



IDP-NAHEP Pantnagar Updates

G. B. Pant University of Agriculture & Technology
Pantnagar 263145, Uttarakhand

No. 32
May 2022

Agriculture Minister of Uttarakhand Visited the Virtual Lab

Appreciated the Technological Developments Created by IDP-NAHEP, Pantnagar

On April 18, 2022 Hon'ble Agriculture Minister of Uttarakhand, Shri Ganesh Joshi visited the NAHEP building and the different units created in it by IDP-NAHEP, Pantnagar. He was welcomed by Vice-Chancellor Dr. A.K. Shukla, Dr. S.K. Kashyap, PI, IDP-NAHEP, Pantnagar, members of the Board of Management, Deans, Directors, and faculty members from all across the colleges of the University. During the visit, a university level review meeting was also held in the NAHEP building.

Hon'ble Agriculture Minister, Shri Ganesh Joshi was honoured with a memento by Dr. Shukla. Dr. Kashyap talked about the ongoing activities and achievements of the University. The hon'ble minister was also

apprised about the initiatives and impact of the IDP-NAHEP activities which are running in Pantnagar, about which he was extremely appreciative. After this discussion, the hon'ble minister visited the Pantnagar Museum and virtually toured through a 3D documentary of all the colleges and research facilities at the Virtual Lab in the University Centre. As concluding remarks, Shri Ganesh Joshi said that the scientists here have a significant contribution in making G.B. Pant University of Agriculture and Technology, Pantnagar the country's number one agricultural university. Simultaneously, he stated that scientists must conduct more studies in the field of agriculture to double farmers' revenue in hilly areas.





Photography Exhibition Organized in NAHEP Building

Beneficiaries of Photography Workshop Displayed their Photographs

Resuming back the activities in offline mode, the IDP-NAHEP, Pantnagar organized a five days offline workshop on *Advanced Photography Skills* from March 9-13, 2022. The workshop was conducted by Mr. Rishabh Bametha and Mr. Manu Manohar, professional photographers currently working in NAHEP Component - 2A, G.B. Pant University of Agriculture and Technology, Pantnagar. The workshop started with the welcome address of Dr. S.K. Kashyap, PI, IDP-NAHEP, Pantnagar, wherein he mentioned the need for good camera skills in an individual's life. He briefly discussed his experience with photography and taught some techniques of camera settings for different types of captures. The workshop was focused on providing skills to capture photographs with proper usage of available light, angle, and compositions. Participants were also taught the camera functions, options, settings, and camera handling techniques. To monitor the participant's progress, daily assignments were given to the participants and areas of improvement were also shared after individual evaluation of participant's clicks. Later, a Photography Exhibition was also organized on April 21, 2022 to showcase the photographs captured by the participants in their



assignments. The exhibition was judged by Dr. Kiran Rana, Assistant Professor, Agricultural Communication. A public opinion proposition was also added to evaluate the exhibition and 100 participants voted for their favourite photograph. The exhibition also had the presence of Dr. Tej Partap, Vice-Chancellor, GBPUAT, Pantnagar, and all team members of IDP-NAHEP Pantnagar. All the photographs were given different tags such as ace, platinum, golden, silver, pearl, ruby, etc. according to the marks received from judges and votes from voting ballot. It was a completely hands-on kind of workshop which was highly appreciated by the student beneficiaries and was also significant from academic perspective.

Intense Efforts are Ongoing for the Successful Conduct of Foreign Exchange Programmes

The IDP-NAHEP project has a distinct mandate of providing foreign exposure to undergraduate students through different types of programmes like dual degree programme, international sandwich/twinning programme and international student exchange programme. In this regard, IDP Pantnagar invited applications from 2nd and 3rd year undergraduate students of ICAR accredited courses including B.Sc Agriculture, B.Sc Community Science, B.Sc Fisheries, B.V.Sc and A.H., B.Sc Food Science and Technology, B.Tech Biotechnology and B.Tech. Agricultural Engineering. A total of 148 applications were received from students across the disciplines. A written examination consisting of 100 multiple choice questions was conducted on April 18, 2022 at University Centre - NAHEP Building in which all 148 applicants appeared. Based on the marks of the written examination, a total of 79 students were called for interview round which was conducted on



April 26, 2022. A committee of six members including Registrar: PI, IDP-NAHEP, Pantnagar; Dean, CBSH, Pantnagar; Coordinator, Social Safeguards, IDP-NAHEP, Pantnagar; AO, IDP-NAHEP, Pantnagar; External Expert (Dr. B.B. Singh, Former Head, Department of Agricultural Communication, GBPUAT, Pantnagar) and headed by Hon'ble Vice-Chancellor conducted the interview of students. Efforts are ongoing to finalize the programmes of students as soon as possible.

