

Name : Mrs. R.S. PADMA PRIYA
Designation : Assistant Professor (SG)
Department : Computer Technology
Qualification : M.Sc., M.Phil., (Ph.D.)
Experience : Teaching: 14.9 Years
Area of Specialization(s) : Data Mining, Big Data
Email (Official ID) : padmapriya@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	Hindusthan College of Arts and Science, Coimbatore	Pursuing
M.Phil.	Computer Science	RVS College of Arts and Science, Coimbatore	November 2011
M.Sc.	Computer Science	Dr.N.G.P.Arts and Science College, Coimbatore	April 2007
B.Sc.	Computer Science	Dr.N.G.P.Arts and Science College, Coimbatore	April 2005

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Online Certificate	Introduction to C++ Programming	NPTEL	2015
	Yoga Exercises for core strength and flexibility	ALISON	2020
	R for Data Analysis		2018
	Adobe Photoshop CS6 Essential Tools		2017
	Diploma in Psychology		2015
	The Online Marketing Fundamentals		Google Digital Unlocked.

Other Publications: International / National Journals

- R.S.Padma Priya , P.Senthil Vadivu “A Novel Adaptive Mutation Enhanced Elephant Herding Optimization based Feature Selection and Kernel Extreme Learning Machine Classifier for Breast cancer diagnosis”, Turkish Journal of Computer and Mathematics Education(TURCOMAT) , June 2021.
- R.Rajeswari, R.S.Padma Priya “Rheumatoid Arthritis (RA) Using Hybrid Artificial Bee Colony (HyARBC) Of Fuzzy Cognitive Map (FCM) (HyARBC-FCM) with Gene Datasets” , International Journal of Psychosocial Rehabilitation, March 2020.
- R.S.Padma Priya , P.Senthil Vadivu “Review on Data Mining Techniques for Prediction of Breast Cancer Recurrence”, International Journal of Engineering and Management Research(IJEMR) , June 2019.
- R.S.Padma Priya , P.Senthil Vadivu “Prediction of Breast Cancer by means of enhanced Feature Selection and Classification” International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) June 2019.
- R.Rajeswari, R.S.Padma Priya , “Detection of Autism Spectrum Disorder (ASD) with Machine Learning Classification using Firefly algorithms”, International Journal of Computer Science and Engineering, Volume: 07, Issue: 05, May 2019, ISSN : 2347-2693.
- R.S.Padma Priya "An Analysis on Data Mining Tools for Business Applications and Research" International Journal of Advanced Research in Data mining and Cloud Computing Volume:03, Issue 8, August 2015, ISSN: 2321-8754
- R.S.Padma Priya, T.Girija "Comparative Study on various MAC Protocol for Wireless Networks" International Journal of Advanced Research in Information and Communication Engineering, Vol. 2, Issue 11, November 2014, ISSN: 2321-8762
- B.Narasimhan, R.S.Padma Priya,“Fuzzy Logic Based Energy Aware Clustering Protocol for Heterogenous Mobile AdHoc Networks” International Journal of Advanced Research in Computer Science & Software Engineering, Vol. 3, Issue 4, April 2013.

Presentations in Conference

- “Breast cancer Prediction using SVM Classifier and KNN Algorithm”, Second International Conference on Research Trends in Computing Technologies, Dr.N.G.P.Arts and Science College,28-Feb-20 to 29-Feb-20.
- “Prediction of Breast Cancer using Enhanced Feature Selection and Classification Techniques”, International Conference on Advances in Information Technology and Networking, Dr. G R Damodharan College of Science, 07-Feb-20.
- “Diabetes Mellitus (DM) Prediction and Classification Using Bat Optimization Based on Adaptive Neuro-Fuzzy”, Fifth International Conference on Computer Applications and Information Technology, Hindusthan College of Arts and Science, 24-Jan-19.
- “Exploration of Content Management Systems using Open Source Tools” National Conference on Recent Trends in Computing Technologies, PSGR Krishnammal College for Women, 10-Sep-18.
- “An Efficient Approach for Attribution and Characterization of Medicinal Information standards utilizing Class-based Clustering of Therapeutic records”, International Conference on Recent Trends in Computing Technologies (ICRTCT’18), PKR Arts College for Women, 16-Aug-18.
- “Novel Clustering and Visualization for Data Mining" in the National Conference on Networks, Intelligence and Computing Systems (NCNICS’14) held at Dr.SNS Rajalakshmi College of Arts and Science College on 28- Feb-14.
- “A Novel Secured and Authenticated MPI for distributed Clusters”, International Conference on Information and Image Processing, Sankara College of Science and Commerce, 26- Feb-14.
- "Web Mining", National Conference on 'Management in New Era - Issues & Challenges'" held at GRD College of Science, 14-Feb-13.
- "Steganography", Proceedings of National Conference on Recent Trends in Networking and Communication", Held at RVS College of Arts and Science on 04-March-09.

