

**Name:** Dr.B. Ramya

**Designation:** Assistant Professor

**Department:** Computer Applications

**Qualification:** M.C. A., M. Phil., Ph. D

**Experience:**

Teaching: 12.5 Years      Industry: 2 Year

Research: 4



**Area of Specialization(s):** Networking ,Artificial Intelligence

**Email (Official ID):** [ramyab@drngpasc.ac.in](mailto:ramyab@drngpasc.ac.in)

### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	Bharathiar University	2020
M. Phil.	Computer Science	Sri Ramakrishna College of Arts and Science for Women, Coimbatore	2010
M. C. A	Computer Applications	Bharathiar University	2006
B. Sc.	Computer Science	CMS College of Science and Commerce	2002

### Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
NPTEL	Cloud Computing	IIT Karaghpur	2017
NPTEL	Introduction to Internet of Things	IIT Karaghpur	2020

### Research Publications (Indexed)

- B. Ramya & Dr.K. Arthi, "INTENSIVE DISEASE SUPPORT MEASURE BASED EFFICIENT DISEASE PREDICTION USING ARTIFICIAL NEURAL NETWORK", International Journal of

Pure and Applied Mathematics, Vol. 120 No. 5 Special Issue, pp. 160-161, September 2018, ISSN: 1314-3395, (Indexed in SCOPUS).

- B. Ramya & Dr.K. Arthi, “ Multi feature malignant weight-based mammogram classification with ANN using fuzzy rules” International Journal of Engineering & Technology, Vol 7(4) 2018, 4813-4818 doi: 10.14419/ijet. v7i4.24797, (Indexed in SCOPUS).

#### **Other Publications: International / National Journals**

- Ramya.B “A REVIEW ON BREAST CANCER DETECTION USING ARTIFICIAL NEURAL NETWORK” International education and research journal, Vol. 3, Issue. 6, pp. 160-161, June 2017, ISSN: 2454-9916,
- Ramya B “ A REVIEW STUDY ON ARTIFICIAL IMMUNE SYSTEM AND ITS APPLICATIONS” International Journal of Emerging Technologies in Computational and Applied Sciences ,Special Issue ,ISSN : 2279-0055.
- Ramya B “ PERFORMANCE EVALUATION OF BANDWIDTH IN MANET” International Journal of Emerging Technologies in Computational and Applied Sciences ,Special Issue ,ISSN 2279-0055

#### **Presentations in Conference**

- A Survey on Hand Tracking and Gesture Recognition by Multiple Contactless Sensors” National Conference on Advanced Computing Sciences” Dr. N.G.P Arts and Science College Coimbatore” on March 16<sup>th</sup> 2023.
- BREAST CANCER DIAGNOSIS AND PROGNOSIS USING MACHINE LEARNING WITH APPLICATIONS A REVIEW, International Conference on Research Trends in computing technologies,Dr.N.G.P Arts and Science College on 9-Aug-18 to 10-Aug-18.
- DIGITAL IMAGE PROCESSING TECHNIQUES FOR BREAST CANCER DETECTION, National Conference on Emerging Trends in Big Data Technologies and Research Issues ,24-Feb-18

- RUMOR SPREADING IN REPUTATION SYSTEMS FOR MOBILE AD-HOC NETWORKS, National Conference on Information and communication technologies for environmental sustainability ,PSGR Krishnammal College for Women, 5-Feb-16.
- APPLICATION OF FUZZY COGNITIVE MAP USING MULTI OBJECTIVE FIRE FLY ALGORITHM FOR YIELDING CROPS USING SOFT COMPUTING TECHNIQUES, International Conference, Karpagam college of Engineering, 9-Jan-15.
- A REVIEW STUDY ON ARTIFICIAL IMMUNE SYSTEM AND ITS APPLICATIONS, International Conference,RVS Technical Campus, 20-Dec-13 to 21-Dec-13.

#### **Participation in Conference**

- International Conference on Research Trends in computing technologies, Dr. N.G.P. Arts and Science College, Coimbatore, 9-Aug-18 to 10-Aug-18.
- National Conference on Information and communication technologies for environmental sustainability, PSGR Krishnammal College for Women 5-Feb-16
- National Conference on Research Issues in Computer Applications, Dr. N.G.P. Arts and Science College, Coimbatore, 21-Feb-14.

#### **Participation in Workshop**

- MATLAB for Solving Research Problems, Dr.N.G.P Arts and Science College, 31-Jul-17.
- Medical Image and signal Processing using MATLAB : A Research Perspective, Kongu Engineering College, 18-Feb-17
- Research challenges and security issues in wireless networks, Dr.N.G.P Institute of technology, 7-Nov15 to 11-Nov-15.
- Data Mining Tools, Dr.N.G.P Institute of Technology, 29-Dec-12 to 30-Dec-12.

#### **Participation in Faculty Development Programme**

- Online FDP on “Research Methodology and Pedagogy for Tertiary Education”, Dr.N.G.P. Arts and Science,15-Jun-21 to 21-Jun-21.
- QUALITY INITIATIVES IN HIGHER EDUCATION, Dr. N.G.P. Arts and Science College, Coimbatore, 3-Dec-18 to 9-Dec-18.
- Fundamentals Of RPA ,conducted by ICT Academy on 04 Oct 2021 to 08 Oct 2021.
- One Week Online International FDP on Next Generation Computing : Key Trends, Challenges and Opportunities organized by the Department of Computer Science & Applications (MCA), SRM Institute of Science & Technology, Ramapuram Campus from 18-Apr-22 to 23-Apr-22.