

Faculty Profile

Name :Soujanya K V
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About Me

Soujanya K V is an Assistant Professor with 4 years of teaching experience in Computer Science and Engineering. Her areas of expertise include Machine Learning, Deep Learning, Data Mining, and programming languages such as C, Java, and Python. She has taught several undergraduate courses including Programming in C, Object-Oriented Programming using Java, Python Programming, Artificial Intelligence, and Data Mining, and has actively mentored students in machine learning and data science projects. Her research interests focus on machine learning applications in healthcare, predictive analytics, and data mining techniques. She has published research papers in international journals and has presented research work at academic conferences, reflecting her active involvement in research activities. In addition to teaching and research, she has served as an NSS Coordinator and worked as a Project Coordinator, contributing to student engagement, academic coordination, and institutional development activities. She is currently pursuing her Ph.D. from Visvesvaraya Technological University (VTU) and continues to work on research related to intelligent systems and predictive models.

Qualification

B.E. (The National Institute of Engineering, Mysore)
M.Tech (JSSTU, Mysore)
Ph.D. (VTU, Belagavi) – Pursuing

Courses Taught

UG Courses

- Principles of Programming in C
- Object-Oriented Programming using Java
- Python Programming
- Machine Learning
- Data Mining
- Scientific Food and Health

PG Courses

(Not specified)

Publications

Journal Publications

Soujanya K V, et al. (2020): “MSD-Apriori: Discovering Borderline-Rare Items Using Association Mining”, International Journal of Engineering Science and Computing.

Soujanya K V, et al. (2025): “Vocal Isolation from Audio Tracks Using Neural Networks”, International Journal of Scientific Research in Engineering Management.

Conference Proceedings

Soujanya K V, et al. (2025): “A review paper on Edible Mushroom yield through Precision Agriculture by Integrating smart monitoring”, presented at IC-AISMART Conference, December 2025.

Text Books

Nil

Book Chapters

Nil

Certifications & FDPs

- FDP on Advancing C Programming and Data Structures
- Coursera: Data Structures in C, Java Programming.

Other Achievements

- Guided student projects in Machine Learning and Data Science.
- Participated in the **45th Student Project Program (SPP)** organized by KSCST.
- Developed research projects such as Stroke Prediction using Machine Learning and Deep Learning, Heart Disease Prediction using Machine Learning, and MSD-Apriori for association mining.
- Attended FDP on Advancing C Programming and Data Structures.
- Completed Coursera certifications in Data Structures Using C, Java Programming, and Programming Fundamentals.
- Participated in Cisco Packet Tracer workshop.