

IDP-NAHEP Pantnagar Updates

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

No. 1
October 2019

The IDP Leader Talks



Let's leap into a new era of agricultural education

GB Pant University of Agriculture & Technology, Pantnagar is a legendary University of the country with immense potential. Being the first agricultural University of the country, it has paved the path of higher education in agriculture in early sixties through which, the land grant pattern of education emerged in India. The specialty of the pattern is its integrated model of teaching, research and extension education and in true sense, this is the strength of each agricultural university of the country.

Institutional Development Plan of ICAR under World Bank funded National Agricultural Higher Education Project is an opportunity for Pantnagar to equip the students and faculty members for global competition so that the University emerges as a worldwide leader in agricultural education at all fronts. The University has launched the project with conviction and we are committed to take utmost advantage of the project in all respects. The University has inherited strengths and this project will help us fill the gaps of international exposure and acumen to strengthen the overall academic fervor.

Dr. Tej Partap
Vice-Chancellor

Institutional Development Plan (IDP) under National Agricultural Higher Education Project (NAHEP) initiated at GBPUAT, Pantnagar

IDP sensitization programme was held in Gandhi Auditorium of GB Pant University of Agriculture & Technology, Pantnagar on September 16, 2019 in the presence of Vice-Chancellor Dr. Tej Partap and National Coordinator IDP Dr. P. Ramasundaram. About 800 undergraduate students and faculty members from the entire University participated in the event. The event was marked by the presentations from all the component coordinators of different activities under IDP in which they detailed the advantages that UG students may draw out of those components. It is to emphasize that IDP at GB Pant University of Agriculture



& Technology, Pantnagar has been divided in eight group of activities i.e., academic (students), academic (faculty), innovation and incubation centre, language training, e-content development, agri-informatics, industry collaboration and e-governance for which separate multi-disciplinary teams of faculty members have been formed to undertake the activities on war footing. The Project Monitoring and Evaluation (PME) team of project has been formed separately to undertake the monitoring and evaluation of the project progress on regular basis.

(continued on page 2)



IDP-NAHEP Pantnagar organizes a technical conversation on 'Documenting India's Water and Millet Heritage'

A technical conversation session was organized under the academic segment of IDP-NAHEP Pantnagar on the topic, *Documenting India's Water and Millet Heritage*, in which Mr. Atul Kumar Jain, National General Secretary of Deendayal Research Institute, New Delhi graced the occasion. The session was oriented towards the cultural practices of water conservation in the country and the traditional folk methods to transfer it to next generation which could sustain the water culture in the country for ages. The session was attended by faculty members, students, farmers and traditional folk singers as well.

At the onset, Dr. S.K. Guru, Nodal Officer (Academic) of IDP-NAHEP welcomed the gathering followed by an illustrative description given by Dr. S.K. Kashyap, PI, IDP-NAHEP on the whereabouts of IDP-NAHEP at Pantnagar. Thereafter, Mr. Atul Kumar Jain gave a comprehensive and an insightful deliberation regarding the details of water conservation and water retaining traditions prevailing across the country for thousands of years and connected it with the present-day water conservation researches. He emphasized upon the dire necessity of documentation and promotion of the water culture of the country which prevailed in different ecosystems in multiple forms and ways. He also demonstrated a range of slides showing the ancient water structures of different states which retained the water table and water availability along with moisture



conservation and rain water harvesting.

Many farmers also shared the ways that they follow in this regard and also talked about the traditional ways to retain moisture in fields which are now abandoned with time. They also shared their problems in context of moisture retention in present which has increased the cost of cultivation significantly. The session concluded with a consensus to revisit the ancient water culture of the country and to document the eroding knowledge set so that eco-friendly and sustainable agricultural practices could be preserved, retained, and practiced.

(continued from page 1)

..... Institutional Development Plan (IDP) under National Agricultural Higher Education Project (NAHEP) initiated at GBPUAT, Pantnagar



Dr. P. Ramasundaram, National Coordinator, IDP detailed about the genesis of the project and the

requirements to execute the project successfully and efficiently. He talked in detail about the philosophy and vision of IDP-NAHEP and appreciated the developments made in creating the teams and timelines under each activity. Vice-Chancellor Dr. Tej Partap expressed a hope in the project in upbringing the academic excellence through innovative approaches of faculty and student strengthening which has been put in the project to take the University to next level. Principal Investigator (Coordinator) Dr. S.K. Kashyap, HOD Agricultural Communication confirmed the conviction in carrying all the project activities with full might according to the stipulated timeline so that the project not only accomplishes the indicators of performance but carries the whole university towards new insight of excellence in the forthcoming years. Co-PI Dr. Ajeet Nain gave the vote of thanks.

