



IDP-NAHEP Pantnagar Updates

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

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IDP Hydroponic Units Gets Ready for the Next Season of Crops Indiscriminate Vegetable Cultivation Unit Also Initiated

The hi-tech agribusiness units of hydroponic, aeroponics and plant propagation developed under the aegis of the Innovation and Incubation Centre of IDP-NAHEP, Pantnagar has been a great success in terms of technical and entrepreneurial skill development. The units are completely managed by second year students of B.Sc. Agriculture (Hons.) and after successful first batch of lettuce crops and succulent plants, a new set of crops have been sown in the units. These include red capsicum, yellow capsicum, green capsicum, French beans and cherry tomato along with green leafy lettuce leaves.

Another development in case of agribusiness unit is the setup of Indiscriminate Vegetable Cultivation Unit. To enhance the competency of students in the latest trends of practising agriculture, this new unit has been established in College of Agriculture, Pantnagar. For next six months, IDP-NAHEP Pantnagar along with College of Agriculture has decided to run all the three units together as an enterprise. Students will explore new techniques for plant propagation, cultivate indiscriminate varieties of cucumber and study the cropping patterns in such technologies. A team composed of Dr. V.P. Singh, Professor, Horticulture,



Dr. J. P. Purwar, Associate Professor, Entomology and Dr. Lalil Bhatt, Junior Research Officer, Vegetable Science from College of Agriculture will coordinate with the students in this venture.



Writing Studio Goes Offline: Delightful Learning Experiences Generated

A five-days workshop under the IDP-NAHEP Writing Studio was conducted on the topic *Improving Basic Grammar for Error Free Writing* from May 17-21, 2022. After 12 workshops in online mode, the Writing Studio was finally conducted in offline mode in the Training Hall of University Centre - NAHEP Building. The expert of the workshop was Dr. Shweta Gupta, Fellow, IIM Indore and Director, Arohana Management Solutions Pvt. Ltd., Dehradun.



The workshop was focused towards improving the basics of English grammar and basics of punctuation to avoid ambiguity in writing. The workshop included various learning methodologies and methods like group discussions, role plays, group activities, brief writing exercises etc. to make

learning interesting, so that it is retained for a longer period of time. Personal interaction as well as group interaction was the key feature of the workshop. It is these interaction processes through which the students generated maximum amount of learning. Dean, College of Agriculture and PI, IDP-NAHEP, Pantnagar Dr. S.K. Kashyap actively coordinated the workshop with Dr. Gupta. Home assignments like speaking and writing in English continuously at hostels/home were also given. Students thoroughly enjoyed learning through this workshop and requested IDP-NAHEP to regularly organize such informative as well as practical kind of workshops.



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

Dr. S.K. Guru, Nodal Officer (Academic), IDP-NAHEP, Pantnagar and Dr. V.C. Dhyani, Associate Professor, Agronomy and Staff Counsellor, Agriculture Society, Pantnagar were also present during the closing ceremony of the workshop. Dr. Guru appreciated the diligence of the participants. A total of 80 undergraduate students attended the workshop who gave overwhelming response for the workshop.



Interactive Session Organized on How to Emerge Emotionally Strong PI, IDP-NAHEP Leads the Session on Much Needed Aspect of Emotional Strength

Emotional strength is a significant aspect of one's personality. It is the ability of a person to cope with both positive and negative emotions, which includes your awareness of them. Emotionally strong people have good coping mechanisms for negative emotions, and they also do better in their careers. An interactive session on the topic *How to Emerge Emotionally Strong* was organized on May 16, 2022 by IDP-NAHEP Pantnagar. The session was led by Dr. S.K. Kashyap, Dean, College of Agriculture and PI, IDP-NAHEP, Pantnagar. The session focused on the personality development of students by giving an insight on the factors leading to emotional outburst in a person and how to minimize the effect created by it.

The session was conducted at NAHEP Building which was attended by undergraduate students of the University. Elaborating on various factors which lead to outbreak of emotions in personal and professional life, Dr. Kashyap focused on some key points including minimizing f(x) i.e. factors of outburst, identifying triggers, chewing the bitterness, being too rigid and self-refusal syndrome which if identified among oneself and practiced accordingly can help a person in getting emotional consistency in life. The concept of forgive and forget was one of the highlighted principles which helps in building up a strong



personality, he added. It was a delightful session, where students could relate themselves to the situations as put up during the session. Dr. Kashyap sorted various queries of students which were indeed genuine concerns related to emotional strength. It is indeed necessary that students in higher education institutes are not merely nurtured with technical knowledge but also with life skills. The life skills actually help them sail through the journey of personal and professional life with excellence and dignity. Sessions such as these are extremely important and IDP-NAHEP, Pantnagar ensures that students are provided holistic opportunities for development.

