Faculty Profile

Name	: Chaithra M
Designation	: Assistant Professor
Department	: Computer Science and Engineering
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About me:

Mrs. Chaithra M is an Assistant Professor in the Department of Computer Science and Engineering at The National Institute of Engineering, Mysuru. She is currently pursuing her Ph.D. in Computer Science and Engineering at BNM Institute of Technology, Bengaluru.

Her research interests include Machine Learning, Artificial Intelligence, Internet of Things (IoT), and Computer Networks. She has actively contributed to academic research with publications in reputed Scopus-indexed journals and international conferences.

Ms. Chaithra is passionate about teaching and mentoring students, with experience in delivering both undergraduate and postgraduate courses in core areas of Computer Science. Her academic and research work focuses on applying intelligent technologies to solve real-world problems.

Qualification:

- **Ph.D.** (Pursuing)
- **M.Tech** (Computer Science and Engineering), VTU – 2013
- **B.E.** (Information Science & Engineering), VTU – 2007

Courses Taught for UG:

- OOP with Java
- Python Programming
- C Programming
- Web Technology
- Computer Organization
- Logic Design
- Data Visualization using Python

Courses Taught for PG

- Storage Area Networks
- Advance Computer Networks
- Cloud Computing

Journal Publications

1. Chaithra M and Sunitha R "Privacy-Preserving IoT Framework with Federated Learning and Lightweight NLP Integration", JESA May 2025,
   DOI: https://doi.org/10.18280/jesa.580509

Conference Publication

1. Chaithra M ,Nandini S R and Sunitha R, "Monitoring and Management of Aquatic Ecosystems using Deep Learning", 2025 4th International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE), June 2025. DOI: https://doi.org/10.1109/ICDCECE65353.2025.11035876

Professional Memberships

- LMISTE – Life Member[96882]
- IFERP member-Life member

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