



IDP-NAHEP

Pantnagar Updates

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

No. 7
April 2020

Message of IDP Leader, GBPUAT, Pantnagar

Taking the Next Leap towards Digitalization of Education

It is enlightening to see IDP-NAHEP team accepting the challenges after COVID-19 linked lockdown at Pantnagar and working towards nurturing the University faculty members for online teaching. In a spell of three days, two hundred and thirty faculty members were trained to work on online teaching platforms and a system was created to support each faculty on one to one basis to support them in generating the platform, aligning with students, generating online teaching materials, content sharing on online platforms, using multiple teaching methods and keeping records of classes. It was a tremendous task to cater to a huge number of faculty members but it could emerge with a feeling of commitment and dedication for the cause of the students. On the other hand, the scheduled IDP trainings were smoothly shifted to online platforms with experts aligning from all across the country to nurture the students. The agenda of leading the University in new age of teaching-learning was observed to be accomplished through the insightful and skilful interventions of IDP-NAHEP. I wish this endeavour to emerge as a sustained structure of innovations in teaching-learning and entrepreneurial skill development to lead the faculty members and students towards fulfilling the global requirements of quality education and leadership.

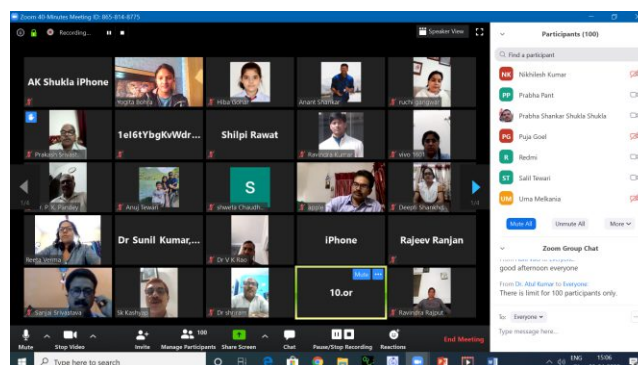



(Tej Partap)

Pantnagar University Embarking into Online Learning

IDP-NAHEP Initiatives Play a Pivotal Role

The COVID-19 pandemic has led towards a lockdown in the country owing to which all educational institutes have been temporarily closed. However, to mitigate the impact of this closure, the IDP-NAHEP, Pantnagar is working on effective possibilities of online learning. Hon'ble Vice-Chancellor, Dr. Tej Partap gave this responsibility of faculty training for using online platforms to Dr. S.K. Kashyap, Dean, College of Agriculture/PI, IDP-NAHEP after which the IDP team explored the possibilities of online platforms for classroom teaching, and conducting webinars, workshops, guest lectures, and trainings for students and teachers. In no time, IDP team organized three consecutive trainings for faculty members, nurturing 230 teachers to use online platforms for teaching. In addition to it, a series of online trainings were thereafter planned by



connecting with experts from the field of technology, agriculture, communication, entrepreneurship, and education. The IDP Pantnagar team thus worked diligently to ensure that the lockdown period is utilized judiciously and even took this period as an opportunity to take the University into the era of digital teaching and learning.



Inauguration of University Centre – IDP Building by National Director NAHEP, Hon'ble Vice-Chancellor and National Coordinator IDP

IDP-NAHEP Pantnagar Website Also Launched

The IDP-NAHEP project is functioning in Pantnagar University from the University Centre building. The foundation stone of this building was laid by Dr. Mangala Rai, former Director General, ICAR, during his tenure as Vice-Chancellor of Pantnagar University. IDP-NAHEP initiated its working from the building premises and the building renovation works began. The building was thus formally inaugurated on March 14, 2020 by Dr. R.C. Agrawal, National Director, NAHEP (National Agricultural Higher Education Project) in presence of Dr. Tej Partap, Hon'ble Vice-Chancellor, Pantnagar University, Dr. P. Ramasundaram, National Coordinator, IDP (Institutional Development Plan), Shri Sudhir Chadha, Member, Board of Management,

instrumental in this. Adding to it, Shri Sudhir Chadha suggested that the project offers immense opportunities, therefore solutions should be proposed to meet the developmental needs of the state through this project. Also, the faculty coordinators of IDP-NAHEP, Pantnagar gave an orientation of the activities of their respective components and detailed about the progress made in the last six months. Concludingly, Dr. S.K. Kashyap, described that how this University Centre - IDP Building is emerging as a testimony of advancement in teaching-learning practices. The various components that the building houses have been conceptualized to strengthen technology-based infrastructure, generate innovation



