ACTIVITIES OF DEPARTMENT OF MATHEMATICS FOR THE SESSION 2020-21

Sl No.	Date of Seminar/webinar	Title of the Seminar/webinar	Name of the Resource Person	Brief Report on Seminar/webinar
1.	18.12.2020	Webinar on Ramsay Number	Ms Shreya Behera , Research Scholar , OHIO state Univ. USA	Presented through Zoom Video Conference. Theorems on Friends and Strangers. Introduction on Ramsay Number. Probabilistic Method to find a lower bound on Ramsay Numbers and its application.
2.	30-07-2020	Finite Difference and Interpolation.	L K Paikray , Reader in Maths , Dalmia College Rajgangpur.	Deliver a lecture on Polynomial interpolation: Existence uniqueness of interpolating polynomials. Lagrange and Newtons divided difference interpolation, Error in interpolation, interpolation, piecewise polynomial interpolation.
3.	16-08-2020	Groups Theory and its Application	Mr U Patel, Lect in Maths , V P College Duduka.	Symmetries of a square, Dihedral groups, definition and examples of groups including permutation groups , elementary properties of groups, Subgroups and examples of subgroups, Brief introduction on centralizer, normalizer, center of a group, cyclic groups, ,Cycle notation for permutations,
4.	30-10-2020	Arc length of Curves and Volumes of Revolution	Mr S Sarangi, Reader in Maths , Nilasaila College Rourkela	Volumes by slicing, disks and washers methods, volumes by cylindrical shells, , arc length, arc length of parametric curves, area of surface of revolution
5.				