Poster Making Competition Held at IDP-NAHEP, Pantnagar for Better Learning of French Language

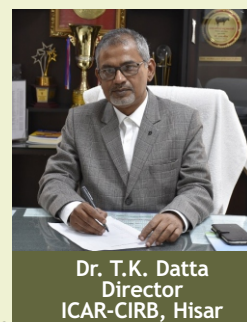
A poster making event was organized by the Language Lab Component of IDP-NAHEP, Pantnagar on May 18, 2022. French A1 level students participated in this event where each student chose a famous French celebrity of different domains such as music, cinema, sports, politics, etc. They wrote a few lines of the introduction of the great personalities like Napoleon Bonaparte (French Military Leader), Antoine Griezmann (French Footballer), Eva Green (French Actress), Tintin (Belgian Cartoon Character), and many more. This event helped the students in understanding how to introduce someone in French and write a few sentences in French about someone. Students used poster colours, crayons, and brushes to showcase their art and talent.



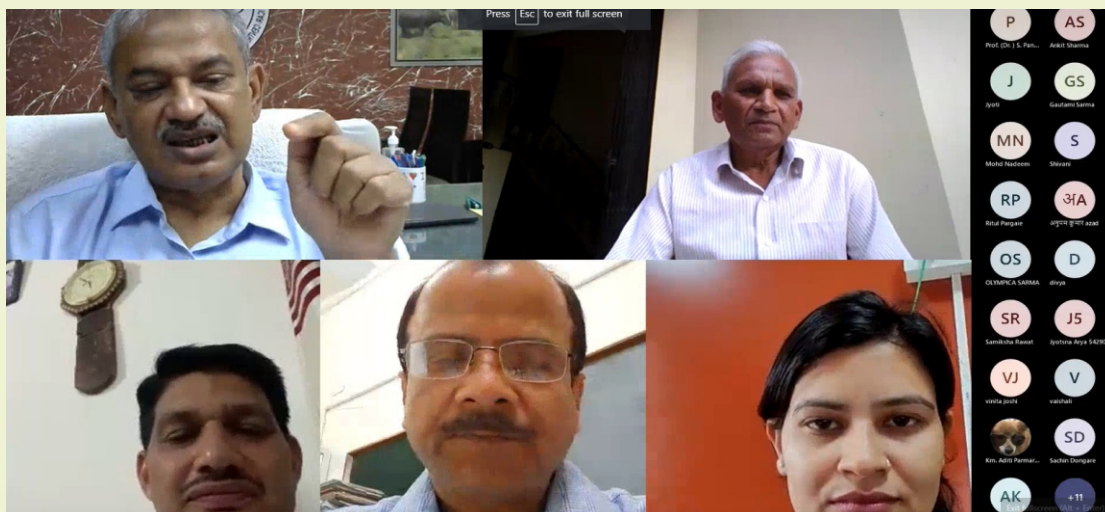
Online Guest Lecture Delivered by Director of ICAR-CIRB, Hisar

To make the students aware about the advancements in important aspects of veterinary sciences, an insightful guest lecture on the topic *Looking at Spermatozoa beyond Motility* was organized on May 26, 2022 by IDP-NAHEP Pantnagar. The lecture was delivered by Dr. T.K. Datta, Director ICAR- Central Institute for Research on Buffaloes, Hisar (Haryana). The expert generated insights on how the production quality and parameters of livestock products are kept at topmost priority by the research community. He gave an overview of advances in freezing semen, maintaining mobility, identification of binding and helping protein for sperm and other aspects of managing sperm quality and mobility. The session was coordinated by Dr. Sanjay Kumar, Coordinator, Industry Collaboration, IDP-

NAHEP Pantnagar. The participants comprised both undergraduate as well postgraduate students along with the faculty members of College of Veterinary and Animal Sciences, Pantnagar. Towards the end of the session, the participants quenched their curiosity by asking questions to the expert related to the topic and other aligned aspects. Dr. S.K. Guru, Nodal Officer (Academic), IDP-NAHEP, Pantnagar delivered the vote of thanks and expressed gratitude to Dr. Datta for his valuable insights and guidance. The lecture was indeed informative and was appreciated by all the participants.



Dr. T.K. Datta
Director
ICAR-CIRB, Hisar



Interactive Session Held on OER for Students

Although a vast ocean of information is now available at the fingertips of students, but verifying true and accurate information has become a new challenge in academic scenario. In this regard, an interactive session was held under the Academic Component of IDP-NAHEP Pantnagar on May 25, 2022. The topic of the interactive session was *Open Educational Resources in Agriculture and Allied Sciences*. Dr. Basavaprabhu Jirli, Professor, Banaras Hindu University, Varanasi was the keynote speaker for the interactive session. During the session, Dr. S.K. Guru, Nodal Officer (Academic), IDP-NAHEP, Pantnagar stated that an important component of student success is having access to good quality course materials and digitalization has helped everybody to fetch good quality

material from the online available sea of knowledge. The session was attended by undergraduate students and they got an overview about the difference of open and free educational resources, importance of creative common licenses, types of open resources for professionals of pure sciences as well as agricultural sciences. The expert focused on agMOOCS and its utility for developing subject and technical competency amongst undergraduate students. Overall, the interactive session helped the students in building their conceptual understanding of OER and their correct usage .



