

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 Specialization(s) : Data Mining, Big Data, Cloud Computing
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Academic Qualifications

| Degree | Branch | Institution / University Name | Year of Graduation |
|----------|------------------|--|--------------------|
| 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

| Diploma / Vocational / Certification | Area of Specialization | Institution / University / Agency Name | Year |
|--------------------------------------|----------------------------|--|------|
| Online | Data Mining | NPTEL | 2018 |
| Certificate | Digital Teaching Technique | ICT Academy | 2020 |

Other Publications: International / National Journals

1. **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** in the refereed 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** in the refereed 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** in the refereed 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

National

1. **Big Data Analytic Architectures and Challenges**, Hindusthan College of Arts and Science, 21-Mar- 19.
2. Attended national conference on "**Communication and Signal Processing**" in DR.SNS Rajalakshmi College of arts and Science.
3. Participated in the "**Webinar on Systematic Approach to increase the citations of your publications**" conducted by Chalapathi Institute of Engineering & Technology on 11/10/2021.
4. Participated in the National Conference on "**Battling Depression in Elderly during Covid-19**" organized by the Regional Centre in Geriatric Care, Gandhian Studies Centre & PSGR Krishnammal College for Women, Coimbatore held on 07.08.2020.

Participation in Workshop

1. Participated training workshop conducted by "**D'Light**" on 2012.
2. Participated in the Workshop/Seminar on "**Web Security**".
3. Attended "**Dot Net Technology**" workshop conducted by Apollo Computer education
4. Attended one day National Workshop on "**Network Simulator-NS2**" in Sri Ramakrishna Engineering College.
5. Attended Workshop on "**Investor Awareness Program**" conducted under SEBI Initiated campaign by Knowledge Bell on 16/12/2020.

Responsibility

1. Certified that **“Stay At Home, Save Lives”** pledge and committed to abide by the 21 days lockdown rules organized by Ministry of Electronics and Information Technology on April 04, 2020.
2. Acted as a member in Admission Committee.
3. Served as a criterion member in NAAC Committee.
4. Worked as an exam cell member in Dr.N.G.P. Art and Science College.
5. Served as a coordinator for Diploma Courses.

Participation in Faculty Development Programme and Webinar

1. Three days FDP on **Insurance for Business Process Services, Tata Consultancy Services** at Dr.N.G.P.Arts & Science College, Coimbatore on 07-Jun-17 to 09.06.2017.
2. Attended a seven day FDP on **“Quality Measure in Higher Education”** organized by Faculty Development Cell at Dr.N.G.P. Arts and Sciences College, Coimbatore on 03-Dec-18 to 09-Dec-19.
3. Completed 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"** Organized by Hindusthan College of Arts & Science on 17th - 24th December 2020.
4. Participated in Online Faculty Development Programme on **“Examinations in wake of COVID-19”** organized by Patrician College of Arts and Science held on 8th May 2020.
5. Attended a seven day FDP on **“Research Methodology and Pedagogy for Tertiary Education”** organized by Internal Quality Assessment at Dr.N.G.P. Arts and Sciences College, Coimbatore on June 15 – June 21, 2021.
6. Attended in Online Faculty Development Programme on **“Non-Coding Website Development using WIX”** on 22 Dec 2024 organized by IDM Techpark.

7. Participated in one day webinar on **“Gen AI Integrated International Webinar on Cloud and DevOps!”** organized by ipsr solutions limited on 11 Nov 2025.
8. Participated in 5 days Online Faculty Development Programme on **“Tranforming Research through Advanced Technology”** organized by Sree Sakthi Engineering College from 20 Jan 2025 to 24 Jan 2025.
9. Attended 5 days Online Faculty Development Programme on **“Exploring Entrepreneurial Opportunities: AI & IOT in Industry 4.0”** organized by PSG College of Arts and Science from 03 Feb 2025 to 07 Feb 2025.
10. Participated in webinar on the topic **"Unlocking Potential: Embracing the AI Revolution"** conducted by Computer Society of India on 12th January 2025.