Dr. Renuka Devi M.N



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9916554904

Career Objective

"Aspiring to excel in academia by delivering quality education and conducting impactful research in the fields of multimedia computing and medical imaging, to mentor future innovators and contribute to societal healthcare solutions through technology."

Key Skills

Expertise in Multimedia, Image, and Video Processing – Strong foundation in medical image analysis, computer vision, and AI-based healthcare systems using MATLAB and Python.

Academic Instruction & Curriculum Development – Proficient in outcome-based education, syllabus design, and delivering UG/PG courses.

Research and Scientific Writing – Skilled in designing experiments, publishing high-quality research papers.

Mentorship and Student Engagement – Experienced in guiding UG/PG projects, fostering research culture, and mentoring students for academic and career growth.

Interdisciplinary Collaboration & Conferences – Active participation in academic workshops, peer reviews, and collaborative projects bridging engineering and healthcare.

Academic Qualification

Ph.D. August 16th, 2021. VTU Belgaum.

M.Tech. (2011), Computer Science and Engineering, NMIT, Bangalore (First Class with Distinction-72%)

B.E. (2009), Computer Science and Engineering, PESIT, Bangalore South Campus (First Class-62%)

Ph. D: Awarded from VTU, Belgaum- 2021 on "Characterization and Detection of Behavioral Patterns using Videos in TED Talks"

Working Experience Details-12years

Assistant Professor, Dept. of CSE, DSU Jan 2020 to till-date

Assistant Professor, Dept. of ISE, PESIT, Bangalore South Campus, India, (July 2011 – July 2016).

Assistant Professor, Dept. of ISE, BNMIT, Bengaluru, India, (Jan 2019- June 2019)

Total Number of years of Experience: 12 years

Courses Taught

Undergraduate- B.E: Digital Image Processing, Computer Vision, MATLAB Programming, Technical Writing, Database Management System, Python Programming, Computer Organization.

Post Graduate- MBA, M-Tech: IT for Managers, Artificial Intelligence, Prolog Laboratory, Advanced Database Management Systems

RESEARCH PROPOSAL GRANTED:

Received DSU Seed Money Grant for the project titled "Novel Deep Learning Framework for Analyzing Classroom Video and Audio-Text Features to Transform Teaching Strategies" with a sanctioned funding of ₹3,08,063 for a duration of 2 years.

Working on AI-driven multimodal analysis using video, audio, and text features to evaluate teaching effectiveness and enhance classroom engagement through deep learning techniques.

Proposals submitted:

Submitted a **VGST research proposal** titled **"Low-Cost AI-Based Chest X-Ray Analysis for Early Detection of Lung Diseases in Primary Health Centers"** under the Grants for Research Excellence scheme.

OBJECTIVES

To develop a low-cost AI-based framework for automated analysis of chest X-ray images to support early detection of lung diseases in primary health centers.

To design and implement deep learning models for accurate classification and identification of lung abnormalities from medical imaging data.

To provide an accessible and scalable diagnostic support system that assists healthcare professionals in improving early diagnosis and patient care in resource-limited environments.

Research Publications:

International Journals (Scopus indexed)

[1] T. M. Rakesh, G. S. Girisha, and M. N. Renukadevi, "Hybrid OCR with LLM-enhanced post processing for robust text recognition for extreme illumination condition," International Journal of Intelligent Engineering and Systems, vol. 18, no. 11, pp. 1049–1064, 2025. (Q3-Scopus Indexed)

Explanation: This paper proposes a hybrid OCR framework combined with large language model post-processing. The approach improves text recognition accuracy in images captured under poor or extreme lighting conditions.

[2] P. Naresh, P. Kulkarni, T. M. Rajesh, K. I. Pattan, and Y. S. Gupta, "MedGRU-SVC: A hybrid ConvGRU and support vector clustering framework for interpretable anomaly detection in medical radiographs," Mathematical Modelling of Engineering Problems, vol. 12, no. 11, pp. 3879–3886, 2025. (Q3-Scopus indexed)

Explanation: The paper presents a hybrid deep learning and clustering model for detecting anomalies in radiographic images. The approach improves interpretability and supports medical diagnostic systems.

