

Staff Profile

1. Name: Dr. R. NEELA
2. Gender: Female
3. Date of birth: 02.07.1974
4. Educational Qualifications: **M.C.A., M.Phil., Ph.D.,NET**



S.No.	Degree	College/University	Year of Passing	Subject	Grade/Percentage
1	NET	UGC	Dec 2014	Computer Applications	-
2	Ph.D.	Manonmaniam Sundaranar University	July 2018	Computer Applications	-
3.	M.Phil.	Annamalai University	2004	Computer Science	61.8% - First class
4	MCA	Bharathidasan University	2000	Computer Applications	71.53% - First class
5	B.Sc.	Annamalai University	1996	Maths	71 % - First Class

5. Total Teaching Experience as on 15.04.2019

Sl. No.	Name of the Institution	From	To	YY//MM/DD
1	AVC College	1.7.2003	Till date	15/09/15
2	Others (Shree Ragavendra Arts & Science College, Chidambaram)	25.6.2001	15.04.2003	01/09/02

6. Workshops attended

-Number

5

1. Attended a National Level workshop on “*Data Mining and it’s Applications*” organised by the Department of Computer science, DDE, Annamalai University from 21.03.08 to 22.03.08

2. Attended a workshop on “**C # and .NET** organized by the Department of Computer Science, A.V.C.College of Engineering from 29.08.2008 to 30.08.2008

3. Attended UGC aided workshop on “Setting Question bank for PART A questions” organized by the Controller of Examinations, AVC College from 26.12.2011 to 27.12.2011.
4. Attended a national workshop on “The application of advanced learning techniques for Medical Image Diagnostics” on 18th and 19th January 2013 organized by Department of Computer Science & Engg., Karunya University, Coimbatore.
5. Attended a national level workshop on “Pattern Classification Techniques” organized by Department of Computer Science & Engineering, Annamalai University.

7. Seminars attended

- Number

3

1. Attended a seminar on “Recent advances in Bio-informatics – Smart Bio 2011” organized by PG department of Bio-informatics, AVC College from 3.3.2011 to 4.3.2011.
2. Attended UGC sponsored seminar on “Recent developments in computer technology” organized by the Department of Computer Science, AVC College from 16.2.2012 to 17.2.2012.
3. Attended UGC sponsored seminar on “Cloud Computing” organized by Department of Computer Science, AVC College on 15.3.15.

8. Seminars Taken

- Number

4

1. Acted as a resource person and delivered a lecture on “J2EE Programming” in a seminar organized by the department of Computer Science, Dharumapuram Adhinam Arts College, Dharumapuram, Mayiladuthurai on 5.3.2012.
2. Acted as a resource person and delivered a lecture on “J2EE Concepts” in a seminar organized by the department of Computer Science, Vivekanandha College of Arts and Science for Women, Sirkali.
3. Acted as a resource person and delivered a lecture on “Web Application Development” in a seminar organized by the department of computer science, Deen College of Arts and Science, Nidur on 25th July 2018.
4. Acted as a resource person and delivered a lecture on “DotNet Programming” in a seminar organized by the department of computer science, Vivekanandha College of Arts and Science for Women, Sirkali on 22/02/2019.

09. Training programmes attended -Number

1

1. Attended In-Service training programme for Teachers in A.V.C college from 25.01.2009 to 25.01.2009.

10. Conferences Papers Presented - National

3

- International

1

11. Articles published : International : 13
(2 – Scopus /Anna University Annexure II indexed, 7 UGC Approved)

1. “A Review Of Intensity And Model Based Segmentation Methods For MRI” , i-manager’s Journal on Image Processing, Vol. 1, Jul-Sep 2014, pp.1-10.
2. "BRAINSEG – Brain Structures Segmentation Pipeline Using Open Source Tools", International Journal of Mathematical Sciences and Computing(IJMISC), Vol.1, No.1, pp.1-10, 2015.DOI: 10.5815/ijmsc.2015.01.01.
3. “A novel label fusion technique for segmenting subcortical brain structures using multi-atlas and multi-graphcuts”, International Journal of Applied Engineering Research, Vol. 10, No.18, pp. 39817-39821, 2015. (Scopus indexed, UGC Approved & Listed in Anna University Annexure II)
4. "A Multiatlas Approach for Segmenting Subcortical Brain Structures using Local Patch Distance."Applied Medical Informatics 37(4) (2015): pp.1-10. (Scopus indexed & Listed in Anna University Annexure II)
5. “Strucseg - A Pipeline for Segmenting Brain Structures using Open Source Tools”, International Journal of Engineering Research and Technology, Volume 3, Issue 07, March 2015.
6. “A Study on Segmentation Techniques for MRI”, International Journal for Scientific Research & Development| Vol. 4, Issue 09, Dec, 2016.
7. “A New Technique using Cubic Curves and Hamming Distance to Detect Human Emotions”, International Journal of Engineering and Management Research, Volume-7, Issue-4, July-August 2017. (UGC approved journal)
8. “Interactive Image Segmentation using Edge Point Techniques (EPT) for Background Subtraction and Object Tracking”, International Journal of

Engineering Trends and Technology (IJETT) – Volume 49 Number 1 July 2017. (UGC approved journal).

9. “Face and hand gesture recognition for physical mpairment people using NN-classification”, International Journal of Computer Engineering and Applications, Volume XI, Issue VII, July 17. (UGC Approved Journal)
10. “Simple Article on Segmentation Types and Its Application”, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 2 | Issue 5, September 2017. (UGC Approved Journal)
11. “Applications of nanotechnology in water and air pollution treatment – Review”, International Journal of Innovative Research in Advanced Engineering (IJIRAE), Issue 09, Volume 4, September 2017.
12. “Performance Evaluation of Two Label Fusion Methods for Segmenting Subcortical Brain Structures using Pre-Labeled Images” , International Journal of Computer Sciences and Engineering, Vol 6, Issue 6, June 2018 (UGC approved journal)
13. “A comparative analysis of modified structural matching method for face recognition using shear let decomposition and local binary pattern”, International journal of basic and applied research, P-ISSN: 22493352, E-ISSN 22780505, Volume VIII Number X, October 2018. (UGC approved journal)

12. No. of M.Phil. Research scholars - 8

13. Other Positions Held in AVC College:

Sl. No.	Positions held	From	To	Nature of work
1	Swift co-ordinator	2008	2014	To co-ordinate swift activities
2	CIA Question paper incharge for BCA, PGDCA & MCA	2008	2016	To collect/verify CIA question papers from faculty member, helping lab assistants in typing those question papers, verifying and hand over to the convener
3	Upload AISHE report	2016	Till date	Collect required information and upload in the MHRD website
4	BOS member	2008	Till date	Board of studies member in computer science department, AVC College

14. Positions Held in Other Institutions

Sl. No.	Positions held	From	To	Nature of work
1	Question setter , Evaluator, moderation board in various colleges,Universities	2008	Till date	Question setter/Evaluator

15. Residential Address:

R. NEELA,
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