

**Report on the National Webinar entitled: "One day national seminar on current studies of applied mathematics"**

**Date: 28 September 2020 at 11:00 A.M.**

**Organizer: Department of Mathematics in collaboration with IQAC Triveni Devi Bhalotia College, Raniganj.**

The Webinar was conducted on the Google-meet and YouTube live platform. The webinar was a huge success among students and faculties. The inaugural speech was delivered by Dr. A. K. Dey which summarized the aims and purpose of the Webinar. The first resource person of the Webinar was Dr. Sudip Samanta, Assistant Professor, Department of Mathematics, Bankura University, Bankura, India. He delivered a lecture on 'Predicting love life of a couple from love affairs model' of Bio-mathematical modelling. The second eminent resource person of the program was Dr. Subhashis Chatterjee, Professor, Department of Applied Mathematics, ISM, Dhanbad, Jharkhand, India. He delivered a lecture on 'Soft computing techniques: An emerging area of applied mathematics'. And the last resource person of this program was Dr. Snehasis Kundu, Assistant Professor, Department of Mathematics, NIT, Jamshedpur, Jharkhand, India. His topic of presentation was 'Fractional derivatives and its applications in various fields'. Their vivid presentations on the concerned topics were indeed very appealing and inspiring to the students and faculties. The question hour was highly interactive where both students and faculties which exchanged their views. This webinar reached the ultimate success due to the most interactive and discursive question hour session between experts and participants held by Mr. Partha Mandal, Assistant Professor. The program was ended by Mr. Prabir Sen, Assistant Professor and co-ordinator of Department of Mathematics with vote of thanks.

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