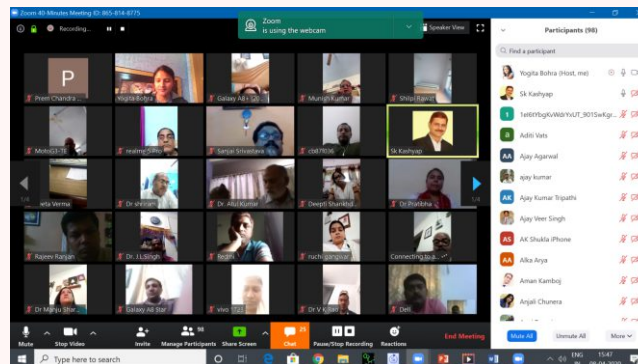
GBPUAT, Pantnagar, Dr. S.K. Kashyap, PI, IDP-NAHEP, other faculty coordinators of IDP-NAHEP, Pantnagar, and deans, directors, faculty members, and students of Pantnagar University. Further, a dedicated website of IDP-NAHEP, Pantnagar was also launched which has been designed to propagate and streamline its various activities and events. The website link is www.idppantnagar.in.

The inauguration event was marked by words from the esteemed guests. Both Dr. R.C. Agrawal and Dr. P. Ramasundaram praised the efforts and toil taken by the IDP team and stated that Pantnagar is among the leading agricultural university in executing the mandates of NAHEP, and they hope that NAHEP association with Pantnagar would add new dimensions to the achievements of agricultural education development. Speaking on the occasion, hon'ble Vice-Chancellor Dr. Tej Partap raised his high hopes from Pantnagar in emerging as a role model, and how IDP-NAHEP project would be extremely

ecosystem, and improve multi-disciplinary and multi-institution collaborations. The outer premises of the ground floor include a floral garden and an amphitheatre, while the inner premises have a reception unit, industry collaboration facilitation unit, international exchange programmes facilitation unit, open library, student run food outlet, and well-equipped conference hall. The first floor of the building has innovation cum incubation centre (with working space for 10 teams of student incubatees), virtual classroom with a seating capacity of 100 individuals, and language laboratory with separate cubicles for German, French, and English language students. The second floor of the building is the IDP office and project monitoring and evaluation cell with seating space for all officials and staff, along with a committee room, a meeting room, and a training room. Though some components of the building have been fully developed, some are still under construction and renovation.

IDP Pantnagar Organized First Online Workshop on Self-Management

In its pursuit of promoting online learning, IDP-NAHEP, Pantnagar organized its first ever online workshop on Self-Management for a Better Career. The workshop was facilitated by Dr. S.K. Kashyap, PI, IDP-NAHEP, and Dean, College of Agriculture along with Dr. Yogita Bohra, Post-Doctoral Fellow (PDF), IDP-NAHEP, with support from Dr. S.K. Guru, Nodal Officer (Academic) and the entire team of PDFs of IDP-NAHEP, Pantnagar. The workshop aimed to intrigue the students about self-management and its significance for shaping a better career. Through this intervention, the students were not only brainstormed for self-management perspectives but were also apprised with online learning platforms and ease of their usage for regular classroom sessions in times to come. Both Dr. S.K. Guru and Dr. S.K. Kashyap urged the students to attend the workshop in a participatory manner in order to derive maximum benefits out of it. The workshop focused on understanding the concept of Self and Management, and how the two need to be aligned to conceptualize personal definitions and core insights of Self-Management. This idea of self-management was thus linked to making career related decisions and generating a strategy for achieving career goals. The workshop was organised in a participatory and self-revealing mode and throughout the workshop, students participated enthusiastically in the



discussions and raised their queries. The varied facilitative tools of the online Zoom platform such as chat box, raise hand, and share screen were utilized during this online session, and it enhanced the overall online learn experience. The workshop concluded with significant feedback and revelations from the participants. Moreover, the participants expressed their conviction to strategize their plans in a more focused way to achieve short term and long term goals for career excellence. On an encouraging note, the students demanded more of such workshops and sessions to be conducted regularly and assured their participation, thus it also paved a way to begin with regular online classes for University students in accordance with different academic courses. The insights and ideas of the participants were compiled to summarise the essence of the workshop.

