Dr.N.PADMAJA
gowripadma99@gmail.com
Ph: 0877-2254956
Cell: 9397854956
Current Location: Tirupathi

OBJECTIVE

Accomplished educator with demonstrated ability to teach, motivates, and directs students while maintaining high interest and achievement. Articulate communicator able to effectively interact with diverse populations of students at a variety of academic levels. Consistently maintain excellent relations with students, parents, faculty, and administrators. Self motivated with strong planning organizational and leadership skills.

Key Responsibilities Handled

Having 11 Years experience in Teaching Field. Currently working as an Academic consultant in the Department of Computer Science & Engineering, SE&T, SPMVV, Tirupati. Handled C, C++, Visual Basic, Database Management Systems, Systems Programming, Computer Networks, Artificial Intelligence, Natural Language Processing, Cryptography and Network Security, Data Mining, Big Data Analytics, Software project Management

- Guided 15-B.Tech Projects & 08-M.Tech Projects.
- Handled responsibilities of "VIRINCHI" event & acted as a Technical event coordinator.
- Coordinated Departmental activities.
- Member in the college convocation technical committee
- Member in Microsoft upskill program
- Convenor in organizing Celestra'23 ,A National Level Techfest Department of Computer Science and Engineering,School of Engineering and Technology, Sri Pdmavati Mahila Visvavidyalayam,Tirupati

Education

- **Ph.D**   –   **Computer Science,SPMVV, Tirupati completed July 2021** .
- **Master's Degree**   -   **M.Tech (CSE)-Acharya Nagarjuna University, Guntur.**
- **Master's Degree**   --   **MCA - S.V.U.College of Engineering, Tirupati.**
- **Bachelor Degree**   –   **S.P.W.Degree College, Tirupati.**

Teaching Experience

- Working as an Assistant Professor (Senior) at SPMVV School Of Engineering & Technology, Tirupati from June 2019 to till date.
- Working as an Assistant Professor (Senior) at SPMVV School Of Engineering & Technology, Tirupati from June 2018 to April 2019.
- Working as an Assistant Professor (Senior) at SPMVV School Of Engineering & Technology, Tirupati from June 2017 to April 2018.
- Worked as an Assistant Professor at SPMVV School Of Engineering & Technology, Tirupati from June 2016 to April 2017.
- Worked as an Academic consultant at SPMVV School Of Engineering & Technology, Tirupati from June 2010 to April 2016.
- Worked as a lecturer at M/s Seicom Degree and P.G College, Tirupati from July 2003 to April 2007.
- Worked as a lecturer at M/s vignanasudha Degree college, chittoor from June 1997 to May 1998.

Co-curricular

Book Chapters: **02**

S. No.	Name of the Chapter	Title of the Book	Year of Publication
1.	Multi-objective optimization for Efficient Software-Restructuring Using ELITE NSGA –III	Software Engineering Using Metaheuristic Algorithms	2020
2	Application of Big Data in forecasting the travel behaviour of International Tourists	Advances in computational and Bio-Engineering ,Learning and Analytics in Intelligent systems	2020

Patents:04

S. No.	Name of the Patent	Field of Invention	Year of Publication
1	Computer Implemented Method For Estimating Global Host Distance	Communication	**21-02-2020**
2	Cloud And Lo-Ra Wan Based Covid Patient Monitoring And Detection Technique In Hospital Facility Centers.	Health sector	**05-08-2022**
3	Design of an intelligent glasses based gadget assistive system for the Blind people by using tensor	Bio-Medical Engineering	**03/11/2023**

