MIT-WPU
॥ विश्वशान्तिर्ध्रुवं ध्रुवा ॥

FACULTY OF BUSINESS AND LEADERSHIP



5-Year Integrated BBA + MBA in Construction Management

Programme Structure

mitwpu.edu.in

Division	Faculty of Engineering and Technology
School Name	Hastak School of Construction Engineering & Management
Programme Name	5-Year Integrated BBA + MBA in Construction Management

Semester	Odd (I)	Even (II)	Total Credits
First Year	20	20	40
Second Year	20	21	41
Third Year	22	20	42
Fourth Year	23	21	44
Fifth Year	23	20	43

COURSE BASKET

Course Type	Description
Programme Core (PC)	Courses dealing with foundations, depth and breadth of the major in which a student is admitted at MIT-WPU.
Programme Electives (PE)	Open electives under the programme allow students to specialise in a particular area connected to their major.
Programme Research (PR)	Includes areas like Internship, Capstone Project, Research Methodology and Project Seminar.
University Core (UC)	Courses that reflect the core MIT-WPU values like Peace and Yoga and the mission of Life Transformation of students.

Semester I

Semester	Course Type	Course Name / Course Title	Total Credits
I	PC	Basics of Civil Engineering & Construction Materials	4
I	PC	Construction Drawing & CAD	4
I	PC	Business Organisation & Site Administration	3
I	PC	Engineering Mathematics	3
I	PC	Business English & Site Reporting	2
I	UC	Indian Constitution	1
I	UC	Environment and Sustainability	1
I	UC	Yoga - I	1
I	UC	Financial Literacy	1
		Total Credits:	**20**

Semester II

Semester	Course Type	Course Name / Course Title	Total Credits
II	PC	Executive Data & Site Documentation Lab	1
II	PC	Elementary Surveying & Site Layout	3
II	PC	Bookkeeping & Site Accounts	3
II	PC	Business Statistics & Site Data Analytics	2
II	PC	Construction Workshop Practice (Carpentry, Fitting, Formwork & Site Trades)	1
II	UC	Co-creation	1
II	UC	AI for everyone	2
II	UR	Foundations of Peace	2
II	UC	Sports	1
II	PR	Internship I: Site Operations & Store Management	4
		Total Credits:	**20**

Semester - III

Semester	Course Type	Course Name / Course Title	Total Credits
III	PC	Basics of Applied Mechanics	3
III	PC	Concrete Practice & Site Testing	3
III	PC	Basics of RCC & Steel Structures & Drawings	3
III	PC	Plant & Equipment Operations	3
III	UE	University Elective – I	3
III	UC	Indian Knowledge System	2
III	UC	Spiritual and Cultural Heritage: Indian Experience	2
III	UC	Research Innovation Design Entrepreneurship	1
		Total Credits:	**20**

SEMESTER - IV

Semester	Course Type	Course Name / Course Title	Total Credits
IV	PC	Building Services (MEP: Electrical, Plumbing, HVAC)	3
IV	PC	Site Safety & Hygiene	3
IV	PC	Measurement & Bill of Quantities	3
IV	UE	University Elective – II	3
IV	UC	Rural Immersion Program	1
IV	UC	Life Realization Program	1
IV	PR	Internship II: Project Coordination & Subcontractor Billing	7
		Total Credits:	**21**

SEMESTER V

Semester	Course Type	Course Name / Course Title	Total Credits
V	PC	Construction Contracts	3
V	PC	Supply Chain Logistics	3
V	PC	Project Schedule Preparation & Progress Tracking	3
V	PC	BIM Model Lab	2
V	PC	BOQ Verification, Tendering & Contract Drafting Workshop	2
V	PE (Programme Elective - I)	Advanced Concrete Technology	4
		Property Valuation Methods	
		Highway, Flyovers & Utility Engineering Fundamentals	
V	UE	University Elective – III	3
V	UC	Managing Conflicts Peacefully: Tools and Techniques	2
		Total Credits:	**22**

SEMESTER VI

Semester	Course Type	Course Name / Course Title	Total Credits
VI	PC	RERA & Real Estate Laws	2
VI	PC	Labour Management & Welfare	2
VI	PC	Digital Construction 4.0	2
VI	PC	Construction ERP Lab	2
VI	PR	Industry Capstone Project	6
VI	PE (Programme Elective - II)	Ready-Mix Plant Operations	4
		Property & Facility Management	
		Construction Costing & MIS Reporting	
VI	UC	National Academic Immersion Program	2
VI	UC	Democracy, Leadership, Governance and Public Policy	0
		Total Credits:	**20**

SEMESTER VII

Semester	Course Type	Course Name / Course Title	Total Credits
VII	PC	Accounting and Financial Management in Construction	3
VII	PC	Construction Technologies and Systems	3
VII	PC	Means and Methods workshop	2
VII	PC	Project Planning and Scheduling I	3
VII	PC	Fundamentals of Management	2
VII	PC	Quantity Estimation and Economics	3
VII	PC	Communication for Construction Managers	1
VII	PC	Application of AI, IoT in Construction Projects	3
VII	UC	Scientific Studies of Mind, Matter, Spirit, and Consciousness	2
VII	UC	Yoga – II	1
		Total Credits:	**23**

SEMESTER VIII

Semester	Course Type	Course Name / Course Title	Total Credits
VIII	PC	Construction Material Management	3
VIII	PC	Contracts and Claims Management	3
VIII	PC	Project Planning and Scheduling II	1
VIII	PC	Construction Safety Management	3
VIII	PC	BIM Fundamentals and Applications	2
VIII	PC	Human Resource Management	2
VIII	PC	Digital Skills for Managers	1
VIII	PR	Research Methodology and Project Seminar	4
VIII	UC	Peace Building: Global Initiatives	2
		Total Credits:	**21**

SEMESTER IX

Semester	Course Type	Course Name / Course Title	Total Credits
IX	PC	Advanced Risk Management in Projects	3
IX	PC	Lean Construction and Operations	3
IX	PC	Temporary Works Planning and Management	2
IX	PC	Sustainable Practices in Infrastructure Projects	2
IX	PC	Legal Aspects of Construction	2
IX	PC	Construction Quality Management	3
IX	PE (Programme Elective - III)	Valuation of Properties	4
		Operations Research for Project Managers	
		Forensic Engineering	
		Real Estate Development / Project Management	
IX	PR	Capstone Project - I	4
		Total Credits:	**23**

SEMESTER X

Semester	Course Type	Course Name / Course Title	Total Credits
X	PC	Strategic Management in Construction	3
X	PC	Project Formulation and Appraisal	3
X	PE (Programme Elective - IV)	PPP Contracts and Concession Management	4
		Tunnel Construction Planning and Control	
X	PR	Capstone Project - II	6
X	PR	Internship	4
		Total Credits:	**20**

Note: University Electives I-III are chosen by the student from the University basket. Allied branches students need to take bridge courses offered as per pre-requisites in the curriculum.

*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.