

Diploma in Civil Engineering (DCE)

Duration: 3 Years | 6 Semesters

Semester I

Code	Subject	Theory	Practical	Total
DCE-101	Engineering Mathematics – I	70	30	100
DCE-102	Engineering Physics	70	30	100
DCE-103	Engineering Chemistry	70	30	100
DCE-104	Engineering Drawing	50	50	100
DCE-105	Workshop Practice	30	70	100
DCE-106	Communication Skills	70	30	100

Semester II

Code	Subject	Theory	Practical	Total
DCE-201	Engineering Mathematics – II	70	30	100
DCE-202	Applied Mechanics	70	30	100
DCE-203	Building Materials	70	30	100
DCE-204	Computer Applications	50	50	100
DCE-205	Surveying – I	60	40	100
DCE-206	Environmental Studies	70	30	100

Semester III

Code	Subject	Theory	Practical	Total
DCE-301	Strength of Materials	70	30	100
DCE-302	Structural Mechanics	70	30	100
DCE-303	Surveying – II	60	40	100
DCE-304	Concrete Technology	70	30	100
DCE-305	Fluid Mechanics	70	30	100
DCE-306	CAD in Civil Engineering	50	50	100

Semester IV

Code	Subject	Theory	Practical	Total
DCE-401	Structural Analysis	70	30	100
DCE-402	Geotechnical Engineering	70	30	100
DCE-403	Transportation Engineering	70	30	100
DCE-404	Hydrology	70	30	100
DCE-405	Estimation & Costing	60	40	100
DCE-406	Construction Practice	50	50	100

Semester V

Code	Subject	Theory	Practical	Total
DCE-501	Design of RCC Structures	70	30	100
DCE-502	Steel Structures	70	30	100
DCE-503	Irrigation Engineering	70	30	100
DCE-504	Environmental Engineering	70	30	100
DCE-505	Advanced Surveying	60	40	100
DCE-506	Project Work – I	30	70	100

Semester VI

Code	Subject	Theory	Practical	Total
DCE-601	Construction Management	70	30	100
DCE-602	Quantity Surveying	70	30	100
DCE-603	Earthquake Engineering	70	30	100
DCE-604	Advanced Concrete Technology	70	30	100
DCE-605	Project Work – II	30	70	100
DCE-606	Industrial Training / Viva	50	50	100

Total Marks

Theory: 4200 | Practical: 1800 | Grand Total: 6000