



B.E. Artificial Intelligence & Data Science

The Artificial Intelligence and Data Science program at GAT delves into AI, machine learning, and data analytics principles and techniques. Students gain hands-on experience in data processing, statistical analysis, and algorithm development, preparing them for careers in data-driven industries. The curriculum emphasizes project-based learning, practical applications, and ethical considerations in AI and data science.

| Course Highlights

- **Hands-on Experience:** Focuses on practical projects and real-world applications to ensure industry-relevant skills.
- **Innovative Learning Environment:** Provides access to advanced labs, cutting-edge technologies, and modern software tools.
- **Academic Partnerships:** Collaborates with IIITA, NITK, KMC Manipal, and SDM Dharwad for internships, research projects, and exposure to the latest technologies.

| Key Initiatives and Achievements

- **CIISCA 2023:** Successfully conducted the international conference on June 23, 2024.
- **Value-Added Programs (VAPs):** Hosted programs on Machine Learning, Deep Learning, Java & J2EE, and Generative AI, attracting over 300 participants.
- **Professional Development (FDPs):** Organized 6-day FDPs on "Deep Learning for NLP" and "Data Analysis & Visualization using Tableau" with 25 participants in August 2023.
- **Research Achievements:** Faculty and students published 80 research papers.
- **Internships:** Secured internships for 24 students at IIITA and 6 students at NITK.

| Future Career Avenues

- Data Scientist
- Machine Learning Engineer
- AI Research Scientist
- Data Analyst
- Business Intelligence Developer
- AI Ethicist
- Research and Development
- Entrepreneurship