Interactive Session Organised on Molecular and Structural Perspectives of Cancer and Radiation Biology

The IDP-NAHEP, Pantnagar in collaboration with GUHA Research Conference (GRC 2022) organised an interactive session on *Molecular and Structural Perspectives of Cancer and Radiation Biology* under the Academic Outreach Programme of the conference for university graduates. The session was held on April 21, 2022 at University Centre - NAHEP Building. Dr. Sanjay Kumar, Professor, College of Veterinary and Animal Sciences, Pantnagar welcomed all the experts and participants of the event. During the event, Dr. A.K. Upadhyay, Coordinator, Innovation and Incubation Centre, IDP-NAHEP, Pantnagar was also present.

The interactive session was designed and coordinated by six experts on behalf of GRC 2022. These included Prof. Umesh Varshney (IISc Bangalore, Bhatnagar Fellow, J.C. Bose National Fellow and alumnus of CBSH, Pantnagar), Prof. Sudhanshu Vрати (Executive Director, DBT-RCB, Faridabad), Dr. Gopaljee Jha (Senior Scientist, NIPGR, New Delhi and alumnus of CBSH, Pantnagar), Dr. Sheetal Uppal (Senior Scientist in MBD, BARC, Mumbai), Prof. Hari Misra (Homi Bhabha Fellow, Fulbright-Nehru Senior



Scholar and alumnus of CBSH, Pantnagar) and Dr. Bushra Ateeq (Professor, IIT Kanpur). Out of the six experts, three came to Pantnagar to address the students in the interactive session. The experts gave insights into the harmful effects of high energy radiations (including gamma rays, x-rays, beta particles etc). The experts shared valuable information with students on this critical and contemporary issue. The session was attended by 56 participants from all colleges of the University. Students got an opportunity to expand their knowledge and understanding on this very significant issue of cancer and radiation biology.



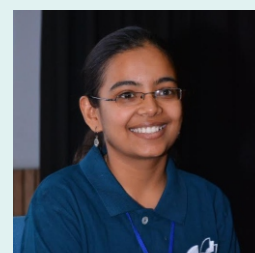
Writing Studio Deliberated on Tenets of Speech Communication

Participants Learned about writing Good Speeches

Speech writing is an important skill, whether you are a student or a professional. Looking into the importance of the topic under the IDP-NAHEP Writing Studio, a workshop on *How to Write an Excellent Speech: Tenets of Speech Communication* was conducted from April 25-29, 2022. The expert of the workshop was Dr. Shweta Gupta, Fellow, IIM Indore and Director, Arohana Management Solutions. In the inaugural session of the workshop, Dean, College of Agriculture and PI, IDP-NAHEP, Pantnagar, Dr. S.K. Kashyap and Nodal Officer (Academic), IDP-NAHEP, Pantnagar, Dr. S.K. Guru were present. Addressing the participants, Dr. Kashyap opined that writing down a speech is important as it helps to better understand the topic, better organize the thoughts, prevent any mistakes in the speech, helps in becoming more comfortable and enhances its overall quality. Dr. S.K. Guru added that coming up with an effective speech can be nerve-racking as one must engage the

audience's attention. But if the basic guidelines and proper speech format are followed, one can easily write a great speech that will leave the audience with something good to think about.

During the workshop, the expert meticulously focused on key points during debate writing, elocution writing and presenting oneself during formal occasions. She also discussed in detail about the procedure of writing speeches step wise. Special attention was given on how to choose appropriate words for different types of verbal communication, depending upon the occasion, the audience type and the emotions that have to be depicted through words. A total of 35 selected students attended this five-day workshop where the sessions were fully hands-on, and assignment based.



Dr. Shweta Gupta
Fellow, IIM, Indore
Director, Arohana Management Solutions

Strengthening the Roots: IDP Pantnagar Organized Quiz Competition on Pantnagar Museum

A quiz competition on Pantnagar Museum was organized by IDP-NAHEP, Pantnagar on April 13, 2022. Pantnagar Museum is an effort to preserve and showcase the history of Pantnagar University. Along with the history of the University, it also serves as a repository of general information which should be known to each University graduate. More than thousand visitors including University students, faculty members, local persons, alumni and delegates from abroad and across the country have visited the Pantnagar Museum.

