

Baddi University of Emerging Sciences & Technology
B.Tech(Civil Engineering)Scheme 3rd to 8th Semester

Scheme of Examination (Civil Engineering)					
Third Semester					
Course Code	Subjects	L	T	P	Credits
UCE-301	Solid Mechanics	4	1	-	4.5
UCE-302	Fluid Mechanics-I	4	1	-	4.5
UCE-303	Surveying-I	3	1	-	3.5
UCE-304	Advance Construction Technology	4	-	-	4
UCE-305	Concrete Technology	3	1	-	3.5
UCE-306	Engineering Geology & Rock Mechanics	3	-	-	3
UCE-307	Solid Mechanics Lab.	-	-	2	1
UCE-308	Fluid Mechanics-I Lab	-	-	2	1
UCE-309	Surveying Lab.-I	-	-	2	1
UCE-310	Concrete Lab.	-	-	2	1
UPD-301	PDP	-	-	2	
TOTAL		21	4	10	27
				TOTAL HOURS	35

Scheme of Examination (Civil Engineering)					
Fourth Semester					
Course Code	Subjects	L	T	P	Credits
UCE-450	Structural Analysis-I	4	1	-	4.5
UCE-451	Design & Drawings of Steel Structure-I	4	2	-	5
UCE-452	Fluid Mechanics-II	3	1	-	3.5
UCE-453	Surveying-II	3	1	-	3.5
UCE-454	Soil Mechanics	3	1	-	3.5
UCE-455	Principles of Engg. Economics & Mgt.	3	-	-	3
UCE-456	Structural Analysis Lab	-	-	2	1
UCE-457	Surveying-II Lab.	-	-	2	1
UCE-458	Soil Mechanics Lab	-	-	2	1
UPD-450	PDP	-	-	2	
TOTAL		20	6	8	26
				TOTAL HOURS	34

Scheme of Examination (Civil Engineering)					
Fifth Semester					
Course Code	Subjects	L	T	P	Credits
UCE-501	Structure Analysis-II	4	1	-	4.5
UCE-502	Design & Drawing of Concrete Structure-I	4	2	-	5
UCE-503	Irrigation Engineering-I	3	2	-	4
UCE-504	Transportation Engineering-I	3	1	-	3.5
UCE-505	Geotechnical Engineering	3	1	-	3.5
UCE-506	Environmental Engineering-I	3	1	-	3.5
UCE-507	Transportation Engineering-I Lab.	-	-	2	1
UCE-508	Environmental Engg.Lab.	-	-	2	1
UCE-509	Survey Camp	-	-	-	2
UPD-501	PDP	-	-	2	-
TOTAL		20	8	6	28
				TOTAL HOURS	34

Scheme of Examination (Civil Engineering)					
Sixth Semester					
Course Code	Subjects	L	T	P	Credits
UCE-650	Structure Analysis-III	4	1	-	4.5
UCE-651	Design of Steel Structure-II	4	2	-	5
UCE-652	Design & Drawing of Concrete Structure-II	4	2	-	5
UCE-653	Transportation Engineering-II	4	1	-	4.5
UCE-654	Environmental Engineering-II	3	1	-	3.5
UCE-655	Construction Planning & Management	3	1	-	3.5
UCE-656	Computer Applications Lab.	-	-	2	2
UPD-650	PDP	-	-	2	-
TOTAL		22	8	4	28
				TOTAL HOURS	34

Scheme of Examination (Civil Engineering)					
Seventh/ Eighth Semester					
Course Code	Subjects	L	T	P	Credits
UCE-701	Design & Construction of Bridge Engineering	4	2	-	5
UCE-702	Estimating & Costing	4	2	-	5
UCE-703	Irrigation Engineering-II	4	2	-	5
UCE-704	Earthquake Engg.	3	1	-	3.5
UCE-705	Hydrology & Dams	3	1	-	3.5
UCE-706	Elective	4	1	-	4.5
UCE-707	Major Project	-	-	3	1.5
UPD-701	PDP	-	-	2	-
TOTAL		22	9	3	28
TOTAL HOURS					31

S. No.	Electives	L	T	P
1	Hospital, Engg. & Management	4	1	-
2	Risk Assesment & Disaster Management	4	1	-
3	Soil Dynamics	4	1	-
4	Ground Water Engineering	4	1	-
5	Advance Structural Analysis	4	1	-
6	Town Plannning & Architechtrual Assistantship	4	1	-
7	Environmental Impact Assesment & Infrastructure System	4	1	-

Scheme of Examination (Civil Engineering)					
Seventh/ Eighth Semester					
Course Code	Subjects	L	T	P	Credits
UCE-850	Industrial Training (Full Semester)	-	-	-	25
TOTAL					25