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Sarat Centenary College

Dhaniakhali, Hooghly

Founded: 1976

Re-Accredited by NAAC (CGPA: 2.33)

Recognised Under UGC 2F&12B

WB Govt. Aided

Affiliated to The University of Burdwan

Date: 08/12/2023

NOTICE

DEPARTMENT OF MATHEMATICS


This is to notify to all concerned that the Internal Examination of 5th Semester (Academic Session: 2023-24) Honours and General students of Mathematics will be held through writing of project assignment. All concerned students must submit the paper wise projects according below table in hard-copy to the Department of Mathematics by 19/12/2023 (up to 3:00 PM).

Assignment topics are given below:

SEMESTER	COURSE CODE	ASSIGNMENT TOPIC
SEM- V (HONS.)	CC- 11 (P.D.E.)	A study on wave equation in Cartesian system with an important application of it.
	CC- 12 (Mechanics I)	Derivation of Kepler's laws of planetary motion from Newton's law of universal gravitation.
	DSE11 (LPP)	Graphical method for solving LPP- Relevant theorems and examples of LPP having (i) unique solution, (ii) multiple solution, (iii) no feasible solution and (iv) unbounded solution.
	DSE21 (Prob. & Stat.)	Define distribution function of a random variable. Show that the distribution function $F(x)$ of a random variable X is monotonic non-decreasing everywhere and continuous from the right at every point.
SEM- V (GENL.)	DSE1A1 (Matrices)	Basis of a finite dimensional vector space, relevant theorems and illustration with suitable examples.


HOD, Dept. of Mathematics




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