Faculty Profile

Name : Balaji V Designation : Assistant Professor & Head, ALPHA Department : Computer Science and Engineering-AIML Contact Details: E-mail : balajiv@nie.ac.in Phone : +91 9035933309	

About me:

Balaji Vijaykumar is an Assistant Professor in the Department of CSE–AI & ML at **The National Institute of Engineering (NIE), Mysuru**, and Head of the **ALPHA Innovation & Tinkerers' Lab**. He holds a B.E. in Information Science & Engineering from NIE and an M.Tech in Data Science from SJCE, Mysuru. Prior to academia, he worked as a Software Development Engineer at Philips R&D and Accenture, contributing to large-scale enterprise and healthcare technology systems.

His research and development interests include Machine Learning, Deep Learning, Large Language Models, Natural Language Processing, and Edge AI systems. He served as the Project Lead for establishing the ALPHA Innovation & Tinkerers' Lab through the first CSR and foundation grant received by NIE, and currently leads the lab's innovation ecosystem. He also serves as Chief Consultant at **ALPHA Consultancy Services (ACS)**, focusing on applied AI solutions and software technology platforms. He is an Associate Member of TiE Mysuru and CII Karnataka.

Qualification:

B.E. in Information Science & Engineering, The National Institute of Engineering, Mysuru

M.Tech in Data Sciences, Sri Jayachamarajendra College of Engineering, Mysuru

Courses Taught:

UG Courses:
- Operating Systems
- Artificial Intelligence
- Machine Learning
- Python Programming
- Innovation and Design Thinking

Other Achievements

- **Head, ALPHA Innovation & Tinkerers' Lab, The National Institute of Engineering (NIE), Mysuru.**
- **Project Lead for establishing the ALPHA Innovation & Tinkerers' Lab through the first CSR and foundation grant received by NIE, supported by Lenovo, Motorola Mobility, and Maker Bhavan Foundation.**
- **Chief Consultant, ALPHA Consultancy Services (ACS) – providing consultancy in Artificial Intelligence, Machine Learning, institutional AI systems, and software solutions.**
- **Industry Collaboration & Consultancy: Engaged in AI/ML solution development, institutional data platforms, and private AI chatbot systems in collaboration with industry and domain experts.**
- **Professional Memberships: Associate Member – TiE Mysuru and Confederation of Indian Industry (CII), Karnataka.**
- **Innovation & Student Mentorship: Active in mentoring student innovation projects, hackathons, and interdisciplinary prototyping initiatives through ALPHA Lab.**
- **Contributed to developing applied AI solutions and academic–industry collaboration initiatives at NIE.**

***