**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**

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| **Inter Hub Collaboration and Spokes-Spike details** |
| **S.No.** | **Name of the Hub/Spoke/Spike** | **Place** | **List of Projects undertaken (if any)** | **Research Area (if any)** | **Progress / Outcome** | **Remarks** **(If Any)** |
|  | EMPI  | Delhi |   | Cyber-Physical System |  | MoU signed, Spaceand core committeeto run spoke hasbeen approved. |
|  | Shoolini University | Solan, Himachal Pradesh |   | Cyber-Physical System | Established the centre in the campus named iHUB Shoolini. Organised Skill development programs /training programs. | Now planning to organize Hackathon and one day symposium on AI.Taking more initiative to promote the activities of the Mission. |
|  | NIT Sikkim | Sikkim |   | Cyber-Physical System |  |  MoU signed, Spaceand core committeeto run spoke hasbeen approved. |
|  | IIIT Bhagalpur | Bihar |   | Cyber-Physical System | The spoke has conducted training activities. |  MoU signed, Spaceand core committeeto run spoke hasbeen approved |
|  | UIT Himachal University | Shimla, Himachal Pradesh |  | Cyber-Physical System |  | MoU signed, Spaceand core committeeto run spoke hasbeen approved |
|  | NERIEST  | Arunachal Pradesh |  | Cyber-Physical System |  | MoU signed, Spaceand core committeeto run spoke hasbeen approved |
|  | DCRUST | Murthal, Haryana |  | Cyber-Physical System | Established the centre in the campus named iHUB DCRUST. |  |
|  | NIT Surat | Surat, Gujarat |  | Cyber-Physical System |  | MoU signed, Spaceand core committeeto run spoke hasbeen approved |
|  | GMR Institute of Technology | Andhra Pradesh |  | Cyber-Physical System |  | MoU signed, Spaceand core committeeto run spoke hasbeen approved |
|  | IIT Bombay  | Maharashtra |  | Cyber-Physical System |  | MoU signed withIIT Bombay and is a virtual spoke fortraining andentrepreneurshiprelated activity. |
|  | DIT University | Dehradun |  | Cyber-Physical System | Established the centre in the campus named iHUB DIT. |  |
|  | Shivalik college  | Dehradun |  | Cyber-Physical System |  | MoU signed, Spaceand core committeeto run spoke hasbeen approved |
|  | 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. |
|  | University of Jammu | Jammu & Kashmir |  | Cyber-Physical System |  | MoU signed, Spaceand core committeeto run spoke hasbeen approved. |
|  | I-HUBQUANTUMTECHNOLOGYFOUNDATION | IISER Pune, Pune, Maharashtra |  |  | In discussion with I-HUBQUANTUM TECHNOLOGY foundation for launching the joint projects in the area of Quantum Technology with special focus onquantum materials. Few IITR professors are involved with quantum related projects. | IIT Roorkee is the only TIH having a verticalof device materials and hence close collaboration with IISER pune would be very helpful for the future quantum technologiesand for the quantum mission announced inbudget 2020. |
|  | IIT PALAKKADTECHNOLOGYIHUB FOUNDATION | IIT Palakkad, Kerala |  |  | Will provide incubation support at IIT Roorkee & Greater Noida Extension Centre and similarly IIT Palakkad Technology ihubfoundation will provide the support at IIT Palakkad for the incubation |  |
|  | 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 withmission officials to help the team with initialpolicy formulation for UG, PG, PhD fellowship, finance related process likepurchase policy etc. |
|  | 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. |  |
|  | AI4ICPS iHUBFOUNDATION | IIT Kharagpur, West Bengal |  |  | Collaboration on increasing the operational efficiency of the hub like exchange of policy related documents. Discussions are on forjoint project and other technical activities.  |  |