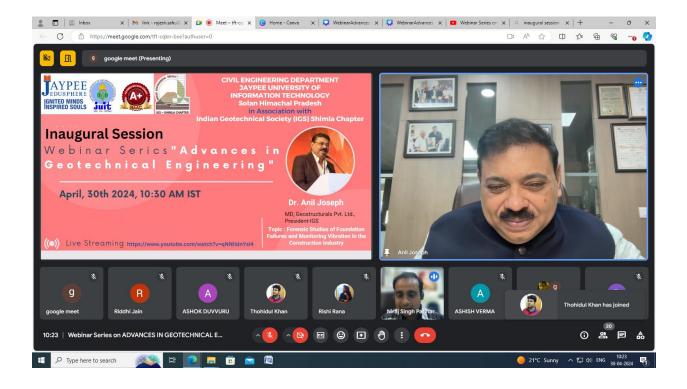
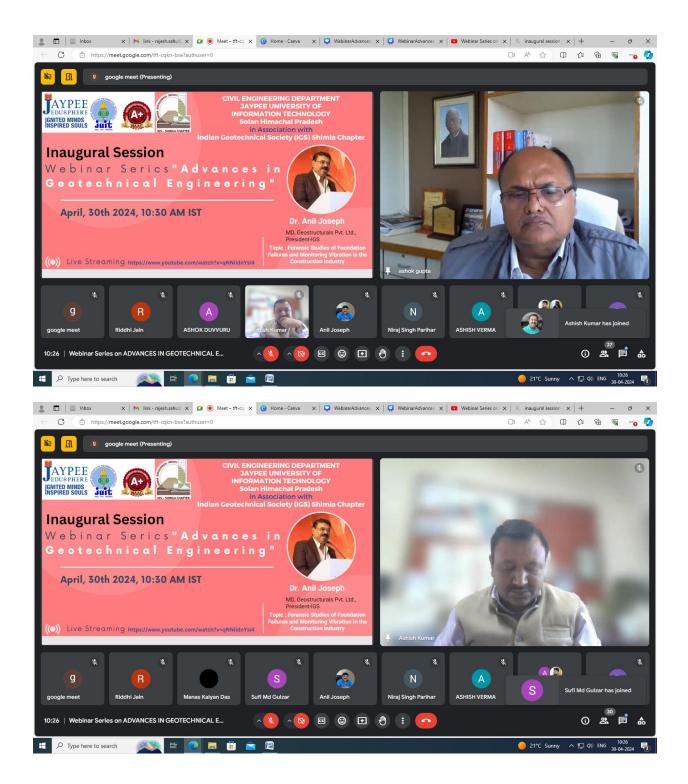
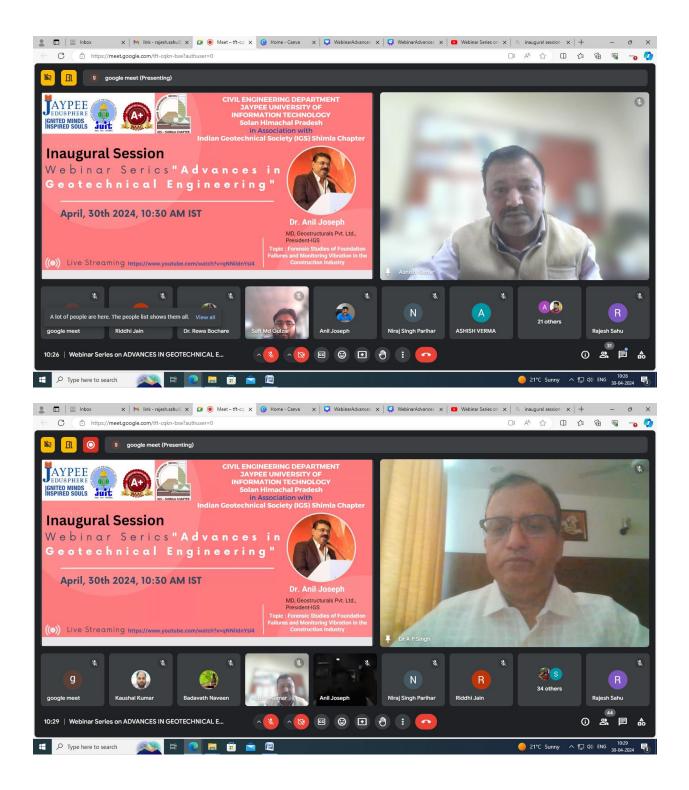
Webinar Series on Advances in Geotechnical Engineering

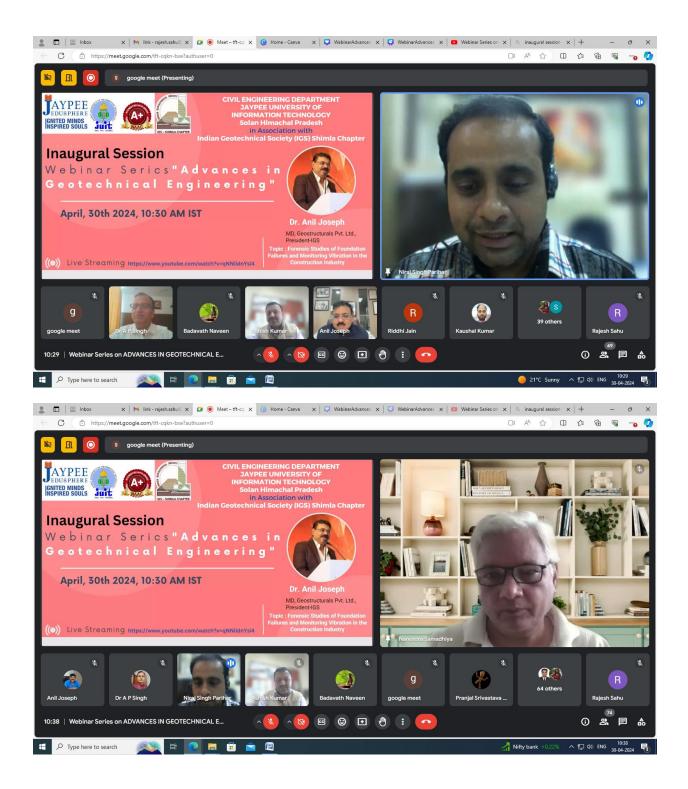
A one-week webinar series starting from April 30, 2024, to May 4, 2024, was organized by the Civil Engineering Department, JUIT Waknaghat, in association with IGS Shimla chapter with the view of educating the civil engineering community, particularly field practitioners and researchers about the modern trends and challenges in the field of geotechnical engineering. The event was inaugurated through the outlook speeches from Dr. Anil Joseph, President-IGS, Dr. A.P. Singh, Secretary-IGS, Dr. N K Samadhiya, Ex-President IGS, Dr. Rajendra Kumar Sharma, Vice-Chancellor, JUIT, Dr. Ashok Kumar Gupta, Dean (Academics and Research), JUIT and Chairman, IGS Shimla chapter and Dr. Ashish Kumar, HOD-CED, JUIT.

