

COMPREHENSIVE DISASTER RISK REDUCTION EFFORTS IN DARJEELING SUCCESSFULLY CONCLUDED

Anugyalaya Darjeeling Diocese Social Service Society, a renowned local NGO, recently concluded a series of disaster risk reduction (DRR) initiatives aimed at enhancing awareness and preparedness in the Darjeeling district. The focus was on educating the community about Glacial Lake Outburst Floods (GLOF) and earthquakes, sharing seismic risk assessment findings, and evaluating the organization's capacity for future DRR efforts.

The first event, held in Kalimpong Municipality, brought together local stakeholders and NGO networks to discuss the risks associated with GLOF and earthquakes. Experts in the field shared valuable insights on GLOF, while Earthquake Safety Solutions (ESS) presented effective earthquake risk management and preparedness strategies.

A district consultation was organized, where participants reviewed the results of a seismic risk assessment for Darjeeling municipality. This provided a platform for stakeholders to address key areas of concern and discuss actionable risk reduction measures.

The final event evaluated Anugyalaya's organizational capacity in DRR, identifying strengths and areas for improvement that will guide the NGO's future initiatives.

These events were supported by Caritas Germany and enriched by the technical expertise of the National Society for Earthquake Technology Nepal (NSET) in collaboration with Earthquake Safety Solutions (ESS).



ESS COMPLETES ADVANCED RETROFIT DESIGN FOR MID-RISE APARTMENT IN KATHMANDU

Earthquake Safety Solutions (ESS) has successfully finalized a detailed seismic vulnerability assessment and retrofit design for a mid-rise apartment building in Kathmandu. Utilizing cutting-edge non-destructive testing techniques and advanced structural analysis, ESS meticulously evaluated the building's seismic performance and devised innovative retrofit solutions to significantly enhance its structural resilience.

The recommended retrofit solutions incorporate state-of-the-art technologies, including fluid viscous dampers, cross bracing, and CFRP (Carbon Fiber Reinforced Polymer) wraps. These technologies ensure that the building will withstand future seismic events more effectively, providing increased safety for its occupants.

ESS engineers conducted the analysis in accordance with both national and international standards, combining their in-depth engineering expertise with global best practices. ESS remains committed to creating safer and more resilient structures, supporting the long-term safety of urban environments.

