mohammed Ali Hussain, Co-Sup 2 – Prof. Prasun Chakrabarti

Dr Valli Madhavi Koti, Principal, GIET Degree College, Rajahmundry, India. vallimbandi@gmail.com,”Enhancing Transparency and Trust in Embryo Selection: An Explainable AI Approach for Assisted Reproductive Technology (ART)“ Co-Sup 1 – Prof. Mohammed Ali Hussain, Dean R & D, Sreenidhi University, Hyderabad. Email deanresearch@sreenidhi.edu.in; Co-Sup 2 – Prof. Prasun Chakrabarti.
Dr. PVN Rajeswari, “Topic - Developing a Federated Learning-Based Intrusion Detection System for Multi-Organizational Environments to Enhance Data Privacy and Security." Co-Supervisor-1– Prof. Mohammed Ali Hussain , Co-Supervisor 2 - Prof. Prasun Chakrabarti

Dr Potnuri Suribabu, KMM Institute of Technology, Tirupati, India. sknpotnuri@gmail.com. Topic: "Quantum-Inspired Cryptographic Protocols for Secure and Resilient Cloud Data Protection"; Co-Sup 1: Dr. Amjan Shaik, Professor of CSE and Dean R & D, St.Peters Engineering College, Hyderabad. India. amjansrs@gmail.com; Co-Sup 2: Prof. Prasun Chakrabarti.
Dr Jagadeesh Bodapati, Professor, BVC College of Engineering(A), Rajamundry, India. bjagadeesh2020@gmail.com. Co-Sup 1: Dr. Amjan Shaik, Professor of CSE and Dean R & D, St.Peters Engineering College, Hyderabad. India. amjansrs@gmail.com; Co-Sup 2: Prof. Prasun Chakrabarti.
Dr. Gujju Bhaskar Rao, Vice President, Department of AI & ML, Bilvantis Technologies, Hyderabad. “Accelerating Software Development with Generative AI, Knowledge Graphs and Autonomous Agents”, bhaskarrao.g@gmail.com. Co-Sup 1: Dr. Amjan Shaik, Professor of CSE and Dean R & D, St.Peters Engineering College, Hyderabad. India. amjansrs@gmail.com; Co-Sup 2: Prof. Prasun Chakrabarti.

Dr. Mohammed Abdul Azeem, Associate Professor, Department of Computer Science and Engineering Maturi Venkata Subba Rao (MVSR) Engineering College, Hyderabad. azeem_cse@mvsrec.edu.in. "An AI-Driven Data Science Approach for Enhancing Intrusion Detection in IoT Use Cases." Co-Sup 1 – Prof. Amjan Shaik, Professor of CSE and Dean R&D Cell, St. Peter's Engineering College, Hyderabad, amjansrs@gmail.com. Co-Sup 2 – Prof. Prasun Chakrabarti.
Dr. Thangjam Ravichandra Singh, Associate Professor, Alliance School of Business, Alliance University. "Strategic business process optimizations using AI-driven innovations to create a significant competitive advantage for organizations." Co-Sup 1 - Prof Prasun Chakrabarti, Co-Sup 2- Prof. Siva Shankar S.

Dr. Vikrant Chole, Associate Professor, Amity University Gwalior, "Integrating Hybrid Deep Learning Techniques in AI-Powered Gaming Systems: A Research Perspective" vikrantchole@gmail.com; Co-Sup-1 Dr Chandrashekhar Goswami, Sir Padampat Singhania University, cmgoswami358@gmail.com; Co-sup 2 – Prof. Prasun Chakrabarti
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Dr. V Vidyasagar, SVKM's Narsee Monjee Institute of Management Studies (NMIMS), Hyderabad, India. vidyasagar.voorugonda@nmims.edu, vidyasagar24@gmail.com. "Investigations into Statistical Foundations for Enhancing Machine Learning Model Performance and Robustness" Co-Sup-1: Dr. M Kavitha, Koneru, India. mkavita@kluniversity.in; Co-sup-2 Prof. Prasun Chakrabarti
Dr. Himani Bansal, Jaypee Institute of Information Technology, Noida, India. "A Novel Approach to Efficient Machine Unlearning in Federated Systems: Methods, Challenges, and Opportunities," Co-Sup 1 Dr. Dilip Kumar Jang Bahadur Saini, dilipsaini@gmail.com; Co-Sup 2: Dr.Pooja Sharma, DY Patil University, poojasharma861984@gmail.com, Co-Sup 3: Prof Prasun Chakrabarti.