21 hours Training on 'Critical Thinking for Innovative Outlook' held under IDP-NAHEP

VC Dr. Tej Partap shared his life vision with participants in Concluding Ceremony

A 21-hours training for UG students of the University on the topic 'Critical Thinking for Innovative Outlook' was organized from September 28, 2019 – October 2, 2019 in IDP headquarters, University Centre, Pantnagar. The training was inaugurated by Vice Chancellor Dr. Tej Partap and Board of Management member Mr. Sudhir Chaddha and the Valedictory Function was addressed by VC Dr. Tej Partap along with Dean Student Welfare (DSW) Dr. Salil Tiwari and PI Dr. S.K. Kashyap. Total 46 students successfully completed the training which was having an objective to inculcate higher-order thinking capability among Pantnagar students.



Many young talents from across the country were aligned as experts in this programme including IIM Raipur Gold Medalist Mr. Pranav Kumar, IIM Indore Fellow and winner of National Youth Leadership Award Ms. Shweta Gupta, expert from innovation-based firm Grey Orange Ms. Rasna Kandpal, and founder of Sri G Naturals Dr. Pooja Shah Joshi.

Speaking on this occasion, Vice-Chancellor Dr. Tej Partap gave an insight about the concept of critical thinking and innovation-based outlook. He shared his experiences from across the world to describe how critical thinking has paved the way towards development. Mr. Sudhir Chaddha sighted examples from his own life to describe how critical thinking and innovative outlook translates into entrepreneurial success. He talked in stretch about the innovation-based firms of the world which changed the consumer behaviour across the world. Ms. Rasna Kandpal aligned the concept of critical thinking with students' success and gave insight of how to

make critical thinking ability as a regular behaviour pattern.

The second day was led by Mr Pranav Kumar, Senior Manager Tata Steel and erstwhile Gold Medalist of IIM Raipur. He provided much-needed insight of critical thinking for leading an innovation-based career. He provided multiple exercises and activities to the students for experiential learning. The impact of his interventions was deep and direct. Students appreciated his session extensively.



The training was also facilitated by Dr. Pooja Shah Joshi, Founder and CEO of Sri G Naturals, an agri-innovation based startup working in Uttarakhand hills. She provided the clues of getting success in any career through innovation and entrepreneurial outlook. Ms. Shweta Gupta from IIM Indore, recipient of National Youth Leadership Award in Yuva Kumbh 2019 from erstwhile Home Minister Sri Rajnath Singh, led the sessions on last two days of the training. She used simulation exercises, games, activities and cases to make students align with their true potentials and capabilities. She drove the passionate participants towards realistic propositions of brighter career.

The training was organized under academic segment of IDP for which Dr. S.K. Guru, Professor Plant Physiology is the Nodal Officer. Speaking on the occasion, Dr. Guru illustrated the calendar of activities for students to be covered under academic component of IDP and asked students to harness advantage of all these

(continued on page 4)

The IDP-NAHEP Pantnagar building emerging as the hub of IDP activities

The centrally located new building of University Centre has been dedicated for the IDP-NAHEP



activities for all practical purposes. The building is being furnished and developed as a model centre of the University to run the PME, the labs, the language classes, the innovation cum incubation centre, the virtual classroom and all other trainings for students. In this brief time period, the building has already been equipped with the facilities to run meetings and students' sessions. It is planned to develop the building as a model green building of the University. Accordingly, the external landscaping and the interior plans are being developed to emerge as energy-efficient and eco-friendly building. The building also includes University Museum and an open-air amphitheatre in the premises.

(continued from page 3)

.....21 hours Training on 'Critical Thinking for Innovative Outlook' held under IDP-NAHEP

VC Dr. Tej Partap shared his life vision with participants in Concluding Ceremony

activities upto the fullest. Dr. S.K. Kashyap, PI of the project appreciated the initiatives of academic team in organizing this activity and said that it is really a pleasure to work with multi-disciplinary teams under this project which is bringing wonderful synergy and complementarity. Vice-Chancellor Dr. Tej Partap awarded the certificates to the training participants.

