

**List of candidates shortlisted for Research Project/Study
FY 2024-25**

S. No.	Name of the Applicant	Institution	Topic
	Selected for final round – candidates scored more than 26 marks out of 40 based on selection criteria as per ToR		
1	Dr. Amitansu Pattanaik	Sharda University, Agra, Uttar Pradesh	Optic Fiber implementation using Artificial Intelligence on landslide prone regions for early warning and mitigation
2	Dr. Ananth Wuppukondur	MNNIT Allahabad, Uttar Pradesh	Development of a web-based coastal (sea) erosion and flood hazard map for the coast of Andhra Pradesh under current and future sea level rise due to changing climate
3	Dr. Ankit Magotra	Sher e Kashmir University of Agricultural Sciences and Technology of Jammu, Jammu	Assessment of Disease Pattern Related to Livestock Species Associated with Glacial Lake Outburst Floods (GLOFs) in Jammu and Kashmir
4	Dr. Anuj Kishor Budhkar	IEST Shibpur, West Bengal	Assessment of the criticality of roads in the Sikkim Region considering GLOF vulnerability
5	Dr. Assif Assad	Islamic University of Science and Technology, Awantipora, Kashmir	Assessing GLOF vulnerability and hazards in Jhelum basin, J & K: A Geospatial and Machine Learning Approach
6	Dr. Dipankana Bhattacharjee	IEST Shibpur, West Bengal	Physical and numerical model studies for developing guidelines on the design of steel ring net barrier system under impact loading from debris flow induced by GLOF
7	Dr. Divyesh Varade	IIT, Jammu	GLOF Susceptibility Assessment in Zaskar region of Ladakh using modelling and field-based investigations
8	Dr. Gupinath Bhandari	Jadavpur University Kolkata, West Bengal	Putting the Disaster Management Act (2005) under the microscope in the context of COVID-19
9	Dr. Hakim Farooq Ahmad	University of Kashmir, Kashmir	Assessment of GLOF and mitigation in Ladakh, India
10	Dr. Manoj Kumar Rana	SRM Institute of Science and Technology, Tamil Nadu	Development of a GLOF Warning System through Strong Endurance Drone-based Long-Range (LoRa) Communication for the Upper Catchment of the Tista River
11	Dr. P. Saravanan	SRM Institute of Science and	Emotion-Aware Chatbots for Psychological Support and Crisis Counseling during and after Disasters.

		Technology, Tamil Nadu	
12	Dr. R Sofia	Manakula Vinayagar Institute of Technology (Pondicherry University), Pondicherry	Real-time Sentiment Analysis and Rumor Detection during Disasters using Contextualized Language Models and Explainable AI
13	Dr. S Arunmozhi	Manakula Vinayagar Institute of Technology (Pondicherry University), Pondicherry	AI based Semi-autonomous Duel Robotic Arm Mounted Rubble Handling Robotic Vehicle for Earthquake Relief Operations
14	Dr. S. Pulla Reddy	Anurag Engineering College Kalasalingam Academy Hyderabad, Telangana	Synthesis of Porous Crystals for Rapid Decontamination of Water in Disaster Areas
15	Dr. Sanjoy Deb	Bannari Amman Institute of Technology, Tamil Nadu	Design and Trial of Artificially Intelligent Early Warning System for Tunnel Construction
16	Dr. Shyni Anilkumar	NIT Calicut, Kerala	Mitigation strategies for Sustainable Livelihood Recovery through community Infrastructure reconstruction for GLOF affected villages in Sikkim, India
17	Dr. Vikul Pawar	Government College of Engineering, Aurangabad, Maharashtra	AI driven Low Latency and Bandwidth Effective Connected Swarm Drones for Flood Victims Rescue Operations

Note: Presentation schedule will be intimated in due course. Shortlisted candidates will be mailed regarding further modalities.