Statue of Pandit Govind Ballabh Pant Established in University Centre Premises

Floral Tribute to be Given on a Daily Basis

The Uttar Pradesh Agricultural University was rechristened as Govind Ballabh Pant University of Agriculture and Technology in 1972 owing to the contributions of Pandit Govind Ballabh Pant. In memory of Pandit Govind Ballabh Pant, the University then placed a statue of him in a park near the University main entrance gate. The statue was recently placed in the lawns of University Centre - IDP Building and the establishment ceremony took place on March 14, 2020. Hon'ble Vice-Chancellor, GBPUAT, Pantnagar, Dr. Tej Partap, initiated the ceremony by garlanding the statue and paying floral tribute, along with National Director, NAHEP, Dr. R.C. Agrawal, National Coordinator, IDP, Dr. P. Ramasundaram, and deans, directors, faculty members, staff, and



students of the University. It has been decided that the statue of Pandit Govind Ballabh Pant shall be given floral tribute on a regular basis.

Workshop on Entrepreneurial Soft Skills Organized in Collaboration with NAARM, Hyderabad

Entrepreneurship is one of the emerging employment avenues for young graduates of agriculture and allied sciences and IDP-NAHEP, Pantnagar has been proactively taking various initiatives in this direction. Continuing the efforts, a one-day workshop on Development of Soft Skills for Entrepreneurship Among Agri-Graduates was organized on March 1, 2020 by the academic team under the guidance of Dr. Ranjan Srivastava, Professor and Head, Department of Horticulture. The purpose of the workshop was to sensitize the young agri-graduates regarding the importance of soft skills and how they can be used to convey ideas and messages in an effective manner. The workshop resource persons included Dr. Ranjan Srivastava, Dr. S.K. Kashyap (PI, IDP-NAHEP), Mr. Gurmeet Singh (renowned agri-entrepreneur) and

his 20 years of personal journey of emerging as a successful agri-entrepreneur. He interacted with the participants and took on their individual queries. He also brainstormed the business ideas of the participants and discussed with them the aspect of market survey and analysis, problem identification, feasibility-scalability analysis and formation of a business model. Mr. Singh added that being a graduate in agriculture sciences we need to discuss the potential problems faced by the farmers and then need to introspect as to how those problems can be converted into lucrative business opportunities. The final session of the one workshop was conducted by Ms. Shweta Gupta. She covered the aspect of professional writing skills and did a hands-on session, where participants learnt how to design and write a biographical sketch.



Ms. Shweta Gupta (Fellow, IIM Indore and alumnus of GBPUAT, Pantnagar). Dr. Ranjan Srivastava initiated the workshop and discussed that skills are necessary to build a lucrative professional career and in context of entrepreneurship, we need a special focus on soft skills, apart from the technical knowledge. Several activities were conducted to make the participants think, reflect, and introspect their level of skills. Dr. S.K. Kashyap further talked about the elements of communication that are important for an entrepreneur. He detailed on the aspects of message treatment, message designing, and message delivery and explained that communication is an art reflecting an individual's spoken and unspoken thoughts, and thus can serve as a window to develop and generate effectiveness in higher level professional deliberations. Thereafter, Mr. Gurmeet Singh, shared



The workshop was attended by 100 participants from across all colleges of the University and was appreciated for its unique format. In the valedictory session, Dr. K. P. Raverkar, Dean, Post Graduate Studies gave the closing address. He stated that in the present context of economic and technological swings, we must focus on developing both our knowledge and skills, because that ultimately will help us in evolving as true professionals. He also praised the efforts of the IDP team, in providing holistic growth and development opportunities to University students. The workshop concluded with a vote of thanks by Dr. S.K. Guru, Nodal Officer (Academic) who ensured that the IDP team shall continue with more such workshops as well as many other events and activities for student growth and development.

21 Hours Training on Food Quality Assurance Organized, Certified Food Auditors Trained the Participants

G.B. Pant University of Agriculture and Technology, Pantnagar has always strived to contribute to ensure food security in the country. The University has always been strengthening its infrastructure and skilling its faculty members and students to contribute further as per the requirements of the nation. Even the efforts of IDP-NAHEP are aligned towards this broader goal of the University. Working towards the same, a 21-hours training was organized on Quality Assurance in Food Products from March 14-16, 2020. The training experts were Mr. Siyaram Tiwari, Managing Director, Indepth Management India Private Limited, Mumbai and Mr. Manoj Kumar Singh, Director (Technical), Indepth



Management India Private Limited, Delhi Branch. Mr. Siyaram Tiwari is also an alumnus of Pantnagar University. Both the experts have an experience of working in renowned national and international organizations. Being into the food industry for more than 20 years, they jointly briefed the participants on various aspects of quality assurance in the different kinds of food that are being consumed in the present times. They further discussed about related agricultural practices, manufacturing practices, laboratory practices, food regulations and laws, food sensory and sampling, food safety and fraud practices. They also elaborated on the complex and comprehensive regulations governing the food industry in Indian as well as in the international market. The trainers pooled their experience to make the participants understand the working pattern of laboratories and food factories, their certification procedures and auditing activities. During the interactive session with the experts, the participants

mostly asked questions related to expectations of the food industry from their employees in terms of skill-set and other necessary standard procedures of certifications and standards.