Co-sup 1 - Dr. Pravin R. Kshirsagar (DSc, Ph.D), Professor, J D College of Engineering & Management, Nagpur, Maharashtra, India. pravinrk88@yahoo.com

Dr. Bendi Venkata Ramana, "Exploring the Applications and Challenges of Machine Learning in Medical Advancements" Co-sup-2 - Prof. Salim A Chavan, Govindrao Wanjari College of Engineering and Technology, Nagpur-441204, Maharashtra, India
Dr. Boddu Raja Sarath Kumar, Critical analysis of the latest trends and advancements in Artificial Intelligence and its practical implementation in optimizing medical processes, Co-sup-2 - Prof. Salim A Chavan, Govindrao Wanjari College of Engineering and Technology, Nagpur-441204, Maharashtra, India
Dr. J. Avanija, Development of an Intelligent and Optimized Deep Learning Model for Accurate Dyslexia Prediction using Scientific Methods, Co-sup-2 - Prof. Prabhakar D. Khandait, Professor & Head, K.D.K, College of Engineering, Nagpur, Maharashtra, PIN- 440024 India
Dr. K. Reddy Madhavi, Design and Development of Deep Model for Dementia Prediction using Optimization Algorithms, Co-sup-2 - Prof. Prabhakar D. Khandait, Professor & Head, K.D.K, College of Engineering, Nagpur, Maharashtra, India
Dr Ramamani Tripathy, Leveraging Network Biology to Identify Key Driver Proteins Influencing Cholesterol Metabolism and Design Targeted Therapeutic Strategies, Co-sup-2 – Associate Prof. Kamal Upreti, Department of Computer Science, School of Sciences, CHRIST (Deemed to be University), Ghaziabad, India.
Dr Rudra Kalyan Nayak, Advanced Machine Learning Frameworks for Optimized Financial Trend Analysis, Co-sup-2 – Associate Prof. Kamal Upreti, Department of Computer Science, School of Sciences, CHRIST (Deemed to be University), Delhi-NCR, Ghaziabad, Uttar Pradesh, India.
Dr. Vishal Ratansing Patil, Use of computational methods for handwriting analysis and handwriting recognition, personality prediction and emotion detection. Co-sup-2–Prof.R.Thiagarajan, Professor, Department of Information Technology, Prathyusha Engineering College, Thirruvallur, rthiyagarajanpt@gmail.com
Dr. Yogesh Jadhav, Advancements in Deep Learning for Automated Breast Cancer Detection and Diagnosis. Co-sup-2–Prof. R. Thiagarajan
Dr. A. Arulmurugan, Enhancing the Security of Wireless Sensor Networks Using Metaheuristic Algorithms and Artificial Intelligence. Co-sup-2–Prof.R.Thiagarajan

Dr. Ajanthaa Lakkshmanan, Classification of Pancreatic Tumors Using a Modified Echo State Network-Based Pufferfish Optimization Algorithm Co-sup-2– Prof. R.Thiagarajan
Dr.M.K.Vidhyalakshmi, "Enhancing Single shot Unsupervised Domain Adaptation for Inter-Camera Person Re-identification," Co-sup-2–Prof.R.Thiagarajan
Dr. S. Arunkumar, "Efficient Node Localization Using Enhanced Butterfly Optimization Based Clustering Algorithm Over Wireless Sensor Network," Co-sup-2–Prof. R. Thiagarajan
Dr.Gotte Vasavi. "Classification Of Brain Mri Images For Alzheimer's Disease Detection Using Generative AI Techniques," Co-sup-2 Prof. Aneesh Somwanshi, Professor, MATS University Raipur, Chhattisgarh, India
Dr. Vaddadi Vasudha Rani. "Transformative Approaches in Cardiovascular Risk Prediction Using Generative AI and Retinal Image Classification," Co-sup -2–Prof. Dr. Vivek Kapur, Director G H Raisoni Institute of Engineering and Technology, Nagpur, India

