

ACTIVITIES OF DEPARTMENT OF MATHEMATICS FOR THE SESSION 2018-19

Sl No.	Date of Seminar/webinar	Title of the Seminar/webinar	Name of the Resource Person	Brief Report on Seminar/webinar
1.	19.01.2018	3-Dimensional Graphical Representation of Plane, Straight Line and Sphere	Presented by L K Paikray , Reader in Maths , Dalmia College Rajgangpur. Rashmita Kishan-Roll No-BS17-062	PowerPoint presentation of graphical representation of Plane, Straight Line and Sphere using online Desmos software. Generation of figures using the intersection of plane and sphere.
2.	09.07.2018	Application of Derivatives- Rate measurer, Increasing and Decreasing Function , Convexity and Concavity.	Mr U Patel, Lect in Maths , V P College Duduka.	Presented using blackboard as well as PowerPoint slides. How the derivative is used as rate measurer with examples. Explained the formulas to check the functions used for Increasing and decreasing functions using displacement-time , and velocity- time graphs.
3.	30-07-2018	Differential Equations	Mr S Sarangi, Reader in Maths , Nilasaila College Rourkela	Presented using blackboard and ppt . What is Diff eqn. Representation as family of curves. Order , Degree and Linear or Non-Linear. Overview on Types of DE.
4.	17-09-2018	Using of Mathematica software	Presented by Trupti Lata Sethi-Roll No-BS17-015	Use of computer aided software Mathematica for developing the following Numerical programs: 1- Calculate the sum $1/1 + 1/2 + 1/3 + 1/4 + \dots + 1/n$. 2- To find the absolute value of an integer. 3- Enter- 100 integers into an array and sort them in an ascending' order.
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