During the closure session of the three days training, the participants shared their feedback and appreciated the trainers for the insights provided. The participants even suggested that they learnt a lot about the various possibilities of pursuing a career in the food industry. This training was coordinated by the academic team of IDP including Dr. U.C. Lohani, Dr. Shefali Massey, Dr. Ashutosh Mishra, and was led by Dr. Vipul Gupta. The valedictory talk was given by Dr. Sandeep



Arora, Dean, College of Basic Sciences and Humanities, Pantnagar. He applauded the efforts of the coordinators and the participating students for their learning enthusiasm. He emphasized on the importance of such trainings, as they provide more industry oriented exposure to the students. Further, talking about the relevance of skill-based trainings, Dr. S.K. Kashyap, PI, IDP-NAHEP said that such training efforts are a constant exercise under the project, and thus he encouraged the students to suggest the IDP team about different contemporary training topics as per their discipline specific requirements. Concludingly, Dr. S.K. Guru, Nodal Officer (Academic), praised the efforts of Dr. Vipul Gupta, Project Scientist, IDP-NAHEP, for efficiently coordinating the training and stated that food industry is one of the emerging sectors of employment for agri-graduates and hence, such trainings provide first-hand experience to the participants which is essential for skill development of students.

Online Guest Lecture on IT Architecture and Innovation With ACM Distinguished Scientist as Expert

In the series of online workshops/trainings/guest lectures/webinars by IDP-NAHEP, Pantnagar, a Guest Lecture was organized on March 31, 2020. The lecture was delivered by Dr. Mukesh Mohania, Professor, Computer Science Engineering, Indraprastha Institute of Information Technology, Delhi. He basically discussed about ideation and innovation in the domain of information technology. He suggested that an idea should essentially have three key features, i.e. it should not be trivial, but substantial; it should be feasible to implement; and it should have a business value. Furthermore, he discussed the

impact of documentation, cross-domain fertilization and proof of concept in generating a new product, and suggested the importance of brainstorming and critical thinking in the process of idea generation. He also shared few examples of some great ideas and his personal patents. He took several questions from the participants and gave an opportunity to students to reflect on their processes of idea generation. Overall, the session was highly appreciated by the participants as they not only learnt about ideation in IT, but also about the overall concept of ideation and its link with innovation and business.

Brief Profile of Dr. Mukesh Mohania

Dr. Mukesh Mohania is currently working as a Professor in the Department of Computer Science Engineering, IIIT Delhi. He is an alumnus of College of Technology, GBPUAT, Pantnagar. He worked as a faculty in University of South Australia, Australia and Western Michigan University, USA and has an experience of more than two decades in IT architecture and innovation, information integration, big data analytics, block chain management and other computing fields. He has also worked with IBM Research Development in India and Australia in various technical and managerial leadership roles. He has also been applauded as the IBM Distinguished Engineer and Master Inventor. He is an ACM Distinguished Scientist, a recipient of ACM Outstanding Service Award, and an IEEE Meritorious Award.



Guest Lecture on Hone Your Entrepreneurial Skills Organized by IDP-NAHEP Pantnagar

Learning has no boundaries, and IDP-NAHEP, Pantnagar attempts to provide learning opportunities to University students from across the world by connecting with academicians and practitioners from leading institutes and

The session was led by Dr. Neelam Yadava, who is teaching in the School of Rural Development at Tata Institute of Social Sciences (TISS), Mumbai since last one decade. She is also an alumnus of Pantnagar University and has worked with in the Indian Council of



organizations. Till date, several guest lectures of such experienced and learned individuals have been organized, and on March 14, 2020 another such guest lecture was held on Hone Your Entrepreneurial Skills.

