

GUJARAT TECHNOLOGICAL UNIVERSITY

5th 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	
X50601	Highway Engineering	4	-	2	6	70	30	50	150	6
X50602	Earthquake Engineering	4	-	2	6	70	30	50	150	6
X50603	Foundation Engineering	4	2	-	6	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	
Highway Engineering		6	52	CC	6	36	85 to 100	AA	10	
Earthquake Engineering		6	67	BB	8	48	75 to 84	AB	9	
Foundation Engineering		6	76	AB	9	54	65 to 74	BB	8	
Total		18				138	55 to 64	BC	7	
SPI =		SUM (Credit * Grade Point) / SUM (Credit)					45 to 54	CC	6	
=		138/18					40 to 44	CD	5	
SPI =		7.67					35 to 39	DD	4	
							<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		