



iHUB DivyaSampark



**National Mission on Interdisciplinary
Cyber-Physical Systems
(NM-ICPS)**



iHUB DivyaSampark

IIT Roorkee

Building an Innovation Tribe

**A joint Initiative by Government of India, Department of Science
& Technology and IIT Roorkee**

**Catalyzing Innovation
&
Skill Development
via
Diversity and Flexibility**





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INTRODUCTORY NOTE

iHUB DivyaSampark a section 8 (Not for Profit) company is a Technology Innovation Hub, at IIT Roorkee is set up under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), initiated by Department of Science and Technology (DST) for doing interdisciplinary, collaborative, and translational innovation in the broad area of devices and materials for cyber-physical systems to enable technological innovation. Government of India has sanctioned ₹ 135 Crore as seed fund to support innovators and entrepreneurs from all over the India.

iHUB DivyaSampark aims to enable innovative ecosystem in CPS and becoming the source for the next generation of digital technologies, products and services by promoting translational research, enhancing core competencies, capacity building, training to provide solutions for national strategic sectors and becoming a key contributor to Digital India.

In the fast-evolving technology and industry landscape of the 21st century, it is necessary to continuously learn, unlearn, and relearn emerging technologies to build innovative solutions for the world's current challenges like affordable Health care, Industry 4.0 , sustainable Smart cities and Defense.

Further, the strong entrepreneurial focus will create globally acknowledged products and services that would have the power of positively impacting billions of lives. iHUB DivyaSampark is committed to enable innovative ecosystem that can deliver smart products to realize the goals of Industry 4.0 and Digital India. iHUB DivyaSampark would be performing activities in conjunction with industry and start-ups that would lead to new jobs creation and the economic growth.

iHUB DivyaSampark aims to become the source for the next generation of digital technologies, products, and services by promoting innovation and technology development, enhancing core competencies, capacity building and manpower training to provide solutions aiming for:



Smart Cities

People centric
Smart Cities



Industry 4.0

Making Indian MSME globally
competitive



Digital Health

Affordable and Accessible
Healthcare for Every Indian



Defense

Enhance defence capabilities by
using UAV's and drones

The iHUB DivyaSampark will also continuously identify need of such technologies and will liaison with both to map the needs with the key technologies developed or to be developed in iHUB DivyaSampark.

One of the important objectives of the iHUB DivyaSampark would be to sensitize youth and key stakeholders like public sector companies about the opportunity and threat posed by these emerging technologies and how to prepare for these unavoidable technological changes.