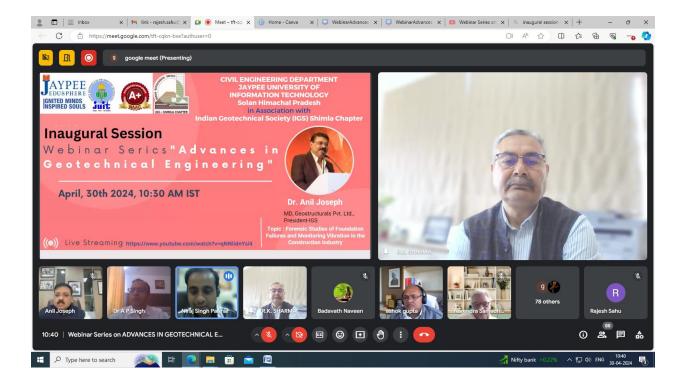
The event witnessed renowned speakers from both academia and industry with a outstanding participation from faculty, engineers, research scholars and students from various parts of the country who shared their research and field experiences on various state–of–the–art topics in geotechnical engineering and civil engineering such as forensic studies in foundation failure and construction vibrations, influence of seepage forces, bearing capacity of soil on slopes, slope stability analysis using numerical modeling, landslide hazards in Himalayan region etc. All the events followed with a query session with considerable communication between the geotechnical engineering community.

