



IDP-NAHEP Pantnagar Updates

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


**No. 4
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Message of IDP Leader, GBPUAT, Pantnagar

Continuing the Culture of Commitment to Enhance Capability and Performance

Pantnagar is committed to live this profusely demanding experiment with utmost dedication to reap maximum benefit of this opportunity in favour of the brilliant students and faculty members. Through this opportunity of IDP-NAHEP, Pantnagar, we intend to enhance the level of capability and performance to the next level. Pantnagar has designed the efforts with an insight to bring certain system reforms in favour of academic vibrance and vitality. The efforts made by the project team is tremendous because the project has crossed first quarter. The classes, the teaching-learning quality, the research agenda, the outreach efforts, the punctuality and the stretching to meet self-designed targets make the worth of Pantnagar. The time span is short and the promises are demanding. It spreads to higher order concerns of learning so that our graduates meet the requirements of global standards. It stretches to providing the much-needed overseas exposure which triggers the ambition and imagination of young souls. It also touches to the requirements of adequate ecosystem in any world-class institution. We all hope that IDP-NAHEP will indeed emerge as another milestone in sustaining the Pantnagar culture of commitment.




(Tej Partap)

Distinguished Professor from Iowa State University Guided Pantnagar Students

In the series of skill development efforts of the IDP-NAHEP for undergraduate students in the University, a two-days training was organized from December 13-14, 2019 at IDP building for orienting undergraduate students of the University regarding versatile career opportunities in the field of agriculture. The training initiated with an interaction session of undergraduate students with Dr. Rameshwar S. Kanwar, Distinguished Professor and Department Chair from Iowa State University, USA. Presently, Vice Chancellor of Lovely Professional University, Dr. Kanwar has been an illustrious alumnus of the Pantvarsity and has earned many laurels while being faculty in Iowa State University. Being a renowned hydrologist, Dr.

Kanwar was personally inclined to come to the University and guide the students in context of higher education opportunities at foreign universities.



During his session with the UG students of the University from agriculture, veterinary, engineering disciplines, Dr. Kanwar talked in detail about the prospects and possibilities to gather a foreign fellowship to develop a meritorious career. Taking about his international experiences, he motivated the students to make strategic efforts for higher studies from overseas and generate wide exposure. Responding to the queries of the students in context of job opportunities after bachelor's and master's degree in agriculture and allied sciences, and myths regarding the job prospects of their discipline, Dr. Kanwar stated that in order to move towards a focussed and brilliant career, one needs to have dedicated and committed actions. He emphatically stated that if we imagine being a post graduate from universities outside the country, we should be clear in context of what a particular degree from a foreign land will add to our knowledge and skill set and how it will help us in meeting the goals we want to pursue in future, be it a job in either public sector or in the private firm, or one's own business. He further added that even in 21st century, we being in India don't think of going for private sector jobs after pursuing degree in agriculture, whereas outside the country, people are even eagerly going for their own ventures. He emphasised on change in outlook and perspectives as well as the need to think big with optimism.

The training session was also handled by expert, Mr. Vikas Mangal who is serving as Scientist, ICAR-CRIJAF and is a popular educational YouTuber, motivator and orator. Mr. Mangal made an attempt to promote participants to overcome one's fears, weaknesses and hurdles to the participants by

quoting live cases of people via audio and video recordings, who turned their failures into success by their enduring determination. He also provoked the participants to set their goals in a realistic manner and then start working towards them with sincere efforts. The participants of the training expressed that they felt very good after attending the training and hope that the way both the experts have guided them will definitely prove helpful in deciding their future course of action. Dr. Manisha Rani, Nodal Officer, Procurement, IDP-NAHEP shared her remarks for the training with a hope that the benefits of the knowledge gained during two days of intensive training efforts will be reaped by the trainees in near future. Dr. S.K. Kashyap, PI, NAHEP appraised the efforts of both the experts who have been inspirational life example for all students. He further added that such training efforts are meant to help students gather lot of momentum in life and apply the tenets followed by Mr. Kanwar and Mr. Mangal with a conviction for excellence. The participants of the training expressed confidence that by attending this insightful training, they will indeed strategize their career plan in more poised and focused manner with versatile outlook.



Brief Profile of Dr. Rameshwar S. Kanwar

Dr. Rameshwar S. Kanwar served as Professor and Chair of the Agricultural and Biosystems Engineering Department at Iowa State University, USA for 35 years. He has been awarded with Doctorate Honoris Causa by Trakia University, Stara Zagora, Bulgaria and Georgian State Agrarian University. He is a recipient of John Deere Gold Medal, Engineer of the Year award by American Society of Agricultural and Biological Engineers, Gamma Sigma Delta International Award of Merit by Iowa State University, Award of Honour by Punjab Chapter of Indian Society of Agricultural Engineers, Fellow of American Society of Agricultural and Biological Engineers, Fellow of National Academy of Agricultural Sciences, India, Margaret E. White Graduate Faculty for excellence in graduate student mentoring by Iowa State University, International Service Award of Iowa State University, Excellence in International Agriculture Award, CALS by Iowa State University, Distinguished Service Award by Asian Association for Agricultural Engineering, Outstanding Young Engineering Faculty Research Award by Iowa State University and many more.