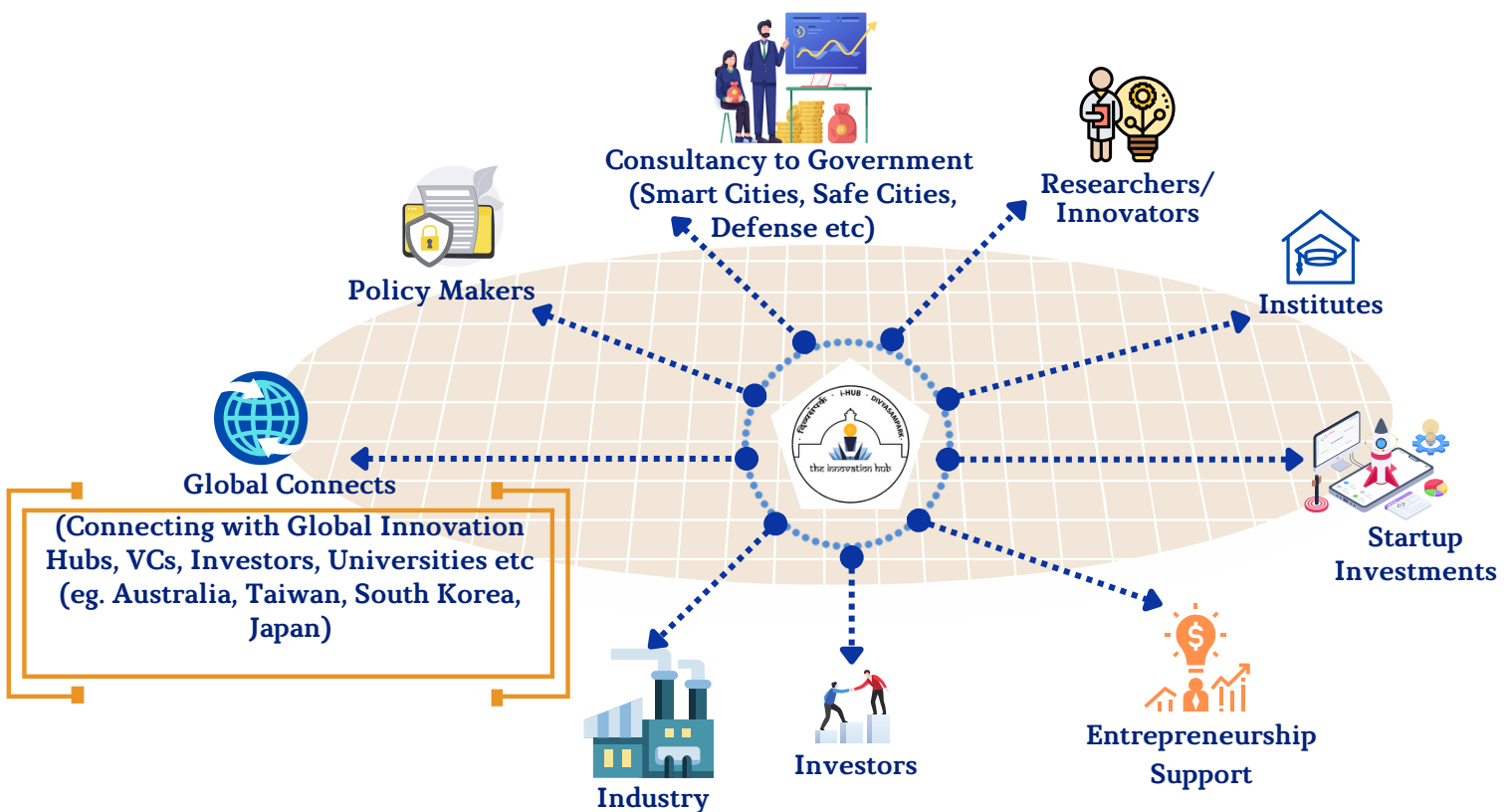


Unless we are prepared in advance for these future technological changes, fate of MSME, Smart Cities and youth of less developed areas would be at high risk due to digitalization of every services.

We at iHUB DivyaSampark are here to support the new ideas that create new Cyber Physical system (CPS) technologies to solve the real-world problem from everywhere.

iHUB DivyaSampark is also focused on various types of training program that will provide the young innovative minds, the opportunity for live interactions with real-time feedback and get exposure to the real world experiences. These programs or course will be based on to cater to people who want to explore their innovative side and develop the technologies for the future needs or the technologies that will solve the real world problems.

One networked platform of iHUB DivyaSampark @ IIT Roorkee



“iHUB DivyaSampark is committed to leverage the strength of Indian academia and industry and will work as a bridging element to pave the way for disruptive technologies for the benefit of masses.”



Activity Areas



Consultancy to Government

Providing consultancy in the areas of smart city, safe city and industry 4.0 projects where high level of technical skills are required. We source our experts (like professors, research staffs) from IIT Roorkee and other IITs to implement projects by maintaining strict time line and high quality.

Skill Development

The iHUB initiative prepares young people in less developed areas for technological and digital changes in the future.

iHUB also provides students with the opportunity to interact with experts from academia and industry through a variety of short-term training programs.



Technology Development

iHUB DivyaSampark works as a bridge between Indian academia and industry, encouraging disruptive technologies to benefit the masses by identifying the need for technology in CPS and developing a solution based on the same.

Entrepreneurship Development

We encourage and support young entrepreneurs to pursue entrepreneurship as a career.

