



Terms of Reference:

Lead – Technical Innovations

ABOUT SEEDS

SEEDS is a not-for-profit organisation that helps make communities resilient through comprehensive interventions in the areas of disaster readiness, response and rehabilitation. Since 1994, the organisation has worked extensively on every major disaster in the Indian subcontinent, integrating locally-based approaches to build the long-term resilience of the communities it serves. As SEEDS looks at completing 26 years of outstanding service to humanity, it is re-anchoring its approach to building resilience through innovation.

POSITION

The Lead-Tech Innovations will lead and implement the organization's technological innovations for disaster risk reduction including in Artificial intelligence and Machine learning, coordinates the development and deployment of the AI models, simulations and supporting mobile applications according to organization's goals and objectives.

ABOUT THE ONGOING PROJECT

The project aims to change the way neighbourhoods use disaster related information to take decisions and to act for avoiding loss of lives and assets. Information about their inherent vulnerabilities will be available with very specific context of their region and surroundings. Disaster alerts and warnings will be in forms that will tell them exactly what is expected in their current location and when, and what immediate action they should take. The Project will be able to demonstrate with evidence, how better information can save lives and property, and change mind-sets.

RESPONSIBILITIES:

- Overall management of technology-related projects (that include Artificial Intelligence, remote sensing, etc.) of the institution in building disaster resilience.
- Be the custodian of the developed AI/ML- related models including the codes, work to improve efficiency and accuracy of the models, coordinate with technology partners as necessary for successful deployment
- Generate ideas, research and lead the tech-innovation in the field of disaster resilience.
- Maintenance of data collected in the study through primary & secondary research
- Preparation of the budget and project work plan, and related troubleshooting in implementation
- Co-ordination with stakeholders and with field teams for the deployment
- Preparation of monthly progress report for organizations internal purposes.
- Assist in preparation and delivery of all reports, presentations, meetings/consultations as per project requirement.
- Travel to project locations as and when required

- Perform other related duties as assigned by the SEEDS management, including during emergencies as required.

Internal support

- Participating in periodic review and planning meetings with other departments for coordination
- Providing support for emergency response, as and when required
- Any other duties related to this position that emerge from organisational management planning as and when required

Candidate must have

- Degree in Computer science / Information technology / Industrial design / GIS expertise / Advanced product designing for a reputed institution.
- Minimum 3 years of proven, hands-on distinguished career in Computer science / Information technology / Industrial design / Advanced product designing.
- Ability to understand and work with computer languages including Python, Java, and other relevant in development to AI models, software, Q-GIS or ARC-GIS and mobile applications
- Knowledge of built environment domains including urban planning and architecture
- Interpersonal skills: Ability to build networks and strategic alliances and maintain relationships with donors and internal stakeholders with tact and sensitivity
- Planning and organizing skills: Ability to coordinate activities across diverse teams spread across locations, and facilitate timely reporting of results and successes to donors
- Excellent verbal and written communication in English.

We value

- Experience/education/interest in Disaster Management and Climate Change domains
- Ability to make considered and effective decisions and take clear action to address issues
- Attention to detail to spot challenges and opportunities
- Ability to collaborate with teams in a multi-cultural, multi-disciplinary environment
- Strong analytical and persuasion/negotiation skills, with the ability to influence, negotiate, motivate, advocate and resolve conflict
- Ability to succeed in often interrupt-driven, ambiguous and highly flexible environments
- Ability to work and deliver independently as well as be part of a team

Location

New Delhi

Travel

Willing to travel up to 30% of the time, sometimes in emergency situations

Term

10 months with scope for renewal

How to Apply

Candidates with a passion to work in the humanitarian sector and with the above qualifications and experience may apply to joinus@seedsindia.org with the subject "Lead- Technical Innovation" at the earliest (till 30th May 2021). We are an equal opportunity employer and value diversity at our organisation. Please mention your current and expected salary, and joining time required.

For information about the organisation, visit us at www.seedsindia.org