[3]. D. Sandhya Rani, K. Mohiuddin, N. Vasudha, K. Swapna, P. Kulkarni, P. Naresh, T. M. Rajesh, and M. N. RenukaDevi, "Churn prediction analysis in the telecom industry using PCA and bagging techniques," Mathematical Modelling of Engineering Problems, vol. 12, no. 12, 2025, doi: 10.18280/mmep.121206

Explanation: This paper presents a telecom customer churn prediction framework using Principal Component Analysis (PCA) and bagging-based machine learning techniques. The study focuses on improving prediction accuracy by reducing dimensionality and combining ensemble learning methods, thereby enabling telecom providers to identify potential customer attrition more effectively.

[4]. T. M. Rakesh, G. S. Girisha, and M. N. Renukadevi, "AURORA-OCR: A Neuroevolutionary Framework with LLM-Guided Correction for Robust Text Recognition Under Degraded Imaging Conditions," Engineering, Technology & Applied Science Research, vol. 16, no. 3, pp. 36617–36623, 2026. DOI: 10.48084/etasr.18219. (Published) Q2

Explanation: This paper introduces AURORA-OCR, a neuroevolutionary OCR framework integrated with Large Language Model (LLM)-guided correction for accurate text recognition under degraded imaging conditions. The proposed system enhances OCR robustness against noise, blur, low illumination, and distorted images by combining adaptive feature optimization with intelligent post-processing correction mechanisms.

[5] M. N. Renukadevi, T. M. Rajesh, S. G. Shaila, P. Kulkarni, T. Babu, R. R. Nair, and S. Yogarayan, "Modeling audio dynamics using hierarchical assisted K-means model for structured speaker profiling in TED talks," *Scientific Reports*, vol. 16, Art. no. 18656, 2026, doi: 10.1038/s41598-026-47033-4

Explanation:
This paper presents a hierarchical assisted K-means framework for modeling audio dynamics and structured speaker profiling in TED Talks. The study analyzes speech characteristics, audio patterns, and speaker behavior to identify structured communication profiles. The proposed approach supports intelligent multimodal analysis for applications in public speaking assessment, behavioral analytics, and inclusive educational technologies.

[6]. S. Debnath, D. Willson, R. M. N. Renukadevi, S. H. Shreenidhi, J. Kishore, et al., "An AI-driven framework for diabetic foot ulcer classification, segmentation, and depth estimation," *Scientific Reports*, vol. 16, Art. no. 18861, 2026, doi: 10.1038/s41598-026-52864-2.

Explanation:
This paper proposes an AI-driven framework for automated diabetic foot ulcer analysis, integrating classification, segmentation, and wound depth estimation techniques. The framework utilizes advanced deep learning and image processing methods to accurately identify ulcer regions, assess severity, and estimate wound depth from clinical images. The proposed system aims to support early diagnosis, treatment planning, and improved healthcare management for diabetic foot ulcer patients.

Conferences Indexed In scopus

[1] N. Soman, M. N. R. Devi, and G. Srinivasa, "Detection of anomalous behavior in an examination hall towards automated proctoring," in Proc. 2017 2nd IEEE Int. Conf. Electrical, Computer and Communication Technologies (ICECCT), 2017, Art. no. 8117908.

Explanation: This work proposes an automated proctoring system to detect suspicious behavior in examination halls using computer vision techniques. The system analyzes video frames to identify abnormal student actions and helps prevent exam malpractice.

[2] M. Renukadevi, E. A. M. Anita, and D. Mohana Geetha, "An efficient privacy-preserving model based on OMFTSA for query optimization in crowdsourcing," Concurrency and Computation: Practice and Experience, vol. 33, no. 24, p. e6447, 2021.

Explanation: The paper introduces a privacy-preserving optimization framework for crowdsourcing systems. It uses the OMFTSA algorithm to improve query processing efficiency while protecting sensitive user information.

