



Avinashilingam Institute for Home Science and Higher Education for Women
Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD
Re-accredited with 'A++' Grade by NAAC. CGPA 3.65/4, Category I by UGC
Coimbatore-641 043, Tamil Nadu, India

M.Sc. Artificial Intelligence

Course duration: 2 years (4 Semesters)



Offered by

Department of
Computer Science
and
Centre for
Machine Learning
and Intelligence
(ISO/IEC 20000-1 2018)

AI is a broad field of study and technology that aims to create machines or systems that can perform tasks that typically require human intelligence.

ABOUT THE PROGRAMME

The Master of Science in Artificial Intelligence programme is designed to remain at the cutting edge of innovation, with a specific focus on advancements in AI and Machine Learning. The curriculum emphasizes core concepts in these fields, incorporating practical applications, interdisciplinary approaches and exposure to the latest technologies. The program fosters hands-on experience through projects, encourages collaboration with industry partners, and provides opportunities for research contributions. Graduates are equipped not only to stay in the latest developments but also to actively contribute to the ongoing evolution of AI and Machine Learning, positioning them as leaders in this rapidly advancing field.

OUTCOMES

1. Acquire depth knowledge of Artificial Intelligence
2. Provide expertise in Artificial Intelligence and Machine Learning techniques
3. Familiarize AI based Applications to solve real world problems
4. Gain technical knowledge in Artificial Intelligence tools and software
5. Instigate the students in developing Artificial Intelligence based products

KEY FEATURES

1. Subjects are taught by experienced faculty members
2. Practical classes in real time environment
3. Placement assistance will be provided
4. Broad exposure on Industrial and Research projects will be gained

SUBJECTS COVERED

- Machine Learning
- Deep Learning
- Data Analytics
- R Programming
- Digital Intelligence
- Computer vision using Matlab and Python
- AI in IoT
- Data Science
- Cyber Security
- Cyber Forensics

ELIGIBILITY

- B.Sc. CS / IT / CT / Applied Science
- BCA / B.Voc. AI / B.Sc. AI / B.Sc. Data Science

Contact Person

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<https://sites.google.com/avinuty.ac.in/cmli>

Course Registration

<https://forms.gle/WYABaICAutBocd4Q6>