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Dr. Subramanya Sarma S, Professor & Dean Academics, Department of EEE, Ramachandra College of Engineering, "Advanced Power Converter Designs for Auxiliary Modules in Electric Vehicles Using Renewable Energy"
Dr. Gundapaneni Srilatha, Associate Professor, Department of ECE, Sir C R R College of Engineering, India. "AI-Driven Multifunctional Antenna Design for Enhanced IoT-Based Remote Health Monitoring in Biomedical Systems"
Dr. Kalapatapu Venkatesh Sharma, Professor, Department of CSE, CVR College of Engineering, India. "Integrating Explainable AI with Deep Learning for Accurate Brain Tumor Detection in MRI Scans in Clinical Settings" Co-Sup 02: Prof. Sunder R, Professor, Galgotias University.
Dr. Salina Adinarayana, Professor, Department of Computer Science and Systems Engineering, AU College of Engineering, Andhra University, Visakhapatnam-530003. "A Novel Framework for Deep Fake Detection possessing effective generalization and computational capabilities."
Dr. R. Rajalakshmi, Department of Computer Science and Engineering, Sathyabama Institute of Science and Technology, Semmanencheri, Jeppiar Nagar, Chennai, Tamilnadu, "Neural Symbolic Integration with Artificial Intelligence and Neuro Science."
Dr. C Murugamani, Department of Information Technology, Bhoj Reddy Engineering College for Women, Vinaynagar, Saidabad, Hyderabad-500059, India. "Integrating Artificial Intelligence for Precision in Surgical Needle Procedures."
Dr. Parasana Sankara Rao, Associate Professor, Department of Computer Science and Engineering, Gitam School of Technology, Visakhapatnam – 530041. Andhra Pradesh, India. "Enhancing Heart Disease Detection and Diagnosis Using Deep Learning in Medical Applications."
Dr. D. Sudha, "Advanced Quantum Machine Learning for Enhanced Multi-Vehicle Detection and Real-Time Tracking in Complex Environments," Asst. Professor, Dept of Computer Science and Engineering, Satyabhama Inst. Of Science and Technology, Chennai, India. Dsudha.89@gmail.com, Sudha.d.cse@sathyabama.ac.in
Dr. Vaissnave Venkadapathi "Advancing Legal AI Systems through Explainable Deep Learning, Ethical Governance, and Cross-Jurisdictional Adaptability for Enhanced Legal Outcome Prediction and Automated Summarization." Assistant Professor in the Department of Computational Intelligence, SRM Institute of Science and Technology, Kattankulathur, Chennai, India. Vaissnave@gmail.com
Dr.Ranjith Kumar Anandan, School of Computer Science and Engineering, Lovely Professional University, Phagwara, Punjab. "Advancement in medical imaging analysis and diagnostics using deep learning algorithms."
Dr. Babymol Kurian, Department of Information Technology, KCG College of Technology, Karapakkam, Chennai, India. "Advanced Deep Learning Techniques for Prenatal Early Screening of Down Syndrome in Next-Generation Sequencing Data."
Dr. Sreejith R., Department of Business Administration, Rajagiri College of Social Sciences (Autonomous), Kochi, Kerala, India. "Leveraging Transformer Models for Comprehensive Analysis of Patient Feedback: Enhancing Decision-Making and Personalizing Healthcare Services in Online Health Portals "
Dr. Suja Cherukullapurath Mana, Department of Computer Science and Engineering, PES University, Bangalore, Karnataka, India. "Intrusion Detection System Using Quantum Machine Learning."
Dr. A. Sivasangari, Department Of Computer Science And Engineering, Sathyabama Institute Of Science And Technology, Deemed To Be University, Jeppiaar Nagar,Rajiv Gandhi Salai, Chennai. Tamilnadu, India.

