

Dr. G.V.PADMA RAJU

Professor

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9491722805 



Educational Qualifications

Ph.D (Computer science) from Andhra University, Vishakhapatnam

M.Phil(Computer science) from University of Hyderabad, Hyderabad

Members of Professional Bodies

Member of ACM for the last 20 years.

Fellow IETE

Life member ISTE

Teaching Experience

Teaching Experience With in college: 36 Years

Total Teaching Experience : 36 Years

Research Experience

Publication Citation Index

Google Scholar :49 h-index: 04

Scopus/SCI :12 h-index: 02

Research Papers Published in Journals (13)

| S No | Author (s) Name | Title of the Research Paper | National/I nternational | Year of Public ation | Name of the Journal | Vol . | Issue. No | Pages (PP) |
|------|---|--|----------------------------|-------------------------------|--|----------|------------------|------------|
| 1. | K. Jwala, G.N.V.G Sirisha, G.V. Padma Raju | Developing a Chatbot using Machine Learning | Internat ional | 2019 | International Journal of Recent Technology and Engineering | 8 | 1S3 | 89-92 |
| 2. | G.N.V.G. Sirisha, G.V. Padma Raju, G. Amruta | Spam Detection on Online Social Media Networks | Internat ional | 2018 | International Journal of Engineering and Technology | 7 | 2.7 (or) 7 | 631-635 |

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|----|---|---|---------------|------|---|------|----|---------|
| 3. | Dasari Prasad, G.N.V.G. Sirisha, G. Mahesh, G.V. Padma Raju | Large-scale Sentiment Analysis Using Hadoop | International | 2017 | International Journal of Advanced Research Trends in Engineering and Technology | 4 | 12 | 6-10 |
| 4. | Vandarani Tarun, G.V. Padma Raju, G.N.V.G. Sirisha | An Efficient and Robust Embedded Digital Signature Based Data Sharing Scheme in Cloud Computing | International | 2017 | International Journal of Research | 4 | 14 | 545-551 |
| 5 | G. V. Padma Raju, P S Srinivasa Rao, Ch. Someswara Rao | In silico study in mitochondrial and chloroplast genomes of plants | International | 2016 | International Journal of Computer Engineering Research | 6 | 2 | 8-16 |
| 6 | G V Padma Raju et al. | Chloromito SSRDB 2.00:More genomes, more repeats, unifying SSR search patterns and repeats on-the-fly detection | International | 2015 | Data Base (Oxford University Press Journal) | 2015 | | 1-10 |
| 7 | G. V. Padma Raju, P. Srinivasa Rao & V. Chandra Sekhar | Computational Analysis of Microsatellite Repeats in Chloroplast Genomes | International | 2015 | Global Journal of Computer Science and Technology | 15 | 3 | 23-27 |
| 8 | K. Sri Rama Reddy G V Padma Raju | “‘X’ Chromosomal Miner” | International | 2015 | IJMER | 5 | 8 | 24-29 |
| 9 | Ch. Uma Maheswari, G.V. Padma Raju | “MS-Extractor: An Innovative Approach to Extract Microsatellites on ‘Y’ Chromosome” | International | 2015 | IJERD | 11 | 08 | 30-39 |
| 10 | G V Padma Raju, Srinivasa Rao Peri, Chandra Sekhar Vasamsetty | Gene Expression Analysis Methods on Microarray Data | International | 2014 | GJCST:CS&DE | 14 | 3 | 23-39 |

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|----|---|--|-------------------|------|--|----|----|-------|
| 11 | G.N.V.G. Sirisha M. Shashi G V Padma Raju | Periodic Pattern Mining – Algorithms and Applications | Internat ional | 2013 | Global Journal of Computer Science and Technology Software & Data Engineering | 13 | 13 | 20-28 |
| 12 | G.N.V.G. Sirisha G V Padma Raju | Performance evaluation of traditional focused crawler and accelerated focused crawler | Internat ional | 2009 | International Journal of systems and technologies | 2 | 1 | 61-69 |
| 13 | G V Padma Raju | Network Security- Current Perspectives and Future Concerns | Nationa l | 2003 | CSI Communications | | | |

