

**KADI SARVA VISHWAVIDYALAYA, GANDHINAGAR**
**Master of Engineering - CIVIL INFRASTRUCTURE ENGINEERING Semester 1 Syllabus**

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	
MECV-102	<a href="#">Urban Transportation System Planning</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-103	<a href="#">Urban Infrastructure Planning and Management</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-104	<a href="#">Foundation Engineering</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-105 A	<a href="#">Major Elective I Railway and Airport Engineering</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-105 B	<a href="#">Major Elective I Advanced Structural Analysis</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-106 A	<a href="#">Minor Elective I Hydropower Engineering</a>	3	0	0	3	3	3	70	30	20	0	120
MECV-106 B	<a href="#">Minor Elective I Environmental Impact of Disaster Management</a>	3	0	0	3	3	3	70	30	20	0	120
MECC-101	<a href="#">Research Methodology</a>	2	0	0	2	2	3	70	30	20	0	120
Total		21	8	0	29	25	18	420	180	120	120	840

**Master of Engineering - CIVIL INFRASTRUCTURE ENGINEERING Semester 2 Syllabus**

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	
MECV-201	<a href="#">Construction Contracts, Tendering and Arbitration</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-202	<a href="#">Soil Improvement Technique</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-203	<a href="#">Transportation Facility Design</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-204 A	<a href="#">Major Elective II Docks and Harbour Engineering</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-204 B	<a href="#">Major Elective II Environment Risk Management</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-205 A	<a href="#">Minor Elective II Design of special structure</a>	3	0	0	3	3	3	70	30	20	0	120
MECV-205 B	<a href="#">Minor Elective II Water Supply and Drainage</a>	3	0	0	3	3	3	70	30	20	0	120
MECV-206	<a href="#">Software lab</a>	0	3	0	3	2	0	0	0	40	60	100
Total		19	11	0	30	25	15	420	180	140	180	820

**Master of Engineering - CIVIL INFRASTRUCTURE ENGINEERING Semester 3 Syllabus**

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	
MECV-301	<a href="#">Economic Evaluation of Transportation Project</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-302 A	<a href="#">Major Elective III Design of Water and Waste Water System</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-302 B	<a href="#">Major Elective III Infrastructure Engineering &amp; Management</a>	4	2	0	6	5	3	70	30	20	30	150
MECV-303 A	<a href="#">Minor Elective III Remote Sensing and Application</a>	3	0	0	3	3	3	70	30	20	0	120
MECV-303 B	<a href="#">Minor Elective III Sustainable Water and Sanitation System</a>	3	0	0	3	3	3	70	30	20	0	120
MECV-304	<a href="#">DISSERTATION PHASE-I</a>	0	0	17	17	17	0	0	0	50	150	200
Total		11	4	17	32	30	9	210	90	110	210	620

**Master of Engineering - CIVIL INFRASTRUCTURE ENGINEERING Semester 4 Syllabus**

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	
MECV-401	<a href="#">Mid Semester THESIS PROGRESS REVIEW</a>	0	0	15	15	15	0	0	0	50	150	200
MECV-402	<a href="#">DISSERTATION PHASE-II</a>	0	0	15	15	15	0	0	0	50	150	200
Total		0	0	30	30	30	0	0	0	100	300	400