

Dr. VENKATA RAMANA MURTY NADIMINTI

M.Tech, Ph.D

SUMMARY

- *Ph.D in Computer Science & Engineering from Rayalaseema University, Kurnool, Andhra Pradesh.*
- *Research guide for Ph.D in Computer Science & Engineering from Andhra University, Visakhapatnam and also GJET University Gunupur.*
- *M.Tech in Computer Science & Technology with Specialization in Artificial Intelligence & Robotics (AI & R) from Andhra University, Visakhapatnam with Distinction.*
- *Till now Presented and Published 74 Research Papers in Various National and International Journals / Conferences/ Seminars.*
- *25 Years of Work Experience in Teaching & 13 Years of Work Experience in Research.*
- *3 Years of Work Experience in R & D Department as Team Leader in HBL Nife Power Systems Limited, Hyderabad.*
- *Filed & Published a Patent in the Year 2020.*
- *Recipient of Best Teacher Award for the Year 2017-18 from the Management of Gayatri Vidya Parishad College for Degree and PG Courses (A).*
- *Recipient of “Innovative Technological Researcher & Dedicated Educationalist” Award in the year 2020 from The Society of Innovative Educationalist & Scientific Research Professional, Chennai & Master Teacher Award from AIMERS, Vijayawada in 2024.*
- *Received Best Research Paper Award in WCMRI International Conference held at Singapore in the year 2023.*
- *Fellow, The Society of Innovative Educationalist & Scientific Research Professional (FSIESRP), Life Member.*
- *Member, Computer Society of India (CSI).*
- *Associate Member, Institution of Engineers, India.*

WORK EXPERIENCE: 25 years

- ❖ *Professor & Head of the Department of Computer Science and Engineering (AI&ML), Department of Computer Science and Engineering (AI&ML), Engineering & Technology Program, Gayatri Vidya Parishad College for Degree and PG Courses (A) since July 2024.*
- ❖ *Director (Research & Development), Gayatri Vidya Parishad College for Degree and PG Courses (A) since July 2024*
- ❖ *Professor in Computer Science and Engineering Department of Computer Science and Engineering, Engineering & Technology Program, Gayatri Vidya Parishad College for Degree and PG Courses (A) from January 2022 to June 2024.*
- ❖ *Head of the Department, Department of Computer Science and Engineering, Engineering & Technology Program, Gayatri Vidya Parishad College for Degree and PG Courses (A) from July 2021 to June 2024.*
- ❖ *Associate Professor in the Department of Computer Science and Engineering, Engineering & Technology Program, Gayatri Vidya Parishad College for Degree and PG Courses (A) since July 2018.*
- ❖ *Sr.Assistant Professor in the Department of Computer Science and Engineering, School of Engineering, Gayatri Vidya Parishad College for Degree and PG Courses (A) since June 2014. And also worked as Controller of Examinations for Gayatri Vidya Parishad College for Degree and PG Courses (A).*
- ❖ *Worked as Associate Professor in the Department of Computer Applications, Gayatri Vidya Parishad College for Degree and PG Courses (A)), Visakhapatnam from September 2008 to June 2014. and also worked as Controller of Examinations.*
- ❖ *Worked as Assistant Professor in GVP College of Engineering for Women, Madhurawada, Visakhapatnam from July 2008 to September 2008.*
- ❖ *Worked as Assistant Professor in the Department of Electronics, G.V.P.College for P.G.Courses, Visakhapatnam from July 2004 to June 2008.*

- ❖ *Worked as Team Leader, HBL Nife Power Systems Ltd, Hyderabad from May 2001 to June 2004: Designing RF PCBs in PROTEL, Designing Microwave Filters & Other Projects Containing Microwave designing and testing and also Analog & Digital PCB designing using Orcad software.*
- ❖ *Worked as Assistant Professor in the Department of Electronics, M.R.P.G.College, Vizianagaram from August 1999 - April 2001.*

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Place: Visakhapatnam

(Dr.N.V.RAMANA MURTY)

Scopus Indexed Research Publications of Dr N.V. Ramana Murty, Professor & Head of the Department, Department of CSE , Engineering & Technology Program, Gayatri Vidya Parishad College for Degree and PG Courses(A), Rushikonda, Visakhapatnam