Participation in Conference

National

- Emerging Education Models for 21st Century Learner, Dr.N.G.P. Arts and Science College, 01-Aug-15.
- Cyber Security Awareness and Defense Techniques , Dr.N.G.P. Arts and Science College , 25-Aug-14.
- Research Issues in Computer Applications, Dr.N.G.P. Arts and Science College, 21-Feb-14.
- Research in Computers: Why, What and How ? , Bharathiar University, Coimbatore, 11-March-13.
- Achieving Academic Excellence through Internal Quality Assurance Cell (IQAC), Dr.N.G.P. Arts and Science College, 09-12-11 to 10-12-11.
- Issues in Higher Education, Association of Principals of Colleges and UGC – Academic Staff College Bharathiar University at Dr.N.G.P. Arts and Science College, 29-Oct-10.
- Multimedia Signal Processing and Networking, Dr.N.G.P. Institute of Technology,30-Oct-10.
- Research Methodology in Computer Science and Engineering, Sri Vasavi College, Erode,27-Feb-09 to 28-Feb-09.

Participation in Workshop

- Basics of Networks ,Rathinam Technical campus, 10-October-2020.
- Statistical Analysis using R, Bharathiar University, Coimbatore, 06-Sep-19 to 07-Sep-19.
- Big Data and Hadoop, MIT, Chrompet, Chennai, 30-June-18 to 01-July-18.
- ICTACT Youth Leadership Summit 2015, ICT Academy of Tamilnadu, Codissia Trade Fair Complex, 23-Sep-15.
- Current Trends and Directions in Computer Science Research, Science Academies, Dr.N.G.P. Arts and Science College, 03-Oct-13 to 05-Oct-13
- Art of Research, PSG College of Technology, 24-Aug-13.
- Mission 10X - Enhancing Teaching Skills, WIPRO at Dr.N.G.P. Arts and Science College, 06-Aug-13 to 08-Aug-13.
- Research Issues in Digital Image Processing, Science Academies, Dr.N.G.P. Arts and Science College, 25-Sep-12 to 26-Sep-12.
- MATLAB Programming, Kongu Engineering College, Erode, 31-Aug-12 to 01-Sep-12

Participation in Faculty Development Programme

- “Fundamentals of AI (Online LIVE FDP)”, ICT Academy, 13-Sep-2021 to 17-Sep-2021.
- “Secrets of Human Bio Energy fields & sub conscious mind(Online)”, Sona College of Technology , 12-July-2021 to 16-July-2021.
- “Potential role of Yoga and its allied techniques in managing health and lifestyle diseases (Online)”, KIIT Deemed to be University, Odisha,20-June-2021 to 26-June-2021.
- “Research and Application Perspectives of Artificial Intelligence” , KPR Institute of Engineering and Technology and Sree Saraswathy Thiagaraja College, 16-June-2021 to 21-June-2021.
- “Research Methodology and Pedagogy for Tertiary Education(Online)”, Dr. N.G.P.Arts and Science College, 15-June-2021 to 21-June-2021.
- Digital Knowledge Series Season 2 “Learning in VUCA World” , by ICT Academy , 20-April-2020 to 24-April-2020
- “Quality Initiatives in Higher Education” , Consortium of Colleges, 13-April-2020 to 20-April-2020.
- Digital Knowledge Series : Season 1“Technology for Future”, by ICT Academy , 09-April-2020 to 18-April-2020
- “NAAC Revised Accreditation Framework and OBE Assessment Methodology”, Dr. N.G.P.Arts and Science College, 27-May-2019 to 02-June-2019.
- “Data Science and Big Data Analytics”, ICT Academy, Dr. N.G.P.Institute of Technology, 10-Dec-18 to 14-Dec-18.
- “Traits for Teaching Professionals”, Dr. N.G.P.Arts and Science College, 06-March-18.
- “Embedding Entrepreneurship in Curriculum”, Dr. N.G.P.Arts and Science College, 06-March-18.
- “Cyber Security”, Dr. N.G.P.Arts and Science College, 21-Feb-18.
- “Social Survey”, Dr. N.G.P.Arts and Science College, 20-Feb-18.
- “Case Study Analysis, IQAC & Center for Research”, Dr. N.G.P.Arts and Science College, 20-Feb-18.
- “E- resources for Research , Flipped Class room, Kalandhorum Kalvi”, Dr. N.G.P.Arts and Science College, 10-Feb-18
- “Examination reforms towards OBE”, Dr. N.G.P.Arts and Science College, 19-Jan-18
- “Strategies and approaches for revised NAAC Guidelines”, Dr. N.G.P.Arts and Science College, 18-Jan-18.
- “Scientific writing and IPR”, Dr. N.G.P.Arts and Science College, 03-Jan-18

