

**DEPARTMENT OF CIVIL ENGINEERING
JAMIA MILLIA ISLAMIA, NEW DELHI
SWAYAM Courses in B. Tech. (Civil Engineering) Academic Session: 2025-26
Even Semester**

B. Tech (Civil) IV-SEMESTER (SWAYAM Courses)

S. No.	Courses offered by CED, JMI			Equivalent course by SWAYAM			Code in JMI for SWAYAM course
	Course Code	Subject	Credits	Course Code	Subject	Credits	
1.	AST-401	Operation Research	3		Operation Research	3	AST-401-S
2.	AST-402	Economics	3		Economics	3	AST-402-S

B. Tech (Civil) VI-SEMESTER (SWAYAM Courses)

S. No.	Courses offered by CED, JMI			Equivalent course by SWAYAM			Code in JMI for SWAYAM course
	Course Code	Subject	Credits	Course Code	Subject	Credits	
1.	CEC-604	Engineering Hydrology	3		Engineering Hydrology	3	CEC-604-S
2.	CEE-601	Advanced Structural Design 1	3		Analysis and Design of Pavement Materials	3	CEE-601-S1
					Modern Construction Materials	3	CEE-601-S2

B. Tech (Civil) VIII-SEMESTER (SWAYAM Courses)

S. No.	Courses offered by CED, JMI			Equivalent course by SWAYAM			Code in JMI for SWAYAM course
	Course Code	Subject	Credits	Course Code	Subject	Credits	
1.	CE-801	Earthquake Resistant Design	3		Seismic Design of Building Structures	3	CE-801-S1
					Geographic Information System	3	CE-801-S2
2.	CE-805	Prestressed Concrete Design	3		Repair and Maintenance of Building	3	CE-805-S3