Teaching Plan, Department of Statistics, B. H. College, Howly

Session : 2022-2023 (For odd semesters)

B.Sc. 1st Sem (Honours) under CBCS

Period	Teaching days	Teachers allotted	Course contents distributed against each teacher	Remarks	Review & follow up
August, 2022 to November 2022	65	Dr. Bagsmrita Bhagawati	STA-HC-1016 Theory : Unit I : Statistical Methods (Lectures :10) Unit II : Measures of Central Tendency (Lectures :20) Practicals-1,2,3,4,6,7,8,9,10,11,12,13		
		Dr. Chavan Kumar Sarmah	STA-HC-1016 Theory : Unit III : Bivariate data (Lectures :15)		

| | | Hrisikesh Mazumder | STA-HC-1026
Theory :
Unit I : Differential Calculus(Lectures :18)
Unit II : IntegralCalculus (Lectures :12)

Unit III : Differential Equations(Lectures :25)
Unit IV: Partial Differential Equations (Lectures:5) | | |
| | | Suravi Nath | STA-HC-1016
Theory :
Unit II : Statistical Methods (Skewness and Kurtosis) (Lectures :20)
Unit IV: Index Numbers
Practicals- 5,14,15,16 | | |

B.Sc. 1st Sem (Generic) under CBCS

Period	Teaching days	Teachers allotted	Course contents distributed against each teacher	Remarks	Review & follow up
August, 2022 to November 2022	65	Dr. Bagsmrita Bhagawati	STA-HG-1016 Theory : Unit I : Statistical Data (Lectures :12) Unit II: Measures of Central Tendency (Lectures :12) Practicals- 1,2,3,4,6,7,8,9,10		
		Dr. Chavan Kumar Sarmah	STA-HG-1016 Theory : Unit IV : Bivariate data (Lectures :12) Unit V: Theory of Attributes (Lectures :12) Practicals- 11,12		

| | | Hrisikesh Mazumder | STA-HG-1016
Theory :
Unit III : Calculus of finite difference
(Lectures :12) | | |
| | | Suravi Nath | STA-HG-1016
Theory :
Unit II : Measures of Central tendency (Skewness and Kurtosis)
(Lectures :12)
Practicals- 5 | | |

B.Sc. 3rd Sem (Honours) under CBCS

Period	Teaching days	Teachers allotted	Course contents distributed against each teacher	Remarks	Review & follow up
	65	Dr. Bagsmrita Bhagawati	STA-HC-3026 Theory : Unit I : Survey Sampling		

| August, 2022 to November 2022 | | | (Lectures :8)

Unit II: Stratified

Random Sampling

(Lectures :26)

Unit III: Ratio and

Regression Method of

Sampling

Practicals- 1,2,3,4,6,7,8

STA-SE-3014

Paper Name: Statistical

Data Analysis Using

Software Packages

Unit I: Graphical

Representation

(Lectures:8)

Unit II: Report

Generation

(Lectures:6)

Unit III: Fitting Curves

(Lectures:8)

Unit IV: Analysis

(Lectures:8) | | |
| | | Dr.

Chavan

Kumar

Sarmah | STA-HC-3016

Theory :

Unit I : Order Statistics

(Lectures :8) | | |

			Practicals- 6,7		
		Hrisikesh Mazumder	STA-HC-3036 Theory : Unit I: Real Analysis (Lectures : 12) Unit II: Infinite Series (Lectures : 12) Unit III : Limits, Continuity and Differentiability (Lectures :16) Unit IV: Numerical Analysis (Lectures :20) Practicals- (from Unit IV only)		
		Suravi Nath	STA-HC-3016 Unit II: Sampling Distributions (Lectures: 20) Unit III: Exact Sampling Distributions (Lectures: 12) Unit IV: Sampling		

			Distribution (Lecture : 20) STA-HC-3026 Theory : Unit IV : Official Statistics (Lectures :6) Practicals - 1,2,3,4,5,9,10		

B.Sc. 3rd Sem (Generic) under CBCS

Period	Teaching days	Teachers allotted	Course contents distributed against each teacher	Remarks	Review & follow up
August, 2022 to November 2022	65	Dr. Chavan Kumar Sarmah	STA-HG-3016 Theory : Unit II : Categorical Data Analysis (Lectures :18) Practicals- 4,5,6,7		
		Hrisikesh Mazumder	STA-HG-3016 Theory : Unit I: Tests of Hypothesis		

		Suravi Nath	STA-HC-3016 Unit III: Analysis of Variance (Lectures: 22) Practicals -11,12,13,14		

B.Sc. 5th Sem (Honours) under CBCS

Period	Teaching days	Teachers allotted	Course contents distributed against each teacher	Remarks	Review & follow up
August, 2022 to November 2022	65	Dr. Bagsmrita Bhagawati	STA-HC-5016 Theory : Unit I : Probability Distributions (Lectures :8) Unit II: Markov Chains (Lectures :18) Unit III: Poisson Process (Lectures: 18)		

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			Practicals- 1,2,3,4,6,7,8,9 STA-HC -5026 Paper Name: Statistical Computing Using C/C++ Programming Unit I: C programming (Lectures:30) Unit II: Decision making and Arrays (Lectures: 30) Lab Practicals- 1,2,3,4,5,6,7,8,9,10,11,12,13,1`4,15		
		Dr. Chavan Kumar Sarmah	STA-HE-5016 Theory : Unit I : Operations Research (Lectures :20) Unit II: Transportation Problem (Lectures :15) Unit III: Game Theory (Lectures :10) Unit IV: Inventory Management (Lectures :15) Practicals- 1,2,3,4,5,6,7,8		

| | | Suravi Nath | STA-HE-5026

Theory

Unit I: Introduction to Time Series

(Lectures:15)

Unit II: Introduction to Time Series

(Lectures: 18)

Unit III: Moving Averages

(Lectures: 15)

Unit IV: Forecasting and Smoothing to time series

(Lecture : 12)

Practicals -1,2,3,4,5,6,7,8,9,10 | | |