A total of 40 students participated in the event in which a set of 25 questions were to be answered in a time span of half an hour based on the information displayed in the museum. As soon as the participants were given the question paper, they were led to the Museum and were asked to search for the answers without any communication among the participants. The IDP team monitored the participants and ensured fair participation. The minimum time taken to give maximum right answers was the criteria followed for



the judgement. Ms. Sneha Bisht (B.Tech, third year) secured first position, Ms. Garima Dwivedi (B.Sc Community Science, third year) secured second position and Ms. Palak Chaturvedi (B.Sc Agriculture, third year) secured third place while Ms. Mondeddula Dhuthi (M.Sc Agriculture, second year) received the consolation prize. Events like these have a purpose of inculcating a connect amongst the students for their institutional history. This creates an everlasting bond which ultimately benefits the agricultural education.

Eminent Scientist Dr. B.B. Singh Addressed University Students

Aspects of Evolution and Genesis of Agriculture were Discussed by the Expert

The IDP-NAHEP, Pantnagar in collaboration with College of Agriculture, Pantnagar organized a guest lecture on April 30, 2022. The guest lecture was held in offline mode at Mini Auditorium, College of Agriculture, Pantnagar and was delivered by Dr. B.B. Singh. Dr. Singh is an alumnus of the first batch of B.Sc. Agriculture and Animal Husbandary of Pantnagar University. He is currently working as Visiting Scientist at University of Texas, USA and as Visiting Faculty at College of Agriculture, Patnagar. Under the aegis of the guest lecture, he addressed the students on the topic *Origin of Universe, Evolution of Life and Emergence of Humans, Agriculture, Science and Technology*.

During the event, Dr. Singh discussed about big bang theory, origin of atoms, formation of galaxies and solar systems, evolution of life on earth, origin and domestication of major crops and animals, and new gen agriculture. He explained the emerging changes in the agricultural world from Green Revolution to Gene Revolution. The event received an overwhelming response from the students as well as faculty members of the University. More than 300 participants from



across the University were present to hear the insights and experiences of Dr. Singh. Dr. Singh was accompanied by Dr. J.P. Jaiswal, Professor, Genetics and Plant Breeding, Dr. Salil K. Tewari, Head of Department, Genetics and Plant Breeding and Dr. S. K. Kashyap, Dean, College of Agriculture on the stage. He further expressed that whatsoever little or more that could be done for the college, he is always ready for it because the college, as well as the University, is his alma mater and he owes a lot of credit to the University for whatsoever he has achieved in his life.





Impact Book of IDP-NAHEP, Pantnagar Released by Hon'ble DG ICAR in New Delhi

The IDP-NAHEP, Pantnagar published a book documenting the transformation created by IDP interventions in Pantnagar University in the last two years. The book has been titled as *IDP-NAHEP: A Pragmatic Vision for Innovation in Education, The Case of Pantnagar*. On 12th April, 2022 in the inaugural session of the two days Vice-Chancellors' Conference (held in NASC Complex, New Delhi), the book was released by Dr. Trilochan Mohapatra, Secretary DARE and Director General, ICAR and Dr. R.C. Agrawal, DDG Education and National Director, NAHEP in the auspicious presence of Dr. Tej Partap, Vice-Chancellor, G.B. Pant University of Agriculture and Technology, Pantnagar as well as Vice-Chancellors of all agricultural universities of the country. The book release programme also witnessed the presence of senior officials, ADGs and DDGs of ICAR alongwith the IDP Pantnagar team.

The book describes the impact of IDP-NAHEP activities on the teaching-learning ecosystem, academic performance, skilling level, environmental and social safeguards, etc. In last two years of its existence in Pantnagar, the project has resulted in remarkable and evolutionary reforms and the book elaborates the same in both quantitative and qualitative terms. Aspects such as mass scale skilling programme, remedial classes, foreign language classes, training and workshops, internships, developing entrepreneurial skills, social safeguarding,



IDP-NAHEP: A Pragmatic Vision for Innovation in Education

THE CASE OF PANTNAGAR



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industry alignment, and capacity building programmes, novel initiatives like certificate courses, writing studio, and e-content modules are covered in the book. During the launch ceremony, the IDP Pantnagar team shared a copy of the book with all the Vice-Chancellors, DDGs, ADGs, and ICAR officials present at the event.