"Advanced Artificial Intelligence Techniques for the Automated Diagnosis and Prognosis of Neurological Disorders."
Dr. A. Damodar Reddy, "Exploring Parameter Control Techniques for Discrete Memristive Maps in Network Structures" Department of ECE, Sri Venkatesa Perumal college of Engineering & Technology, Puttur, Andhra Pradesh, India.
Dr. Ashit Kumar Dutta, "Multi-Modal Deep Learning Model for Early Detection of Congenital Heart Disease" Co-Sup1 Prof. Siva Shankar S, Co-Sup2 Prof. Deepak Gupta.
Dr. G. Prasad, "Artificial Intelligence-Driven Optimization for Unmanned Aerial Vehicle (UAV) Management"; Assoc. Professor, Chandigarh University, India. Co-Sup-1: Prof. Siva Shankar S, Co-Sup-2: Prof. D. Vetrithangam, University Institute of Engineering, Chandigarh University, India. vetrigold@gmail.com.
Dr. Sita Rani, Assistant Professor, Department of Computer Science & Engineering, Guru Nanak Dev Engineering College, Ludhiana, Punjab, India. cse_sita@gndec.ac.in; "Advancing Sustainable Cancer Treatment Through Explainable AI in Precision Oncology" Co-Sup-1: Prof. Siva Shankar S, Co-Sup-2: Prof. Deepak Gupta, Maharaja Agrasen Institute of Technology, Delhi, INDIA. drdeepakgupta.cse@gmail.com
Dr. A. Jemshia Miriam, Assistant Professor, Dept. of Computer Science Engineering, Sathyabama Institute of Science and Technology, Chennai, India. "Developing a Quantum Cryptography Framework for Enhancing Security in Wireless IoT Networks" jemshiamiriam@gmail.com; jemshia.cse@sathyabama.ac.in. Co-Sup-1: Prof. Siva Shankar S, Co-Sup-2: Prof. G. Nagarajan, gnagarajan.cse@sathyabama.ac.in
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Dr. Jaspreet Singh, Professor, Department of Computer Science & Engineering, Chandigarh University, India. "Enhancing Business Process Optimization through AI-Driven Digital Twin Technology: A Hybrid Framework for Real-Time Decision-Making and Predictive Analytics," Co-Sup-1: Prof. Siva Shankar S, Co-Sup-2: Prof. D. Vetrithangam, University Institute of Engineering, Chandigarh University, India. vetrigold@gmail.com.
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To: Dr. S R Bhagyashree, Dean-Research, ATME College Of Engineering, Mysuru, India. "Integrating Indian Knowledge Systems in Transformative Approaches for Supporting Individuals with Lifestyle Diseases", bhagyashreeraghavan@gmail.com. Co-Sup-1: Prof. Siva Shankar S; Co-Sup- 2: Prof . R. Sunder, Galgotias University, India. sunder.r@galgotiasuniversity.edu.in
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Dr. K. Lokanayaki, School of Computer Science and Engineering, RV University, Bangalore. "AI-Driven Multimodal Approach for Early Detection of Neurodegenerative Disorders," Co-Sup1:Prof. Siva Shankar. Co-Sup-02: Prof. R G Vidhya S,H KBK College of Engineering, Bangalore. vidhya50.ece@gmail.com

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Dr. Nancy Noella R S, Sathyabama Institute of Science and Technology, nancynoella.cse@sathyabama.ac.in "Diagnosis of neurodegenerative diseases using quantum Machine Learning Technique"
Dr. Joshila Grace L.K, Sathyabama Institute of Science and Technology, joshilagrace.cse@sathyabama.ac.in "Building Trustworthy Conversational Agents for Sensitive Applications: Ensuring Privacy, Security, and Transparency"
Dr.K.Babu, Dept of Computational Intelligence, SRM Institute of Science & Technology,Chennai. "A Deep Dimensionality Reduction Approach to Male Fertility Prediction Using Enhanced t-SNE."

