

## Details of the **CDRI** Fellows 2021

S No	Country	Application ID	Name of the candidate(s)	Research Topic
1	India	201020175	Ms. Supriya Krishnan	The Future Ground: Urban Planning for Infrastructure Resilience (Case: Mumbai)
2	India	201103203	Dr Kailash Chandra Gupta	Amateur Radio Station in District EOC, Jaipur
3	India	201104207	Dr Pushp Bajaj; Mr. Saurabh Thakur; Ms. Chime Youdon	Incorporating Infrastructure Resilience in India's Port-led Development Model
4	Peru	201112257	Ms Luisa Cristina Wong Lent	Intertwined Natures. Adaptation to Climate Change Using Green & Blue Infrastructure in Lambayeque, Peru
5	India	201112260	Dr Swagata Banerjee Basu	Disaster Resilience of Bridges Exposed to Climate Change and Growing Traffic Load during Design Life
6	India	201115293	Ms Shweta Lall	Thermal stress testing of residential building using reference weather data
7	Nepal	201118276	Mr Yogendra Subedi; Ms Anustha Shrestha	Managing landslides and road construction in Chure Hill Region (CHR), Nepal
8	UK	201128342	Dr Richard Boothroyd;	"InfraRivChange" – a web-based application to monitor river migration at sites of critical bridge infrastructure in the Philippines
9	India	201228367	Ms. Akanksha Vardani; Ms Srishti Singh; Ms Meghna; Ms Ananya Goyal	Monitoring and Evaluation in Drought-Proofing Plans: Exploring the Potential of a Social Audit Framework

S No	Country	Application ID	Name of the candidate(s)	Research Topic
10	India	210110405	Mr K Nitheesh; Mr Abhijith. A	Regional Road Resilience using Landslide Susceptibility model
11	Afghanistan	210111409	Mr Mohammad Jawed Nabizada; Mr Ali Nikzad; Ms Hazina Nasiri	Landslide hazard and risk assessment for Bamyan province
12	India	210111410	Mr. Barath Mahadevan; Mr. Adithya Subramanian;	Decision Support Tool for Climate Risk Management in Manufacturing Industries
13	Nepal	210113422	Mr Kaushal Raj Gnyawali; Mr Suman Chapagain; Mr Kshitij Dahal	National scale landslide database and landslide susceptibility map of Nepal
14	Australia	210114423	Dr Ahmed WA Hammad; Dr Riza Yosia Sunindijo; Mr Hafiz Suliman Munawar	Machine Learning for Infrastructure Defect Detection Through Employing Rule-Based Verification on Aerial Imagery
15	India	210115447	Dr Santosh Subhash Palmate	Inventory of High-Altitude Wetlands for Disaster Risk Reduction in Transboundary Himalayan Region (InHAW)
16	USA	210116431	Mr Andrew Estrain; Ms Deepa Srinivasan	Integrating Plans and Strengthening Communications Through Artificial Intelligence and Machine Learning
17	Bhutan	210116459	Ms Monika Thapa; Mr Kirtan Adhikari; Ms Sonam Choden; Dr K.S. Babu Narayan; Dr Sunil B. M	Disaster Resilience Building Construction Practices on Hilly Slopes of Bhutan-A research Compliance and Recommendation for National Adaptation
18	India	210117472	Dr Vasant Matsagar	Innovative Structural Protection System for Resilient Community against Multiple Hazards

S No	Country	Application ID	Name of the candidate(s)	Research Topic
19	Japan	210117475	Ms Hanae Soma; Mr Vipul Kumar Nakum	Risk-Informed School Evaluation Tool (RISE Tool)
20	India	210117487	Dr Indrajit Pal; Prof. Joyashree Roy; Mr Anil Kumar	Multi-hazard Risk Indexing of Coastal Critical Infrastructure: A Case Study of Thailand
21	India	210117493	Mr Shuja Rehman; Mr Sridhar S	Flood Resilient Floating Community Housing