MIT-WPU

|| विश्वशान्तिर्धुवं ध्रुवा ||

MIT WORLD PEACE UNIVERSITY

SHRI SAINT JNANESHWARA WORLD PEACE LIBRARY

2024 - 25

M.Sc. (Blockchain Technology)

Programme Structure

Division	Faculty of Engineering and Technology
School Name	School of Computer Science & Engineering
Department Name	Department of Computer Science and Applications
Programme Name	M.Sc. (Blockchain Technology)

Course Basket

Course Type	Description
Programme Core	Courses dealing with foundations, depth and breadth of the major in which a student is admitted at MIT-WPU
Programme Electives	Open electives under the Programme allow students to specialise 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.

Actual Credit Distribution

		% Credit Allotment	Credit Assigned
Programme core PM		35.20%	31
Programme electives		18.20%	16
Programme research	Break up of research credits	36.37% Total Credits	32 Total Credits
	Mini project	6.82%	6
	MOOC	4.55%	4
	Research Paper Writing	2.27%	2
Full-Time Industrial Internship		22.73%	20
University core	Research Methodology	4.50%	04 (first semester)
University core	Peace + Yoga	5.70%	05 (02+02+01)*

Semester	Course Type	Course Name / Course Title	Total Credits
I	Programme Major	Advance Data Structure	4
I	Programme Major	Advanced Database Management System	3
I	Programme Major	Introduction to Blockchain Ecosystem	3
I	Programme Major	Transaction Management using MIS	3
I	Programme Capstone Project, Problem-Based Learning, Seminar and Internships	Mini Project-1	2
I	University Core	Research Methodology	4
I	University Core	Scientific Studies of Mind, Matter, Spirit and Consciousness	2
I	University Core	Yoga	1
		Total	22

Semester	Course Type	Course Name / Course Title	Total Credits
II	Programme Major	Blockchain Architecture	4
II	Programme Major	Smart Contracts Programming	4
II	Programme Capstone Project, Problem-Based Learning, Seminar and Internships	Mini Project-2	2
II	Programme Capstone Project, Problem-Based Learning, Seminar and Internships	Research Paper Writing	2
II	Programme Elective	PE-1 Python Programming	4
II		PE-1 Digital Forensic	
II		PE-1 DevOps	
II		PE-1 Public Blockchain- Ethereum	

Semester	Course Type	Course Name / Course Title	Total Credits
II	Programme Elective	PE-2 AngularJS	4
II		PE-2 Network Security	
II		PE-2 Cryptocurrency Mining	
II		PE-2 Introduction to Hyperledger	
II	University Core	Peacebuilding: Global Initiatives	2
		Total:	22

Semester	Course Type	Course Name / Course Title	Total Credits
III	Programme Major	Blockchain Technology and Applications	3
III	Programme Major	Blockchain and IoT Applications	3
III	Programme Major	Cloud Platforms	4
III	Programme Capstone Project, Problem-Based Learning, Seminar and Internships	Mini Project-3	2
III	Programme Capstone Project, Problem-Based Learning, Seminar and Internships	MOOC	2
III	Programme Elective	PE-3 AI and Business Intelligence	4
III		PE-3 Cyber Laws	
III		PE-3 Big Data Security	
III		PE-3 ReactJS	
III	Programme Elective	PE-4 API Interfacing	4
III		PE-4 Machine Learning	
III		PE- 4 R Programming	
III		PE- 4 Typescript Programming	
		Total	22

Semester	Course Type	Course Name / Course Title	Total Credits
IV	Programme Capstone Project, Problem-Based Learning, Seminar and Internships	Full-time Industrial Training	20
IV	Programme Capstone Project, Problem-Based Learning, Seminar and Internships	MOOC	2
		Total:	22

*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.