

# **Dr. VENKATA RAMANA MURTY NADIMINTI**

*M.Tech, Ph.D*

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## **SUMMARY**

- *Ph.D in Computer Science & Engineering from Rayalaseema University, Kurnool, Andhra Pradesh.*
- *Reseach guide for Ph.D in Computer Science & Engineering from Andhra University, Visakhapatnam.*
- *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 59 Research Papers in Various National and International Journals / Conferences/ Seminars.*
- *22 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.*
- *Advanced level Innovation Ambassador in Design Thinking and Innovation & Convener of MoE IIC of Gayatri Vidya Parishad College for Degree and PGCourses(A).*
- *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: 22 years**

- ❖ *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) since January 2022.*
- ❖ *Head of the Department, Department of Computer Science and Engineering, Engineering & Technology Program, Gayatri Vidya Parishad College for Degree and PG Courses (A) since July 2021.*
- ❖ *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.*

**FDPs/Webinars/Workshops attended in the last one year : 21**

<b>Activity</b>	<b>Title of the Activity</b>	<b>No.of Days</b>	<b>From</b>	<b>To</b>	<b>Organized by</b>
Panel Discussion	Attended an Expert Session on “ Panel Discussion with Innovators and Startup Founders”	1	27-05-2021	27-05-2021	IIC, SIRT Bhopal
Workshop	Workshop on AI for CORONA VIRUS ANALYSIS	2	18-04-2020	19-04-2020	Eduxlabs
Webinar	Webinar on "New Age Entrepreneurship"	1	27-04-2020	27-04-2020	Center for Skill Development
FDP	One day FDP on IPR ETHICS & TRAILS IN RESEARCH	1	03-05-2020	03-05-2020	Santhiram Engineering College, Nandyal, Andhra Pradesh
FDP	CYBER SECURITY	1	12-05-2020	12-05-2020	CHALAPATHI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS), Guntur
FDP	IPR Awareness and Patent Prosecution	5	06-05-2020	10-05-2020	Department of Information Technology,CMR Engineering College,Hyderabad
FDP	Cyber Security	2	15-05-2020	16-05-2020	Department of CSE of Swarnandhra College of Engineering and Technology in Association with Indian Servers
FDP	Outcome Based Education Software	1	14-05-2020	14-05-2020	Vmedulife Software Services
FDP	One Week Online FDP on Big Data Tools	7	18-05-2020	23-05-2020	Sr.Martins Engineering College, Secunderabad
Webinar	Bigdata & Hadoop Eco System	1	23-05-2020	23-05-2020	SANT HIRDARAM GIRLS COLLEGE, Bhopal
FDP	Introduction to Data Science	5	18-05-2020	22-05-2020	Guntur Engineering College, Guntur
Workshop	Python for Beginners	1	19-05-2020	19-05-2020	Brain O Vision
Webinar	Future of AI	1	20-05-2020	20-05-2020	IETE-MUMBAI, In Association with PANTECH
Webinar	Application of Statistical Tools and Energy Engineering	2	20-05-2020	21-05-2020	SHREE L.R.TIWARI COLLEGE OF ENGINEERING , MUMBAI
Webinar	Internet of Things	3	06-05-2020	08-05-2020	PSNA College of Engineering and Technology in association with Bluetronics CoE
Webinar	Two Day National Level Online Workshop on ICT Tools for Teaching and Learning	2	15-05-2020	16-05-2020	K.G.R.L.College (A) Degree & PG Courses , Bhimavaram
Webinar	Successful Steps towards high quality Scientific Publications	1	18-05-2020	18-05-2020	Chalapathi Institute of Technology, Guntur
Webinar	The Future of Skills - Employment, Education & Entrepreneurship	1	12-05-2020	12-05-2020	ICT Academy
Webinar	Future of Education	1	11-05-2020	11-05-2020	ICT Academy
FDP	Advanced Python programming using Django	5	21-05-2020	25-05-2020	Malineni Lakshmiah Women's Engineering College, Guntur
ATAL FDP	Data Sciences	5	09-06-2020	13-06-2020	Central University of Kerala

**Some of My Major Research Publications are listed below :Total Publications/Presentations: 58)**

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

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

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

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*Date:*

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