

FIRST YEAR

FIRST SEMESTER

		Periods per Week			Marks	
		L	T	S	Exam	Sess
Theoretical papers						
Ph/T/1B	Physics – IB (Physics Dept)	03	-	-	100	-
CON/Math/T/112	Mathematics-IE (Mathematics Dept)	03	-	-	100	-
CON/Math/T/113	Numerical Analysis & Computer programming (Comp Sc. Dept.)	03	-	-	100	-
CON/PE/T/114	Engineering Mechanics-I (Power Engg)	03	01	-	100	-
CON/Chem/T/115	Chemistry (Chemistry Dept.)	03	-	-	100	-
CON/PE/T/116	Engineering Drawing-I (Power Engg.)	03	01	-	100	-
Sessional papers						
Ph/S/1	Physics Lab (Physics Dept)	-	-	03	-	100
CON/PE/S/112	Workshop Practice (Power Engg.)	-	-	03	-	100
CON/Chem/S/113	Chemistry Lab (Chemistry Dept.)	-	-	03	-	100
CON/CSE/S/114	PC Lab (Comp Sc. Dept.)	-	-	03	-	100
	Total Periods / Week	18	02	12		
	Total Marks	-	-	-	600	400

FIRST YEAR

SECOND SEMESTER

		Periods per Week			Marks	
		L	T	S	Exam	Sess
Theoretical papers						
CON/PE/T/121	Hydraulics (Power Engg.)	03	-	-	100	-
CON/PE/T/122	Engineering Mechanics-II (Power Engg.)	03	01	-	100	-
CON/PE/T/123	Basic electrical and electronics Engineering (Power Engg. & IEE Dept.)	03	01	-	100	-
CON/PE/T/124	Thermodynamics and Heat power (Power Engg.)	03	-	-	100	-
CON/Math/T/125	Mathematics-IIIE (Mathematics Dept)	03	-	-	100	-
Hum/T/A	Humanities-A (English & Sociology)	03	-	-	100	-
Sessional papers						
CON/PE/S/121	Mechanical Engineering Lab (Power Engg.)	-	-	03	-	100
CON/PE/S/122	Hydraulics Lab (Power Engg.)	-	-	03	-	100
CON/PE/S/123	Electrical Engineering Lab (Power Engg.)	-	-	03	-	100
CON/PE/S/124	Engineering Drawing-II (Power Engg.)	-	-	03	-	100
	Total Periods / Week	18	02	12	-	
	Total Marks	-	-	-	600	400

SECOND YEAR

FIRST SEMESTER

		Periods per Week			Marks	
		L	T	S	Exam	Sess
Theoretical papers						
CON/Geo/T/211	Engineering Geology (Geology Dept.)	03	-	-	100	-
CON/T/212	Surveying	03	01	-	100	-
CON/T/213	Strength of Materials	03	01	-	100	-
CON/T/214	Materials of Construction	03	-	-	100	-
CON/T/215	Building Services	03	-	-	100	-
CON/PE/T/216	Water Resources Engineering	03	-	-	100	-
Sessional papers						
CON/S/211	Civil Engg. drawing	-	-	03	-	100
CON/Geo/S/212	Engineering Geology Lab (Geology Dept.)	-	-	03	-	100
CON/S/213	Materials Lab-I	-	-	03	-	100
CON/S/214	Survey Sessional & Camp	-	-	03	-	100
	Total Periods / Week	18	02	12	-	-
	Total Marks	-	-	-	600	400

SECOND YEAR

SECOND SEMESTER

		Periods per Week			Marks	
		L	T	S	Exam	Sess
Theoretical papers						
CON/T/221	Soil Mechanics-I	03	01	-	100	-
CON/T/222	Theory of Structure-I	03	01	-	100	-
CON/T/223	Concrete Technology	03	-	-	100	-
CON/T/224	Process of Construction	03	-	-	100	-
CON/T/225	Construction Management -I	03	-	-	100	-
CON/T/226	Estimating and Pricing	03	-	-	100	-
Sessional papers						
CON/S/221	Estimating and Pricing Project	-	-	03	-	100
CON/S/222	Materials Lab.-II	-	-	03	-	100
CON/S/223	Computer aided Civil Engineering Drawing	-	-	03	-	100
CON/S/224	Soil Mechanics Lab	-	-	03	-	100
	Total Periods / Week	18	02	12	-	-
	Total Marks	-	-	-	600	400