[3] M. N. R. Devi, A. Kumar, G. Swetha, U. S. Chavan, and V. M. Davasam, "Cancer detection using image processing and machine learning," in Proc. Int. Conf. Artificial Intelligence and Data Engineering (AIDE), 2022, pp. 96–100.

Explanation: This study applies image processing techniques and machine learning algorithms to detect cancer from medical images. The proposed approach improves early diagnosis accuracy and supports automated medical decision systems.

[4] M. N. Renuka Devi, C. Raju, and M. T. Rajesh, "Detection of tumours from MRI scans using segmentation techniques," in Proc. 2nd Int. Conf. Electronics and Sustainable Communication Systems (ICESC), 2021, pp. 1281–1288.

Explanation: This research focuses on identifying tumors from MRI images using segmentation algorithms. The proposed method extracts abnormal regions from medical scans to assist radiologists in accurate diagnosis.

[5] V. Sankar, S. Balachander, M. N. Devi, and M. Jayakumar, "Reliability enhancement of hardware Trojan detection using histogram augmentation technique," in Proc. IEEE Int. Conf. VLSI Design, 2023, pp. 365–370.

Explanation: The paper presents a security technique for detecting hardware Trojans in integrated circuits. Histogram augmentation is used to improve the reliability of detection methods in hardware security applications.

[6] P. Kulkarni, T. M. Rajesh, P. Naresh, K. Pattan, and D. Tejasvi, "AI-driven urine analysis for non-invasive kidney stone detection: A machine learning approach," in Proc. 3rd IEEE Int. Conf. Networks, Multimedia and Information Technology (NMITCON), 2025.

Explanation: This work proposes a machine learning approach to analyze urine characteristics for detecting kidney stones. The model offers a non-invasive diagnostic method that can assist clinicians in early disease detection.

[7] M. N. Renuka Devi and G. Srinivasa, "Multimodal analysis of TED talks toward designing a recommendation system," in Lecture Notes in Networks and Systems, vol. 341, 2022, pp. 455–467.

Explanation: The study analyzes speech, visual, and textual features from TED Talks to understand speaker behavior. A recommendation system is developed using multimodal learning to suggest relevant talks to viewers.

[8] M. Renukadevi, E. A. Mary Anita, and D. Mohana Geetha, "An efficient fuzzy logic cluster formation protocol for data aggregation and data reporting in cluster-based mobile crowdsourcing," in Lecture Notes in Networks and Systems, vol. 351, 2022, pp. 427–446.

Explanation: This research introduces a fuzzy logic-based clustering protocol to improve data aggregation in mobile crowdsourcing systems. The method enhances communication efficiency and reduces network overhead.

[9] M. N. Renuka Devi, A. Srinivasa, and G. Srinivasa, "Detection of multiple, co-occurring actions in video frames," in Proc. 2016 IEEE Int. Conf. Wireless Communications, Signal Processing and Networking (WISPNET), 2016, pp. 2332–2336.

Explanation: The paper proposes a video analysis framework capable of identifying multiple actions occurring simultaneously in video frames. Machine learning techniques are used to improve action recognition accuracy.

[10] M. N. Renukadevi, K. I. Pattan, and T. M. Rajesh, "Comparative analysis of machine learning algorithms for water region classification in flood-affected images," Communications in Computer and Information Science, vol. 2736, pp. 450–462, 2026.

Explanation: This study compares various machine learning models for identifying water regions in flood-affected satellite images. The work helps improve disaster monitoring and flood mapping systems.

[11] B. R. Lakshmi, M. N. Renuka Devi, T. M. Rajesh, P. Naresh, and Y. S. Gupta, "Automated detection of phishing website using machine learning techniques," in Proc. 9th Int. Conf. Inventive Systems and Control (ICISC), 2025, pp. 590–594.

Explanation: This research proposes a machine learning-based system to identify phishing websites. The model analyzes website features and URLs to improve cybersecurity and protect users from online fraud.

