

SWARNIM STARTUP & INNOVATION UNIVERSITY
SWARNIM INSTITUTE OF TECHNOLOGY
Bachelor of Engineering (B.Tech)
Department of CIVIL Engineering
Semester III-VIII Teaching Scheme and Examination Scheme

Semester: 3 (CIVIL Engineering)																
Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
23000015	Maths-3	5	3	2	0	5	30	12	50	25	70	23	-	-	150	INDIVIDUAL PASS IN EACH COMPONENT
23030304	Strength of Material	5	4	0	2	6	30	12	50	25	70	23	-	-	150	
23030305	Fluid Mechanics	4	3	0	2	5	30	12	50	25	70	23	-	-	150	
23030301	Surveying	3.5	3	0	1	4	30	12	50	25	70	23	-	-	150	
23030302	Building Construction	3	3	0	0	3	30	12	-	25	70	23	-	-	100	
23000014	Entrepreneural Motivation	2.5	2	1	0	3	-	-	50	25	-	-	50	25	100	
23030303	Concrete Technology	3.5	3	0	1	4	30	12	50	25	70	23	-	-	150	
Total		26.5	21	3	6	30	180	72	300	175	420	138	50	25	950	
Semester: 4 (CIVIL Engineering)																
Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
23000019	Maths-4	5	3	2	0	5	30	12	50	25	70	23	-	-	150	INDIVIDUAL PASS IN EACH COMPONENT
23030401	Theory of Structure-I	5	4	1	0	5	30	12	50	25	70	23	-	-	150	
23030402	Applied Fluid Mechanics	3.5	3	0	1	4	30	12	50	25	70	23	-	-	150	
23030403	Geotechnics and Applied Geology	4	3	1	0	4	30	12	50	25	70	23	-	-	150	
23030404	Building and Town Planning	4	3	1	0	4	30	12	50	25	70	23	-	-	150	
23000017	Project Feasibility & Marketing Skills	2.5	2	1	0	3	-	-	50	25	-	-	50	25	100	
23030406	Advanced Surveying	4	3	0	2	5	30	12	50	25	70	23	-	-	150	
Total		28	21	6	3	30	180	72	350	175	420	138	50	25	1000	


Mani Porjapati

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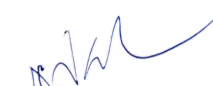

Dr. M. N. Patel

Bachelor of Engineering (B.Tech)
Department of CIVIL Engineering
Semester III-VIII Teaching Scheme and Examination Scheme

Semester: 5 (CIVIL Engineering)																
Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal				External					
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
23030501	Highway Engineering	4	3	0	2	5	30	12	50	25	70	23	-	-	150	INDIVIDUAL PASS IN EACH COMPONENT
23030502	Environmental Engineering	4	3	0	2	5	30	12	50	25	70	23	-	-	150	
23030503	Theory of Structure-II	5	4	1	0	5	30	12	50	25	70	23	-	-	150	
23030504	Geotechnical Engineering	4	3	0	2	5	30	12	50	25	70	23	-	-	150	
23000020	Scaling up the Venture	2.5	2	1	0	3	-	-	50	25	-	-	50	25	100	
23030505	Hydrology and Water Resource Engineering	4	3	1	0	4	30	12	50	25	70	23	-	-	150	
Total		23.5	18	3	6	27	150	60	300	150	350	115	50	25	850	
Semester: 6 (CIVIL Engineering)																
Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal				External					
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
23030601	Water and Waste water Engineering	4	3	0	2	5	30	12	50	25	70	23	-	-	150	INDIVIDUAL PASS IN EACH COMPONENT
23030602	Design of Reinforced Concrete Structure	5	4	1	0	5	30	12	50	25	70	23	-	-	150	
23030603	Railway Bridge and Tunnel Engineering	3	3	0	0	3	30	12	50	25	70	23	-	-	150	
23030604	Advanced Construction Equipment	3	3	0	0	3	30	12	50	25	70	23	-	-	150	
23000021	IDEA to Minimum Viable Product	2.5	2	1	0	3	-	-	50	25	-	-	50	25	100	
23030605	Professional Practice and Valuation	4	3	1	0	4	30	12	50	25	70	23	-	-	150	
Total		21.5	18	3	2	23	150	60	300	150	350	115	50	25	850	


 Manish Porajapati

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Semester: 7 (CIVIL Engineering)																
Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING		Pr		
23030701	Design of Steel Structure	5	4	1	0	5	30	12	-	-	70	23	50	25	150	INDIVIDUAL PASS IN EACH COMPONENT
23030702	Irrigation Engineering	4	3	1	0	4	30	12	-	-	70	23	50	25	150	
23030703	Urban Transportation Engineering	4	3	1	0	4	30	12	-	-	70	23	50	25	150	
23000023	Project-I	3	0	0	6	6	-	-	20	10	-	-	80	40	100	
23000022	Managing Innovation & IPR for Entrepreneurs	2.5	2	1	0	3	-	-	50	25	-	-	50	25	100	
	Elective 1	4	3	1	0	4	30	12	-	-	70	23	50	25	150	
Total		22.5	15	5	6	26	120	48	70	35	280	92	330	165	800	
Subject Code	Elective 1															
23030704	Ground Improvement Techniques															
23030705	Remote Sensing and GIS															
23030706	Earthquake Engineering															
Semester: 8 (CIVIL Engineering)																
Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING		Pr		
23030801	Construction Project Management	4	3	1	0	4	30	12	-	-	70	23	50	25	150	INDIVIDUAL PASS IN EACH COMPONENT
23030802	Prestressed Concrete	5	4	1	0	5	30	12	-	-	70	23	50	25	150	
23000025	Project-II	3	0	0	6	6	-	-	20	10	-	-	80	40	100	
23000026	Seminar	1.5	0	0	3	3	-	-	20	10	-	-	80	40	100	
	Elective 1	4	3	1	0	4	30	12	-	-	70	23	50	25	150	
23000024	Subject From School of IE	2.5	2	1	0	3	-	-	50	25	-	-	50	25	100	
Total		20	12	4	9	25	90	36	90	45	210	69	360	180	750	
Subject Code	Elective 1															
23030803	Foundation Engineering															
23030804	Air Pollution and Control															
23030805	Dock Harbour and Airport Engineering															