Agricultural Research Project of NAIP in North West Himalayas. With her vast experience in rural entrepreneurship, she initiated the talk by precisely

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The Main Events of April 2020

S. No.	Event	Proposed Date	Venue	Nodal Unit	Convener
1.	Online Training on Online Learning for Faculty by QASPIR, UK and AIU, India	01-04-2020 to 03-4-2020	Online	Academic Team	Dr. S.K. Guru, College of Basic Sciences and Humanities
2.	Online Guest Lecture on Digital Transformation and Trends in IT Industry by Mr. Vikas Kumar	02-04-2020	Online	Academic Team	Dr. S.K. Guru, College of Basic Sciences and Humanities
3.	Online Guest Lecture on Opportunities in Civil Engineering and Infrastructure Innovations Mr. Ashutosh Gautam	03-04-2020	Online	Academic Team	Dr. S.K. Guru, College of Basic Sciences and Humanities
4.	Online Workshop on How to Become 21st Century Industry Ready Graduate	06-04-2020	Online	Academic Team	Dr. S.K. Guru, College of Basic Sciences and Humanities
5.	Online Guest Lecture on Nutrient Deficiencies in Crops and Their Management by Dr. Sanjay Naithani	11-04-2020	Online	Academic Team	Dr. S.K. Guru, College of Basic Sciences and Humanities
6.	Online Training on Online Teaching Skills	07-04-2020 to 09-04-2020	Online	Project Team	Dr. S.K. Kashyap, College of Agriculture
7.	Series of Skill Development Training Programmes	Third-Fourth Week of April	Online	Academic Team	Dr. S.K. Guru, College of Basic Sciences and Humanities
8.	Series of Online Teaching-Learning Skills Training Programmes	Third-Fourth Week of April	Online	Project Team	Dr. S.K. Kashyap, College of Agriculture

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discussing the concept of entrepreneurship and entrepreneur, changing scenario of manufacturing and services sector, entrepreneurship development process, entrepreneurial ecosystem and the initiatives as well as institutions of the government supporting entrepreneurship. She sensitized the participants on 14 most crucial stages of enterprise development with the help of an activity. Then, she highlighted the role of geography and regional characteristics while pursuing any entrepreneurial activity, and took the example of Uttarakhand state. She further emphasized that being agri-graduates we need to explore the problems that can be converted into opportunities for sustaining the hill economy, keeping in mind the developmental concerns of the state. She also oriented the participants on

various agriculture-based web portals and other online mediums that are important to know while working in the development sector, and which are vital to restructuring the existing economy of the state and ensuring livelihood security. The talk was followed by a question-answer session wherein students raised their queries related to rural marketing, challenges associated with working in rural communities, funding options for ventures in rural areas, etc. Towards the end, Dr. Neelam Bhardwaj, Professor and Head, Agricultural Communication and the session coordinator expressed her heartfelt gratitude to the expert and urged all students to have an indepth understanding of the rural development process in order to emerge as successful entrepreneurs in the rural sector.

Self-Sustainability is the Key to Continuous Growth

Dr. S.K. Kashyap

Dean, College of Agriculture/PI, IDP-NAHEP, Pantnagar

Teaching-learning excellence through generating innovation-based ecosystem is one of the mandates of IDP-NAHEP at Pantnagar. It is wonderful to realise that industry collaboration, alumni network and enhancing the innovation-based ecosystem are closely complementary contexts to fulfil the need of teaching-learning excellence. However, it will not only fulfil the academic agenda but also support the self-sustainability concern of the University. The various resources of the University have to be aligned for strategic and productive utilization in order to generate more financial sustainability and lesser dependence on external sources. The industry collaborations, consultancy assignments, commercial production activities, entrepreneurial units, etc. must be planned and executed in a targeted way. Only when resources, resource persons, resource planning, resource management are taken care of through conscious planning and action plan, the concern of self-sustainability can be suitably addressed. Therefore, the various initiatives of IDP-NAHEP have been designed in accordance with the self-sustainability aspect of the University, and the different activities and events are taking place to nurture the University ecosystem in the same direction.



Top Scorers of IDP Golden Points Till March 2020



Yogesh Pandey
ID : 50192
College of Basic Sciences and Humanities
Points Earned : 400



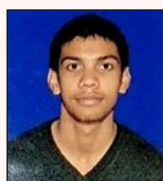
Shaurya Dumka
ID : 49766
College of Veterinary and Animal Sciences
Points Earned : 275



Sarthak Kothiyal
ID : 51662
College of Agriculture
Points Earned : 350



Shruti Kashyap
ID : 51436
College of Agriculture
Points Earned : 275



Chinmay Gupta
ID : 49787
College of Veterinary and Animal Sciences
Points Earned : 275



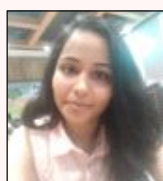
Estuti Joshi
ID : 51463
College of Agriculture
Points Earned : 250



Mohit Singh Bohra
ID : 53038
College of Agriculture
Points Earned : 275



Jayamani Yadav
ID : 51603
College of Home Science
Points Earned : 250



Pranshi Gupta
ID : 51667
College of Home Science
Points Earned : 275



Yanshi
ID : 49758
College of Veterinary and Animal Sciences
Points Earned : 250