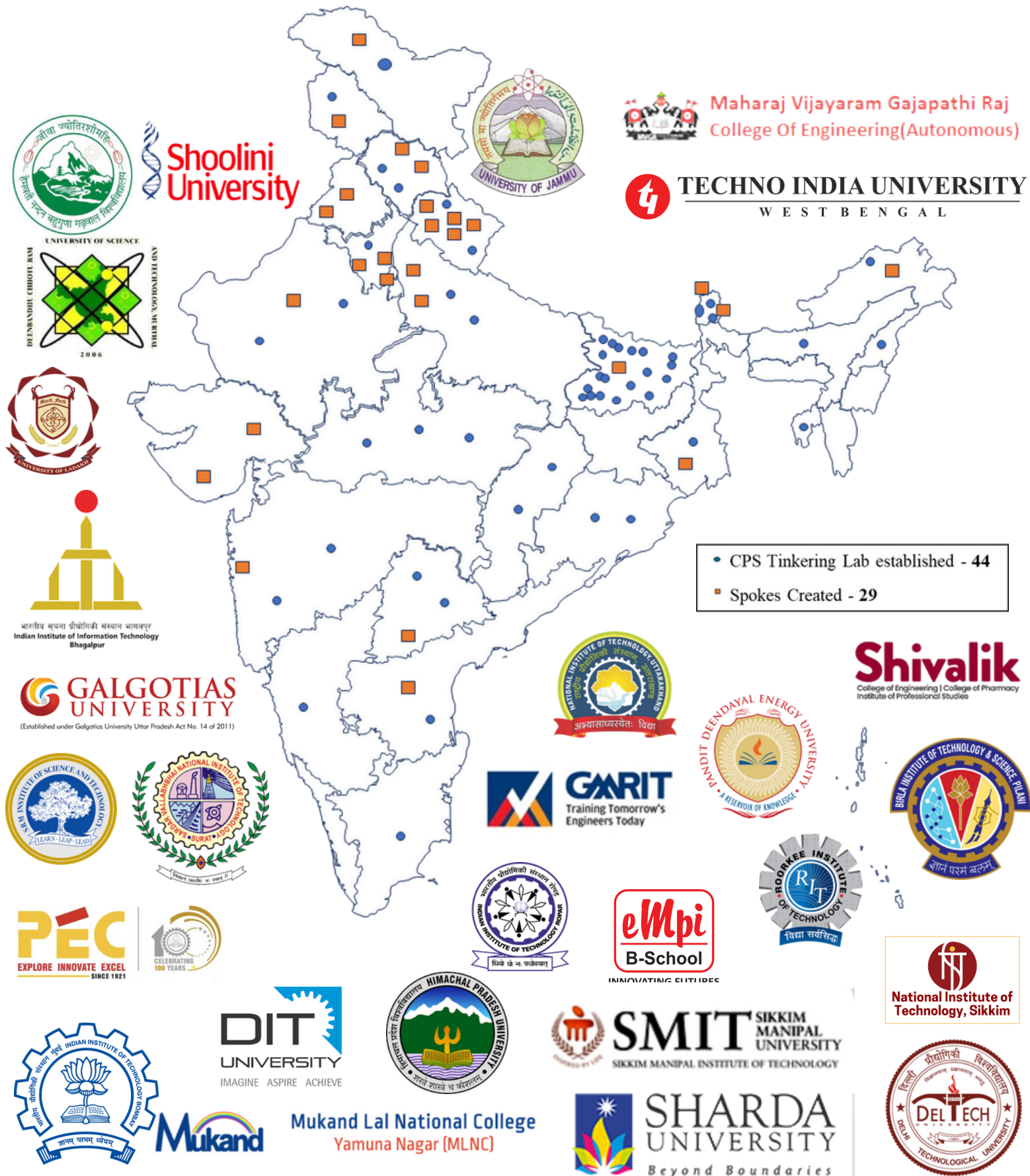
Young entrepreneurs will also be able to expand their networks which not only minimizes the risk of pursuing start-ups but also offsets the opportunity costs of high-paying jobs.





iHUB DivyaSampark

Our Extension Arms (Spoke Hubs)





iHUB DivyaSampark

Benefits for Everyone



Industries:

- Window to the world of technologies and Joint Development.
- Exploratory research at low risk.
- Technology Transfer.
- Access to the foreign market.
- Licensing

International Collaborators:

- Gateway to India for technology transfer opportunities.
- Joint development of products for Indian market & beyond.
- Connect with Indian Innovators & Start-ups.
- Technology demand forecast for the Indian market and beyond.



Venture Capitalists/Angel Investors:

- Early access to promising start-ups.
- Creating innovative economic value through co-funding opportunities.

Researchers:

- Technology Development and Entrepreneurship Support.
- Networking platform.
- Industry connects and Funds.



Entrepreneurs and Start-Ups:

- Entrepreneurs-In-Residence
- PRAYAS
- Incubation
- Seed-Support
- Accelerator program

Students:

- UG, PG and PhD Fellowships.
- Opportunity to work on innovative products with faculty, industry and start-ups.
- Entrepreneurship Training programs.
- Consulting & online training programs.
- Opportunity to find future Co-Founders.





iHUB DivyaSampark

Achievements so far

291

**Fellowships
(UG/PG/Doctoral/Post-
Doctoral etc)**

5 +20 Others (indirect)

**International
Collaboration**

**Let's Create & Inspire Digital
Innovation Together**

3x Return on startup
portfolio (Notional)

**Start-up
Investment**

57,000⁺

**Students/Faculties
Trained**



Connect with us on
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Scan the QR Code now

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