

GUJARAT TECHNOLOGICAL UNIVERSITY

3rd Semester Civil Engineering – PDDC

Subject Code / Teaching / Examination Scheme & Example for Calculating SPI

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Examination Marks				Branch Code
		Theory	Tutorial	Practical		External Exam (Theory)	Mid Sem. Exam (Theory)	Internal Assessment	Total Marks	
X30601	Hydrology and Water Resources Engineering	3	2	-	5	70	30	50	150	6
X30602	Railway, Bridges and Tunnels	3	-	-	3	70	30	50	150	6
X30603	Structural Analysis - II	3	2	-	5	70	30	50	150	6
X30604	Advanced Fluid Mechanics	3	2	-	5	70	30	50	150	6
Example for Calculation of SPI (Semester Performance Index) in GTU							Grade System			
Subject		Credit	Marks	Grade	Grade Point	Credit * Grade Point	Marks	Grade	Grade Point	
Hydrology and Water Resources Engineering		5	52	CC	6	30	85 to 100	AA	10	
Railway, Bridges and Tunnels		3	67	BB	8	24	75 to 84	AB	9	
Structural Analysis - II		5	74	BB	8	40	65 to 74	BB	8	
Advanced Fluid Mechanics		5	60	BC	7	35	55 to 64	BC	7	
Total		18				129	45 to 54	CC	6	
SPI =		SUM (Credit * Grade Point) / SUM (Credit)					40 to 44	CD	5	
=		129/18					35 to 39	DD	4	
SPI =		7.17					<35	FF	0	
Requirement of Minimum Passing Marks										
Particulars							Marks	Minimum marks required for passing		
Mid Semester Test conducted by Institutes							30	12		
GTU End Semester Examination							70	23		
Total							100	35		
Term Work, Practical, Attendance, etc... (This is not used to calculate SPI or CPI)							50	25		