1. **Name Of the Webinar:** A Mathematical Detour Towards Analysis, Groups and Its Applications in Modelling
2. **Date:** 25/06/2021
3. **Speakers and Designations:**
    i) Dr. Arijit Gangopadhyay, Assistant Professor of Mathematics, IIT Kanpur, India
    ii) Dr. Shubhabrata Das, Assistant Professor of Mathematics, Presidency University, Kolkata, India
    iii) Dr. Sudip Samanta, Assistant Professor of Mathematics, Bankura University, West Bengal, India
4. **Convenors:**
    i) Chandan Kumar Adak, Assistant Professor of Mathematics, Asansol Girls' College, Asansol, West Bengal, India
    ii) Dr. Fahad Al Basir, Assistant Professor of Mathematics, Asansol Girls' College, Asansol, West Bengal, India
5. **Number of Participants:** 120
6. **Program Outcomes:**

    Our webinar gave us the opportunity to meet us together in the time of pandemic and to do intellectual exercises. The second wave of covid-19 was going on that time. But online platform allowed us to meet in the virtual platform. We are grateful to online platform like google-meet and youtube. It was really a nice and successful webinar. We discussed about many new ideas with students and experts.

    our experts were Dr. Arijit Gangopadhyay, Dr. Shubhabrata Das and Dr. Sudip Samanta.

    Dr. Gangopadhyay talked on elementary and logical things of limit, continuity and differentiability of functions. Students learned many aspects logical things of real analysis from his lecture. Next, Dr. Das talked on geometric group theory. Students learned about the interplay between geometry and group theory and their applications. Finally, Dr. Samanta talked on the application of differential equations in biological systems. We realised that mathematical analysis can be good fit in biological problems if proper real data is available.

    There were a chat and discussion session after each expert's talk. This interactive session was most important. Students were enriched with new ideas from all the sessions.

    In short, the webinar was very useful for us especially for our students and that provoked them to think mathematics in a different way.

7. **Screenshots:** Its Attached Separately.