



Mobile App Hackathon

Innovations and smart applications of technology have significantly improved the way weather information is shared across the world. Capturing and remitting real time information about the climatic condition is very important as it not only affects the health of the people but also affects the local economy.

In the Digital World where information is power and climate change is causing drastic temperature fluctuations that affect vulnerable communities, access to accurate and real time weather forecasts can help the local authorities to plan strategies to take corrective actions, which could result in empowering rural communities and saving lives.

With an objective to boost up the efficiency of the data sets of climatic conditions across Uttarakhand, **Uttarakhand State Disaster Management Authority (USDMA)** is pleased to announce its first ever hackathon Mobile App Hackathon.

We are pleased to invite individuals/teams of computer coders, developers etc. to solve the problem of capturing real time data sets through an app within given time period. Participants will have access to leaders in meteorology, technology, sustainable development and communications. The applicants can work individually or in teams to create mobile applications, technology solutions or data-crunching systems that address Uttarakhand's persistent challenges in capturing real time data, and sharing early warnings and accurate climate information across the territory.

Key Points of Hackathon:

- Create prototype mobile and information-system-based applications and technological solutions to capture and share actionable weather and climate information (Temperature, Wind velocity, Snowfall, Rainfall, Water level of nearest river, geo locations etc.) with a variety of stakeholders, sectors and end-users.
- Connect technology with people to bridge the last mile connectivity.
- Create technological solutions that are built for Uttarakhand and that solves local challenges.
- Design and develop next-generation applications to improve on existing systems and methodologies to use climate information and reach end users.
- Leverage existing information, networks and human capacity to seed innovation.
- Communicate existing climate information in an innovative and easy-to-understand manner to catalyze action, improve productivity, save lives and empower end-users.

Winning Idea:

- The winning idea will get any opportunity to work on the pilot project with the department

Interested participants shall share their expression of participation at StartupCellUk@gmail.com