[12] K. I. Pattan, M. N. Renuka Devi, H. R. Pooja Shree, V. Revathi, and A. Paria, "NeuroGaitAssist: Advanced gait analysis for detecting neurological disorders and aiding paralysis patients," in Proc. 9th Int. Conf. Inventive Systems and Control (ICISC), 2025, pp. 1681–1687.

Explanation: This study introduces a gait analysis system that evaluates walking patterns to detect neurological disorders. The framework assists in diagnosing paralysis and other movement impairments.

[13] S. Vignesh and M. N. Renuka Devi, "AttUNet: Enhancing ResUNet with attention mechanism for accurate brain tumor segmentation," in Proc. IEEE Int. Conf. Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI), 2025.

Explanation: The paper proposes an improved deep learning architecture combining ResUNet and attention mechanisms. The model enhances brain tumor segmentation accuracy in MRI images.

[14] P. Kulkarni, T. M. Rajesh, and M. N. Renuka Devi, "Predicting cardiac disease using stacked refinement combination machine learning models," in Lecture Notes in Networks and Systems, vol. 1354, 2025, pp. 515–525.

Explanation: This research proposes a stacked ensemble machine learning framework for predicting cardiac diseases. Multiple models are combined to improve prediction accuracy and clinical decision support.

[15] V. Salankimatt, M. N. Renuka Devi, M. Yashas, D. K. Vivek, and K. S. Vijay Kumar, "Satellite based geographical poverty prediction," in Proc. 1st Int. Conf. Frontier Technologies and Solutions (ICFTS), 2025.

Explanation: This work uses satellite imagery and machine learning techniques to estimate poverty levels in different regions. The approach supports socio-economic planning and policy development.

[16] M. Renukadevi, E. A. M. Anita, and D. M. Geetha, "Enhanced horse optimization algorithm based intelligent query optimization in crowdsourcing systems," Communications in Computer and Information Science, vol. 1797, pp. 234–249, 2023.

Explanation: The paper proposes an improved Horse Optimization Algorithm for efficient query processing in crowdsourcing environments. The method enhances system performance and computational efficiency.

[17] M. N. Renuka Devi and G. Srinivasa, "Multiple action detection in videos," in Lecture Notes in Networks and Systems, vol. 103, 2020, pp. 385–393.

Explanation: This research presents a method for detecting multiple actions occurring simultaneously in videos. The approach improves video understanding and supports applications such as surveillance and human activity recognition.

[18] M. N. Renukadevi, Kavyashree I. Pattan, and T. M. Rajesh, "Comparative Analysis of Machine Learning Algorithms for Water Region Classification in Flood-Affected Images," in Communications in Computer and Information Science (CCIS), Springer Nature Switzerland AG, pp. 450–462, 2026. DOI: 10.1007/978-3-032-14531-4_38.

Explanation:
This paper presents a comparative study of machine learning algorithms, including Support Vector Machine (SVM), Random Forest, and K-means clustering, for water region classification in flood-affected aerial and satellite images. The proposed methodology utilizes NDWI-based feature extraction and image segmentation techniques to distinguish flooded and non-flooded regions. Experimental results demonstrate that the Random Forest classifier achieved superior performance with 99.99% accuracy, supporting efficient flood monitoring and disaster management applications.

[19] Meenakshi, M. N. Renuka Devi, Hariharan, P. Kulkarni, Kavyashree I. Pattan, and P. Naresh, "Epilepsy Simulation With AI-Driven Insights & Detection - EpiSimAiD," in Proceedings of the International Conference on Visual Analytics and Data Visualization (ICVADV-2026), IEEE, 2026. DOI: 10.1109/ICVADV67766.2026.11470398.

Explanation:
This paper introduces EpiSimAiD, an AI-driven EEG simulation and seizure detection framework designed for focal epilepsy monitoring and healthcare safety applications. The system integrates synthetic EEG signal simulation, logistic regression-based seizure classification, confidence estimation, real-time alert generation, and multimodal visualization for early seizure prediction. The framework demonstrates the potential of AI-assisted neuroanalysis for intelligent healthcare monitoring, medical education, and real-time clinical decision support.