				23-08-2024
4	Interactive data visualization Device for market analysis			

Journals and Publications: **14**

S. No.	Name of the Journal	Title of the Paper	ISSN/ISBN Number	Year of Publication	Citations
1.	International Journal of Engineering Sciences Research-IJE-SR,vol .04	Providing Data Security in cloud computing using Public key Cryptography	ISSN: 2230-8504; e-ISSN-2230-8512	Jan,2013	__
2.	International Journal of Engineering Sciences Research-IJE-SR,vol .04	Review on New Technology-Quantum Cryptography	ISSN: 2230-8504; e-ISSN-2230-8512	Jan,2013	__
3.	IJCSME-SCSMB(International Journal of Computational Science and Engineering)	Application analysis of Data Mining tools in knowledge discovery techniques	ISSN: 2349-8439	Mar,2016	__
4.	ICIAEIT(International Conference on Innovative applications in Engineering and Information Technology)	Big Data Analytics with long range plan to process large data sets	ISSN: 2454-356X	Mar,2017	2
5.	IJSRCSEIT(International Journal of Research in Computer Science, Engineering & Information Technology)	Splitting and Grouping of Jobs in Map Reduction for various multi core processors	ISSN: 2456-3307	Sep 2017	1
6.	IJAEME (International Journal of Analytical & Experimental Modal analysis)	Real-Time Implementation on Geo –Spatial Localization for Flood Forecast during Emergency	ISSN: 2249-0701	Nov 2019	3
7.	AJCST (Asian Journal of Computer Science and Technology)	Big Data Analytics Implications for Smart Tourism	ISSN: 2249-0701	June 2019	2

		Destinations Towards the Enrichment of Content Tourism			
8	ASP Journal of Computational and Theoretical Nanoscience	A Systematic Review of Application of Big Data Analytics in Tourism Sector	Vol. 16, 1832–1838	2019	—
9	International Journal of Recent Technology and Engineering (IJRTE)	Predicting Travel Behaviour ofInternational and Domestic Tourists using Big Data	ISSN: 2277-3878, Volume-8 Issue-3,	2019	—
10	TEST (Engineering and Management)	Extracting Features for Opinion Mining using Pointwise Mutual Information	ISSN: 0193-4120 Page No. 6098 - 6118	December-2019	2
11	JCR(Journal of critical Reviews)	Prediction of tourist preferences based on hotel ratings using multiclass multilabel classification Approach	ISSN- 2394-5125,vol 7,Issue 11	2020	3
12	ELSEVIER	A comparative analysis of long range and NB-IoT in terms of quality of connectivity		2021	—
13	Design Engineering(Scopus)	Machine learning models for prediction of consumer behaviour-A Systematic Review	ISSN – 0011-9342	2021	—
14	Web of Science	Real Time Sign Language Detection System Using Deep Learning Techniques	DOI:https://doi.org/10.47750/pnr.2022.13.S01.126	2022	2

Resource Person: 02

1. Served as Resource Person for Diploma in Nutrition and Early Childhood Education (YASHODA) for the Department of Computer Science –Women Development & Child Welfare Department,Chittoor&SPMVV,Tirupati

2. Served as Resource person for Digital Education Technology Enaled Teaching and Learning,Government of Andhra Pradesh ,School Education Department .

Papers presented at Seminars/Conferences: 13

S. No.	Name of the Journal	Title of the Paper	Year of Publication
1.	National Conference , Computer Science Engineering and Applications,SPMVV	Data Accessing and Insuring distributed accountability in Cloud	Nov,2012
2.	International Journal of Engineering Sciences Research-SPMVV	Providing Data Security in cloud computing using Public key Cryptography	Jan,2013
3.	International Journal of Engineering Sciences Research-SPMVV	Review on New Technology-Quantum Cryptography	Jan,2013
4.	International Conference on Statistics and Information Technology for growing Nation-SVU	Horizontal collection of Data in SQL and preparing Data sets for analysis in Data Mining	Dec,2014
5	National Conference on Advanced Computing Innovations,KMM Institute of Post Graduate studies	Privacy Preserving Public auditing for share data in the Cloud	April 2015
6.	National Conference on Advanced Trends in Cloud Computing, ChadalawadaRamanamma Engineering College	Multi-Cloud Based Framework for Enhanced service Accessibility and Security	Jan 2016
7.	IJCSME-SCSMB(International Journal of Computational Science and Engineering)	Application analysis of Data Mining tools in knowledge discovery techniques	Mar,2016
8.	International Conference on Advanced Engineering and Technology	Time Sequence scheme for ideal transmit in remote systems	Oct,2016
9.	ICIAEIT(International Conference on Innovative applications in Engineering and Information Technology)	Big Data Analytics with long range plan to process large data sets	Mar,2017
10.	International Conference on Universal Computing, Communication and Data Engineering-SPMVV	Rack based privacy preserving algorithm uses cryptographic scheme for over load balancing in hadoop map reduce	Feb,2018

