FACULTY OF ENGINEERING AND TECHNOLOGY

MIT-WPU
|| विश्वशान्तिर्धुवं ध्रुवा ||

2024 - 25

Post Graduate Diploma in Artificial Intelligence and Machine Learning

Programme Structure

Division	Faculty of Engineering and Technology
School Name	School of Engineering & Technology
Department Name	Department of Electrical and Electronics Engineering
Programme Name	Post Graduate Diploma in Artificial Intelligence and Machine Learning

Course Basket

Course Type	Description
Programme Core	Courses dealing with foundations, depth and breadth of the major in which student is admitted at MIT-WPU
Programme Electives	Open electives under the programme allow students to specialize in a particular area connected to their major.
University Core	Courses that reflect the core MITWPU values and the mission of Life Transformation of students.
University Electives	Multidisciplinary courses across the faculties at MIT-WPU and outside the programme core.

Sr. No.	Course Name / Course Title	Type	Credits	
1	Machine Learning Algorithms	PC	3	1
2	Artificial Intelligence	PC	3	-
3	Image Processing	PC	3	1
4	Python Programming	PC	-	1
5	Deep Learning Networks	PC	3	-
6	Deep Learning Lab	PC	-	1
7	ML Mathematics	PC	3	-
8	R Programming	PC	-	1

Sr. No.	Course Name / Course Title	Type	Credits	
1	Data Analytics	PC	3	-
2	Natural Language Processing Techniques	PC	3	1
3	AI Computing Tools	PC	-	1
4	Introduction to Database	PC	-	1
5	Project/Internship	PR	-	10
6	Data Science lab	PC	-	1

*Modifications to the programmes and courses are contingent upon adherence to university guidelines and procedures. Any proposed changes must undergo a thorough review process, including consultation with relevant academic departments, approval from the appropriate administrative bodies, and compliance with accreditation standards.

Additionally, consideration will be given to feedback from students, faculty, and other stakeholders to ensure that modifications align with the overall educational objectives and mission of the university. The implementation of any approved changes will be communicated transparently to the university community, and appropriate measures will be taken to facilitate a smooth transition for all affected parties.