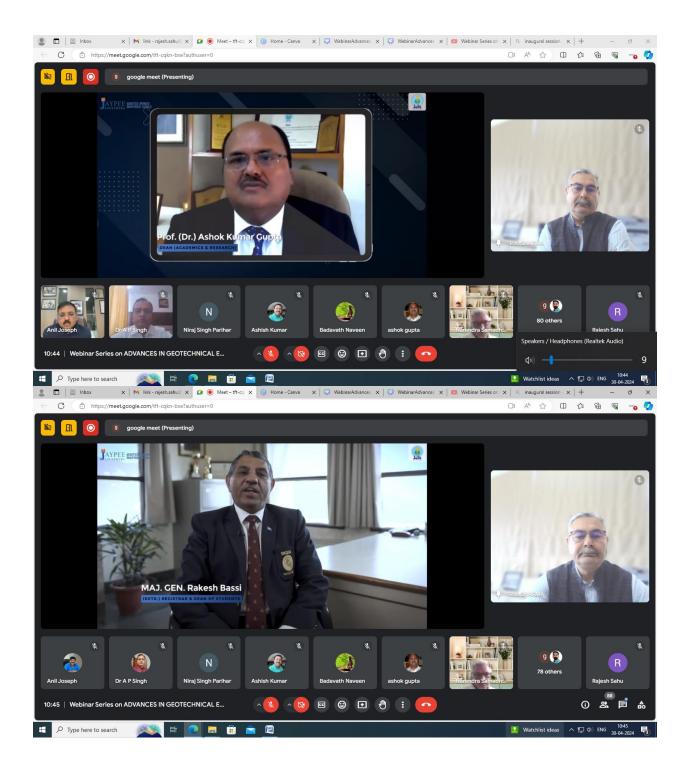


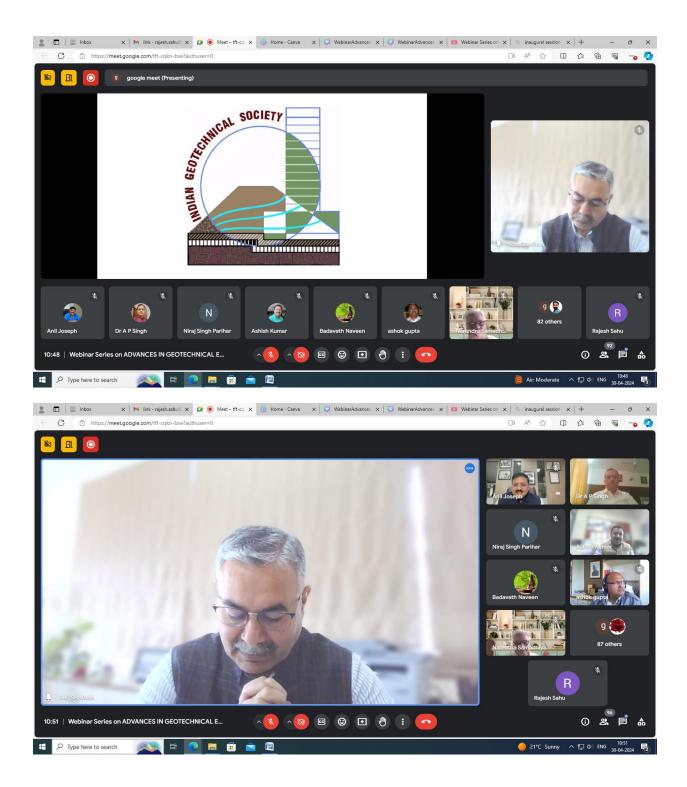


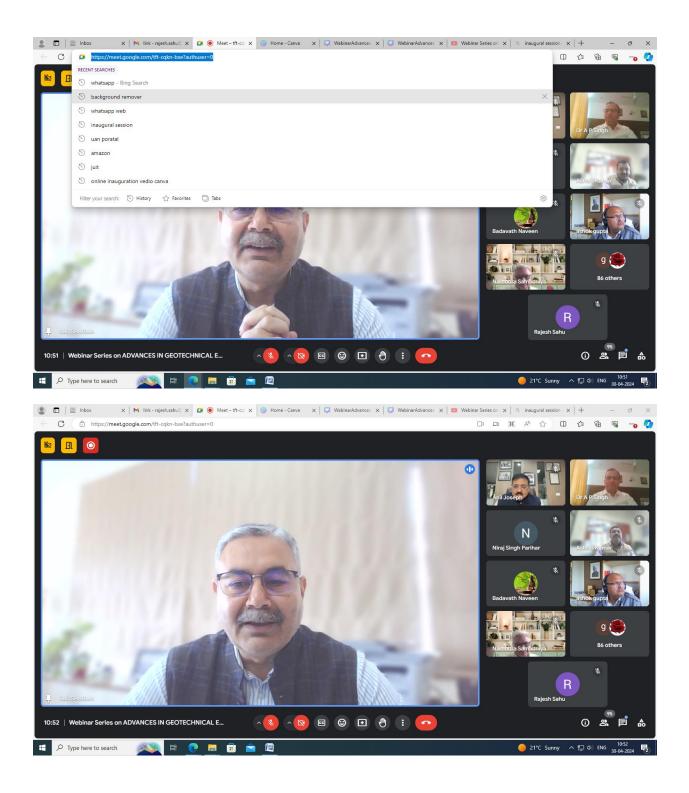


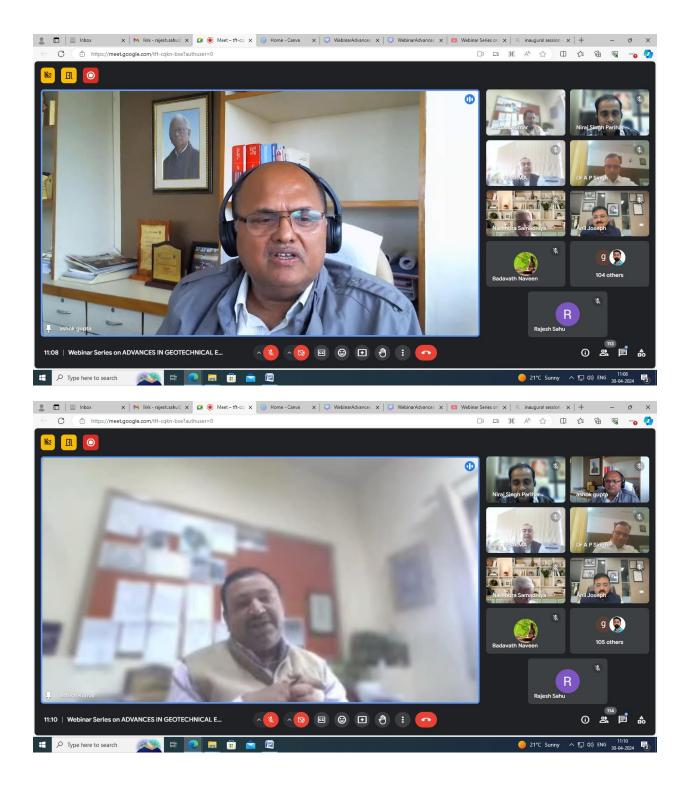


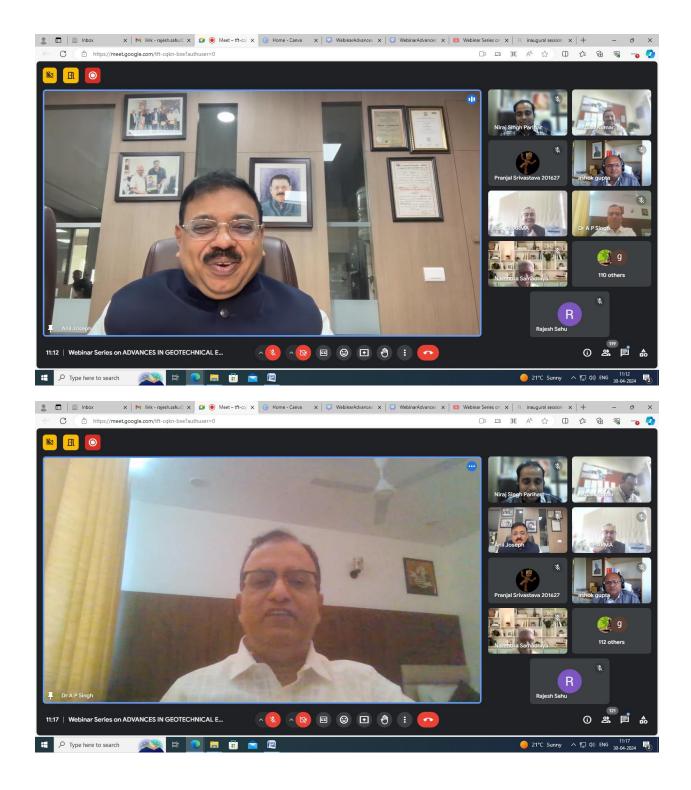


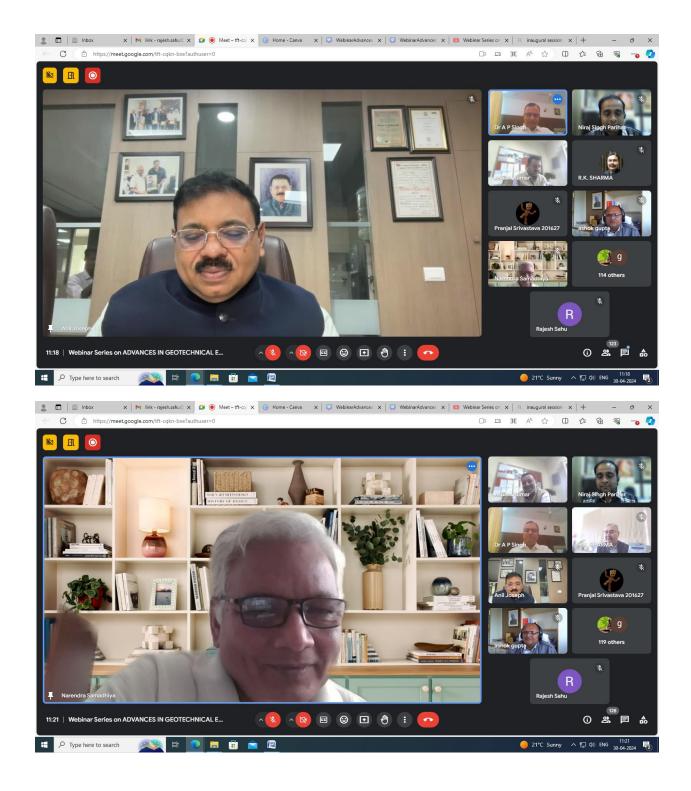