THIRD YEAR

FIRST SEMESTER

		Periods per Week			Marks	
		L	T	S	Exam	Sess
Theoretical papers						
CON/T/311	Construction Management-II	03	-	-	100	-
CON/T/312	Soil Mechanics-II	03	-	-	100	-
CON/T/313	Transportation Engineering	03	-	-	100	-
CON/T/314	Theory of Structure-II	03	01	-	100	-
CON/T/315	Design of Structure-I	03	01	-	100	-
CON/T/316	Construction Plants, Equipments	03	-	-	100	
Sessional papers						
CON/S/311	Concrete Lab	-	-	03	-	100
CON/S/312	Structural Design Sessional - I	-	-	03	-	100
CON/S/313	Structural Laboratory	-	-	03	-	100
CON/S/314	Project-I on Construction Management	-	-	03	-	100
	Total Periods / Week	18	02	12	-	-
	Total Marks	-	-	-	600	400

THIRD YEAR

SECOND SEMESTER

		Periods per Week			Marks	
		L	T	S	Exam	Sess
Theoretical papers						
CON/T/321	Foundation Systems	03	01	-	100	-
CON/T/322	Design of Structure-II	03	01	-	100	-
CON/T/323	Construction Management-III	03	-	-	100	-
CON/T/324	Underground Construction	03	-	-	100	-
CON/T/325	Highway and Airport Engineering	03	-	-	100	-
CON/T/326	Pre-cast & Pre-stressed Concrete	03	-	-	100	-
Sessional papers						
CON/S/321	Industrial Tour & on Site Training	-	-	03	-	100
CON/S/322	Structural Design Sessional – II	-	-	03	-	100
CON/S/323	Highway Lab	-	-	03	-	100
CON/S/324	Project-II on Review of Literature & Seminar	-	-	03		100
	Total Periods / Week	18	02	12	-	-
	Total Marks	-	-	-	600	400

FOURTH YEAR

FIRST SEMESTER

		Periods per Week			Marks	
		L	T	S	Exam	Sess
Theoretical papers						
CON/T/411	Bridge Engineering	03	01	-	100	-
CON/T/412	Design of structure-III	03	01	-	100	-
CON/T/413	Economics and Book Keeping	03	-	-	100	-
CON/T/414	Elective-I	03	-	-	100	-
Sessional papers						
CON/S/411	Computer Aided Structural Analysis and Design	-	-	04	-	100
CON/S/412	Project-III on Structural Design	-	-	06	-	200
	Total Periods / Week	12	02	10	-	-
	Total Marks	-	-	-	400	300

Elective-I

CON/T/414A Advance Concrete Technology
CON/T/414B Environmental Engineering

FOURTH YEAR

SECOND SEMESTER

		Periods per Week			Marks	
		L	T	S	Exam	Sess
Theoretical papers						
CON/T/421	Repair Rehabilitation and Maintenance of Structure	03	01	-	100	-
CON/T/422	Elective-II	03	01	-	100	-
CON/T/423	Elective - III	03	01	-	100	-
Sessional papers						
CON/S/421	Project-IV on Construction aspect of Designed Structure (continued from Project - III)	-	-	06	-	200
CON/S/422	Grand Viva	-	-		-	100
	Total Periods / Week	-	-	-	-	-
	Total Marks	12	03	06	300	300

Elective-II

CON/T/422A Structural Dynamics & Earthquake Engineering
 CON/T/422B Advance Foundation Technique

Elective-III

CON/T/423A Advance Transportation Engineering
 CON/T/423B Fabrication Technology
 CON/T/423C Quality Management in Construction