



विज्ञान एवं प्रौद्योगिकी विभाग  
DEPARTMENT OF  
SCIENCE & TECHNOLOGY



# DST - TECHNOLOGY ENABLING CENTRE

*in collaboration with*

**CPU Pioneer Incubator**  
**MSME-Business Incubator**  
**Institution's Innovation Council**

## Career Point University, Hamirpur

*Organizing*

# HACKATHON

*cum*

## EXHIBITION & INDUSTRY ACADEMIA MEET

*(... a step towards विकसित भारत अभियान 2047)*



**February 24-25, 2024**

### Who Can Apply :

- Students (Schools, Colleges, Universities)
- Entrepreneurs
- Communities
- Researchers
- Scientists
- Innovators

### Objectives :

- Encourage cross-disciplinary collaboration
- Inspire entrepreneurial thinking
- Enhance problem-solving and critical thinking skills
- Promote innovation and creativity
- Provide networking opportunities.
- Exhibition opportunities to showcase your technologies.
- Large footfall of Industry

### *Hackathon/Exhibition Themes*

- Ideas for Social Upliftment aligned with CM's Startup Scheme programme, Govt. of H.P. and Govt. of India such as, Make in India, Self-Reliant India, Swachh Bharat, etc.
- Technological Solutions for Problems of Industries related to Pharmaceuticals, Chemical Sciences, IT, Biotechnology, Microbiology, Automation Electronics, Waste Water Management Bio-medical Devices, AI, Software, Textile, Material Science
- Innovative Technologies Developed for Commercialization.
- Machine Learning and Automation
- Human Resource Digitization
- Data Science and Artificial Intelligence

## About Career Point University

Career Point University, Hamirpur (H.P.) established in the small village of Padma Bhushan Sh. Yaspal ji, a hero of India's Freedom Struggle and an Author. He worked with Sardar Bhagat Singh, Sukhdev, Rajguru and had made great contribution to this country as a revolutionary. He had been Commander of Hindustan Socialist Republican Association after the death of Chandershekhar Azad. Govt. of India had issued a postage stamp to honor the centenary celebrations of his birth.

This University is a State Private University, established through State Legislature in year 2012 and is guided by its mandate: Academics, Research, Innovation, and Community Service. It is in the fulfilment of this mandate that this Conference has been organized. Recognizing the fact that there is a large gap in the number of quality Institutes of higher education in rural areas as compared to urban areas and the report of National Knowledge Commission 2006, the legendary Career Point Group, established Career Point University to fill this gap. This University is UGC approved, NAAC Accredited, ARIIA, NIRF-MoE, Govt. of India ranked and is a member of AIU Delhi.

With a humble beginning of 96 students, the University today has 2150 students including 171 Ph.D. students on its roll. During the past 10 years, it has grown both in size and stature and has emerged as an institution of repute in the state of Himachal Pradesh. As of today, the University has 10 Departments and 5 Divisions offering degree courses in 55 branches. Focusing on Research, Innovation & Community Services, University recently established "Technov8 HUB" by bringing the following the three centres at one platform.

■ **Technology Enabling Centre:** The Technology Enabling Centre (TEC) emerges as a significant initiative, established under the auspices of the Department of Science and Technology (DST), Ministry of Science & Technology, Government of India in March 2023. Nestled within the vibrant academic environment of Career Point University in Himachal Pradesh, India, TEC serves as a dynamic hub for fostering technological innovation and advancement. With a mission to bridge the gap between cutting-edge research and practical application, TEC at Career Point University is poised to play a pivotal role in shaping the technological landscape of the region. This collaborative venture between the government, academia and industry underscores a commitment to propel India's scientific competence, providing a dedicated platform for researchers, scholars, and industry experts to converge, exchange ideas, and collectively contribute to the nation's progress in the realm of science and technology. TEC stands as a testament to the transformative power of collaboration, reflecting a shared vision for a technologically empowered future.

■ **Pioneer Incubator:** Serving as a trailblazing incubator and innovation center, it was established on September 27, 2019, through a collaborative effort with the Department of Industry, Government of Himachal Pradesh. This initiative is generously funded by the Chief Minister Start-up/Innovation Projects/New Industries scheme, with a clear focus on fostering the entrepreneurial and managerial development of small and medium enterprises.