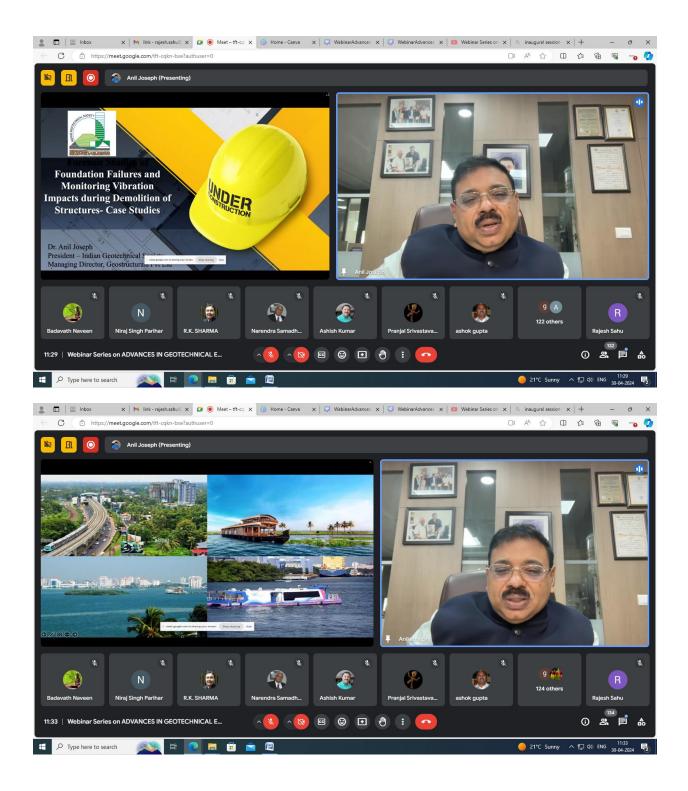


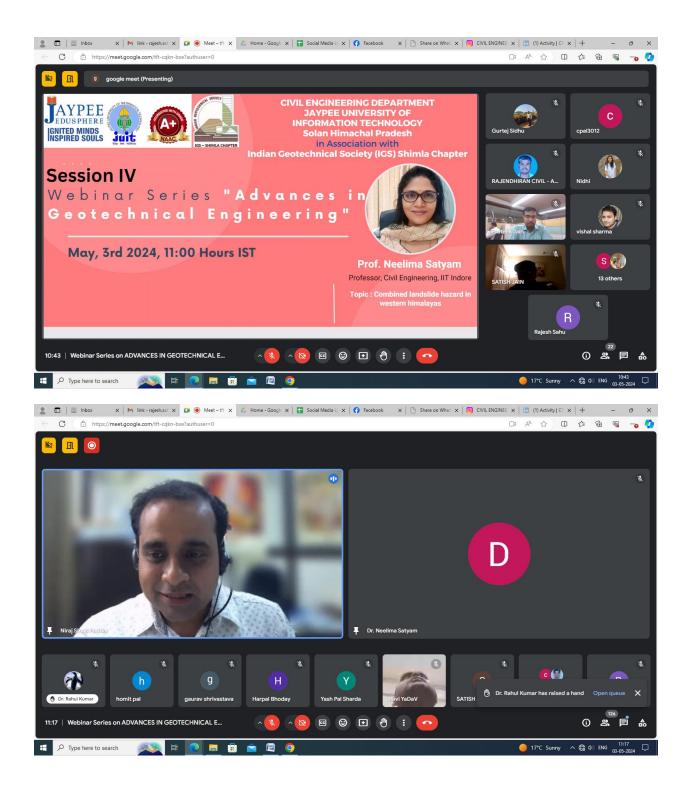


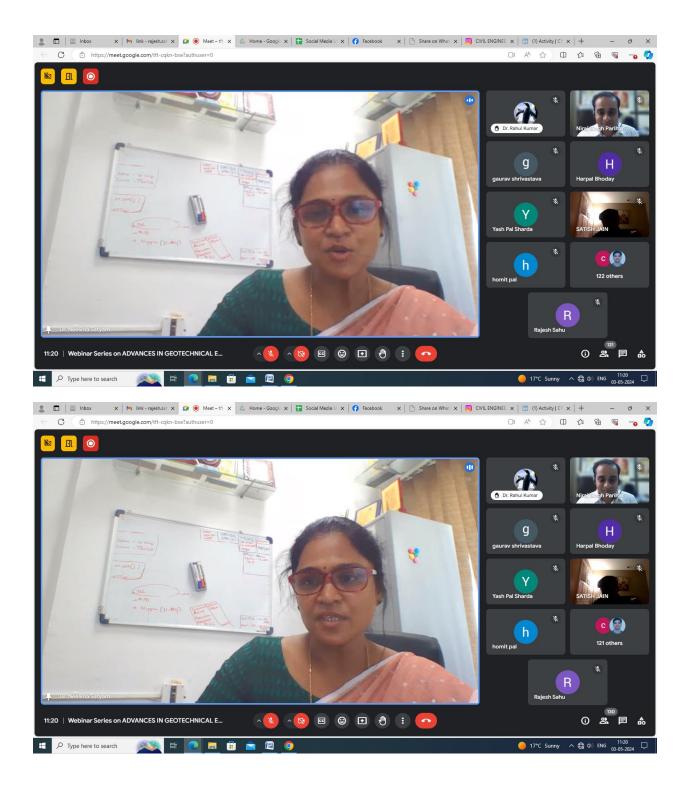


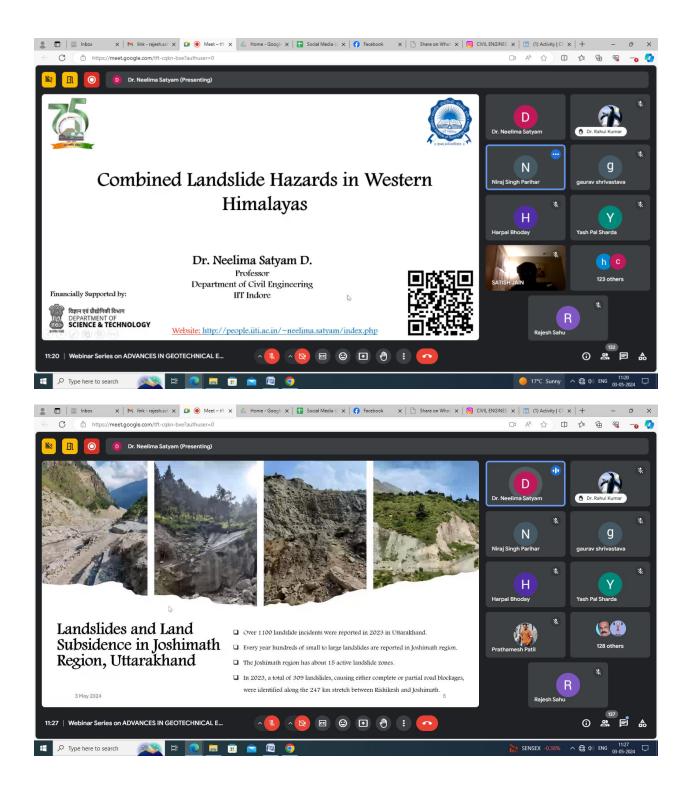


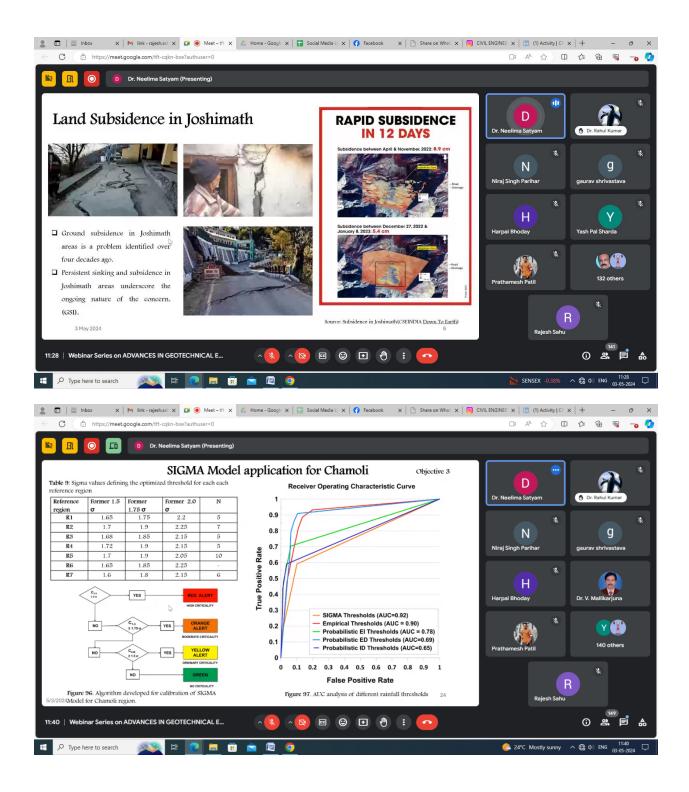