Dr. Basavaprabhu Jirli,
Professor
Banaras Hindu University, Varanasi

FSSAI Expert Trained the Students on Aspects of Food Safety

Access to sufficient amount of safe and nutritious food is key to sustaining life and promoting good health. Unsafe food containing harmful bacteria, viruses, parasites or chemical substances causes various diseases. Looking into this important aspect, a training was conducted under the Academic Component of IDP-NAHEP Pantnagar on the topic *Food Safety: Knowledge, Attitude and Practices* on May 13, 2022. The speaker of the session was Mr. Prem Sharma, Food Safety Trainer, FSSAI. The training was held in the University Centre - NAHEP Building.

Initiating the training, Dean, College of Agriculture and PI, IDP-NAHEP, Pantnagar Dr. S.K. Kashyap highlighted that food safety is a global

concern that covers a variety of different areas of everyday life. It is essential to apply the proper food safety principles while handling the food in order to stay protected from harmful diseases, he added. Continuing with the training, the expert focused on providing an understanding to the University students on growing concerns about food safety issues, food safety measures to be taken, importance of food safety in manufacturing, and food safety testing. A total of 35 students actively participated in the programme.



IDP-NAHEP, Pantnagar Gives Peek Inside French University through Virtual Tour

French language students of IDP-NAHEP, Pantnagar had an opportunity to have a Virtual Tour of a French University on May 11, 2022. The expert of the session Miss Richa Sharma, MITRA-EMJMD, Université de Lille, France gave the students an insightful view of Lille University and its surroundings. Students got to see the University's infrastructure which included a library building, different colleges (science and technology, mathematics, arts, and social sciences, etc.), a cafeteria, and a metro station. The session started in her studio apartment in the hostel building which had an attached kitchen, washroom, and bathroom. She mentioned that almost every student in France has his/her own personal studio apartment



since the first day of their university studies. It helps them in having an independent life as each one has their own routine depending on their university schedule. Then moving to the ground floor of the hostel building, one could see the laundry machines

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Making Career Choices: Students Guided on the Eternal Dilemma of Job Seekers versus Job Providers

The IDP Pantnagar team is consistently working to hone the entrepreneurial instincts and skills of the undergraduate students of Pantnagar University. Recently, the Innovation and Incubation Centre of IDP-NAHEP, Pantnagar organized an Interactive Session on Dilemma or FOMO: Start-up Vs. Jobs on May 30, 2022. Mr. Sanjeev Kumar, Founder and CEO, Aapka Billion and Trustee, Mithila Mission Trust was the expert of the session. The session started with the welcome remarks of Dr. S. K. Kashyap, PI, IDP-NAHEP, Pantnagar, and Dr. A.K. Upadhyay, Coordinator, Innovation and Incubation Centre, IDP-NAHEP, Pantnagar where they shared their thoughts on the

dilemma faced by students while making decisions about their future. Dr. Kashyap highlighted the issue that agriculture graduates are not trained to be entrepreneurs and also appreciated the recent efforts made by ICAR on how graduates can improve in redefining their careers as an entrepreneur. The expert Mr. Kumar initiated with an ice-breaking story of Bill Gates and Kent Evans and an explanation of the Dilemma and FOMO. The expert further explained about the startups, idea generation, Indian unicorns, status of Indian and agricultural startups, and space to grow in agri-innovations. The expert also discussed employability, placements, the golden rule for beginners at job, and facts about building the right balance sheet. The overall session was based on the pros and cons of startups and jobs and how to plan before choosing a career path. The session was coordinated by Dr. Amit Kesarwani, Project Scientist, IDP-NAHEP, Pantnagar. The event marked the presence of more than 60 students across the University and participants shared that the event gave them insights about making correct decisions for their career.