S.No	Year of Publication	Title of the Paper	Name of the Journal/Proceedings
1	2023	<i>Design and Development of a Rule based Expert System for predicting sickle cell disease, Trait and Thalassemia using Machine Learning Techniques (Selected for Best Paper Award)</i>	<i>2nd World Conference on Multidisciplinary Research & Innovation (WCMRI-2023) held at Singapore</i>
2	2020	<i>A Novel Integrated Prognosis & Diagnosis System for Lung Cancer Disease Detection using Soft Computing Techniques</i>	<i>International Journal of Computers & Technology</i>
3	2019	<i>Liver Disease Prediction and Diagnosis Expert System using Data Mining Techniques</i>	<i>International Journal of Research in Advent Technology</i>
4	2011	<i>Sheep and goat expert system using artificial bee colony (ABC) algorithm and particle swarm optimization (PSO) algorithm</i>	<i>IEEE 2nd International Conference on Software Engineering and Service Science</i>
5	2009	<i>Ophthalmology Medical Expert System using Artificial Intelligence Techniques”-</i>	<i>World Conference on Artificial Intelligence</i>
6	2009	<i>“A Rule Based Medical Expert System on Cardiology”</i>	<i>World Conference on Artificial Intelligence</i>

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**Research Publications of Dr N.V. Ramana Murty, Professor & Head of the Department
Department of CSE , Engineering & Technology Program, Gayatri Vidya Parishad College
for Degree and PG Courses(A), Rushikonda, Visakhapatnam.**

S.No	Year of Publication	Title of the Paper	Name of the Journal/Proceedings
1	2023	Detection of Carcinoma Chest Lung Cancer in CT Scan Images using CNN Techniques.	2nd World Conference on Multidisciplinary Research & Innovation (WCMRI-2023) held at Singapore
2	2023	Accurate Lung Cancer Diagnosis, Staging and Prognosis at remote areas by using Artificial Intelligence, Machine Learning and Deep Learning Techniques	International Conference on AI & It's Applications held at Chennai.
3	2023	Unified Transfer Learning for the early detection of cerebral Hemorrhagic events: Predicting ICH and Identifying CMBs.	International Conference on AI & It's Applications held at Chennai.
4	2023	Early Stage Dementia Prediction and Diagnosis using Machine Learning Models.	International Conference on AI & It's Applications held at Chennai.
5	2018	Pancreatic Cancer Stage Detection Using Hybrid Neuro-Fuzzy System	Proceedings of "33rd Indian Engineering Congress Technical Sessions"

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Some of My Major Research Publications are listed below: Total Publications/Presentations: 74

S.No	Year of Publication	Title of the Paper	Name of the Journal/Proceedings
1	2021	Communicated one paper entitled “Design and Development of Lung Cancer Expert System using Ontology Techniques”	"Journal of Reliable Intelligent Environments" – Springer Journal.
2	2020	A Novel Integrated Prognosis & Diagnosis System for Lung Cancer Disease Detection using Soft Computing Techniques	International Journal of Computers & Technology
3	2019	IOT Based Air Pollution Monitoring System	International Journal of Management, Technology and Engineering
4	2019	Liver Disease Prediction and Diagnosis Expert System using Data Mining Techniques	International Journal of Research in Advent Technology
5	2018	Pancreatic Cancer Stage Detection Using Hybrid Nuro-Fuzzy System	Proceedings of “33rd Indian Engineering Congress Technical Sessions”
6	2018	Examination System - Need for Reforms	Attended a one day workshop on “Examination Reforms “ and Presented a Paper at Ramakrishna Degree College(A) , Nandyala, Andhra Pradesh
7	2017	Fuzzy Rule Based Lung Cancer Diagnosis Expert System	Seventh International Conference on Advances in Computer Engineering - ACE 2016, IDES
8	2016	Pancreatic Cancer Detection and Diagnosis Expert System using Artificial Neural Networks and Fuzzy Logic Techniques	International Journal of Computer Science and Network (IJCSN)
9	2016	A Novel Hybrid Application of Radial Basis Function Neural Network and Fuzzy Logic for Detection and Diagnosis of Lung Cancer	International Journal of Engineering Science and Computing
10	2015	Early Lung Cancer Detection using Radial Basis Function Neural Networks (RBFNN)	International Journal of Modern Trends in Engineering and Research
11	2014	A Novel Technique for Secured Assessment and Evaluation system in Education Stream	Institute of Research Journals