[20]. A. Farheen, E. Sivananda Lahari Reddy, P. Kulkarni, P. Naresh, M. N. Renuka Devi, and C. Gowdham, "Risk-Aware Threat Analysis Using a Hybrid Deep Learning and Graph-Based Approach," in *Proc. 3rd*

Int. Conf. Innovations in Cybersecurity and Data Science (ICICDS), 2026, pp. 1319–1326, doi: 10.1109/ICICDS70526.2026.11604700.

Book Chapter

[1] T. M. Rajesh and M. N. Renukadevi, "ABCNN: Attention-based convolutional neural networks for arrhythmia detection from ECG data," in AI and Data Engineering for Healthcare: Real World Applications and Case Studies, 2025, pp. 21–46.

Explanation: This work introduces an attention-based CNN architecture for detecting cardiac arrhythmia from ECG signals. The model captures important temporal patterns and improves classification performance.

Patents Published

1. **Title: A Multimodal Stress Detection and Adaptive Carnatic Raaga Therapy System Using EEG-Based Biofeedback and AI-Driven Vocal Emotion Recognition**
   Applicants: Dr. Renukadevi M N, Dayananda Sagar University
   Inventors: Dr. Renukadevi M N
   Published Date: 13/02/2026
   Patent Application Number: 202641009392
   Details:
   This patent proposes an AI-enabled multimodal stress detection system integrating EEG biofeedback and vocal emotion recognition for adaptive Carnatic Raaga therapy. The framework aims to provide personalized therapeutic interventions for mental wellness by analysing physiological and emotional signals in real time.
2. **Title: An Augmented Reality-Based Three-Dimensional Brain Visualization System for Automated** Segmentation, Classification, and Interactive Rendering of Ischemic and Hemorrhagic Stroke Regions from Computed Tomography Images
   Applicants: Dayananda Sagar University
   Inventors: Dr. RenukaDevi M N, Dr. Revathi V, Dr. Naresh Nikhil, Dr. Roopa H N, Asha S K, Spoorti C K, Sunitha T G, Vaishnavi N M, Dr. Santosh Kumar J
   Published Date: 13/03/2026
   Patent Application Number: 202641024991 A
   Details:
   This invention presents an augmented reality-based 3D brain visualization framework for automated stroke segmentation and classification using CT images. The system employs deep learning-based U-Net segmentation and AR rendering to improve diagnostic interpretation, medical education, and telemedicine applications.
3. **Title: System and Method for Generating and Immersive Visualization of the 3D Perfusion Maps for Ischemic Stroke Assessment Using Artificial Intelligence and Augmented/Virtual Reality**
   Applicants: Dayananda Sagar University
   Inventors: Dr. Revathi V, Dr. RenukaDevi M N, Dr. Naresh Nikhil, Dr. Roopa H N, Syed Fuzail Rubbani, Suhaib Yasir Bhosge, Sunil Kumar Chavhan, Tavva Tejaswini Reddy, Dr. Santosh Kumar J

Published Date: 13/03/2026
Patent Application Number: 202641025134 A
Details:
This patent discloses an AI-powered system for generating 3D perfusion maps for ischemic stroke assessment using AR/VR technologies. The framework predicts cerebral perfusion parameters from non-contrast imaging and provides immersive visualization for improved clinical analysis and interactive diagnosis.