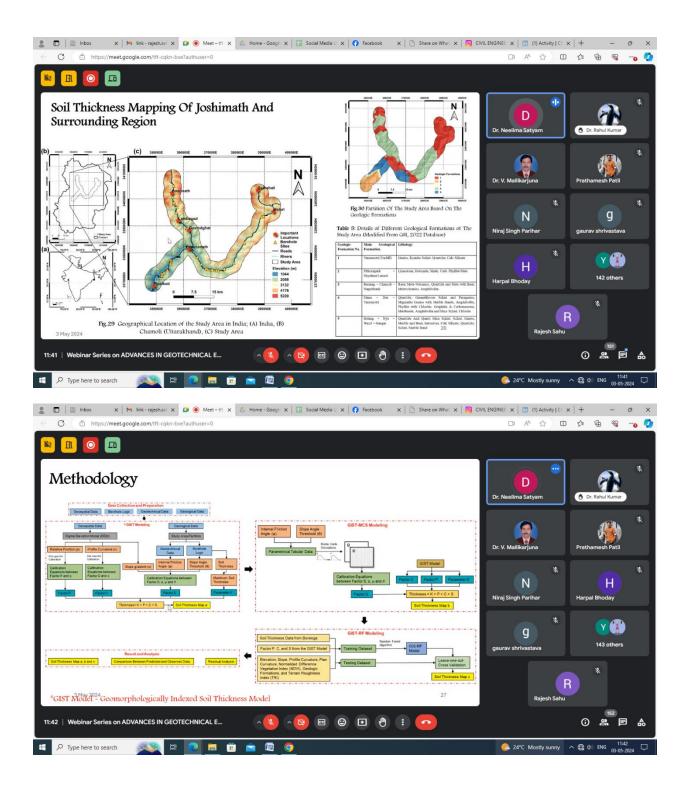


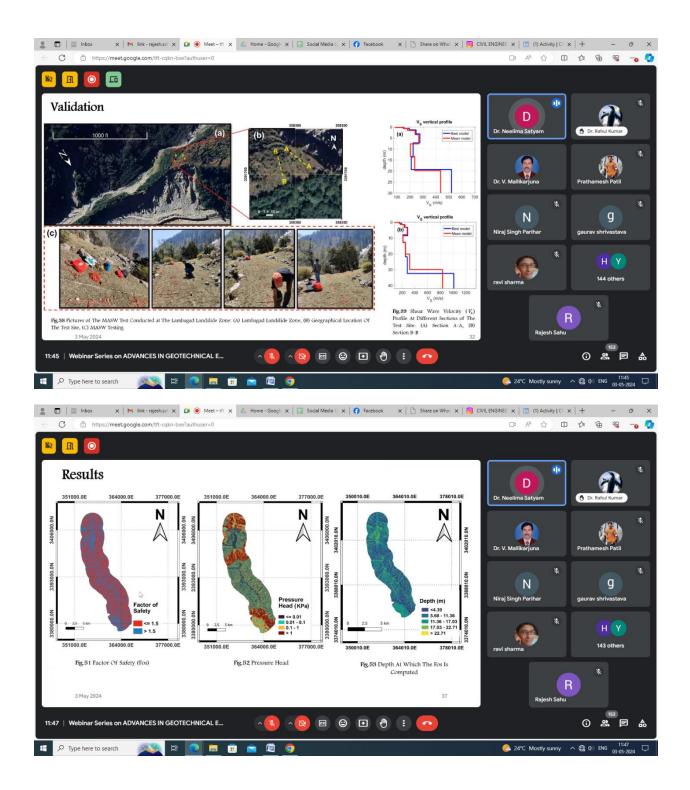


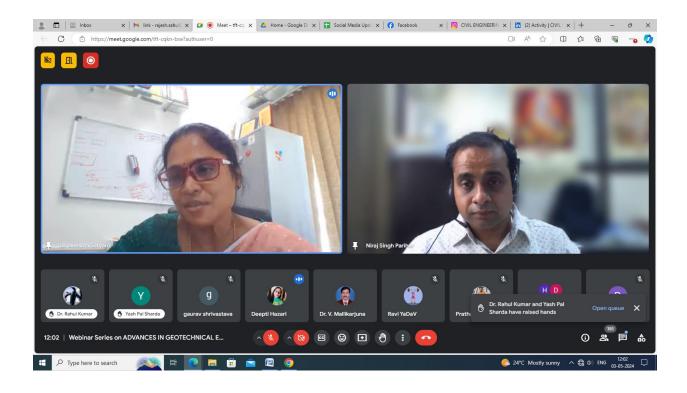




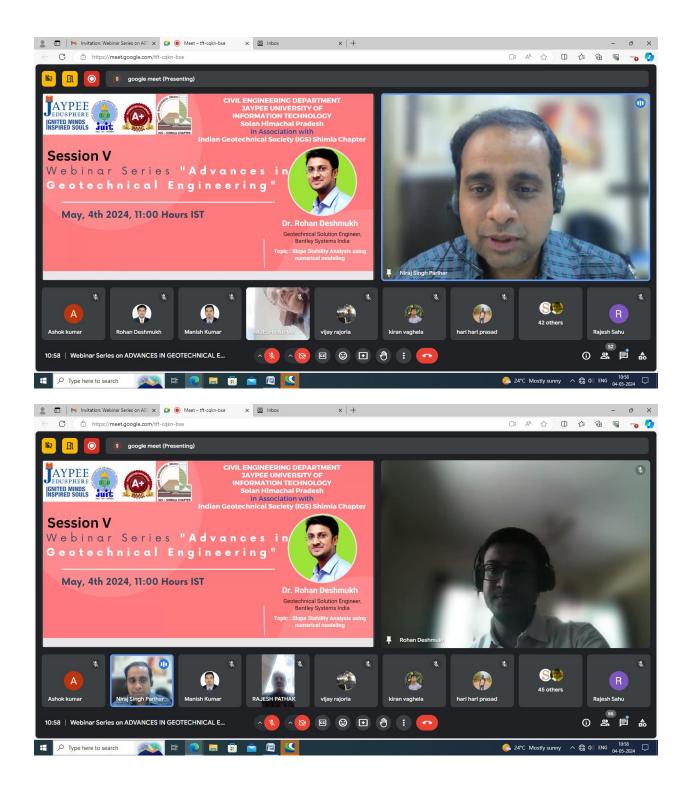


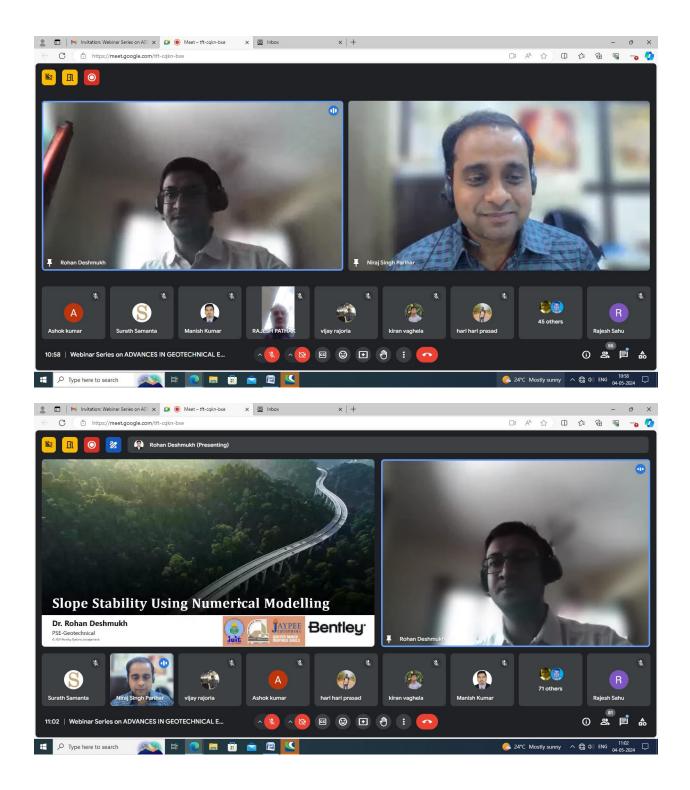


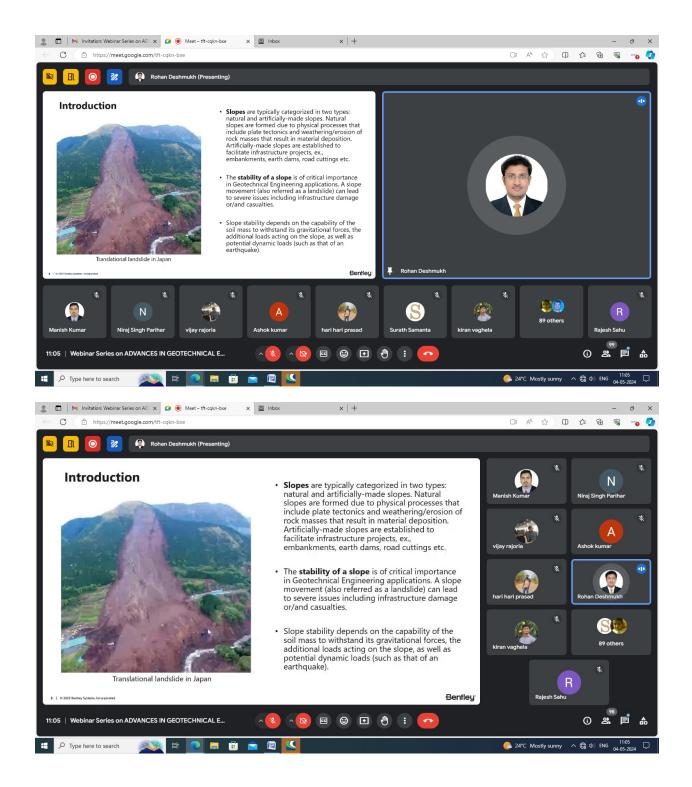