Some feedback of the participants:

All the feedback were overwhelming and encouraging. Few of them are as follows:

Jaymani Yadav, Id. No. 51603: I could understand the importance of micro planning and connecting critical thinking in all segments of my work. The resource persons were amazing and inspiring, the organizing team's efforts were excellent.

Mansi Upadhyay, Id. No. 50214: The trainers were very good and I hope that this project will provide many more similar useful opportunities to University students. I was inspired to think in creative and analytical way and also understood the importance of making the right choices.

Shubham Singh, Id. No. 53734: I learnt how to design our roles in life by going beyond the designated roles. The



trainers were great and my expectations for the next training has enhanced manifold.

Mohit Singh Bohra, Id. No. 53038: The trainers utilized wonderful combinations of activities and learning materials. The experience sharing after each session was very insightful. I understood the importance of short term goals in our life and even learnt certain problem solving and decision making techniques.

The Main Events of October, 2019

S. No.	Event	Proposed Date	Venue	Nodal Unit	Convener
1	Benchmark survey among UG students	12-10-2019 onwards	All the colleges	PME Cell	Dr. K. Raverkar, College of Agriculture
2	Awareness session for IDP French, German and English Language Classes For whom: All UG students of the University interested in Language classes Visiting Expert: Dr. Naresh Thapliyal, Amity University, Noida	11-10-2019	IDP Office, University Centre, 2 nd Floor	Language Lab Team Enroll for participation: nahep.idp.pantnagar@gmail.com	Dr. Alka Goyal, College of Home Science
3	An introduction to e-content development For whom: All faculty members Visiting Expert: Dr. B. Jirli, Professor, Agricultural Institute, BHU, Varanasi	12-10-2019	Conference Hall, College of Agriculture	e-Content Development Team	Dr. Anita Rani, College of Home Science
4	Inauguration of 1 st Batch of Language Classes	14-10-2019	IDP Office, University Centre 2 nd Floor	Language Lab Team Enroll for participation: nahep.idp.pantnagar@gmail.com	Dr. Alka Goyal, College of Home Science
5	Soft Skill Training on Communication Skills Visiting Expert: Mr Ramanuj Mishra, CEO, Cinque Education and Consultancy	25-10-2019 to 28-10-2019	IDP Office, University Centre 2 nd Floor	Academic Team Enroll for participation: nahep.idp.pantnagar@gmail.com	Dr. S. K. Guru, College of Basic Sciences and Humanities
6	Remedial Classes for Weaker Students	15-10-2019 onwards	Respective Colleges	Willing Course Instructors	College Coordinators of Academic team of IDP
7	Innovation Idea Contest for IDP Building	Upto 15-11-2019	-	Innovation cum Incubation Cell	Dr. A.K. Upadhyay, College of Veterinary and Animal Sciences

NAHEP-IDP target at GBPUAT, Pantnagar

For Students

- **International Twinning/Sandwich Programme:** For providing international exposure to students and enhance value of degree through twinning and sandwich arrangement of one semester. Few students will be selected for it through written competition and language test.
- **International Dual Degree Programme:** For providing international exposure to students and two simultaneous degrees (one national and other international) through international collaboration. Few students will qualify for this programme through written competition and language test.
- **Student Internship Programme in Industry:** To provide real world industrial insights to students for enhanced skills and entrepreneurship.
- **International Student Exchange:** To provide global exposure to students for enhancing innovative and entrepreneurial acumen. Few students will qualify for this programme through written competition and language test.
- **Remedial Classes:** Strengthening of weaker students through special training and mentoring for achieving overall academic excellence.
- **Virtual Laboratory:** Direct interaction with foreign experts, researchers on emerging issues, niche areas and future prospects through virtual classrooms. It will also facilitate students to take classes from any remote point in virtual mode.
- **Interactive Sessions for Students with Industry and Academia:** To develop entrepreneurship and other skills among students to emerge market-ready.
- **Industry Mentorship Programme:** For hardening of entrepreneurship acumen of students in industry setup.
- **Innovation cum Incubation Centre:** Aligning incubatee students to work upon their innovative ideas with full support to develop, align with any industries, experts and market.

