

Name : S. Maheshwari

Designation : Assistant Professor (SG)

Department : Computer Science

Qualification : M.C.A., M. Phil., UGC – SET, (Ph. D.)

Experience:

Teaching: 13 Years Industry: Nil Research: Nil

Area of Specialization(s) : Digital Image Processing, Data Mining

Email (Official ID) : maheshwaris@drngpasc.ac.in

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	Coimbatore Institute of Management, Technology, Coimbatore	Pursuing
M. Phil.	Computer Science	Bharathiar University, Coimbatore	2008
M.C.A.	Computer Applications	P.K.R. Arts College For Women, Gobichettipalayam	2006
B.C.A.	Computer Applications	P.K.R. Arts College For Women, Gobichettipalayam	2003

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
SET	Computer Science	UGC	2016

Research Publications (Indexed)

International

- 1) S. Maheshwari, Dr. P. Krishnapriya, **Fuzzy Mechanism for Gaussian Noise Reduction for Satellite Image Enhancement**, Journal of Theoretical and Applied Information Technology, Vol.96. No. 13, July 2018, ISSN: 1992-8645, (Indexed in SCOPUS).
- 2) S. Maheshwari, Dr. P. Krishnapriya, **Improved Region of Interest (I-RoI) Based Segmentation for Contrast Enhancement in Satellite Images**, International Journal of Applied Engineering Research, Vol.13 No. 1, January 2018, ISSN: 0973-4562, (Indexed in UGC).

- 3) S. Maheshwari, Dr. P. Krishnapriya, **Satellite Image Enhancement and Restoration – A Review**, International Journal of Computer Science, Communication Networks, Vol. 6 No. 4, pp. 198-204, August-September 2016, ISSN: 2249-5789, (Indexed in UGC).
- 4) S. Maheshwari, Dr. P. Krishnapriya, **A Study on Inpainting and Gap Filling Algorithms for Removing Clouds in Satellite Images**, International Journal of Applied Engineering Research, Vol.10 No.55, June 2015, ISSN: 0973-4562, (Indexed in SCOPUS).

Other Publications: International / National Journals

- 1) S. R. Kalaiselvi, S. Maheshwari, V. Shobana, **Web Mining – Data Mining Concepts, Applications and Research Directions**, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4 No. 11, November 2015, ISSN: 2278-1021.
- 2) Shobana. V, Maheshwari. S, Savithri. M, **Study on Big Data with Data Mining**, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4 No. 4, April 2015, ISSN: 2278-1021.
- 3) S. Maheshwari, **A Study on Image Restoration Techniques**, International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 4 No. 5, May 2014, ISSN: 2277-128x.
- 4) B. Dharanya, S. Maheshwari, **Effective Dimensionality Reduction based Clustering in Gene Data**, International Journal of Engineering Research and Technology, Vol. 2 No. 12, December 2013, ISSN: 2278-0181.

Presentations in Conference

- 1) **A Study on Inpainting and Gap Filling Algorithms for Removing Clouds in Satellite Images**, International Conference on Advances in Applied Engineering and Technology, Syed Ammal Engineering College, Ramanathapuram, 14 to 16-May-15.
- 2) **Social Networking - Merits and Demerits - A Review**, National Conference on Innovative Trends in Information Technology, KG College of Arts and Science, Coimbatore, 7-Feb-15.
- 3) **Comparative Study of Image Denoising Techniques**, National Conference on Recent Advances in Computing, Sri Krishna college of engineering and technology, 8 & 9-Mar 13.

Participation in Conference

International

- 1) **Research Trends in Computer Technologies**, Department of Computer Technology, Dr.N.G.P. Arts and Science College, Coimbatore, 30 & 31-Jan-14.

National

- 1) **Emerging Educational Model for 21st Century Learners**, Association of Principals of Colleges of Bharathiar University, Dr. N.G.P. Arts and science College, 1-Aug- 15.

Participation in Seminars

- 1) **Cyber Security Awareness and Defense Techniques**, Department of Computer Science, Dr. N.G.P. Arts and Science College, Coimbatore, 25- Aug-14.
- 2) **Big Data Storage and Analytics**, Department of Computer Science and Engineering, Dr. N.G.P. Institute of Technology, Coimbatore, 27- Dec- 13.

Participation in Workshop

- 1) **Revised Assessment, Accreditation Framework of NAAC**, Ramakrishna Mission Vivekananda Educational and Research Institute, IQAC, Ramakrishna Mission Vidyalaya College of Arts and science, Coimbatore, 27-Oct-18.
- 2) **Predictive Analytics of Environmental Changes in Remote Sensing**, Department of Computer Science, PSGR Krishnammal College For Women, Coimbatore, 22 & 23-Jan-18.
- 3) **How to Publish a Technical Paper with IEEE**, Coimbatore Institute of Technology and IEEE, Coimbatore Institute of Technology, Coimbatore 25-Oct-16.
- 4) **Data Mining and its Applications using Rapid Miner**, Department of Computer Science, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Dec-18.
- 5) **Art of Research, Department of Computer Applications**, PSG College of Technology, Coimbatore, 24-Aug-13.
- 6) **Mission 10X, Enhancing Teaching Skills**, Wipro Technologies, Dr. N.G.P. Arts and Science College, Coimbatore, 6 to 8-Aug-13.

- 7) **NPTEL**, Indian Institute of Technology, Madras, Sri Krishna College of Engineering and Technology, 28-Mar-13.
- 8) **Introduction to Research Method**, Sri Krishna College of Engineering and Technology, 9 & 10-Nov-12.
- 9) **Open Source**, IBM Tools, IBM, Sri Krishna College of Engineering & Technology, 23 & 24-Oct-07.

Participation in Orientation Programme / Short Term Courses

- 1) **How to Do Research in Computer Science**, Hindustan College of Arts and Science, 21-Jan-15.

Participation in Faculty Development Programme

- 1) **Quality Initiatives in Higher Education**, Dr. N.G.P. Arts and Science College, Coimbatore, 3-Dec-18 to 9-Dec-18.
- 2) **Introduction to R Programming**, ICT Academy, Dr. N.G.P. Arts and Science College, Coimbatore, 30 & 31-Aug-18.
- 3) **Bioinformatics in Life Science and Research**, PSGR Krishnammal College for Women, Coimbatore, 9 & 10-Feb-17.
- 4) **Women and Biodiversity**, Department of Women's Studies, Bharathiar University, Coimbatore, 21-Sep-16.
- 5) **Emotional Intelligence**, ICTAC, Dr. N.G.P. Arts and Science College, Coimbatore, 19 & 20-Jan-16.
- 6) **Faculty Development Programme**, Kongunadu Arts and Science College, 27-Sep-14.
- 7) **Information Security**, TCS, Sri Krishna College of Engineering and Technology, Coimbatore, 27 & 28-Jun-07.

Conference / Seminar / Workshop Organized

- 1) Committee Member, International Conference on Research Trends in Computing Technologies, Dr. N.G.P. Arts and Science College, Coimbatore, 9 & 10-Aug-18.
- 2) Treasurer, National Level Conference on Computer Communication and Information Technology, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Sep-16.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
IAENG (International Association of Engineers)	Life-time	-
Internet Society	Life-time	-
The Society of Digital Information and Wireless Communications	Annual	2014-2015
Universal Association of Computer and Electronics Engineers (UACEE).		2014 - 2017