DRONACHARYA GROUP OF INSTITUTIONS

KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department: CSE

Academic Session: 2020-21 (Even Semester_May-August 2021)

Lesson Plan with lecture wise questions

Subject with code: Probability and Statistics BSC-MATH-104-G

Name of Faculty with designation : Pooja Jain

S. No.	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Write Lecture Wise Questions
1	Lecture 1	II CSE	III	Measures of Central tendency	**Assignment of 02 ques. given**
2	Lecture 2	II CSE	III	Moments, Skewness and Kurtosis	**Assignment of 02 ques. given**
3	Lecture 3	II CSE	III	Curve fitting by the method of least squares, fitting of straight lines	**Assignment of 02 ques. Given**
4	Lecture 4	II CSE	III	Fitting of Second degree parabolas	**Assignment of 02 ques. given**
5	Lecture 5	II CSE	III	Fitting of more general curves.	**Assignment of 02 ques. given**
6	Lecture 6	II CSE	III	Correlation(Karl Pearson's)	**Assignment of 02 ques. given**

S. No.	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Write Lecture Wise Questions
7	Lecture 7	II CSE	III	Rank correlation	Assignment of 02 ques. given
8	Lecture 8	II CSE	III	Regression	Assignment of 02 ques. given
9	Lecture 9	II CSE	III	Conditional probability, Probability spaces	Assignment of 02 ques. given
10	Lecture 10	II CSE	III	Bayes' Theorem	Assignment of 02 ques. given
11	Lecture 11	II CSE	III	Discrete random variables	Assignment of 02 ques. given
12	Lecture 12	II CSE	III	Continuous random variables and their properties	Assignment of 02 ques. given
13	Lecture 13	II CSE	I	Distribution functions and densities	Assignment of 02 ques. given
14	Lecture 14	II CSE	I	Expectation of discrete random variables	Assignment of 02 ques. given
15	Lecture 15	II CSE	I	Expectation of continuous random variables	Assignment of 02 ques. given

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16	Lecture 16	II CSE	I	Independent random variables	**Assignment of 02 ques. given**
17	Lecture 17	II CSE	I	Sums of independent random variables	**Assignment of 02 ques. given**
18	Lecture 18	II CSE	I	Moments	**Assignment of 02 ques. given**
19	Lecture 19	II CSE	I	Variance of a sum of random variables	**Assignment of 02 ques. given**
20	Lecture 20	II CSE	I	Chebyshev's Inequality	**Assignment of 02 ques. given**
21	Lecture 21	II CSE	II	Probability distributions: Binomial Distribution	**Assignment of 02 ques. given**
22	Lecture 22	II CSE	II	Mean, Variance and Recursion formula	**Assignment of 02 ques. given**
23	Lecture 23	II CSE	II	Moment Generating function and some examples	**Assignment of 02 ques. given**
24	Lecture 24	II CSE	II	Poisson Distribution, Mean, Variance and Recursion formula	**Assignment of 02 ques. given**

S. No.	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Write Lecture Wise Questions
25	Lecture 25	II CSE	II	Poisson approximation to the binomial distribution	Assignment of 02 ques. given
26	Lecture 26	II CSE	II	The multinomial distribution	Assignment of 02 ques. given
27	Lecture 27	II CSE	II	Normal Distribution and its properties	Assignment of 02 ques. given