Research Papers Published in Conferences (12)

| S No | Author (s) Name | Title of the Research Paper | National/I nternational | Year of Publicat ion | Name of the Journal | Pages (PP) |
|------|---|--|----------------------------|----------------------------|---|---------------|
| 1. | G.V. Padma Raju, P. Srinivasa Rao, Ch. Someswara Rao, V. Chandra Sekhar, Suresh B. Mudunuri | Microsatellite Repeats in Mitochondrial Genomes: A Bioinformatic Analysis | Internatio nal | 2015 | Proceedings of the 2015 International Conference on Advanced Research in Computer Science Engineering & Technology (ICARCSET 2015)ACM | 40-45 |
| 2. | G.N.V.G. Sirisha M. Shashi G V Padma Raju | Performance Analysis of Asynchronous Periodic Pattern Mining Algorithms | Internatio nal | 2014 | ICT and Critical Infrastructure: Proceedings of the 48th Annual Convention of Computer Society of India | 87-95 |
| 3. | Chinta Someswara Rao, Adavi Balakrishna, G V Padma Raju, K Suresh Babu, D Nageswara Rao | Implementation of Interactive Database System for STEP- Geometric Data from Express Entities | Internatio nal | 2010 | IEEE conference on computer science and technology | 537-542 |
| 4. | G V Padma Raju et al. | Implementation of Object Oriented Approach for Copyright Protection Using Hadamard Transforms | Internatio nal | 2010 | IEEE conference on Computer & Communication Technology | 473-480 |
| 5. | G V Padma Raju et al. | Implementation Of Interactive Data Knowledge Management And | Internatio nal | 2010 | Third IEEE conference on Emerging Trends in Engineering and Technology | |

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| | | Semantic Web For Step-Data From Express Entities | | | | |
| 6. | G.N.V.G. Sirisha G V Padma Raju | Effect of Feature Selection Method on the Performance of Focused Crawlers—A Case Study on Traditional and Accelerated Focused Crawlers | Internatio nal | 2010 | proceedings of International Conference on Networking and Information Technology, Manila | 482-487 |
| 7. | G.N.V.G. Sirisha G V Padma Raju | Performance evaluation of traditional focused crawler and accelerated focused crawler | Internatio nal | 2009 | Internatioanl conference on web sciences(ICWS 2009) | 41-45 |
| 8. | G.N.V.G. Sirisha G V Padma Raju | Topical crawler on mutual information features selection method | Internatio nal | 2008 | International conference on advanced computing technologies(ICAT2008) | 574-578 |
| 9. | G.N.V.G. Sirisha G V Padma Raju | Application of data mining techniques for intrusion detection | National | 2007 | National conference on Mobile computing and network security, VRSEC,Vijayawada | |
| 10. | G V Padma Raju | Grid computing security issues | National | 2007 | National conference on Information security, VRSEC,Vijayawada | |
| 11. | G V Padma Raju | An efficient protocol for certificate path validation | Internatio nal | 2005 | CIT 2006 Eight International conference on Information technology,Bhubaneswar | 289-294 |
| 12. | G V Padma Raju | Microprocessor based instrumentation for corrosion monitoring and control | National | 1990 | SRKR engineering college, Bhimavarm | |

Workshops/STTP Attended

1. Two day workshop on Robotic Process Automation, pega Systems, May 2019.
2. Two day workshop on Next Gen Technologies - An Integrated Approach, TCS Bangalore, May 2017.
3. Two day workshop on data warehousing and data mining, Andhra University, January 2013.
4. Two week AICTE refresher course on UML, Indur Institute of Technology, June 2010.
5. Three day Faculty Development Program on Software Industrialization, TCS Hyderabad, January 2008.