Mr. Sanjeev Kumar
Founder and CEO, Aapka Billion



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that students themselves have to use and pay for their laundry. Next to it was a common area for the students to study using modern equipment. As France is very caring about the environment, bicycle services are also available for the students to commute within the university premises. Arriving at the main campus area which was ten minutes on foot, the expert entered the modern library building which is also known as the 'University's Documentation Department' (Service commun de documentation - SCD) highlighting how it contributes to the success of the students, supports the researchers, and provides a terrain for experimentation, ceaselessly renewing the ways for its users. As it was a sunny day, many of the students were seen outside in the open area enjoying the sun. Next to the library building, the expert showed the metro station that helps students commute to the different parts of the city from the University area. As a matter of fact, the expert said that France is very

helpful to students and they get many benefits on students' cards. For example, a student can benefit to have 2 litres of milk each week at no cost from the student cafeteria. In addition, they get a good discount on purchasing stationary objects each month. Students also visited a French supermarket to know about the variety of fruits and vegetables produced by the country. A few fruits and vegetables such as pineapples, bananas, kiwis, mangoes, coconuts, tomatoes, etc. were imported from Francophone countries like Madagascar, Ivory Coast, Senegal, Guadeloupe, and many others. Twenty-two students participated in this online virtual visit. Through this tour students got a chance to virtually visit the university, apartments, and superstor of France and they also came across various new words of the French language. Students enthusiastically participated in the tour and communicated with the expert wholeheartedly.

Learning Nuances of Foreign Language through Cartography: A Unique Learning Experience

The French Language students of the Language Lab Component of IDP-NAHEP, Pantnagar participated in Cartography i.e. French Map Making activity organized on May 26, 2022. Fourteen students were divided into two groups and each group drew a geographical map of France. It was interesting to see that the Metropolitan French map looks like a mathematical hexagon figure and sometimes the French newspapers use the term 'L'Hexagone' to represent the country in their press papers. Students highlighted the major water bodies that surround France from three sides: the English Channel on the north, the Atlantic Ocean on the west, and the Mediterranean Sea on the south. Then, they presented 13 French states (régions in French) along with their capitals. It was quite interesting to know that each state has its own flag with a symbolic and historical meaning. In the end, students also drew famous French icons that represented each state's beauty in different domains such as the beautiful monument Eiffel Tower, the Alps and the Pyrenees Mountain ranges, the Wine



and Champagne regions, a variety of cheese, Tour de France cycling race, Cannes Film Festival, Airbus Aeronautics, etc. Students used different stationary objects such as chart papers, colors, pencils, crayons, and water-colors to showcase their art, talent, and creativity. The aim of the activity was to make students aware and learn about the nuances of French language and culture which was well accomplished.

Stalwarts Appreciate the Initiatives of IDP-NAHEP, Pantnagar

Dr. Panjab Singh, Dr. P.L. Gautam and Dr. M.P. Pandey Visited NAHEP Building

Dr. P.L. Gautam, Former Vice-Chancellor of Pantnagar University and Dr. M.P. Pandey, Former Vice-Chancellor, IGKV, Raipur visited NAHEP Building on May 04, 2022. Dr. Gautam interacted with the faculty members who are a part of IDP Pantnagar team. He praised the efforts that have been taken up to enhance the ecosystem of the University and also applauded the vision and determination of Dr. S.K. Kashyap, PI, IDP-NAHEP, Pantnagar.



Dr. Panjab Singh, Former DG, ICAR visited NAHEP Building on May 12, 2022. Dr. Singh and his team had an interaction with IDP Pantnagar team wherein they learnt about the transformational initiatives of IDP-NAHEP, Pantnagar. The interaction was followed by a visit to the Virtual Lab, Faculty Development Centre, Innovation and Incubation Centre established by IDP-NAHEP, Pantnagar. The entire team and Dr. Singh wholeheartedly appreciated the innovative approach of IDP-NAHEP, Pantnagar.





The Main Events of June 2022

S.No.	Event	Proposed Date	Venue	Nodal Unit	Convener
1.	VR Head Set Demonstration	04-06-2022	University Centre - NAHEP Building	Project Team	Dr. S.K. Kashyap, College of Agriculture
2.	Webinar on Career Prospects in Technology Commercialization and Business Incubator Management	08-06-2022	Online	Academic Team	Dr. S.K. Guru, College of Basic Sciences and Humanities
3.	French and Francophone Film Festival	09-06-2022	University Centre - NAHEP Building	Language Lab Team	Dr. Alka Goel, College of Home Science
4.	Interactive Session on It's All About Marketing	10-06-2022	Online	Innovation and Incubation Centre	Dr. A.K. Upadhyay, College of Veterinary and Animal Sciences
5.	VR Head Set Demonstration	11-06-2022	University Centre - NAHEP Building	Project Team	Dr. S.K. Kashyap, College of Agriculture
6.	e-Learning through Kindle Device	13-06-2022	University Centre - NAHEP Building	Project Team	Dr. S.K. Kashyap, College of Agriculture
7.	Webinar on Unlocking Nanoparticles Potential in Plant Stress Management	11-06-2022	Online	Academic Team	Dr. S.K. Guru, College of Basic Sciences and Humanities
8.	Writing Studio Workshop	15-06-2022 to 19-06-2022	University Centre - NAHEP Building	Academic Team	Dr. S.K. Guru, College of Basic Sciences and Humanities

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Keep visiting the University Centre for updates !