World's Biggest Hackathon

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Department of Empowerment of Persons with Disabilities

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Department of Empowerment of Persons with Disabilities

The Accessible India Campaign (AIC) under Department of Empowerment of Persons with Disabilities aims at creating universal accessibility for persons with disabilities in built environment, transport system and Information & Communication Technology (ICT) eco-system. This department has identified 7 issues for which they are aggressively seeking solutions from the Smart India Hackathon 2017.

Retrofitting the Public Transport System

#DEP7   Total Submissions : 26

The public transport system in India is not very disabled-friendly as things stand now. There is a need to re-design the public transport infrastructure in a manner that persons with different kind of disabilities don't face

annoucement system which even visually / hearing impaired users can use with ease.

Sample data required: No

PARTICIPATE

Bridging Digital Divide

#DEP6   Total Submissions : 15

Education is the most powerful tool of empowerment of persons with disabilities. The existing academic infrastructure and teaching tools are heavily loaded against the persons with disabilities. There is a need to design modern teaching aids which could put the students with disabilities at par with normal students in so far as modern teaching tools are concerned. There is an urgent need to bridge the digital divide between students with disabilities and normal students.

Sample data required: No

PARTICIPATE

Digital solution to integrate the Scholarship Scheme with Performance

#DEP5   Total Submissions : 15

The Department is running different types of Scholarship Schemes for the welfare of students. The government needs to constantly monitor the academic progress of beneficiaries right from primary level to post-graduation level in order to link their academic progress with scholarship scheme on a digital platform.

Sample data required: No

PARTICIPATE

mass publicity in a simplistic manner.

#DEP

Total Submissions : 9

The Government intends to reach out to every member of PwDs so that financial benefits accrue to them without any leakage.

Sample data required: No

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Assistive tools for visually/hearing impair

#DEP3   Total Submissions : 71

At present, there are 2.68 crore Persons with Disabilities in India constituting 2.21 percent of the population, according to Census 2011. The persons with visual and hearing impairment need to have mobile applications catering to specific problems of persons with specific disabilities. At present, persons with visual and hearing impairment are deprived of benefits of mobile/laptop use.

Sample data required: No

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Real time monitoring

#DEP2   Total Submissions : 13

At present, there is no digital platform for real-time data analysis and data management- MIS or Project Monitoring Unit (PMU). The Accessible India Campaign(AIC) needs to put in place a digital platform.

Sample data required: No

Issue of Coordination among stakeholders

#DEP1   **Total Submissions : 5**

1.It is an ambitious project which seeks to redesign the existing physical infrastructure in the country. Enormous difficulty in coordination with various stakeholders for implementation of AIC since multiple stakeholders entrusted with creation of barrier-free physical environment are physically distant. In order to have real-time coordination with various stakeholders across the country, there is a need for ICT tool for proper coordination and supervision of achievement of targets.

Sample data required: No

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