S. No.	Name of the Journal	Title of the Paper	Year of Publication
11.	National Conference on Developments in Information & Communication Technology for emerging regions –Organized by Dept of Computer Science, SPMVV	Creating significance from Big Data Inference designed for smart Tourism	Jan,2019
12.	International Conference on Computing, Communications & Data Engineering –Organized by Dept of Computer Science, SPMVV	Creating an importance from social Big Data –an Inference for smart Tourism	Feb,2019
13.	International Springer Conference on Computational & Bio Engineering -SPMVV	Big Data in Forecasting the travel behaviour of International- Tourists	Dec,2019
14	IEEE International conference on Multidisplinary Research in Technology and Management	Analyzing the Performance of Data Compression Techniques in Big Data Processing by Investigating Compression Ratio, Throughput, and Processing Time for Efficientt Data Management	Sept,2023

Participated in Workshops : 13

1. Participated in UGC-SAP DRS II LEVEL Work shop on "Software Based Statistical Analysis Using SPSS" conducted by Department of communication and Journalism, SPMVV, from 20th to 26th December 2010 Tirupati.

2. Participated in Two-week ISTE workshop on "Database Management Systems" conducted by Indian Institute of Technology Bombay from 21st to 31st May ,2013.

3. Participated in National Workshop on Artificial Intelligence & Robotics (NWAR) from 26-27, March 2014.Conducted by Department of CSE&IT SE&T,SPMVV, Tirupati.

4. Participated in two-day National Workshop Big data analytics & Tools organized by Department of Computer Science and Engineering, Sri Venkatesa Perumal College of Engineering & Technology, Puttur from 6th Oct to 7th Oct 2016.

5. Participated in One Day National workshop on New Innovations in Cloud Computing for Big Data Applications organized by Department of Information Technology, SreeVidyanikethan Engineering College,Tirupati on 13th Aug 2016.

6. Participated in two-day National level Hands on Workshop on Latex organized by Department of Computer Science and Applied mathematics on 28th -29th March 2018.

7. Participated in three-day National level Hands on Workshop on Big Data Analytics and IOT organized by SSIIE-TBI, SPMVV on 27th to 29th April 2018.

8. Participated in one week National level Hands on Workshop on Big Data Analytics and Start-Ups organized by SSIIE-TBI, SPMVV on 1st to 7th December 2018.

9. Participated in one week National level Hands on Workshop on Python and Data Science organized by CURIE-AI, SPMVV from 2nd to 7th March 2019.

10. Participated in One Day National workshop on Scilab organized by ICT, IIT Bombay and funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India on 4th May 2019.

11. Participated in One Day National workshop on LINUX organized by ICT, IIT Bombay and funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India on 23rd August 2019.

12. Participated in One Day National workshop on R organized by ICT, IIT Bombay and funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India on 9th November 2019.

13. Participated in One Day National workshop on C and C++ organized by ICT, IIT Bombay and funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India on 29th February 2019.

14. Participated in the National Seminar on NEP-2020 : A Road map to Revamp to the Indian Education system held during 22nd to 23rd march 2022

Participated in FDP- 17

1. Faculty Development Program certified by Computer Society of India Jointly with MICROSOFT, conducted by VELS University, Chennai from 3rd& 4th February 2012.

2. Participated Winter Training Program in GEOSPATIAL TECHNOLOGIES AND APPLICATIONS from 5th February to 25th February, 2014 .Conducted by SPMVV, Tirupati.

3. Participated in the Training Programme on "Intensive Soft Skills & Employability Skills"organised by C2c in collaboration with School of Engineering &Technology,SPMVV, Tirupati from May 9th to May 15th 2015

4. Participated in National Conference on Energy Security through new and renewable energy resources from 27th to 29th July 2015, conducted by SOET,SPMVV& SVU College of Engineering,Tirupati

5. Participated in One day faculty development program on Data Analysis using SPSS organized by KKC Group of Institutions,Puttur on 12th Nov 2016.