- **Certificate, Vocational and Skill Courses:** For generating much-needed vocational skills and entrepreneurship among students, the courses with renowned experts will be organized in the campus as well as in leading institutions in country.
- **Skill and Entrepreneurship Development Programme:** Extensive training on skilling and entrepreneurship development for UG students of all accredited colleges and courses will be organized within the campus as well as in other leading institutions.
- **Language Proficiency Classes:** For enhancing proficiency of students in foreign languages including English, German, French etc. and for overall development of students with support from expert language trainers.

For Faculty members

- **Collaboration:** Opportunity of alignment/tie-up with industry/experts in their disciplines and promoting their visits to Pantnagar to enrich their students.
- **International Faculty Exchange Programme:** For improving the skills and professional competency of faculty through international exposure.
- **National/ International Interactions cum Workshop with Global Experts and Industry Tycoons:** Capacity building of faculty in market-driven advanced technologies by tie-ups with internal and external experts.
- **International Exposure Visits:** To be organized in the emerging areas of cutting edge technologies to enhance the competency of faculty.
- **Short Visits and Seminars:** Opportunity will be there to support faculty members in participating in selected international seminars.

(continued on page 7)

(continued from page 6)

.....NAHEP-IDP target at GBPUAT, Pantnagar

- **e-Content Development Opportunity:** e-Content will be developed in text and video format for which 100 faculty members will be engaged.
- **Virtual Classrooms, e-Conferencing:** Aligning with any expert/institution worldwide for mutual sharing.

Overall Infrastructure Strengthening

- University e-mail id for each faculty and student.
- E-content development system with studio setup.
- Digital classroom set-up for encouraging use of e-contents
- Virtual classroom set-up for interactions with internationally acclaimed experts/institutions.
- Language lab for enhancing proficiency of students in foreign languages and English.
- Artificial intelligence and Big data analytics laboratory for training UG students.
- Robotics in Agriculture lab for training UG students.
- Climate-smart agriculture lab for training UG students.
- Innovation and incubation center
- Strengthening central e-governance system of the University
- Ramps for specially-abled persons
- Green Toilet facility for girls and boys in PCP, CRC, market place and IDF
- Water harvesting structures
- CCTV throughout the campus for campus surveillance and security.
- Water Purifiers
- Fire extinguishers
- Water harvesting structures
- Composting Unit



Join each IDP activity to avail the rare opportunities of self-growth

*Dr. S. K. Kashyap
Professor & Head, Agricultural Communication
PI-IDP-NAHEP, Pantnagar*



The core of success and excellence in present era is knowledge-sharing, cooperation, synergy and coherence. The concept of complementarity among the disciplines is the buzzword of the age. The Institutional Development Plan under NAHEP is a wonderful opportunity to experience that rhythm of coordination, partnership and symbiosis. Each bit of effort under this plan is focused to the strengthening of undergraduate studies and the University aspires to take a leap through this support in new era of exploration.

Our students are talented and focussed. They need exposure and opportunities to prove their mettle. The project expects from them that they will take utmost benefit of all the events and activities of the programme and will empower themselves to emerge as the world leaders of tomorrow. Lets focus to the events prescribed on page 5 and 6 of this newsletter minutely to reach to your choices. Sky has no limit, the prospect is knocking at our door. Lets keep vigilant and vibrant for joining each of the activities of this programme for long-term growth in our potentials as well as credentials. It is how we shall lead our institution to the top rankings through furthering the quality of education at Pantnagar.

Flagship Programmes of IDP-NAHEP Pantnagar

- Overseas visits for three months and more for international exposure. Notices will come shortly to apply for the programme.
- Virtual reality and augmented reality lab for enhanced learning.
- Innovation cum incubation centre to create innovation-based ecosystem of learning.
- Skill and entrepreneurship development courses on regular basis.
- Frequent lectures of world-renowned stalwarts in different disciplines.

How many IDP Golden points have you earned till date? Many students have crossed 100 points. Keep earning, keep learning.

Participate in any IDP activity and earn IDP golden points worth redeeming for fabulous gifts, mind-blowing sessions, miraculous trips, mouth-streaming dinners..... earn your learning with IDP.

For each registration in any NAHEP event	2 points
For each shortlisting	5 points
Participation and completion of 1 day event	25 points
Participation and completion of 2-3 days event	50 points
Participation and completion of more than 3 days event	75 points
Participation and completion of Package courses (1 month or above)	100 points

Website: <http://www.gbpuat.ac.in/events.html>

Email: nahep.idp.pantnagar@gmail.com

Keep visiting the University Centre for updates !

