

Name : Dr. D. Geethamani
Designation : Assistant Professor
Department : Computer Technology
Qualification : M.Sc., M.Phil., Ph.D.,
Experience : Teaching: 7 Years | Industry:1 Year
Area of Specializations: Data Mining, Big Data, Cloud Computing
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Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Hindusthan College of Arts and Science	2023
M.Phil.	Computer Science	SNR Sons College	2016
M.Sc.	Computer Science	PSGR Krishnammal College for Women	2014
B.Sc.	Computer Science	PSGR Krishnammal College for Women	2012

Additional Qualifications

Dip./Cert.	Area of Specialization	Institution / Agency Name	Year
Certificate	Data Mining	NPTEL	2018
Certificate	Digital Teaching Technique	ICT Academy	2020
Certificate	Enhancing Soft Skills	Sri Krishna Adithya College of Arts and Science	2020

Other Publications: International / National Journals

- Spectral Spatial Classification of Hyper Spectral Image Using Mean Shift Clustering**, International Journal of Science and Engineering Research (IJOSER), Vol 4 Issue 9, Sept 2016, Pp:1- 7, 3221 5687, (P) 3221 568X, 4.986.

2. **Comparison of Algorithms for Length of Stay in Healthcare**, International Journal of Research and Analytical Reviews (IJRAR), **UGC Approved**, Issue 2, Vol. 6, June 2019, E-ISSN 2348-1269 P-ISSN 2349-5138 & 5.75 Impact Factor.
3. **Big Data Influences on Service Quality in Health Care**, Journal of Emerging Technologies and Innovative Research (JETIR), UGC Approved, Volume 7 Issue 6, June 2020, ISSN 2349-5162 & 5.87 Impact Factor.
4. **Predicting Length of Stay of Patients using Data Engineering and Ensemble based Models**, Journal of Indian Journal of Natural Sciences, (Web of Science) ISSN: 0976-0997, Volume 12, Issue 69, Page 35462-35468, Dec – 2020.
5. **Feature Augmented Stacked Bagging for Length of Stay Prediction on MIMIC III**, Journal of International Journal of Health Sciences, (Scopus) e-ISSN: 2550-696X, p-ISSN: 2550-6978, Volume 6, May – 2022.
6. **Heterogeneous Multi-Model Ensemble based Length of Stay Prediction on MIMIC III**, Journal of “International Journal for Research in Applied Science and Engineering Technology (IJRASET)”, ISSN: 2321- 9653, Volume 10, Issue 5, May – 2022.

Presentations in Conference

1. **Hyper Spectral Image Segmentation**, National Level Conference on Computer Communication and Information Technology, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Sep-2016.
2. **Hyper Spectral Image Classification Using Mean Shift Segmentation**, IEEE International Conference on Advances in Computer Applications, Bharathiar University on 24-Oct-2016.

3. **Big Data Analytic Architectures and Challenges**, International Conference on Future Networking: Internet of Everything-ICIOE 2019, Hindusthan College of Arts and Science, 21-Mar- 2019.
4. **A Study on Big Data and Its Techniques**, Recent Trends and Advances in the Field of Information Technology, Karpagam Academy of Higher Education, 27-Sep-2019.

Participation in Conference

1. **Big Data Analytic Architectures and Challenges**, Hindusthan College of Arts and Science, 21-Mar-19.
2. National conference on "**Communication and Signal Processing**", DR.SNS Rajalakshmi College of Arts and Science.
3. **“Webinar on Systematic Approach to increase the citations of your publications” Chalapathi** Institute of Engineering & Technology on 11-Oct-21
4. National Conference on **“Battling Depression in Elderly during Covid-19”**, Regional Centre in Geriatric Care, Gandhian Studies Centre & PSGR Krishnammal College for Women, Coimbatore held on 07.08.2020.

Participation in Workshop

1. **“Investor Awareness Program”**, SEBI Initiated campaign by Knowledge Bell, 16-Dec-20.

Participation in Faculty Development Programm

2. Three days FDP on **Insurance for Business Process Services, Tata Consultancy Services**, Dr. N.G.P. Arts & Science College, Coimbatore, 07 to 09 Jun-17.

3. Seven day FDP on “**Quality Measure in Higher Education**”, Dr.N.G.P. Arts and Sciences College, Coimbatore, 03- Dec-18 to 09-Dec-19.
4. Seven days National Level Faculty Development Program on "**Application of Tools & Techniques in Research Methodology & Accelerate to Publish Article in Scopus and Web of Science**", Hindusthan College of Arts & Science,17 to 24-Dec-20.
5. Faculty Development Programme on “**Examinations in wake of COVID-19**”, Patrician College of Arts and Science, 8-May-20.
6. A seven day FDP on “**Research Methodology and Pedagogy for Tertiary Education**”, Dr. N.G.P. Arts and Sciences College, Coimbatore, 15 to 21-Jun-21.