Curriculum Plan (EVEN SEM 2025): B.A. (Prog) III Year (Semester VI)
DSC-6: Probability and Statistics (Lab)

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Marks Distribution	**Theory**	90 Marks
	Tutorial	40 Marks
	Internal Assessment	Assignment 12 Marks
		Home Exam/ Class Test 12 Marks
		Attendance 06 Marks
Classes Assigned	**Lectures**	3 per week (Theory)
	Tutorial	**2 per week**

References		1. Devore, Jay L. (2016). *Probability and Statistics for Engineering and the Sciences* (9th ed.). Cengage Learning India Private Limited. Delhi. Indian Reprint 2020.	
	Week	**Topics**	
	Beginning/1st week with 3 days 02nd Jan. - 11th Jan.	Presentation and analysis of data (univariate and bivariate) by frequency tables, descriptive statistics, stem-and-leaf plots, dotplots, histograms, boxplots, comparative boxplots, and probability plots ([1] Section 4.6).	
	2nd week 13th Jan. – 18th Jan	Presentation and analysis of data (univariate and bivariate) by frequency tables, descriptive statistics, stem-and-leaf plots, dotplots, histograms, boxplots, comparative boxplots, and probability plots ([1] Section 4.6).	
	3rd week 20th Jan. – 25th Jan.	Presentation and analysis of data (univariate and bivariate) by frequency tables, descriptive statistics, stem-and-leaf plots, dotplots, histograms, boxplots, comparative boxplots, and probability plots ([1] Section 4.6).	

	4th week 27th Jan. – 01st Feb.	Fitting of binomial, Poisson, and normal distributions.	
	5th week 03rd Feb.- 08th Feb.	Fitting of binomial, Poisson, and normal distributions.	
	6th week 10th Feb. – 15th Feb.	Illustrating the Central Limit Theorem through Excel.	
	7th week 17th Feb. **–** 22nd Feb.	Illustrating the Central Limit Theorem through Excel.	
	8th week 24th Feb. – 01st Mar.	Fitting of regression line using the principle of least squares.	
	9th week 03rd Mar.– 08th Mar.	Fitting of regression line using the principle of least squares.	
	10th week 17th March. – 22th Mar.	Computation of sample correlation coefficient.	
	11th week 24th Mar. – 29th Mar.	Computation of sample correlation coefficient.	
	12th week	Viva-Voce Practice	

	31st Mar. – 05th Apr.		
	13th week 07th Apr. – 12th Apr.	Viva-Voce Practice	
	14th week 14th Apr. – 19th Apr.	Practical Examination Practice	
	15th week with 2 Days 21st Apr. – 29th Apr.	Practical Examination Practice	
Dispersal of classes, preparation leave and practical examination begin- 30 April, 2025.			