



**Mrs. Swathi Chintavatla**

*Assistant Professor, Department of Computer Science*

Mrs. Swathi Chintavatla is an experienced educator and academic leader with over 13 years of service in the field of Computer Science. Currently working as the Assistant Professor in the Department of Computer Science at Siva Sivani Degree College, she plays a vital role in curriculum design, academic planning, and faculty coordination. Known for her student-centric approach and effective use of ICT tools, she has consistently contributed to enhancing teaching outcomes across programming languages, database management systems, web technologies, and analytical tools like Power BI and Tableau. She is also actively involved in quality assurance processes, NAAC documentation, and academic surveys, reflecting her commitment to institutional excellence.

Her academic journey includes roles such as Assistant Professor and Program Coordinator at Bharat Degree College and Additional Head at St. Joseph’s Degree & PG College, where she led student mentoring initiatives and organized inter-collegiate technical events. She also served as a Project Mentor at Orbit Technologies, guiding students through real-world IT projects. Her strengths lie in blending academic rigor with practical exposure, making her a valuable asset to any academic team.

**Technical Skills:**

**Programming Languages** : C, C++, SQL

**Database Management** : MySQL, Oracle

**Web Technologies** : HTML, CSS, JavaScript

**Analytical Tools** : IBM Cognos Insights, Tableau, Power BI

**Operating Systems** : Windows, Linux

**Education:**

- **M.Tech (Computer Science & Engineering)** – Sidhartha Institute of Science & Technology, JNTUH
- **MCA (Master of Computer Applications)** – St. Johns PG College, Osmania University

**Research Publications:**

- “A Study on Green Cloud Computing” – Presented at the International Conference, St. Joseph’s Degree & PG College
- “A Novel Machine Learning Framework for Agricultural Productivity Using Multi-Valued Datasets” – *Journal of Emerging Technologies and Innovative Research* (UGC CARE Proposed, ISSN No. 2349-5162)
- “Handling Big Data in the Cloud” – Contributed as a book chapter in *Industry 5.0: The Driving Technologies*