

ACTION TAKEN REPORTS

Name of the Host Institute: IIT Roorkee

**Name of the TIH: Divyasampark iHUB Roorkee for Devices Materials & Technology Foundation
(iHUB DivyaSampark)**

Technology Vertical: Device, Technology and Materials

| Recommendation of TIPS Workshop | Action Taken |
|---|---------------------|
| Whether the representative of AS & FA, DST (not below the rank of Deputy Secretary) has been included as special invitee to HGB | Yes |

Update on problems taken-up by line ministries

| | Problem Area/details | Name of line ministries/States Govt/PSUs/industries | Collaborating TIH | Collaborating Partner other than TIH | Projects undertaken | Technology/ product developed (current status) | Any other update |
|---|-----------------------------|--|--|---|---|---|---|
| W.r.t. problem statement shared by MO on 20.07.2021 | | | | | | | |
| Other direct Initiatives | | Govt. of Uttarakhand | iHUB DivyaSampark (TIH) at IIT Roorkee | | Traffic Signals Integration with Safe City Surveillance & CCTV Operations (TISCO Project) | | Our team is conducting a survey and holding regular meetings to implement the same. |
| | | Govt. of Bihar | iHUB DivyaSampark (TIH) at IIT Roorkee | | Skill Development Program | | Conducted Two- day Faculty Development Program in Patna, Bihar. As part of our collaboration with DST Bihar, we are conducting online training for 12000 students of Bihar. |
| | | Govt. of Bihar | iHUB DivyaSampark (TIH) at IIT Roorkee | | DPR for Smart City | | |
| | | Jharkhand Government | iHUB DivyaSampark (TIH) at IIT Roorkee | | Verification of DPR for Jharkhand State Data Center 2.0 | | The Suggestion have been made to the Jharkhand Government. |

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| | | | | | | to run spoke has been approved |
| 10. | IIT Bombay | Maharashtra | | Cyber-Physical System | | MoU signed with IIT Bombay and is a virtual spoke for training and entrepreneurship related activity. |
| 11. | DIT University | Dehradun | | Cyber-Physical System | Established the centre in the campus named iHUB DIT. | |
| 12. | Shivalik college | Dehradun | | Cyber-Physical System | | MoU signed, Space and core committee to run spoke has been approved |
| 13. | Sharda university | Greater Noida | | Cyber-Physical System | Established the centre in the campus named iHUB Sharda. | Initiated the recruitment process to speed up the activities as well as many applications is also received for the UG Fellowships via iHUB Sharda. |
| 14. | University of Jammu | Jammu & Kashmir | | Cyber-Physical System | | MoU signed, Space and core committee to run spoke has been approved. |
| 15. | I-HUB QUANTUM TECHNOLOGY FOUNDATION | IISER Pune, Pune, Maharashtra | | | In discussion with I-HUB QUANTUM TECHNOLOGY foundation for launching the joint projects in the area of Quantum Technology with special focus on quantum materials. Few IITR professors are involved with quantum related projects. | IIT Roorkee is the only TIH having a vertical of device materials and hence close collaboration with IISER pune would be very helpful for the future quantum technologies and for the quantum mission announced in budget 2020. |
| 16. | IIT PALAKKAD TECHNOLOGY IHUB FOUNDATION | IIT Palakkad, Kerala | | | Will provide incubation support at IIT Roorkee & Greater Noida Extension Centre and similarly IIT Palakkad Technology ihub | |

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| | | | | | foundation will provide the support at IIT Palakkad for the incubation | |
| 17. | Vishleshan iHub Foundation | IIT Patna, Bihar | | | Collaboration with IIT Patna on identifying good quality startups, bringing operational efficiency of the hub at IIT Patna and helping IIT Patna hub to understanding Hub & Spoke model | TIH IIT Roorkee CEO visited IIT Patna with mission officials to help the team with initial policy formulation for UG, PG, PhD fellowship, finance related process like purchase policy etc. |
| 18. | iHub Foundation for Cobotics | IIT Delhi, Delhi | | | To launch i2U (idea to unicorn) program for startups. Startups will have flexibility to get incubated at Delhi, Noida, Roorkee and Sonipat. | |
| 19. | AI4ICPS iHUB FOUNDATION | IIT Kharagpur, West Bengal | | | Collaboration on increasing the operational efficiency of the hub like exchange of policy related documents. Discussions are on for joint project and other technical activities. | |