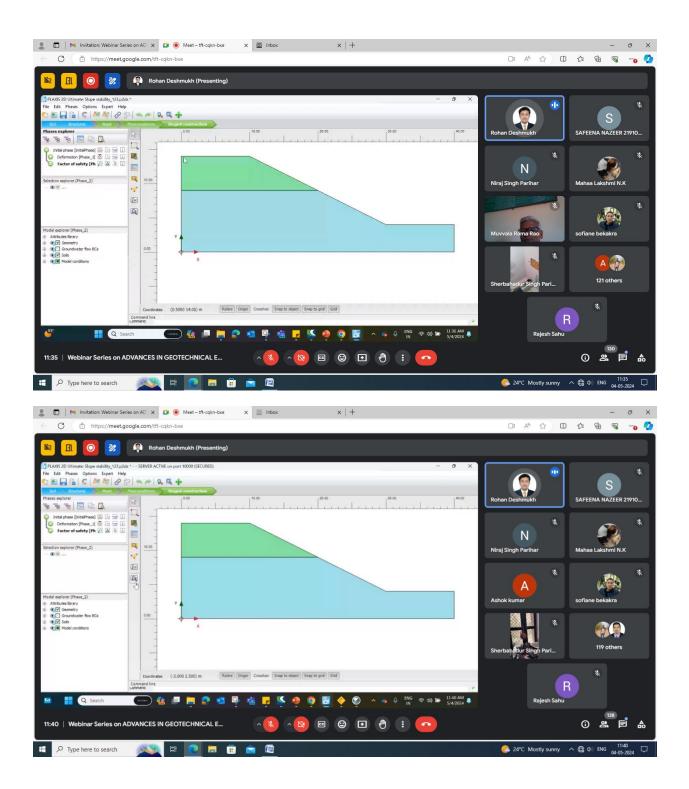


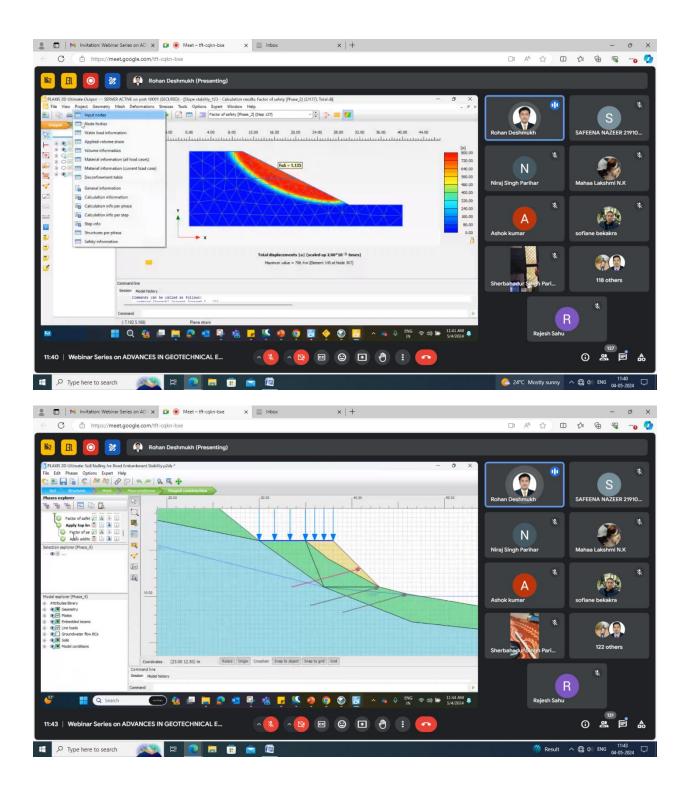


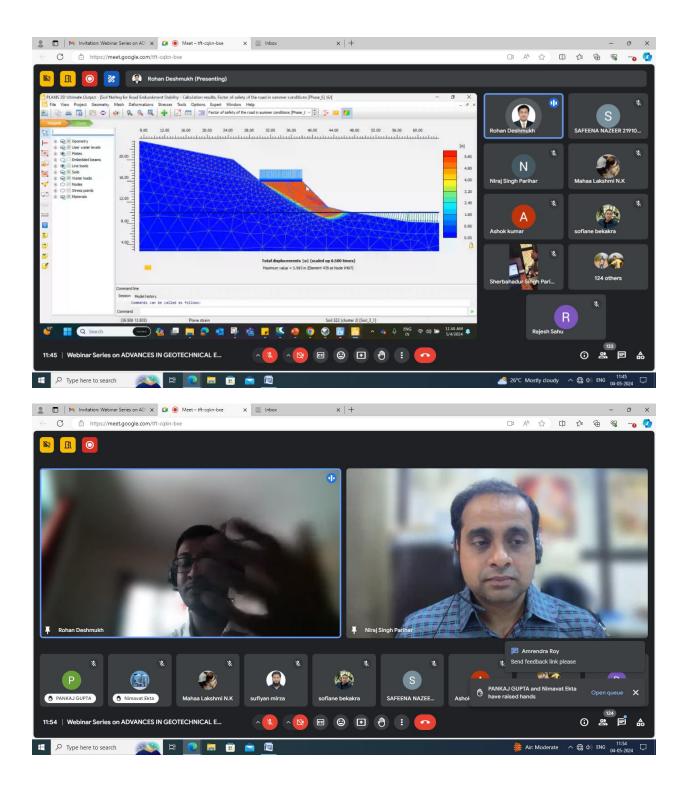


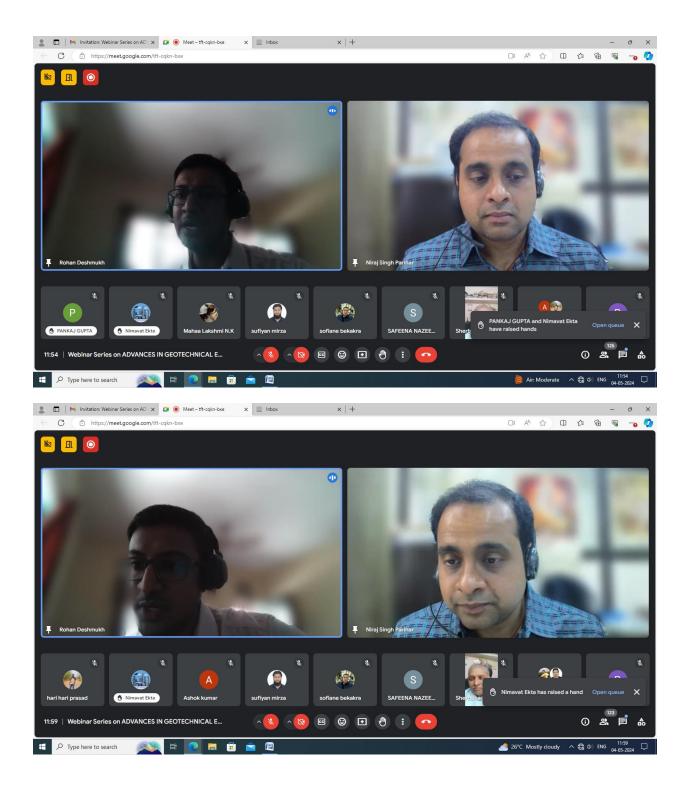




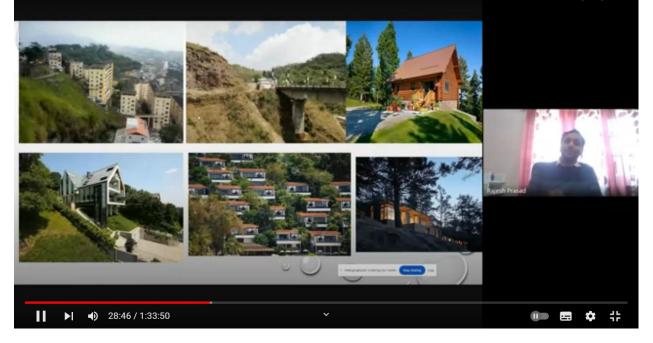








Webinar Series on ADVANCES IN GEOTECHNICAL ENGINEERING Session 3: 2nd May 2024 11:00 Hrs. (IST)





increases by	26 %. 🤹 Passive Earth I	s for $\delta \ge \overline{\phi}$	the passive e	earth pressure		
Angle of Wall Friction (δ) (Degree)	Angle 0 with Horizontal (Degree)	Seepage Force (F _s) (kN/m)	Angle a with Vertical – Clockwise (Degree)	Passive earth pressure (P,) (kN/m)	Naséndra Samadhiya	
		the second s		. ,		
0	34	58.75	5.42	143.59		
	34 31	58.75 64.55	5.42 5.69	143.59 167.06		