

F. No.40-3/2025/ICR-ER/
Government of India
Ministry of Home Affairs (MHA)
(Integrated Control Room for Emergency Response, ICR-ER)
<https://ndmindia.mha.gov.in/ndmi/organization>
icr-er@mha.gov.in / 011-23438252

4th Floor, NDCC-II Building,
Jai Singh Road, New Delhi
Dated 09 September 2026

**Subject:- Disaster Management Data Analysis (DMDA)
Batch-09 Internship for students as Interns-Reg.**

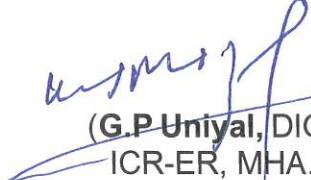
Our country due to its unique geography is prone to many disasters, mostly caused by climatic reasons. The Govt of India has taken many initiatives to mitigate disasters across the country to minimize loss of precious human lives, livestock as well as valued infrastructure. The Integrated Control Room for Emergency Response, (ICR-ER) of Ministry of Home Affairs has been established as nerve center for coordination with various State Govts, Ministries, Departments, Early Warning Organizations, Forces etc.

2. Integrated Control Room for Emergency Response (ICR-ER), Ministry of Home Affairs invites applications from undergraduates/graduate students for 06 weeks **unpaid** internship at ICR-ER. The application from the candidates is invited till 21.09.26 (1000hrs). The internship will commence from 28.09.26 and terminate on 06.11.26. The interns will attend the program on all working days from 0930 hrs to 1730 hrs.

3. The ICR-ER collects voluminous data from many agencies and there is good opportunity for students to hone their skills in data science, analytics, visualization etc.

4. This Disaster Management Data Analysis (DMDA) Internship is intended for tech-savvy students interested in learning and developing their skills in data structuring, analysis, visualization tasks etc. The details pertaining to the Internship is attached as "**Appendix-A**".

5. Hence, it is requested, to give wide publicity to students of Undergraduate/Graduate/Postgraduate Degrees or Research Scholars from your College/Institution(s) to participate in internship. A pamphlet containing QR code for submitting applications is attached for ease of submission.


(G.P. Uniyal, DIG) 09/09/26
ICR-ER, MHA.
dig-icr@mha.gov.in

To,

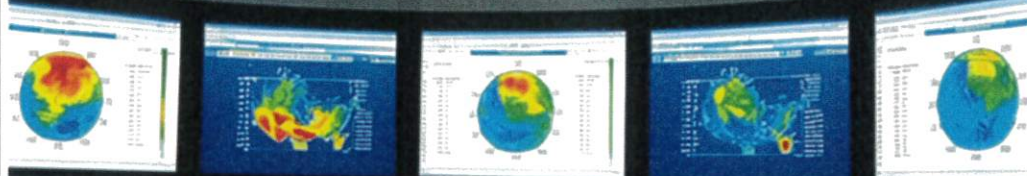
The Universities, Colleges in and around Delhi.

Govind Prasad Uniyal
Deputy Inspector General
ICR-ER, (MHA) Govt. of India
New Delhi-110011

Details of the Internship		
S.No	Details	Remarks
1.	Name of the Internship	Disaster Management Data Analysis (DMDA) Internship Batch-09
2.	Eligibility	Bonafide students of any recognized University/ Institution within India or abroad, fulfilling following conditions are eligible to apply for the Internship. i. Under-graduate students, having completed/appeared in the term end exams of second year/4th semester of the bachelor's degree course and secured not less than 70% or equivalent marks in 12th class. ii. Graduate students having completed/appeared in the term end exams of first year/2nd semester of their post graduate programme or pursuing research/PhD and secured not less than 70% or equivalent marks in graduation. iii. The students who have appeared in the final exam or just completed Graduation/PG and waiting for admission for higher studies may also be considered for internship provided that, they have secured 70% or more cumulative marks in all the years/ semesters of their graduation/post-graduation till the date of application. iv. Desirable: Familiarization in Computer Programming used for Data Analysis and Visualization.
3.	Duration of Internship	The period of Internship shall be of six (06) weeks.
4.	Mode of Applying	Interested applicants may apply online only in the url link to be indicated in the website (https://ndem.nrsc.gov.in/ndmis_intern/).
5.	Procedure for Selection of Internship	Interns to be selected by the Committee to be set up by the DIG (ICR-ER) based on exigencies.
6.	Tentative Domains for Internship	Data Management and Analysis, Natural Resources, Environment & Forests Management of Water Resources, Disaster risk assessment and reduction Disaster preparedness, Disaster recovery strategies, Impact of climate change on natural disasters viz. cyclonic storm flood landslide extreme rainfall and temperature, The role of technology in disaster management, Evaluating the effectiveness of various disaster management systems, The impact of natural disasters on human development and poverty, Environmental impact of natural disasters, The Impact of Urbanization on Disaster Risk, The Impact of Early Warning Systems on Disaster Preparedness, The Effect of Climate Change on natural Resource Management in Disaster-Prone Areas, Psychological impact of Natural Disasters across the country, Quantitative study on natural disasters, Use of GIS techniques/tools in disaster risk mitigation, AI/ML modelling, Comparison of disaster management policy/acts between India and developed nations and suggestions for its improvement, Comparison of disaster management departments between India and the developed nations and suggestions for its improvement, Finding inter relationship between various natural phenomenon, Analysis of flood data in terms of water level and discharge, Flood risk analysis. 1D and 2D flood modelling, Utilizing GIS mapping for post disaster damage assessment especially crop damage in coordination with Mahalanobis National Crop Forecast Centre (MNCFC), Preparation of simplified GIS guided maps with Raster and Vector data for planning the routes for Rescue teams like NDRF, SDRF, etc., during specific disasters, Assigning the task of integration of NDMIS with NDEM 5.0, Developing mobile apps for real-time disaster information sharing among the stakeholders and vulnerable groups during disasters and impending disasters, Exploring drone technology for aerial surveillance in all phases of DM. Improving the efficiency of NDEM 5.0, Evaluating the effectiveness of disaster preparedness drills, mock exercises conducted by NDRF and NDMA, Study on psychological consequences of burnout on emergency responders in NDRF SDRF etc during disasters, Integrating social media platforms in emergency communication with NDEM 5.0, Analyzing the effectiveness of early warning systems integration with NDEM 5.0 and scope for improvement, Examining the role of volunteers (Aapda Mitras, etc.,) in disaster response and relief efforts, Evaluating the effectiveness of wildfire prevention strategies, Inputs on the incorporation of indigenous knowledge into disaster risk reduction strategies, Gender-sensitive approaches to disaster risk reduction, Social Vulnerability and Resilience: Addressing Inequities, Empowering Communities, and Building Adaptive Capacity, From Resilience to Transformation: Building Back Better, Sustainable Development, and Climate Adaptation in a Post-disaster Context or any other topic deemed necessary by ICR-ER.
7.	Miscellaneous	The internship must not be considered as an employment and hence no remuneration or stipend is offered. On successful completion of internship, a certificate to that effect will be issued.

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DISASTER MANAGEMENT DATA ANALYSIS (DMDA) INTERNSHIP



6 WEEKS INTERNSHIP FOR COLLEGE STUDENTS

AT ICR-ER, NEW DELHI



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