



2nd International Conference

ON

“Emerging Scenario of Science, Technology and Innovation-2023” (ESSTI-2023)

Sub-Themes

- ❖ Chemical & Physical Sciences
- ❖ Environmental Sciences
- ❖ Pharmaceutical & Health Sciences
- ❖ Computation & Software in Research
- ❖ Legal Policies & Rights in Research
- ❖ Research Horizons in Mathematics
- ❖ Emerging Technologies in Agriculture
- ❖ Life & Allied Sciences
- ❖ Socio-Economic Impact of Innovation

Organizers

Research Scholars
School of Basic & Applied Sciences

in association with

Centre for Nano-Science and Technology-Career Point University
Hamirpur (H.P.) INDIA

Himalayan Forest Research Institute-Indian Council of Forestry Research and Education
Shimla (H.P.) INDIA
(Ministry of Environment and Forests, Govt. of India)

Institute of Himalayan Bioresource Technology-Council of Scientific & Industrial Research
Palampur (H.P.) INDIA
(Ministry of Science & Technology, Govt. of India)

Indian Grassland and Fodder Research Institute-Indian Council of Agricultural Research
Jhansi (U.P.) INDIA
(Ministry of Agriculture, Govt. of India)

Career Point University
Bhoranj (Tikker-Kharwarian) Hamirpur
Himachal Pradesh-176041, INDIA

(24th - 25th February, 2023)

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ABOUT CAREER POINT UNIVERSITY, HAMIRPUR

Career Point University, Hamirpur (CPUH) is an inspiration of legendary Career Point Group “Gopi-Bai Foundation Trust Kota (Rajasthan). The Career Point University, Hamirpur was established by the Government of Himachal Pradesh vide Act No 12 of 2012 under section 2 (f) of the UGC Act, 1956. This university is NAAC accredited and recognized as a band promising in Atal Ranking of Institution Innovation Achievement (ARIIA 2021) by the Ministry of Education, Government of India. It was inaugurated by Hon’able Chief Minister of Himachal Pradesh on 8 August 2012. The University is empowered by the University Grants Commission (UGC), a statutory body of Government of India, for the award of degrees under Section 22 of the UGC Act 1956. The campus is spread over 30 acres, surrounded with lower Himalayan range falling in Hamirpur district of Himachal Pradesh, India. It was established in 2012 by the Himachal Pradesh State Legislature under "Career Point University Act". The university follows time-tested, internationally acclaimed IIT & IIM based education system. It offers wide range of courses in Engineering and Technology, Computer Application and Information Technology, Basic and Applied Sciences, Pharmaceutical and Health sciences, Business & Management, Vocational and Legal Studies. The motto of the institution is to nurture youth by inculcating the innovative and valuable skills that will contribute in the betterment of society and nation.

VISION OF THE UNIVERSITY

University is to be a premier educational institute for graduate, post graduate studies and research activities by educating leaders of the future and to promote global competitiveness by providing multiple opportunities for excellent education, applied research, academic innovation and service to the humanity that gives prime focus on “*Become Sensitive towards the society*”. Directorate of Community Service, Directorate of Research & Industry Co-operation, CPU-PSI Centre for Traditional Medicine & Yoga and Pioneer Incubation for Innovation, Skill Development & Entrepreneurship of the University are working in coordination with the village communities, round the year to fulfil the stated responsibility. Students are motivated to engage actively in the community service. The University has flexible academic ICT enabled learning system, value added courses with focus on basic research, innovations, technology exchange and extension activities that aim towards the upliftment of the society. We are sincerely striving to produce employable youth and leaders by inculcating the right skills at the right time.

ABOUT THE CONFERENCE

Emerging scenario of Science, Technology and Innovation with respect to basic and applied sciences is growing day by day. The advancement in the field of sciences has led towards the betterment of different sectors including health, agriculture and industry. The IT sector dealing with the high computing and data analysis is also contributing a lot with context to the science and technology. In order to ensure sustainable development, informed and scientific choices are required and for this there is need of collaborative efforts among various stakeholders in terms of infrastructure, research and development. The main focus should be for

building capacities on affordable and alternative solutions with regard to the problems of 21st century. This conference is an initiative by the Research Scholars of CPUH to explore and understand the emerging scenarios occurring in the recent development and advancement in the field of science and technology at a global level. The objectives of this conference are:

- To create awareness about the challenges and opportunities in basic & applied sciences
- To facilitate interaction among industries, organizations, researchers and academia
- To explore thrust areas of research with reference to the theme of conference
- To provide a platform to participants to showcase their research.

The expected outcomes of this conference are:

- Exchange of knowledge and collaborations at global level
- Origin of new ideas to develop innovative and cost-effective techniques for the betterment of mankind and society

CALL FOR ABSTRACTS

Participants are requested to submit the abstracts reporting original unpublished research paper and recent developments on the topics related to the conference for “**Oral/Poster Presentation**” only to the Organizing Secretary as an attachment at the email address “conference.org@cpuh.edu.in” MS word Format. The word limit for abstract writing is 250 with a font size of 12 and a font style of Times New Roman on A4 sheet with one inch margin on both sides. Only the presenting author, if registered for the conference, will be awarded a certificate of presentation. All other authors, if registered, will get certificates of participation only.