■ **MSME - Business Incubator:** MSME- BI is Established in July 2023 under the Ministry of Micro, Small & Medium Enterprises (MoMSME) in collaboration with National Board for Micro, Small & Medium Enterprises, Govt. of India. CPUH is acting as Host Institute, this facet of Technov8 Hub is dedicated to Micro, Small & Medium Enterprises. Its core focus lies in driving the development of enterprises and managerial skills specifically tailored for small and medium-sized businesses, thereby contributing significantly to their sustained growth and success.

## About the Programme

■ **HACKATHON** is designed with the goal of cultivating innovative solutions, serving as a breeding ground for quick thinking and creativity. It goes beyond the conventional boundaries to provide participants with invaluable learning experiences, enabling them to investigate into the realm of new technologies and establish connections with experienced industry professionals. In addition to the intellectual rewards, participants stand a chance to clinch enticing cash prizes. Moreover, the event serves as a gateway for the selection of outstanding ideas, paving the way for potential inclusion in the CPU-Pioneer Incubator and CPU-MSME Business Incubator, offering a unique opportunity for further development and recognition.

■ **EXHIBITION** will provide a platform for technological innovations that

are ready for commercialization/transfer or have been devised to address industry or community challenges within a specific thematic framework. It serves as a dynamic platform, inviting individuals, organizations, and institutions to showcase their technologies, works of innovation, products or groundbreaking ideas. Notably, it goes beyond mere presentations, encouraging participants to openly discuss the challenges they encounter with their developed technologies or products with experts from the industries/institutes. This fosters a collaborative atmosphere, providing a unique space for a diverse audience from various institutes/ industries to engage, learn, and explore the forefront of technological advancements.

■ **INDUSTRY ACADEMIA MEET** will bring together professionals from industry and academia to foster collaboration, exchange knowledge, and explore potential partnerships. This meeting will serve as a platform for networking, sharing insights, and discussing the latest developments in various fields. Industry representatives and academic professionals, including researchers and educators, often come together to bridge the gap between theoretical knowledge and practical application. The Industry Academia Meet will play a crucial role in aligning academic research with industry needs, fostering the exchange of ideas, and enhancing the overall synergy between academic institutions and the industrial world.

## Key Highlights

- ◆ Cash Prizes to Winners of Hackathon
- ◆ Opportunity to Commercialize Developed Technology
- ◆ Networking/Collaboration Opportunities
- ◆ Selected Ideas will be forwarded to CPU-Pioneer Incubator under CM Startups Scheme (sustenance allowance Rs 25,000/- Per Month)
- ◆ Selected Ideas will be forwarded to CPU-MSME Business Incubator under MoMSME, Gol (support upto Rs. 15,00,000/-)

Registration Link : <https://forms.gle/h2Q6B9AQ3UzMo8fV7>

Registration Fee : No fee

Last Date of Registration : 20.02.2024

## Certificates will be Provided to Registered Participants Only

### Patron-in-Chief

**Er. Pramod Maheshwari**  
Chancellor  
CPU, Hamirpur (H.P.)

**Prof. P.L. Gautam**  
Pro - Chancellor  
CPU, Hamirpur (H.P.)

### Patron

**Dr. Sanjeev Kumar Sharma**  
Vice Chancellor  
CPU, Hamirpur (H.P.)

### Coordinators

**Dr. Kuldeep Kumar**  
Coordinator DST-TEC  
CPU Hamirpur (H.P.)

**Dr. Rahul Sharma**  
Nodal Officer, Pioneer Incubator  
CPU Hamirpur (H.P.)

**Dr. Asha Kumari**  
Nodal Officer, MSME-BI  
CPU Hamirpur (H.P.)

### Co-ordinators

**Dr. Gulshan Kumar**  
Associate Director  
Directorate of Community Services  
CPU Hamirpur (H.P.)

**Er. Anshul Thakur**  
Assistant Professor, CSE  
CPU Hamirpur (H.P.)

**Dr. Anjana Devi**  
Associate Professor, Pharmacy  
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CPU Hamirpur (H.P.)

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