

पथ चिंतन Hackathon: 2024

(Technology Demonstration Scheme of MoRT&H)

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In its endeavour to identify and promote solutions to the issues encountered by MoRT&H, to have enablers in-place to encourage the innovators/Technology provider by handholding as well as facilitate eco-system, to demonstrate the efficacy of the solution by Pilot Projects and its performance monitoring by mentor institute of repute and finally adoption thereof.

ELIGIBILITY

• Govt./Pvt.Institute/College/University/R&D institute/Organisation, Consultants, Contractors, Concessionaire, Technology Provider, Individual Innovators, Start Ups etc. (Open for all).

CATEGORIES

- *Advanced Construction Materials/Products*
- *Low Carbon Technology*
- *Construction Quality Monitoring*
- *Valued use of processed municipal waste (other*

than construction/demolition material)

- *Real time compaction monitoring and documentation of various pavement layers/construction sequencing of bridges & structures (e.g. prestressing of strands in PSC structures in the sequence/time given by the designer)*
- *Time prescription for saw cutting of joints in PQC course*

SUBMISSION PROCESS

• The proposals will be sent to email bidurkant.jha@gov.in in **between 3:00-3:30PM on 31st January 2024**. The email received before & after the time specified will not be considered.

EVALUATION & SHORTLISTING PROCESS

• Applicant will give one pager containing a) problem statement and b) proposed solution supported by justifications/documentary evidences as appropriate. The

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सड़क परिवहन और राजमार्ग मंत्रालय
Ministry of Road Transport and Highways

same will be evaluated and short-listed by a 5-member Jury committee.

- The 5-member jury will comprise of a) officer from MoRTH/NHAI/NHIDCL in the rank of Chief Engineer, b) MoRTH Chair Professor, c) scientist from CRRRI or any other CSIR institute, d) two domain experts. The committee members will get approved from DG (RD) & SS. There will be separate jury for each theme. Jury may desire to shortlist applicants and interact with shortlisted applicants through VC.

AWARD

- The winners will be awarded @ 1,00,000/- each as well as required fee for IRC accreditation of the solution.

PILOT PROJECTS & PERFORMANCE MONITORING BY MENTOR INSTITUTE

- MoRT&H will bear the cost of Pilot Projects of its NHs for all the winners and also the cost of its performance monitoring for a period of 3 years by the mentor institute. Finally, the solution found performing will get MoRT&H

certification for its use in regular permanent works.

TIMELINE

- *Notification of Hackathon by 15th January, 2024*
- *Submission of Proposal on 31st January, 2024 at 3:00-3:30PM.*
- *Announcement of Winners by 15th February, 2024*

*Pratik Kant Jha
15/01/2024*