



FACULTY OF
**ENGINEERING &
& TECHNOLOGY**

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UNIVERSE OF
POSSIBILITIES
**TRANSFORM
YOUR WORLD**

10 Rank in India (TOI 2019)

#LearnWhatMatters

PG Diploma in Artificial Intelligence and Machine Learning

(Jointly offered by
MIT-WPU School of ECE
and School of CET
in collaboration with
Wiley NXT)

 mitwpu.edu.in

3rd
Best Private University
To Study In India
(INDIA TODAY 2018)

4 DECADES
of
EXCELLENCE

5th
Best Private
Institute In Research
(TOI 2019)

15th
Best for Placement
In India
(TOI 2019)


1,000+
Faculty


16,000+
Students


Average Salary
₹ 6.5 LACS PA


1,00,000+
Alumni

PG Diploma

Artificial Intelligence and Machine Learning

Duration 11 Months

Trimesters 3

Intake: 60

Faculty of Engineering and Technology

The PG Diploma in Artificial Intelligence and Machine Learning is jointly offered by School of Electronics and Communication Engineering (ECE) and School of Computer Engineering & Technology (CET) in collaboration with Wiley NXT. The schools are the most sought after schools amongst the youngsters. The main objective is to nurture the students to make them industry ready by exposing them to the state-of-the-art technologies backed by a strong foundation in Science and Engineering. Towards this goal, strong interface has been developed with Industry and research organizations such as Texas Instruments, NVIDIA, IBM, KPIT, ATMEL, INTEL, Tata Elxsi, Agiliad, Jampot Photonics, Relyon Solar, ICTP, DRDO, CDAC and many others to work on emerging fields. We have signed MOUs with leading IT industries such as Infosys, TCS, Microsoft, Amdocs, Accenture, Cognizant, Thought Works and National Entrepreneurship Network to promote Industry-Institute interaction.

About PG Diploma in Artificial Intelligence and Machine Learning

With over 1.5 million engineers graduating every year in the engineering institutions and the ever growing pace of changing industry skill demands, this PG diploma course will respond to the industry skills at the same pace as demanded by the industry. The highly selective and rigorous 11 months PG Diploma in Artificial Intelligence and Machine Learning, aims to prepare professionals for Artificial Intelligence and Machine Learning roles and job opportunities.

Program Delivery

The continuous assessment of all the courses of PGD-AIML program shall consist of assignments/case studies/ tests / presentations / hands-on/projects etc.

Nature of Work of PG Diploma AI & ML Graduates

AI is going to permeate every job sector in the future. It can create new career paths in the field of Machine learning, Data mining and Analysis, AI software development, program management, testing, cyber security, transport, marketing & advertising. Tech giants like Apple, Google and Facebook have already climbed on the bandwagon of AI. One can work as- Machine Learning Engineer, Data Scientist, Business Intelligence Developer, Research Scientist, Big Data Engineer/Architect. The demand for AI certified professionals will grow along with the developments in AI.

Research Areas

Research Areas in AI and ML and applied domains including IoT, Healthcare, Agriculture, Cyber Security and Computer Vision etc.



Current research project topics being carried out by faculty

The following research projects are carried out by research group at MITWPU in association with LeadingIndia.ai.

- Image generation using Deep Convolutional Generative Adversarial Network (GANs)
- Convolution Neural Network (CNN) for Image Classification

Research Facilities

AI and Machine Learning Laboratory, CUDA processor, PARAM Shavak

Grant received in last 5 years - ₹ 79.07 lakhs

Program Structure

Program Specializations in Brief

This program covers following modules: Mathematics for Machine Learning, Supervised and Unsupervised Learning, Artificial Neural Networks, Deep Learning, Natural Language Processing, Data Intelligence and Analytics, Concurrent Neural Networks, hands on experience in parallel processing and programming with Python, Real Life projects in collaboration with industries and/or foreign universities

TRIMESTERS

1

- Mathematics for Machine Learning
- Supervised and Unsupervised Learning
- Data Science with R
- Python for Data Science
- Artificial Neural Networks

2

- Deep Learning Networks
- Query Writing with MySQL
- Data Intelligence and Analytics
- Machine Learning with R
- Machine Learning with Python

3

- Natural Language Processing
- Seminar: Case Study
- Project



ELIGIBILITY AND SELECTION CRITERIA

Any BE, BTech, ME, MTech in Electronics and Computer Engineering, MSc in Mathematics, Electronics and Computer, BCA or MCA

FEE STRUCTURE

Fees: ₹2.45 Lakhs

Eligibility & Selection Process



SINCE 1983
Dr. Vishwanath Karad
MIT WORLD PEACE UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS



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