4. **Title: AI-Powered Multi-Modal Deep Learning System for Real-Time Cardiac Arrhythmia Detection Using Enhanced ECG Signal Representation and Temporal Context Modeling**
Applicants: Santosh Kumar Jankatti, Dr. Renukadevi M N, Dayananda Sagar University
Inventors: Santosh Kumar Jankatti, Dr. Renukadevi M N
Published Date: 27/06/2025
Patent Application Number: 202541058076
Details:
This invention introduces an AI-driven multimodal deep learning framework for real-time cardiac arrhythmia detection using ECG signal analysis and temporal context modeling. The system enhances arrhythmia classification accuracy and supports intelligent cardiovascular monitoring for early diagnosis and preventive healthcare.
5. **Title: A Robust Multi-Model Computational Framework for Automatic Detection of Malignancy in Ovarian Ascitic Fluid Cytology**
Applicants: Santosh Kumar Jankatti, Dayananda Sagar University
Inventors: Dr. Rajesh T M, Dr. Renukadevi M N, Dr. Jessica Minal, Dr. Archana Shetty, Dr. Praveen Kulkarni, Dayananda Sagar University, Dr. Santosh Kumar J
Published Date: 26/09/2025
Patent Application Number: 202541083246 A
Details:
This patent presents a multi-model computational framework for automated malignancy detection in ovarian ascitic fluid cytology images. The proposed system integrates image enhancement, nuclei segmentation, handcrafted feature extraction, CNN-based deep learning, and decision fusion techniques for accurate cancer diagnosis and stage prediction.
6. **Title: SmartMentor: Deep Learning System for Classroom Behavior Intelligence and Pedagogical Enhancement**
Applicants: Santosh Kumar Jankatti, Dayananda Sagar University
Inventors: Dayananda Sagar University, Dr. Renukadevi M N, Dr. Rajesh T M, Dr. Shaila S G, Dr. Praveen Kulkarni, Santosh Kumar Jankatti
Published Date: 30/05/2025
Patent Application Number: 202541044612 A
Details:
This patent introduces a deep learning-based classroom behavior intelligence framework that analyzes synchronized video, audio, and textual classroom data to evaluate teaching effectiveness and student engagement. The system uses multimodal behavioral analysis to support pedagogical enhancement, classroom communication assessment, and AI-assisted educational analytics.

7. **Title: A Robust Multi-Model Computational Framework for Automatic Detection of Malignancy in Ovarian Ascitic Fluid Cytology**
Applicants: Santosh Kumar Jankatti, Dayananda Sagar University

Inventors: Dr. Rajesh T M, Dr. Renukadevi M N, Dr. Jessica Minal, Dr. Archana Shetty, Dr. Praveen Kulkarni, Dayananda Sagar University, Dr. Santosh Kumar J
Published Date: 26/09/2025
Patent Application Number: 202541083246 A
Details:
This invention presents a multi-model computational framework for automated malignancy detection in ovarian ascitic fluid cytology images. The system integrates image enhancement, nuclei segmentation, handcrafted feature extraction, CNN-based deep learning, and decision fusion techniques to improve diagnostic accuracy, cancer stage prediction, and clinical decision support for ovarian cancer detectionTop of Form. Bottom of Form

Collaborative Projects with CDSIMER HOSPITAL

1. ***Developing a Robust Multi-Model Framework for the Automatic Detection of Malignancy in Ascitic Fluid Cytology***

Principal Investigator:
Dr. Rajesh T M, Dr. Renukadevi M N, Dr. Praveen Kulkarni

Medical Collaborators:
Dr. Jessica Minal, Associate Professor, Department of Pathology, CDSIMER, Dayananda Sagar University
Dr. Archana Shetty, Professor, Department of Pathology, CDSIMER, Dayananda Sagar University

Project Duration: March 2025

Project Description:
This collaborative project focuses on developing a robust AI-based multi-model framework for automated malignancy detection in ascitic fluid cytology images. The work involves cytology image database creation, image enhancement, feature extraction, and classification of benign and malignant cells using advanced machine learning and deep learning techniques. The framework aims to improve diagnostic accuracy and grading performance through metrics such as accuracy, precision, recall, and AUC-ROC analysis for effective clinical decision support.