12	2013	A Novel Method for Secured Assessment and Evaluation System in Education Paradigm	International Journal of Innovative Research & Development
13	2013	AWeb-Based Soya Bean Expert System Using Bagging Algorithm With C4.5 Decisiontrees	International Journal of Agriculture Innovations and Research (IJAIR)
14	2012	Neural Networks Based Data Security System	National Seminar on Privacy Preserving and Trust Management
15	2012	Computer Forensics using Bayesian Network	National Seminar on Privacy Preserving and Trust Management
16	2012	Development of Maize Expert System using Ada-Boost Algorithm and Naïve Bayesian Classifier	International Journal of Computer Applications Technology and Research
17	2012	'Development of Mushroom Expert System Based on SVM Classifier and Naive Bayes.	IJCSI
18	2012	"Development of Maize Expert System Using Ada-Boost Algorithm and Naïve Bayesian Classifier"	IJCSI
19	2012	"Agriculture Production using Semantic Web"	"Artificial Intelligence , Robotics and Embedded Systems"
20	2011	Sheep and Goat Expert Optimization Technique. Advisory System using Particle Swarm Optimization Techniques.	International Journal of Artificial Intelligence and Computational Research (IJAICR)
21	2011	Pulmonology Medical Expert System Using Artificial Intelligence Techniques	International Journal of Applied Artificial Intelligence inEngineering System (IJAAIE)
22	2011	Measurement Of Non Electrical Physical Quantities	International Journal of Electronics, Electrical and Communication Engineering (IJECE)
23	2011	A Decision Tree based Medical Expert System for Cancer Detection using Artificial Intelligence Techniques.	International Journal of Applied Artificial Intelligence inEngineering System (IJAAIE)
24	2011	"Ribosomal Protein Gene Synthesis Using Recurrent Neural Networks "	National Conference on "Translational Researchin Bio-Informatics and T2DM"

25	2010	"Artificial Neural Sieve for Control Chart Pattern Applications"	International Journal of Computer Applications (IJCA) - [ISSN 0975-8887]
26	2010	"A WEB BASED TOMATO CROP EXPERT INFORMATION SYSTEM BASED ONARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ALGORITHMS"	International Journal of Computer Science and Information Technologies (IJCSIT)
27	2010	"Machine Learning Based Orthopedic Expert Advisory System using Decision Tree and Back Propagation Algorithms"	International Journal of Computational Intelligence Research & Applications" -
28	2010	A Rule Based Medical Expert System on Dermatology	-International Journal of Applied Artificial Intelligence inEngineering System.
29	2010	Classification of Indian English Human Emotions Using HTKTool for MFCC Feature Extraction and SVM Classifier	International Journal of Artificial Intelligence and Computational Research
30	2010	A Machine Doctor for Diagnosis of Gynic & Obstetric Problems using Neural Networks International Journal of Computer Sciences, Systems Engineering and Information Technology	International Journal of Computer Sciences, Systems Engineering and Information Technology - July - Dec 2010 Issue
31	2010	Improved Ant Colony Optimization Algorithm based Expert System on nephrology	International Journal on Computer Science and Engineering (IJCSE)
32	2010	Prediction of Protein Secondary Structure using Artificial Neural Network	International Journal on Computer Science and Engineering (IJCSE)
33	2009	"Artificial Neural Sieve for Control Charts" - Proceedings of IPE.	Networking & Data Management Technologies
34	2009	Ophthalmology Medical Expert System using Artificial Intelligence Techniques"-	World Conference on Artificial Intelligence
35	2009	"A Rule Based Medical Expert System on Cardiology"	World Conference on Artificial Intelligence
36	2009	Brain Informatics Expert System using the techniques of Machine Learning	Millennium Development Goals - The Role of ICT