

Step
to
future

BCA/B.Sc + ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

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**INDIRA GANDHI
COLLEGE OF
ARTS AND SCIENCE**

Affiliated to Mahatma Gandhi University,
Kottayam. Approved by Government of Kerala.

Artificial Intelligence is a visionary concept in which software that senses what we need, supply chains that 'think' in real time, robots that respond to changes in their environment and intelligent robots for space exploration. AI is a constellation of technologies- from machine learning to natural language processing- that allows machines to sense, comprehend, act and learn. Spearhead companies in the era of 21st century had already set foot in IT Sector, Banking, Oil & Gas, Health Care, Retail, Marketing, and Space science, BFS, Insurance, Automotive and Media & Entertainment. The future of AI promises a new era of productivity, where human ingenuity is enhanced by speed, reliability and precision.

Machine Learning is an application of Artificial Intelligence that enables a system to learn from data rather than explicitly programming. ML is mainly focussed on the development of computer programs which learn themselves by analyzing the historical data to evolve and results in a reliable solution when exposed to new data. Machine Learning processes massive data faster with a learning algorithm.

Why pursue AI and Machine learning

- Helps to build your future with an exciting career in the fast-growing field of artificial intelligence.
- Get to master various aspects of artificial neural networks, supervised and unsupervised learning, logistic regression with a neural network mindset, binary classification, Python for scripting Machine Learning applications etc.
- In Machine learning, there are vast possibilities to explore unsupervised learning techniques for data modelling and analysis including data clustering, computer vision, reinforcement learning, problem solving, machine learning algorithms, image recognition, data mining, speech recognition, matrix factorization and sequential models for order-dependent data.

Areas of expertise

- Python programming
- R Language
- Data Science
- Machine Learning
- Deep Learning
- Natural Language Processing
- Computer Vision

Areas of Application

- Robotics
- AR/VR Innovations field.
- Development of smart personal assistants like Alexa, Echo Dot etc.
- Face, Vision and Speech recognition softwares
- Data Mining and much more
- Retail
- Health care
- Banking & Finance
- Sales & Marketing
- Cyber Security
- Customer service
- Transportation
- Manufacturing
- Agriculture
- Gaming
- Automobile, etc.

Prime Recruiters in this field

- Amazon
- Accenture
- IBM
- Microsoft
- Intel
- Meta
- Cappgemini
- Deep mind

Job roles:

- Machine Learning Engineer
- AI Engineer
- Business Intelligence Developer
- Data Scientist
- Big Data Engineer
- AI Data Analyst, etc.

Certification:

GITH Certified International Certification

	I SEM	II SEM	III SEM	IV SEM	V SEM	VI SEM	TOTAL
FEE STRUCTURE	98800	49800	32800	32800	32800	32800	279800

ADDNL IN I SEMESTER

CAUTION DEPOSIT: 1000 APPLICATION: 500 ID CARD: 180 CAP: According to University fee