- “Intellectual Property Rights and Innovation”, Dr. N.G.P.Arts and Science College, 28-Oct-17
- “Performance Dimensions for Teachers”,Dr. N.G.P.Arts and Science College,05-Nov-16.
- “Total Quality Teacher”, Dr. N.G.P.Arts and Science College, 04-Nov-16.
- Innovative practices in autonomy; Documentation for assessment and accreditation, Dr. N.G.P.Arts and Science College, 03-Nov-16.
- Resilience and Happy Living, Dr. N.G.P.Arts and Science College, 02-Nov-16.
- Research and Higher Education, Dr. N.G.P.Arts and Science College, 01-Nov-16.
- Moral Values in Teaching, Dr. N.G.P.Arts and Science College, 16-July-16
- Teacher Student Relationship: Psychological Dimensions, Dr. N.G.P.Arts and Science College, 02-July-16.
- Teaching Learning: A New Paradigm, Dr. N.G.P.Arts and Science College, 25-June-16.
- LEARNBHARATHI, TCSion, Hindusthan College of Arts and Science, Coimbatore, 22-Aug-14.
- Enterprise Resource Planning using SAP B1, Dr.N.G.P.Institute of Technology, 31-July-10.

Conference / Seminar / Workshop Organized

- Convener, Vigilance Awareness week, in association with NSS and YRC, Dr.N.G.P.Arts and Science College, 26-Oct-2021 to 01-Nov-2021
- Convener, Road Safety Awareness week, in association with NSS and YRC, Dr.N.G.P.Arts and Science College, 08-Feb-2021 to 14-Feb-2021
- Convener, International Women’s Day, Dr.N.G.P.Arts and Science College, 09-March-2020
- Organizing Committee member, International Conference on Research Trends in Computing Technologies, Dr.N.G.P.Arts and Science College, 28-Feb-2020 to 29-Feb-2020.
- Convener, Girl Child Safety Day, Dr.N.G.P.Arts and Science College , 24-Feb-2020
- Organizing Committee member, International Mother Language Day, Dr.N.G.P.Arts and Science College, 21-Feb-2020
- Convener, World Cancer Day, Dr.N.G.P.Arts and Science College , 04-Feb-2020
- Convener, Yoga Orientation Programme, Dr.N.G.P.Arts and Science College , 27-Jan-2020 to 29-Jan-2020 & 03-Feb-20 to 05-Feb-2020
- Convener, Pongal Celebrations, Dr.N.G.P.Arts and Science College , 09-Jan-2020
- Convener, National Youth Day, Dr.N.G.P.Arts and Science College, 08-Jan-2020
- Convener, Nai Talim Week(Gandhi Jayanthi Celebration) ,Veeriyamapalayam & Dr.N.G.P.Arts and Science College , 02-Oct-19 to 05-Oct-19
- Convener, World Tourism Day, Dr.N.G.P.Arts and Science College , 27-Sep-19

