

Name : V. Shobana

Designation : Assistant Professor

Department : Computer Science

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

Experience:

Teaching: 9 Years Industry: 2 Years Research: Nil

Area of Specialization(s) : Database, Data Mining and Big Data Analytics.

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

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	Chikkanna Government Arts College, Tirupur.	Pursuing
M. Phil.	Computer Science	PRIST University, Thanjavur.	2010
M. C. A.	Computer Applications	Maharaja Engineering College, Avinashi.	2007
B. Sc.	Physics	P.S.G.R. Krishnammal College for Women, Coimbatore.	2004

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certification	The Joy of Computing Using Python	NPTEL	2018
Certification	Research Writing	NPTEL	2018
SET	Computer Science	UGC	2016

Research Publications (Indexed)

International

- 1) V. Shobana, N. Kumar, **A Personalized Recommendation Engine for Prediction of Disorders using Big Data Analytics**, IEEE Digital Library, November 2017, (Indexed in SCOPUS).
- 2) V. Shobana, Dr. K. Nandhini, **Application of Classification Algorithms for Disease Diagnosis using Big Data Analytics**, International Journal of Engineering Research in Computer Science and Engineering, Volume 4, Issue 12, pp.235 to 239 ,December 2017, ISSN (Online) 2394-2320, (Indexed in UGC).

- 3) V. Shobana, Dr. K. Nandhini, **A Literature Survey on Recommender System Algorithms and its Applications in Health Care using Big Data Analytics**, International Journal of Innovations, Advancement in Computer Science, Volume 6, Issue 8 pp. 111 to 115, August 2017, ISSN 2347 – 8616, (Indexed in UGC).
- 4) 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, Volume 4, Issue 11, pp. 394-398, November 2015, ISSN (Online) 2278-1021, (Indexed in Google Scholar).
- 5) V. Shobana, S. Maheshwari,, M. Savithri, **Social Networking - Merits and Demerits: A Review**, International Journal of Engineering and Management Research ,Volume-5, Issue-5, pp. 65-68, ISSN (ONLINE): 2250-0758, October-2015, (Indexed in Google Scholar).
- 6) V. Shobana, N. Kumar, **Big Data - A Review**, International Journal of Applied Engineering Research, Volume 10, Issue 55, pp. 1294-1298, ISSN 0973-4562, June 2015, (Indexed in SCOPUS).
- 7) V. Shobana, S. Maheshwari, M. Savithri, **Study on Big Data with Data Mining**, International Journal of Advanced Research in Computer and Communication Engineering, Volume 4, Issue 4, pp. 381 to 383, ISSN (Online) 2278-1021, April 2015, (Indexed in Google Scholar).

Presentations in Conference

- 1) **Big Data Analysis, Tools, Challenges and Applications**, International Conference on Research Trends in Computing Technologies, Faculty of Computer Science, Dr. N.G.P. Arts and Science College, Coimbatore, 8 & 9-Aug-18.
- 2) **Application of Classification Algorithms for Disease Diagnosis using Big Data Analytics**, International Conference on Recent Enhancements in Information Technology, Science and Engineering, Thoothukudi, 14 & 15-Dec-17.
- 3) **A Literature Survey on Recommender System Algorithms and its Applications in Health Care using Bigdata Analytics**, International Conference on Research Trends in Engineering Applied Sciences and Management, Institution of Electronics and Telecommunication Engineers, Bengaluru, 6-Aug-17.

- 4) **A Personalized Recommendation Engine for Prediction of Disorders using Big Data Analytics**, International Conference on Innovations in Green Energy and Health Care Technology, Dr. N.G.P. Institute of Technology, Coimbatore, 16 to 18 Mar -17.
- 5) **A Study on Recommender Systems using Bigdata Analytics**, National Conference on Advanced Computing, Bharathiar University, Coimbatore, 22 & 23-Sep-18.
- 6) **Big Data - A Review**, International Conference on Advances in Applied Engineering and Technology, Syed Ammal Engineering College, Ramanathapuram, 14 to 16-May-15.
- 7) **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.
- 8) **A Survey on Types of Attacks in Mobile Adhoc Network**, UGC Sponsored National Conference on Web Science and Technology in Association with ICTACT, PSG College of Arts and Science, Coimbatore, 10 & 11-Oct-12.

Participation in Conference

International

- 1) Computer Communication and Information Technology, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Sep-16.

Participation in Seminars

- 1) **Applications and Challenges in Data Mining**, Bharathidasan College of Arts and Science, Erode, 24-Aug-17.
- 2) **Research Methodology**, Asan College of Arts and Science, Karur, 5-Oct-16.
- 3) **Cyber Security Awareness and Defense Techniques**, Dr. N.G.P. Arts and Science College, Coimbatore, 25-Aug-14.
- 4) **Big Data Storage and Analytics**, Dr. N.G.P. Institute of Technology, Coimbatore 27-Dec-13.
- 5) **Embedded Computing Systems**, Dr. N.G.P. Institute of Technology, Coimbatore, 30-Jan-13.+

Participation in Workshop

- 1) **Data Mining, Its Application using Rapid Miner**, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Dec-13.
- 2) **Art of Research**, PSG College of Technology, Coimbatore, 24-Aug-13.
- 3) **Enhance Teaching Skills Workshop Mission 10X**, Wipro, Dr. N.G.P. Arts and Science College, Coimbatore, 6 to 8-Sep-13.

Participation in Orientation Programme / Short Term Courses

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

Participation in Faculty Development Programme

- 1) **Data Science and Big Data Analytics**, ICTACT, Dr. N.G.P. Institute of Technology, Coimbatore, 10 to 14-Dec-18.
- 2) **Quality Measures in Higher Education**, Dr. N.G.P. Arts and Science College, Coimbatore, 3-Dec-2018 to 9-Dec-18.
- 3) **Introduction to R Programming**, ICTACT, Dr. N.G.P. Arts and Science College, Coimbatore, 30 & 31-Aug-18.
- 4) **Big Data and Analytics - Transitions and Tools**, Department of Computer Science, Dr. G.R.D. College of Science, Coimbatore, 19-Jan-18.
- 5) **Bioinformatics in Life Science Research**, P.S.G.R. Krishnammal College for Women, Coimbatore, 9 & 10-Feb-17.
- 6) **HDP – HADOOP (HORTONWORKS)**, ICTACT, Sri Ramakrishna Engineering College, Coimbatore, 27 to 31-Oct-15.
- 7) **Faculty Development Programme**, Kongunadu Arts and Science College, Coimbatore, 27-Sep-14.

Conference / Seminar / Workshop Organized

- 1) Editorial Team Member, International Conference on Research Trends in Computing Technology, Dr. N.G.P. Arts and Science College, Coimbatore, 9 to 10-Aug-18.

- 2) Organizer, State Level Technical Symposium - Technomania, Dr. N.G.P. Arts and Science College, Coimbatore, 15-Feb-18.
- 3) Committee Member, National Conference on Innovations in Communicative World, Dr. N.G.P. Arts and Science College, Coimbatore, 27-Sep-12.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Internet Society	Life-time	-
Social Informatics and Telecommunication Engineering	Annual	2013 - 2014

Awards / Honors

Awards / Honors	Agency / Institute	Year of Award
Top Mentor Award	NPTEL	2018