

## CURRICULUM VITAE

Name : Dr. S. RATHNADEVI  
Designation : Assistant Professor  
Qualification : M.C.A., M.Phil., Ph.D.,  
Date of Birth : 25.05.1976  
E-mail ID : [rathnajjc@gmail.com](mailto:rathnajjc@gmail.com)  
Mobile Number : 9500711845 / 6379663440  
Address : No.64 Lakshmi Nagar III Street,  
Samathuvapuram Road,  
Pudukkottai – 622 005  
Teaching Experience : 20 Years



S.No	Name of the Institution	Period of Service
1.	J.J. College of Arts and Science (Autonomous)	08.03.2000 to Till Date

### Publications

1. **S. Rathnadevi and Dr.T.N. Ravi** , “A Survey on Brain Tumor Detection and Segmentation”- International Journal of Advance Research in Computer Science and Management Studies-Volume 4, Issue 9, pp:49-53, September 2016.
2. **S. Rathnadevi and Dr.T.N. Ravi** , “An Innovative Enhanced Preprocessing Technique (IEPT) For MRI And CT Scan Brain Images”- International Journal of Pure and Applied Mathematics Volume 119, Issue 12, pp:16125-16129,May 2018. [**Scopus Indexed**]
3. **S. Rathnadevi and Dr.T.N. Ravi** , “An Investigation into Brain Tumor Segmentation Techniques”- International Journal of Data Mining Techniques and Applications Volume: 07, Issue: 01, pp:124-129, June 2018.

4. **S. Rathnadevi and Dr.T.N. Ravi**, “An Efficient Feature Extraction Technique (EFET) for identifying tumor in Brain images”- International Journal of Pure and Applied Mathematics Volume 119 No. 1- pp:631-637, ISSN: 1314-3395-2018. [**Scopus Indexed**].
5. **S. Rathnadevi and Dr.T.N. Ravi** , “An Automated Hybrid Classification and Prediction Technique (AHCP) For Identifying Brain Tumors from Images” has published in International Journal of Innovative Science and Research Technology Volume 3, Issue 11, , pp:393-400, ISSN No:-2456-2165 November – 2018.
6. **S. Rathnadevi** , “An Innovative Technique for Brain Tumor Detection using FM and KFCM” has published in International Journal of Analytical and Experimental Modal Analysis Volume XI, Issue XI, pp:1537-1543, ISSN No:-0886-9367 November – 2019. **A ( UGC-CARE Approved Group-A Journal.**
7. **S. Rathnadevi** , “An Enhanced Prprocessing Technique for MRI Brain Images” has published in International Journal of Analytical and Experimental Modal Analysis Volume XI, Issue XI, pp:1530-1536, ISSN No:-0886-9367 November – 2019. **A ( UGC-CARE Approved Group-A Journal.**

#### **Paper Presentation in Conference/Seminar/Workshop**

<b>S.No.</b>	<b>Presented/ Participated</b>	<b>Date &amp; Place</b>	<b>Topic</b>
1.	Participated	July 24 and 25, 2009 at Jamal Mohamed College (Autonomous), Trichy.	Mathematical method and Computation”
2.	Participated	17 <sup>th</sup> March 2012 at Annamalai University, Chidambaram	Speech and Image processing
3.	Participated	1 <sup>st</sup> and 2 <sup>nd</sup> Sep.2012 at Annamalai University, Chidambaram	LATEX
4.	Presented	15 <sup>th</sup> Sep.2012 at Sri Venkataswara College of Arts and Science for Women, Peravurani.	A Robust Multi Feature Speech and Music Classification
5.	Presented	24 <sup>th</sup> Aug.2012 at Mass College of Arts & Science,	Classification in Datamining

		Kumbakonam	
6.	Participated	03/04/2013 to 08/04/2013 at J.J.College of Arts and Science (Autonomous), Pudukkottai	Five Days Training Workshop for College teachers on Entrepreneurship
7.	Participated	21 <sup>st</sup> and 22 <sup>nd</sup> October 2016 at Alagappa University, Karaikudi	Advances in Computer Science(NSACS 2016)
8.	Participated	7 <sup>th</sup> and 8 <sup>th</sup> November 2016 at Alagappa University, Karaikudi	Recent Developments in Computer Networks (NSRDCN-2016)
9.	Participated	29 and 30 at <sup>th</sup> November 2016 at J.J.College of Arts & Science (Autonomous), Pudukkottai	Faculty Development Programme
10.	Presented	27 <sup>th</sup> and 28 <sup>th</sup> Jan.2017 at J.J.College of Arts and Science (Autonomous), Pudukkottai	Detection of Breast Cancer using Medical Image Processing Techniques : A Brief Summary
11.	Presented	Mar.21 and 22, 2018 at Alagappa University, Karaikudi.	An Innovative Enhanced Pre-processing Technique (IEPT) for MRI and CT scan Brain Images
12.	Presented	Mar.21 and 22, 2018 at Alagappa University, Karaikudi.	An Investigation into Brain Tumor Segmentation Techniques
13.	Participated	21 <sup>st</sup> and 22 <sup>nd</sup> December 2018 at J.J.College of Arts & Science (Autonomous), Pudukkottai	State Level Conference on “Role of IQAC in Quality Sustenance and Enhancement in Higher Education Institutions”
14.	Presented	September 6 <sup>th</sup> & 7 <sup>th</sup> , 2019 at J.J.College of Arts & Science (Autonomous), Pudukkottai.	A Survey of 3D Image Segmentation Methods

## Research Guidance

## **Awards and Achievements**

1. **Deputy Controller of Examinations**, J.J.College of Arts and Science (Autonomous), Pudukkottai. (From Aug. 2017 to Aug. 2018)
2. **Co-Ordinator, Women Empowerment Wing**, J.J.College of Arts and Science (Autonomous), Pudukkottai. (From June 2016 to till date)
3. Act as a **Member of Board of Studies**.
4. Acted as a **Member of Academic Counseling**.
5. Act as a **Member of Central Valuation Examiner at PG Board**, Bharathidasan University.
6. Act as a **Question Paper setter** at M.G.R. University , Nehru Memorial College, Puthanampatti, Vellaisamy Nadar College, Madurai, St. Joseph College(A), Trichy.
7. Act as a **Camp Officer** at J.J.College of Arts and Science (Autonomous), Pudukkottai (from the period of (April 2015 to April 2017 & November 2018 to till date)