List of Program Electives

S. No.	Subjects	Subject Code
1	Soil-Structure Interaction	MTGT-601
2	Rock Mechanics	MTGT-602
3	Geosynthetic Engineering	MTGT-603
4	Structural Design of Foundations	MTGT-604
5	Clay Mineralogy	MTGT-605
6	Retaining Structures	MTGT-606
7	Slope Stability Analysis	MTGT-607
8	Case Histories in Geotechnical Engineering	MTGT-608
9	Earth Anchors	MTGT-609
10	Design of Highway and Airport Pavements	MTGT-610
11	Strength of Materials	MTGT-611
12	Burried Structures	MTGT-612
13	Environmental Impact assessment & Management	MTGT-613
14	Soil chemistry, pollution & Control	MTGT-614
15	Disaster Reduction and management	MTGT-615
16	Environmental Geotechnology	MTGT-616
17	Ground Improvement	MTGT-617
18	Earthen Embankment	MTGT-618
19	Geomechanics	MTGT-619
20	Highway Materials & Construction	MTGT-620

List of subjects to be offered as 'Open Electives'

	Subjects	Subject Code
1	Experimental Methods in Engineering — (?)	MTGT-621
2	Numerical Methods in Engineering	MTGT-622
3	Instrumentation and model simulation	MTGT-623
4	Advanced Engineering Mathematics	MTGT-624
5	Probabilistic Methods in Engineering — (?)	MTGT-625
6	Limit Analysis	MTGT-626

MTGT-621 — 625

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