

KADI SARVA VISHWAVIDYALAYA, GANDHINAGAR

Bachelor of Civil Semester 3 Syllabus Structure

Subject Code	Subject Name	Teaching Scheme				Total Credit	Evaluation Scheme					Total Marks
		L (Hrs)	T (Hrs)	P (Hrs)	TOTAL Hrs		Theory Hrs	Marks	IE Marks	CIA Marks	Practical / Viva Marks	
CC-301A	Differential Equations And Integral transform	3	2	0	5	5	3	70	30	20	0	120
CV302	Building and Town Planning	3	0	2	5	4	3	70	30	20	30	150
CV303	Fluid Mechanics	3	0	2	5	4	3	70	30	20	30	150
CV304	Engineering Geology	2	0	2	4	3	3	70	30	20	30	150
CV305	Structural Analysis I	4	2	0	6	6	3	70	30	20	30	150
CV306	Surveying	3	0	2	5	4	3	70	30	20	30	150
Total		18	4	8	30	26	18	420	180	120	150	870

Bachelor of Civil Semester 4 Syllabus Structure

Subject Code	Subject Name	Teaching Scheme				Total Credit	Evaluation Scheme					Total Marks
		L (Hrs)	T (Hrs)	P (Hrs)	TOTAL Hrs		Theory Hrs	Marks	IE Marks	CIA Marks	Practical / Viva Marks	
CC-401A	Complex Analysis and Numerical Analysis	3	2	0	5	5	3	70	30	20	0	120
CV401	Advanced Surveying	3	0	2	5	4	3	70	30	20	30	150
CV402	Building construction	3	0	2	5	4	3	70	30	20	30	150
CV403	Concrete Technology	3	0	2	5	4	3	70	30	20	30	150
CV404	Highway Engineering	3	0	2	5	4	3	70	30	20	30	150
CV405	Structural Analysis II	3	2	0	5	5	3	70	30	20	30	150
Total		18	4	8	30	26	18	420	180	120	150	870

Bachelor of Civil Semester 5 Syllabus Structure

Subject Code	Subject Name	Teaching Scheme				Total Credit	Evaluation Scheme					Total Marks
		L (Hrs)	T (Hrs)	P (Hrs)	TOTAL Hrs		Theory Hrs	Marks	IE Marks	CIA Marks	Practical / Viva Marks	
CV501	Advanced Construction Technology	3	0	2	5	4	3	70	30	20	30	150
CV502	Environmental Engineering -I	3	0	2	5	4	3	70	30	20	30	150
CV503	Geotechnical Engineering-I	3	0	2	5	4	3	70	30	20	30	150
CV504	Hydrology and Water Resources	3	2	0	5	5	3	70	30	20	30	150
CV505	Railway, Bridge & Tunnel Engineering	3	2	0	5	5	3	70	30	20	30	150
CV506	Structural Analysis III	3	2	0	5	5	3	70	30	20	30	150
Total		18	6	6	30	27	18	420	180	120	180	900

Bachelor of Civil Semester 6 Syllabus Structure

Subject Code	Subject Name	Teaching Scheme				Total Credit	Evaluation Scheme					Total Marks
		L (Hrs)	T (Hrs)	P (Hrs)	TOTAL Hrs		Theory Hrs	Marks	IE Marks	CIA Marks	Practical / Viva Marks	
CC601	Principles of Management	2	0	0	2	2	3	70	30	20	0	120
CV601	Applied Fluid Mechanics	3	0	2	5	4	3	70	30	20	30	150
CV602	Docks, Harbour and Airport Engineering	3	2	0	5	5	3	70	30	20	30	150
CV603	Design of RC Structure	4	2	0	6	6	3	70	30	20	30	150
CV604	Environmental Engineering II	3	0	2	5	4	3	70	30	20	30	150
CV605	Geotechnical Engineering-II	4	0	2	6	5	3	70	30	20	30	150
Total		19	4	6	29	26	18	420	180	120	150	870

KADI SARVA VISHWAVIDYALAYA, GANDHINAGAR Bachelor of Civil Semester 7th Syllabus Structure												
SUBJECT		Teaching Scheme				Total	Evaluation Scheme					Total Marks
		L	T	P	Total	Total	THEORY		IE	CIA	PR. / VIVO	
CODE	NAME	Hrs	Hrs	Hrs	Hrs	Credit	Hrs	Marks	Marks	Marks	Marks	
CV701	Design of Steel Structure	3	2	0	5	5	3	70	30	20	30	150
CV702	Construction management and Equipment	3	2	0	5	5	3	70	30	20	30	150
CV703	Irrigation Engineering	3	2	0	5	5	3	70	30	20	30	150
CV704	Department Elective	3	2	0	5	5	3	70	30	20	30	150
CV705	Project	0	0	8	8	4	-	-	-	50	100	150
	TOTAL	12	8	8	28	24	12	280	120	130	220	750

DEPARTMENT ELECTIVE	
CV704-A	DESIGN OF SPECIAL STRUCTURES - I
CV704-B	URBAN TRANSPORTATION SYSTEM
CV704-C	HAZARDOUS WASTE MANAGEMENT

Bachelor of Civil Semester 8th Syllabus Structure												
SUBJECT		Teaching Scheme				Total	Evaluation Scheme					Total Marks
		L	T	P	Total	Total	THEORY		IE	CIA	PR. / VIVO	
CODE	NAME	Hrs	Hrs	Hrs	Hrs	Credit	Hrs	Marks	Marks	Marks	Marks	
CV801	Earthquake Engineering	3	0	2	5	4	3	70	30	20	30	150
CV802	Estimation, Costing & Valuation	3	2	0	5	5	3	70	30	20	30	150
CV803	Design of Hydraulic Structure	3	2	0	5	5	3	70	30	20	30	150
CV804	Department Elective	3	2	0	5	5	3	70	30	20	30	150
CV805	Project	0	0	8	8	4	-	-	-	50	100	150
	TOTAL	12	8	8	28	23	9	210	90	110	190	600

DEPARTMENT ELECTIVE	
CV804-A	DESIGN OF SPECIAL STRUCTURES-II
CV804-B	TRAFFIC ENGINEERING AND MANAGEMENT
CV804-C	AIR POLLUTION