6. One day workshop on Data Mining, PVP Siddhartha, Vijayawada, December 2007.
7. Two day workshop on OOAD with UML and Rational Rose, Conducted by IBM at SRKREC, Bhimavaram, September 2006.
8. Three day workshop on DB2 fundamentals by IBM Academic Initiative, Conducted by IBM at SRKR, Bhimavaram, August 2006.
9. Two day Workshop on IBM Tivoli, Conducted by IBM at SRKR, Bhimavaram, and December 2006.
10. One week QIP STC program on E-Commerce, IISc, Bangalore, February 2006.
11. Three day Industry Oriented Software Engineering, Infosys & Jawaharlal Nehru center for Advanced research, Bangalore, January 2003
12. Two week MSIT mentor training program, APSICHE and Carnegie Mellon University, USA, June 2000
13. Two week Object oriented software engineering and Advanced data structures (STTP), IISc, Bangalore, November 1995.
14. Two week Object Oriented Programming and C++ (ISTE Summer School), PSG College, Coimbatore, June 1993.

Workshops Conducted

1. LeadingIndia.ai workshop on “Machine Learning and Deep Learning”, SRKR Engineering College, June 2018.
2. Outcome Based Education, IEEE IACC-2016, SRKR Engineering College, February 2016
3. Internet of Things, IEEE IACC-2016, SRKR Engineering College, February 2016.
4. AICTE sponsored three day workshop on “Mobile computing and Mobile application development”, SRKR Engineering College, November 2013.
5. Android workshop, SRKR Engineering College, January 2012.
6. IBM work shop on TIVOLI, SRKR Engineering College, December 2006.
7. Workshop on OOAD using UML and rational rose, SRKR Engineering College, September 2006.
8. IBM workshop on DB2, SRKR Engineering College, August 2006.

Details of Sponsored Research Projects

1. AICTE MODROBS grant for “Mobile & Cloud computing Lab”, Amount Sanctioned 7,70,000, year of sanction-2013.(Completed)

Details of Consultancies from Industry:

1. NetEnrich Projects, Amount Sanctioned- 320000, NetEnrich Technologies, Year of Sanction 2015 (completed)
2. NetEnrich Projects, Amount Sanctioned- 420000, NetEnrich Technologies, Year of Sanction 2016 (completed)
3. OpsRamph Projects, Amount Sanctioned- 420000, NetEnrich Technologies, Year of Sanction 2017 (completed)
4. OpsRamph Projects, Amount Sanctioned- 420000, NetEnrich Technologies, Year of Sanction 2018 (completed)

Awards

1. “Uthama Acharya” award by Bharath Nirman Trust, 2019.

Subjects Taught:

- Theory and technology of semiconductors
- Network Analysis & Synthesis
- Electromagnetic Field Theory
- Computer Organization & Microprocessors
- Data Communications
- Computer Programming & Numerical Methods(FORTRAN)
- Computer Programming & Numerical Methods(using C)
- Data Structures
- Design and Analysis of Algorithms
- Systems Programming
- Formal Languages & Automata Theory
- Compiler Design
- Image Processing
- Computer Graphics
- Parallel Algorithms
- Distributed Operating Systems
- Data Mining & Data Warehousing
- Microprocessors
- Object Oriented Programming
- Computer Networks
- Software Engineering Data Structures

- Design and Analysis of Algorithms
- Formal Languages and Automata Theory

Area of Interest:

- Algorithms
- Sequential Mining

Research Guidance

M.Tech Guidance

Number of M.Tech Guided : 20

Number of M.Tech Pursuing : 04

Any other Details

- National merit Scholarship Holder for 5 years in Intermediate and B.Sc
- Institute Merit scholarship for 2 years in M.Sc (at IIT Bombay)
- UGC Fellowship at University of Hyderabad