GUIDELINES FOR ORAL/POSTER PRESENTATIONS

- The presenting slides should not exceed 10. Each presenter will be given a total of 10 minutes for a PPT presentation (7 minutes for Presenting an article and 3 minutes for question answers).
- The participant should prepare the poster in advance and bring it in person. The dimensions of the poster should be 24-inch (length) x 36-inch (width).

AWARDS AND RECOGNITIONS

Best Oral Presentation as well as Best Poster Presentation Awards will be announced during the valedictory session (1st, 2nd and 3rd Position). Authors of all accepted abstracts registered at the conference will be encouraged to submit “**High-Quality Full-Length**” papers for publication. After the evaluation of the oral/poster presentation, the selected “**25 papers**” will be published for the process of publications in the regular issues with “**free of cost**” in the following journals:

- **Nanofabrication** (SCI Journal)
(<https://eaapublishing.org/journals/index.php/nanofab>)
- **Biomaterials and Polymers Horizon** (WOS Journal)
(<https://eaapublishing.org/journals/index.php/bph/about/editrialTeam>)

REGISTRATION

Conference shall be conducted through “**offline mode**” only

Last date for abstract submission: 5th February, 2023

Confirmation of acceptance of Abstract: 10th February, 2023

Last date for registration: 15th February, 2023

REGISTRATION FEE

UG/PG Students: ₹ 500

Research Scholars: ₹ 1000

Faculty/Scientists & Others: ₹ 1500

Industry: ₹ 2500

Foreign: \$ 100 or € 90 or £ 80

ACCOUNT DETAILS

AC/No.: 2993000101041956

IFSC Code: PUNB0299300

Account Holder Name: Chairman Conferences Career Point University

Bank Name: Punjab National Bank, Kharwar

ACCOMMODATION

For accommodation, participants should select the category of accommodations and also mention the accompanying persons with him/her as mentioned in the registration form.

Note: Accommodation charges will be extra besides the registration fee

REGISTRATION LINK:

<https://forms.gle/3FBmPGa55GJcWWGq9>

WHAT'S APP GROUP LINK:

<https://chat.whatsapp.com/Jp7DVbCzEDi41KuK93o396>

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LIST OF TENTATIVE SPEAKERS



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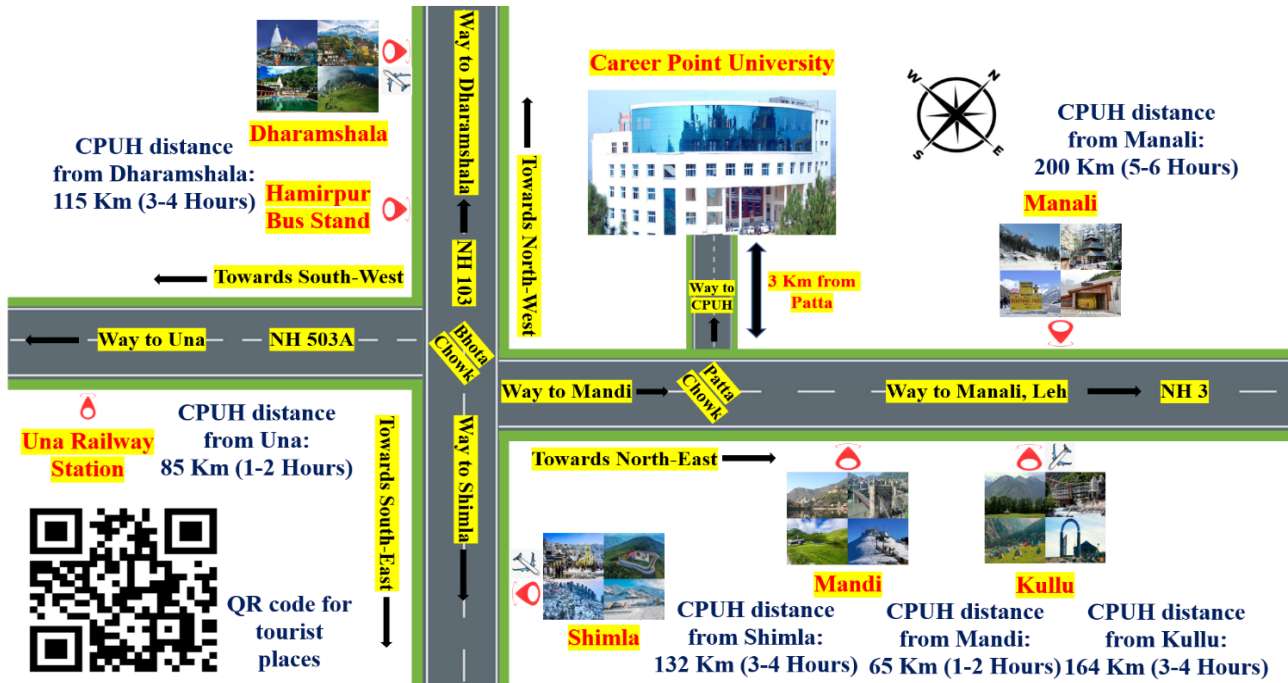


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MAP TO REACH CPUH



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