2. ***Deep View: Software-Integrated Stroke Detection, Scoring, and AR/VR-Based Clinical Decision Support Platform***

Principal Investigator:
Dr. Renukadevi M N, Assistant Professor, Department of CSE, Dayananda Sagar University

Co-Investigators:
Dr. Revathi V, Associate Professor, Department of CSE, Dayananda Sagar University
Dr. Anitha Kini, Associate Professor, Department of Radiology, CDSIMER, Dayananda Sagar University

Project Description:
This collaborative project focuses on developing an AI-driven multimodal stroke imaging platform integrating CT/MRI analysis, automated ischemic and hemorrhagic stroke classification, and severity scoring using deep learning techniques. The framework incorporates AR/VR-enabled immersive 3D visualization dashboards to support clinical decision-making, lesion exploration, and treatment planning. The project aims

to improve diagnostic precision, reduce inter-observer variability, and enhance clinician workflow through intelligent imaging analytics and interactive visualization technologies.

Honors

WON BEST PROJECT AWARD AT KSCST STATE LEVEL COMPETETION IN 2025

ON Title" Cardiac Arrythmia Detection"

Received "**InSc Young Researcher Award**" on June 3rd 2021 based on profile and quality of work.

Selected as reviewer for InSc Journals http://www.insc.in/journals

Received Best Paper Award for the paper titled "Multiple Action Detection in videos" on 16th August 2019.Hyderabad.

National Award on Oil Conservation Essay {Best Essay at National Level} On Innovative Ways to Conserve Oil in 2002 at New Delhi.

Karnataka Music Junior Grade Vocal Exam with **First Class in 2004.**

Faculty Development Programs attended

Participated in three days FDP on "Induction Program for the Newly Recruited Engineering College teachers" held at AMC Engineering College, Banneraghatta Road, Bengaluru-83 from 21st to 23rd April 2012

Workshops /Seminars Organized:

1. Participated in the three days' workshop on "Research Methodologies and Latex" organized by "VTU-e-learning center", Mysore from 21st to 23rdMay, 2015 at VTU regional Office, Bengaluru.
2. Participated in the two days' workshop on " Introduction to Image Processing: Theory and Practice" organized by "The PES Center for Pattern Recognition", from 16st to 17th July, 2015 at PESIT-Bangalore South Campus, Bangalore-100
3. Participated in the two days' workshop on " Natural Language Processing and Data Mining" organized by "The PES Center for Pattern Recognition", from 17th to 18th July, 2014 at PESIT-Bangalore South Campus, Bangalore-100
4. Participated in TEQIP-II COE (KAnOE) sponsored workshop on "YOUTH RESEARCH CAMP" organized by PESIT in association with PES University, Bangalore and Karnataka State Innovation Council (KSIC) On May 12th and 13th 2014.

Short Term Training / Courses attended

1. Organized 2 days summer course on: "Signal Processing- Concepts and Applications" Conducted by Center for Pattern Recognition and Department of ISE, CSE and ECE at on 12th and 13th July 2012 at PESIT- Bangalore South Campus, Bangalore-100

Symposium Attended

Participated in symposium on " Design Patterns in Practice" conducted by "Department of Information Science and Engineering", on March 9th 2013 at PESIT- Bangalore South Campus, Bangalore-100

Conferences conducted:

1. Participated and was in the core team of organization in the IEEE international Conference on Impact of E-Technology on US(IC-IMPETUS) held during 10th and 11th January 2014 at PESIT- Bangalore South Campus, Bangalore-100 .
2. Participated in the International Conference on Recent and Emerging Trends in Computer and Computational Sciences held 2013 at PESIT- Bangalore South Campus, Bangalore-100
3. Worked as Program Coordinator for the SPRINGER Sponsored International Conference on Intelligent Computing and Communication (ICICC-2020) held at Dayananda Sagar University, Bengaluru-100
4. Worked as Organizer for the FDP on AR-VR Technologies held at Dayananda Sagar University, from August 1-5th 2024 , Bengaluru-100

Hobbies

Singing, playing games, and traveling.

Personal Details

Name: Renuka Devi M.N

Sex: Female

Date of birth 26-02-1988

Marital Status: Married

Address: No: 5, 1 Cross 9 Main 1 Stage 3 Block, Suvarna Badavane, Nagarabavi, Bengaluru,

560072, Karnataka, India

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Contact No. 9916554904

Declaration

I hereby declare that the information provided above is correct to the best of my knowledge.

Place: Bangalore.