- Organizing Committee Member, National Conference on Emerging Trends in Mathematics with Computer Applications, Dr.N.G.P.Arts and Science College , 12-Sep-19 to 13-Sep-19
- Convener, Onam Celebration, Dr.N.G.P.Arts and Science College , 07-Sep-19
- Organizing Committee member, RYLA Youth Leadership Awards, Dr.N.G.P.Arts and Science College, 04-Sep-19
- Organizing Committee member, Ramalingar Pani Mandram State Level Literary Competitions, Dr.N.G.P.Arts and Science College , 31-Aug-19
- Convener, World Photography Day, Dr.N.G.P.Arts and Science College, 19-Aug-18
- Convener, Dr.APJ Abdul Kalam Memorial Day , Dr.N.G.P.Arts and Science College , 27-July-19
- Convener, Stress Management Workshop, Dr.N.G.P.Arts and Science College , 11-July-19 to 12-July-19 & 15-July-19 to 16-July-19
- Convener, International Yoga Day, Dr.N.G.P.Arts and Science College , 21-June-19
- Organizing Committee member, DBT sponsored National Workshop on Data Analytics and its Application in Biotechnology, Dr.N.G.P.Arts and Science College, 14-Feb-19 to 15-Feb-19.
- Convener, Open Book Test, National Youth Day, Dr.N.G.P.Arts and Science College , 09-Jan-19
- Convener, Yoga Orientation Programme, Dr.N.G.P.Arts and Science College , 09-Jan-19 to 12-Jan-19 & 18-Jan-19 to 21-Jan-19.
- Organizing Committee member, National Level Technical Symposium CYBERTRON, Dr.N.G.P.Arts and Science College,05-Jan-19
- Organizing Committee member, International Conference on Research Trends in Computing Technologies, Dr.N.G.P.Arts and Science College, 09-Aug-18 to 10-Aug-18.
- Organizing Committee member, Ramalingar Pani Mandram State Level Literary Competitions, 22-July-18
- Convener, International Yoga Day, Dr.N.G.P.Arts and Science College, 21-June-18
- Organizing Committee member, RYLA Youth Leadership Awards, Dr.N.G.P.Arts and Science College, 12-Feb-18.
- Organizing Committee member, Sister Niveditha 150th Birth Anniversary Ratha Yathra, Dr.N.G.P.Arts and Science College, 22-Jan-18.
- Organizing Committee member, National Level Technical Symposium CYBERTRON, Dr.N.G.P.Arts and Science College,01-Feb-18
- Organizing Committee member, International Yoga Day, Dr.N.G.P.Arts and Science College, 21-June-17.

- Organizing Committee member, National Level Technical Symposium CYBERTRON, Dr.N.G.P.Arts and Science College,09-Feb-17
- Organizing Committee member, Ramalingar Pani Mandram State Level Literary Competitions, Dr.N.G.P.Arts and Science College, 27-July-17
- Organizing Committee member, National Level Technical Symposium CYBERTRON, Dr.N.G.P.Arts and Science College,05-Jan-16
- Organizing Committee member, Ramalingar Pani Mandram State Level Literary Competitions, Dr.N.G.P.Arts and Science College, 29-Aug-15
- Organizing Committee member ,Yoga Training Camp, International Yoga Day, Dr.N.G.P.Arts and Science College , 09-June-15 to 12-June-15
- Organizing Committee member, Second International Conference on Research Trends in Computer Technologies, Dr.N.G.P.Arts and Science College,30-Jan-14 to 31-Jan-14
- Organizing Committee member, First International Conference on Research Trends in Computer Technologies, Dr.N.G.P.Arts and Science College,30-Jan-13 to 31-Jan-13

Webinar Organized

- International Yoga day celebration on “Yoga in healthcare and Stress management” , 22-June-20
- World Suicide Prevention Day Webinar “Create Hope through Action”, 10-Sep-20
- Webinar on “Happiness Decoded”, 12-Oct-20
- Webinar on “Relationship and Responsibilities”, 27-Nov-20
- Webinar on “Penmaiyan Peranmai”,05-June-21
- Webinar on “Vaazhviyal Vilumiyangal” 07-June-21
- Webinar on “Stress Management”, 09-June-21
- Webinar on “Ilakkiyamum Vaazhviyalum”, 09-June-21
- Webinar on “ Covid-19 Myths and Facts”, 14-June-21
- International Yoga day celebration on “Yoga in Life Skills” , 21-June-21
- World Mental Health Day webinar on “ Mental well being in the crisis situation”, 12-Oct-21