IDP-NAHEP: Facilitating an Ecosystem of Skilling and Creative Learning

1. A live session on Pariksha Pe Charcha was held on April 01, 2022 in which around 100 students listened to the words of Hon'ble Prime Minister Shri Narendra Modi Ji from the Virtual Lab created under IDP-NAHEP, Pantnagar Building. The session was also attended by Registrar, Deans and Directors.
2. Under the Certificate and Diploma Course component, an interactive session on the topic *Processing of Spices* was organized by IDP-NAHEP, Pantnagar on April 02, 2022.
3. Under the Certificate and Diploma Course component, a discussion session was held on April 03, 2022 in which the participants got to learn about the techniques of seed processing and storage.
4. Under the Certificate and Diploma Course component, IDP-NAHEP, Pantnagar organized an insightful webinar for the scholars registered under Mushroom Cultivation course on the topic *Management of Insect Pest and Nematodes of Mushroom* on April 04, 2022.
5. Under the Certificate and Diploma Course component, a webinar on the topic *Processing and Handling of Miscellaneous Foods* was conducted on April 11, 2022 in which Dr. S.K. Sharma and Dr. Sabbu Sangeeta, faculty from Department of Food Science and Technology interacted with the participants.
6. Under the Certificate and Diploma Course component, an interactive session on the topic *IPR and Legal Issues in Seed Trade and Entrepreneurship Development* was organized on April 12, 2022 in which Dr. Salil Tewari and Dr. Birendra Prasad, faculty from Department of Genetics and Plant Breeding deliberated and discussed on the topic.
7. Under the Certificate and Diploma Course component, an insightful session the topic *Processing, Preservation and Value Addition of Mushroom* was conducted by IDP-NAHEP, Pantnagar on April 12, 2022 in which Dr. K.P.S. Kushwaha, faculty from Department of Plant Pathology led the session.
8. Mr. Meenakshi Sundaram, Agriculture Secretary, Govt. of Uttarakhand visited the NAHEP Building on April 18, 2022 and attended a meeting with faculty members of the University.
9. IDP-NAHEP, Pantnagar organized a valedictory session on April 22, 2022 for the scholars who completed 3-months Certificate and Diploma Course on Seed Production Technology, Processing of Fruits, Vegetables and Spices and Mushroom Cultivation. The session was attended by around 65 scholars alongwith course instructors of all three courses who took feedback from the participants on their respective learning outcomes.
10. A three-day training programme on Skill to Scale was organized at University Centre - NAHEP Building in collaboration with College of Agriculture, Pantnagar and Partners-in-Prosperty from April 25-27, 2022 in which the University students along with a group of master trainers from different districts of Uttarakhand participated.
11. Under the Certificate and Diploma Course component, Under the Certificate & Diploma Courses being run by IDP-NAHEP Pantnagar, the registered scholars in three courses which were completed last week completed their final assessments. A total of 43 scholars who completed the course successfully, were awarded certificate of completion.





Insight, Intelligence, Inspiration: An Interactive Session with Dr. Tej Partap – the IDP Leader

The IDP-NAHEP, Pantnagar organized an interactive session with Dr. Tej Partap, the outgoing hon'ble Vice-Chancellor of Pantnagar University. The session was held on April 21, 2022 in honour of the contributions made by Dr. Partap. All Deans, Directors, Coordinators, Nodal Officers and Team Members of IDP-NAHEP, Pantnagar were a part of the event.

Internationally acclaimed mountain farming expert, Dr. Pratap belongs to Kullu district of Himachal Pradesh. He joined as the 26th Vice-Chancellor of the prestigious and the first agricultural university in India, G.B. Pant University of Agriculture and Technology, Pantnagar on October 16, 2018. He was also the Project Leader of IDP-NAHEP, Pantnagar and under his leadership and guidance, the project achieved unimaginable targets despite the pandemic situation. Sharing his insights, Dr. Partap reflected that the IDP-NAHEP Project supported quality improvements in higher education in order to create a more skilled workforce that continuously improves the



productivity of key sectors, including agriculture. He added that the project fulfilled the objectives of improving teaching-learning outcomes, student skills and the overall personality development for better employability and meeting industry requirement. He also appreciated the IDP-NAHEP team of Pantnagar, their commitment, dedication and enthusiasm which could lead the University into the next generation of development.



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Keep visiting the University Centre for updates !