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Dr. Gokul Yenduri, School of Computer Science and Engineering, VIT-AP University, G-30, Amaravati, Andhra Pradesh-522237, INDIA. “The Role of Explainable Artificial Intelligence (XAI) in Enhancing Transparency and Trust in Business Systems and Applications,"

Dr. Maddikera Kalyan Chakravarthi, School of Electronics Engineering, VIT-AP University, Amaravati, Andhra Pradesh, India. “Implementing an Optimized FPGA-Based Hardware-in-the-Loop Controller for Nonlinear Industrial Processes.”

Supervisor – Prof. Bhuvan Unhelkar, University of South Florida, USA

Dr. Abhishek Kumar: "Metaversal Resurgence: Exploring Digital Reality as Transformative Tools for STEM Students' Mental Rehabilitation and Well-being."
Dr. Kamal Gulati: "Identification and Validation of the Key Elements that Enable Context-based Dynamicity in Chatbot Architectures." (Completed 12th July, 2024)
Dr. Asif Irshad Khan: "Enhancing the Self-learning Capabilities of an Anti-phishing Framework to Warn Social Media Users of Malicious URLs Based on Artificial Intelligence Techniques."
Dr. V. Senthil Murugan: "Optimizing MANET's Routing Using Machine Learning Techniques." (Completed, 10th June, 2024)
Dr. Sandeep Ranjan: "Social Network Community Detection in Medical Diagnosis."
Dr. Jimmy Singla: "Fuzzy Logic-based Systems for Medical Diagnosis."
Dr. Deepak Prashar: “Malware Analysis and Development of Countermeasures using AI and Machine Learning.”
Dr. Walied Askarzai: Implementing Comprehensive Policies and Security Measures for Small Businesses in Cashless Societies: An Empirical Study"
Dr. Girish Nair: The Impact of Cybersecurity Breaches on Stock Prices, Credit, and ESG Ratings, and the Role of Corporate Strategic Leadership in Their Rapid Recovery.
Dr. Kirti Raj BHATELE, “Exploring the Feasibility and Efficacy of Real-time Computer-Aided Diagnosis Systems Using Artificial Intelligence for Structural Disorders in the Central Nervous System.”
Dr. Madhulika Bhatia, “Exploring the Potential of Mining Dark Data in Hospital Databases to Develop Early Disease Prediction Models"
Dr. Devpriya Soni, " Leveraging Artificial Intelligence-Powered Language Models for the Detection and Prevention of Smishing Attacks.”
Dr. Abhay Bansal, “Optimizing Sustainable Supply Chains through Advanced Big Data Analytics and Green Technologies,” Co-Sup-2, Prof. (Dr.) Mandeep Mittal (School of Computer Science Engineering and Technology), mandeep.mittal@bennett.edu.in (Completed, 23rd Feb, 2025).
Dr. Tshewang Phuntsho, “Enhancing the Intelligent Collaborative Enterprise System (ICES) with Dynamicity, AI, and Composite Agile for Optimized Decision-Making and Organizational Agility,” Co-Supervisor-2 – Prof. Prof. Tad Gonsalves. Info & Com Dept., Faculty of Science & Technology, Sophia University, Tokyo, Japan. https://www.gonken.tokyo/ t-gonsal@sophia.ac.jp, Co-Supervisor-3 - Prof. Aurilla Aurelie Arntzen. Faculty of Technology, Natural Sciences and Maritime Sciences, Department of Science and Industry systems, Campus Kongsberg, Norway. Aurilla.Aurelie.Arntzen@usn.no;