

M.Sc. in Artificial Intelligence in Agriculture Technology

M.Sc. in Artificial Intelligence in Agriculture Technology is a two-year postgraduate program that combines the power of Artificial Intelligence (AI), Machine Learning (ML), Data Analytics, Internet of Things (IoT), and Precision Agriculture to transform modern farming practices. The program is designed to equip students with the knowledge and technical skills to develop intelligent, data-driven solutions that improve agricultural productivity, sustainability, and resource management.

The curriculum integrates agricultural sciences with advanced computing technologies, enabling students to analyze agricultural data, develop AI-based models for crop prediction, disease detection, yield forecasting, irrigation management, and smart farming systems. Through laboratory work, field visits, industry internships, and research projects, students gain practical experience in applying AI to real-world agricultural challenges.

KEY HIGHLIGHTS

Duration: 2 Years (4 Semesters)

Eligibility: B.Sc. Mathematics, B.Sc. Statistics, B.Sc. Physics, B.Sc. Chemistry, B.Sc. Computer Science, B.Sc. Agriculture, B.Sc. Life Science, B.Sc. Botany, B.Sc. Zoology, B.Sc. Micro Biology, B.Sc. Bio Technology, B.Sc. Bio Chemistry, B.Sc. Food Science, B.Sc. Food Technology/Nutrition, BCA / Computer Applications, B.E./B.Tech Computer Science /IT/AI/ Data Science, BE/B.Tech Agricultural/Biotechnology /Food Technology

Mode: Full-Time

Industry Exposure:

Live projects, internships, business case studies, and research based learning.

Tools Covered:

Python, R, SQL, Power BI, Tableau, Excel, Machine Learning, AI, and Big Data Analytics.



CAREER OPPORTUNITIES

- AI Engineer in Agriculture
- Precision Agriculture Specialist
- Agricultural Data Scientist
- Smart Farming Consultant
- Machine Learning Engineer
- Computer Vision Engineer (Agriculture)
- Agricultural Technology (AgriTech) Analyst
- IoT and Automation Specialist
- Research Scientist
- GIS and Remote Sensing Analyst
- Agricultural Innovation Consultant
- Product Specialist in AgriTech Companies



ADMISSIONS
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