

**MRSPTU B. TECH WITH MINOR DEGREE IN CIVIL ENGG SYLLABUS  
2018 BATCH ONWARDS**

Semester-III (B.Tech Minor in Civil Engg.)		Contact Hours			Max Marks		Total Marks	Credits
Subject Code	Subject Name	L	T	P	Int.	Ext.		
		BCIEM1-301	Engineering & Solid Mechanics	3	1	0	40	60
BCIEM1-302	Surveying	3	0	0	40	60	100	3
BCIEM1-303	Building Materials & Construction	3	0	0	40	60	100	3

Semester-IV (B.Tech Minor in Civil Engg.)		Contact Hours			Max Marks		Total Marks	Credits
Subject Code	Subject Name	L	T	P	Int.	Ext.		
		BCIEM1-401	Design of Concrete Structures-I	3	0	0	40	60
BCIEM1-402	Transportation Engineering-I	3	0	0	40	60	100	3
BCIEM1-403	Environmental Engineering-I	3	0	0	40	60	100	3

Semester-V (B.Tech Minor in Civil Engg.)		Contact Hours			Max Marks		Total Marks	Credits
Subject Code	Subject Name	L	T	P	Int.	Ext.		
		BCIEM1-501	Geotechnical Engineering	3	0	0	40	60
BCIEM1-502	Construction Engineering & Management	3	0	0	40	60	100	3
BCIEM1-503	Design of Steel Structures-I	3	0	0	40	60	100	3

Semester-VI (B.Tech Minor in Civil Engg.)		Contact Hours			Max Marks		Total Marks	Credits
Subject Code	Subject Name	L	T	P	Int.	Ext.		
		BCIEM1-601	Professional Practice & Law	3	1	0	40	60
BCIEM1-602	Irrigation Engineering	3	0	0	40	60	100	3
BCIEM1-603	Solid & Hazardous Waste Management	3	0	0	40	60	100	3

**MRSPTU B. TECH WITH MINOR DEGREE IN CIVIL ENGG SYLLABUS  
2018 BATCH ONWARDS**

Semester-VII (B.Tech Minor in Civil Engg.)		Contact Hours			Max Marks		Total Marks	Credits
Subject Code	Subject Name	L	T	P	Int.	Ext.		
		BCIEM1-701	Earthquake Engineering	2	0	0	40	60
BCIEM1-702	Prestressed Concrete	3	0	0	40	60	100	3
BCIEM1-703	Pavement Construction and Management	3	0	0	40	60	100	3

Semester-VIII (B.Tech Minor in Civil Engg.)		Contact Hours			Max Marks		Total Marks	Credits
Subject Code	Subject Name	L	T	P	Int.	Ext.		
		BCIEM1-801	Engineering Hydrology	3	0	0	40	60
BCIEM1-802	Bridge Engineering	3	0	0	40	60	100	3
BCIEM1-803	Disaster Management	3	0	0	40	60	100	3

**Note:**

1. The students may opt one/two subjects from the MOOCs/ SWAYAM as per University Notification & as per the AICTE Model Curriculum as modified from time to time.
2. A student can opt at most one subject from each semester.