



CSIR – Central Building Research Institute
Roorkee – 247667 (UK)



Skill Development & Capacity Building Programme on
‘Landslide Risk Mitigation’
December 22-23, 2022

Public Works Department, Uttarakhand has sponsored two days’ skill development & capacity building programme on "**Landslide Risk Mitigation**" for 28 Engineers of PWD during December 22-23, 2022 under the aegis of CSIR Integrated Skill Initiative. The programme aims to provide latest knowledge on the best practices in landslide risk mitigation in Uttarakhand to minimize the landslide risks to minimum extent.

Prof. R. Pradeep Kumar, Director, CSIR-CBRI have inaugurated the programme and addressing the participants he said that Himalayan terrain is suffering from the frequent occurring landslides especially during rainy season causing huge damages to roads and humans due to the fast growing developmental activities, the understanding of the landslide vulnerability is the most crucial aspect to reduce the impacts on the infrastructure facilities in the Himalayan terrain. The event was coordinated by **Dr. R. Dharmaraju**, Chief Scientist & Nodal Officer, CSIR-ISI and **Dr. D.P. Kanungo**, Chief Scientist & **Dr. Manojit Samanta**, Principal Scientist welcomed the participants and appraised the technical content. During the inaugural session Dr. S. Sarkar, Ar. S.K. Negi and several faculty & staff members of the institute were also present.

Participants were able to understand the technical contests on numerical modeling and stability analysis of landslides, soil sampling and in-situ laboratory testing, geophysical & geotechnical investigations like seismic refraction method, electrical resistivity method, ground penetrating radar, boring for soil exploration etc from the different presentations. They have also shown the laboratory experimental set-up created at the institute for the predication of landslides. At the end, feedbacks have been collected from the participants and they expressed the usefulness of the theoretical knowledge gained and field exposure would have been made them better understandable at site. Finally, the programme was concluded with distribution of certificates and other relevant course material to the participants.

List of Participants

S. No.	Name & Address	Mobile No.	Email ID
1	Er. Onkar Pandey PWD, Uttarakhand	9453511365	onkarpandey15@gmail.com
2	Er. Rajbeer Chauhan PWD, Uttarakhand	7579213782	raj1430beer@gmail.com
3	Er. Richa Bhatt PWD, Uttarakhand	9818309788	erbhatricha88@gmail.com
4	Er. Tara Singh PWD, Uttarakhand	9412409983	tarasingh3876@gmail.com
5	Er. Nitu Singh PWD, Uttarakhand	8979315093	nitusingh900@gmail.com
6	Er. Bhrigu Diwedi PWD, Uttarakhand	9997633626	bhrigu.bbdnitm@gmail.com
7	Er. Sarita Budiya PWD, Uttarakhand	9410357691	budiyalsarita@gmail.com
8	Er. Amit Patel PWD, Uttarakhand	9536854007	amit.patel280@gmail.com
9	Er. Aakansha Bahuguna PWD, Uttarakhand	7088688949	aakba2@gmail.com
10	Er. Hemant Chandola PWD, Uttarakhand	9045289903	hemantchandola12@gmail.com
11	Er. Ravi Prakash Vasav PWD, Uttarakhand	9622262233	vasavarp2011@gmail.com
12	Er. Rahul Arya PWD, Uttarakhand	9690369208	rahularya17@gmail.com
13	Er. Ajay Thapliyal PWD, Uttarakhand	9897548836	ajaythapliyal92@gmail.com
14	Er. Promod Kharkwal PWD, Uttarakhand	8126334335	pramodkharkwal.pk@gmail.com
15	Er. Himanshu Nautiyal PWD, Uttarakhand	9997028281	himnautiyal@gmail.com
16	Er. Bhawna Awasthi PWD, Uttarakhand	8859693665	awasthi.bhawana1@gmail.com

17	Er. Andeep Rana PWD, Uttarakhand	7055570245	andeeprana@gmail.com
18	Er. Prerna Jagoori PWD, Uttarakhand	9456549523	prernajagoorj@gmail.com
19	Er. Kamal Kishor Uniyal PWD, Uttarakhand	9412917132	kkuniyal74@gmail.com
20	Er. Sheetal Aswal PWD, Uttarakhand	7895826250	shitu.aswal@gmail.com
21	Er. Sharad Kumar PWD, Uttarakhand	9897293476	sharadkumar@gmail.com
22	Er. Krishna Singh Pipalia PWD, Uttarakhand	9719579588	kishu875@gmail.com
23	Mr. Ghanshyam Singh PWD, Uttarakhand	8384823035	-
24	Ms. Harshita Verma Geologist, New Delhi	9205511303	v.harshita24@gmail.com
25	Er. Kishor Singh PWD, Uttarakhand	9897163389	ABSENT
26	Er. Radhika Bhatt PWD, Uttarakhand	9557822437	ABSENT
27	Er. Lokesh Saraswat PWD, Uttarakhand	9634177116	ABSENT
28	Er. Vandita PWD, Uttarakhand	9897155233	ABSENT

Glimpses of the Training Programme



Inaugural Ceremony



Technical Session by the Scientists



Group of Participants



Laboratory Visit