



Dr. Babasaheb Ambedkar Technological University Lonere

Department of Civil Engineering

“Vidyavihar”, LONERE 402103, Dist. Raigad, Maharashtra, India

MULTIDISCIPLINARY MINOR COURSES BUCKET (UNIVERSITY DEPARTMENT)

B. Tech. in Civil Engineering

	Category	Subject Code	Subject Name	Total Credits
SEM-III	Foundation Courses	24UD1191MD306	Introduction to Engineering Geology	3
SEM-IV	Applied Engineering Courses	24UD1191MD406	Remote Sensing, GIS and GPS	3
SEM-V	Applied Engineering Courses	25UD1191MD506	Engineering Economics and Project Management	3
SEM-VI	Electives/ Specialization Courses	25UD1191MD606	Town and Urban Planning	2
SEM-VI	Electives/ Specialization Courses	25UD1191MD606	Planning for Sustainable Development	2
SEM-VII	Electives/ Specialization Courses	26UD1191MD706	Advanced Environmental Engineering	2
SEM-VII	Electives/ Specialization Courses	26UD1191MD706	Bamboo for Sustainable Development	2
SEM-VIII	Online Course	26UD1191MD801	MOOC/SWAYAM/NPTEL	2
TOTAL CREDITS				19
TOTAL CREDITS REQUIRED TO COMPLETE A MINOR DEGREE IN CIVIL ENGINEERING				14



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MULTIDISCIPLINARY MINOR COURSES BUCKET (AFFILIATED INSTITUTES)

B. Tech. in Civil Engineering

Semester	Category	Subject Code	Subject Name	Total Credits
SEM-III	Foundation Courses	25AF1191MD306	Introduction to Engineering Geology	3
SEM-V	Applied Engineering Courses	26AF1191MD506	Engineering Economics and Project Management	3
SEM-VI	Applied Engineering Courses	26AF1191MD606	Geomatics Engineering	3
SEM-VII	Electives/Specialization Courses	27AF1191MD706	Town and Urban Planning	2
SEM-VIII	Electives/Specialization Courses	27AF1191MD801	Advanced Environmental Engineering	3
	Online Course		MOOC/SWAYAM/NPTEL	3
TOTAL CREDITS				17
TOTAL CREDITS REQUIRED TO COMPLETE A MINOR DEGREE IN CIVIL ENGINEERING				14



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MULTIDISCIPLINARY MINOR COURSES BUCKET (AFFILIATED INSTITUTES)

B. Tech. in Civil & Environmental Engineering

Semester	Category	Subject Code	Subject Name	Total Credits
SEM-III	Foundation Courses	25AF1922MD306	Engineering Geology	3
SEM-V	Applied Engineering Courses	25AF1922MD406	Application of AI and ML in Civil Engineering	3
SEM-V	Electives/Specialization Courses	26AF1922MD506	Construction Techniques	3
SEM-VI	Electives/Specialization Courses	26AF1922MD606	Construction Management	3
SEM-VI	Electives/Specialization Courses	26AF1922MD606	Engineering Economics and Project Management	3
SEM-VII	Electives/Specialization Courses	27AF1922MD706	Town and Urban Planning	3
SEM-VII	Electives/Specialization Courses	27AF1922MD706	Planning & Sustainable Development	3
SEM-VIII	Online Course	27AF1922MD801	MOOC/SWAYAM/NPTEL	2
TOTAL CREDITS				23
TOTAL CREDITS REQUIRED TO COMPLETE A MINOR DEGREE IN CIVIL ENGINEERING				14



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MULTIDISCIPLINARY MINOR COURSES BUCKET (AFFILIATED INSTITUTES)

B. Tech. in Civil & Infrastructure Engineering

Semester	Category	Subject Code	Subject Name	Total Credits
SEM-III	Foundation Courses	25AF1918MD306	Engineering Geology	3
SEM-V	Applied Engineering Courses	25AF1918MD406	Application of AI and ML in Civil Engineering	3
SEM-V	Electives/Specialization Courses	26AF1918MD506	Construction Techniques	3
SEM-VI	Electives/Specialization Courses	26AF1918MD606	Construction Management	3
SEM-VI	Electives/Specialization Courses	26AF1918MD606	Engineering Economics and Project Management	3
SEM-VII	Electives/Specialization Courses	27AF1918MD706	Town and Urban Planning	3
SEM-VII	Electives/Specialization Courses	27AF1918MD706	Planning & Sustainable Development	3
SEM-VIII	Online Course	27AF1918MD801	MOOC/SWAYAM/NPTEL	2
TOTAL CREDITS				23
TOTAL CREDITS REQUIRED TO COMPLETE A MINOR DEGREE IN CIVIL ENGINEERING				14



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MULTIDISCIPLINARY MINOR COURSES BUCKET (AFFILIATED INSTITUTES)

M. Tech. Integrated-Civil Structural Engineering

Semester	Category	Subject Code	Subject Name	Total Credits
SEM-III	Foundation Courses	25AF1906MD306	Introduction to Engineering Geology	3
SEM-IV	Applied Engineering Courses	25AF1906MD406	Geomatics Engineering	3
SEM-V	Applied Engineering Courses	26AF1906MD506	Disaster Management: Preparedness & Planning	3
SEM-V	Applied Engineering Courses	26AF1906MD506	Engineering Economics and Project Management	3
SEM-VI	Electives/Specialization Courses	26AF1906MD606	Town and Urban Planning	3
SEM-VI	Electives/Specialization Courses	26AF1906MD606	Planning & Sustainable Development	3
SEM-VII	Electives/Specialization Courses	27AF1906MD706	Advanced Environmental Engineering	3
SEM-VIII	Online Course	27AF1906MD806	MOOC/SWAYAM/NPTEL	2
TOTAL CREDITS				23
TOTAL CREDITS REQUIRED TO COMPLETE A MINOR DEGREE IN CIVIL ENGINEERING				14