6. Participated in Two day faculty development program on Web Technologies organized by SreeVidyanikethan Engineering College,Tirupati on 23rd& 24th Sept 2016

7. Participated in the two-day Training programme on "Life Skills Education "Sponsored by Govt. Of Andhra Pradesh RUSA held during 28th& 29thMarch 2016.

15. Participated in a Two-Week ISTE STTP on "Introduction to Design of Algorithms" conducted by Indian 'Institute of Technology Kharagpur form 27th April to 30th April 2016.

16. Completed 8 week online certification course in Programming, Data Structures & Algorithms using Python on Jan to Mar 2019.

17. Participated in Short term training Program through ICT Mode on NBA Accreditation organized by SPMVV from 22nd April 2019 to 26th April 2019.

18. Participated in Short term training Program through ICT Mode on Introduction to Artificial Intelligence organized by SPMVV from 6th May 2019 to 10th May 2019.

19. Participated One week National level Faculty Development Program on "Overview of AI and its Applications in Speech processing" organized by Department of Electronics and communications Engineering, Chebrolu Engineering college from 1st June 2020 to 5th June 2020

20. Participated Five day National Faculty Development Program on "PERL Scripting" organized by Department of Computer Science and Engineering Lord's Institute of Engineering &Technology,Hyderabad in association with Spoken tutorial IIT-B from 10th June 2020 to 14th June 2020

21. Participated in Faculty Development program on "Data Science" organized by Andhra Pradesh Skill Development Corporation(APSSDC) from 1st June 2020 to 30th June 2020

22. Participated in one week Faculty Development Program on "Emerging Technologies and changing Scenario on material research"organized by Santhiram Engineering college,Nandyal from 27th July 2020 to 1stAugust 2020

23. Participated in National Level Faculty Development Program on

"SPSS & Origin " organized by SPMVV from   29th August 2020 to 31st August

24. Participated in online FDP on "NAAC revisedAccrediation frame work
an overview ",organized by IQAAC,SPMVV,Tirupati on Sept 14th to 19^{th,} 2020

25. Participated in online webinar on "IPR-Impact on Innovation"organized by school of
Engineering and Technology,Dept of Law&IIC on 15th December 2020.

26. Participated in webinar on "Artificial Intelligence and Machine Learning"on march
16th,2021 organized by Dept of CSE,SOET,SPMVV.

27. Participated in FDP on " Machine learing using Python" on October 11th to 13th
2021,organized by APSSDC

28. Participated in one week FDP on"Amazon Web Services" on   August 22nd to 27th
2022,organized by BrainoVision solutions & SVEC,Tirupati

29. Participated in one week National level Faculty Development program on "Cloud
Infrastructure (AWS) " 21ST TO 25TH August 2023,organized by   Brainovision
Solutions India and All India council for Technical Education(AICTE)

SHORT TERM TRAINING PROGRAMS :

1.Participated in "Advanced training program on "Teaching "from February 9th to 15th
2021, organized by Dept of CSE,Malla Reddy Engineering college, Hyderabad.

2. Participated in AICTE Sponsored online short term training program on
"Recent trends in CSE Phase-I "organized by Dept of CSE from February 22nd to 27th
2021, at ST.Marrys women's college

3. Participated in "Recent trends in CSE Phase-III",Organized by Dept of CSE from
March 22nd to 27th,2021, St.Marrys women's college .

TECHNICAL SKILLS

Languages & Packages   : C, C++, COBOL, PASCAL, JAVA, Visual Basic,
                                 FOXPRO, Python
Operating Systems   : MS DOS, Unix, Win 95, 98, 2000, XP, 2010, Vista , Ubuntu
Data Bases   : Oracle8.0, 10g, forms, MYSQL

CAPABILITIES

- Good communication skills and inter personal skills.
- Capable to research and implement new leading technologies.
- Self-Motivate and hardworking.

PERSONAL DETAILS

Name   : Dr N.Padmaja
Languages known   :   English, Hindi, Telugu, Kannada
Marital Status   : Married
Father's Name   : Late N.Sugayya
                                       Retd. Professor in Engineering College,
                                       SVU, Tirupati.
Present Address   : 216,Gandhi road, Tirupati-517501
                                      Andhra Pradesh

                                                                                    N. PADMAJA