Fashion Designer Harshal Mahajan Trained Students on Upgrading Skills for Innovative Start-Ups

Industry Experts Also Undertook Training Sessions on Image Consultancy and Diet Counselling

A 21-hours training on Enhancing Skills for Innovative Start-Ups in Community Sciences was organized by IDP-NAHEP from December 4-9, 2019. The six days training was held in the IDP building premises, and it aimed at upgrading the skill set of the undergraduate students of the University such that they engage in building up innovative ventures. The training was facilitated by experts from the field of fashion designing, image



consultancy and diet counselling, which are closely related avenues associated with community science discipline. Mumbai-based freelance fashion designer and stylist, Mr. Harshal Mahajan covered many aspects which one should keep in mind for pursuing a career in the fashion industry. He himself is a well-known name in the fashion industry for his prestigious projects with Tanishq Jewellers, Kalyan Jewellers, Coca-Cola, Super Dancer and unique styling of Bollywood actresses including Ms. Deepika Padukone, Ms. Kangana Ranaut, Ms. Sonakshi Sinha, Ms. Genelia D'Souza, and many others. He specifically mentioned, that if one wishes to emerge as a designer in the film industry, one needs to work hard on creativity and must keep experimenting with the aspects of designing, painting, draping, hair styling, make-up, photoshoot, and



choreography. He explained the concept of putting innovations in draping, development of designs, flat patterns and customized dresses to the participants, by showing some glimpses of his work. He even emphasized on generating an attitude of paying attention to the details and intricacies of any work, and described in detail about the significance of portfolio designing, easy drawing techniques, and developing business sense for minimizing costs and maximizing profits.

An internationally certified image consultant, Ms. Nidhi Sharma was the other facilitator for this six day training. She accentuated on the meaningfulness and importance of an individual's image, and hence stated that the need to work upon the concept of image for creating impact is gaining prominence worldwide. Speaking of the extensive application of image analysis in corporate world, as well as in routine living, she added that power dressing, dress suitability, silhouette suitability, etc. are emerging as avenues of opportunity. Even



chances of getting a job or selection into any prominent leadership role, is largely dependent on the candidate's positive self-image. Further, the relationship between good health and good image, and other related aspects viz., body odour, healthy teeth, fresh breath, hair care and smile were also discussed. Certain group activities were also conducted by Ms. Nidhi Sharma, wherein students learnt the basics of corporate communication and presentation skills.

Ms. Prerna Pal, who is serving as a dietician since last 11 years, was also the training facilitator. Being a prominent diet consultant, she enlightened the trainees on aspects of health, nutrition and

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Benchmark Survey 2019 Conducted by PME Cell of IDP Pantnagar

A benchmark survey was conducted by the Project Monitoring and Evaluation Cell of IDP NAHEP for undergraduate students of the University. The survey took place for six consecutive days, from December 5-10, 2019, and the respondents were from those undergraduate programmes which are accredited by ICAR. These included students of B.Sc. Agriculture, B.Sc. Home Science, B.Sc. Food Technology, B.V.Sc., B.Tech. Biotechnology, B.Tech. Agricultural Engineering and B.F.Sc. A sample size of 25 percent of each batch of each programme was taken. A total of 466 undergraduate students actively participated in the survey. The major objective of this survey was to establish baselines, identify improvement opportunities, capture awareness level and perception of students about various academic, extra-curricular, and co-curricular activities or programmes conducted in

university before the IDP-NAHEP project was launched. The findings of the survey will be useful in formulating the action plan of student related activities at the university level, and will also provide an insight into the requirement and expectations of the students. These findings shall also serve as means to exploring possibilities and sources of competitive advantage for the university. The Project Monitoring and Evaluation team viz. Dr. K.P. Raverkar, Professor, Department of Soil Science; Dr. Gurvinder Singh, Associate Professor, Department of Agronomy; Dr. Sumit Chaturvedi, Associate Professor, Department of Agronomy; Dr. Rashmi Tiwari, Assistant Professor, Department of Plant Pathology; and Dr. Kiran Rana, Assistant Professor, Department of Agricultural Communication, were involved in conducting the survey.



(continued from page 3)

healthy lifestyle. She said that due to increasing lifestyle disorders, the field of dietician/nutritionist is emerging as one of the most demanding job avenues which even provides encouraging revenues. The role, functions and the level of professionalism demanded from a dietician were also made clear to the trainees with help of role play activities by the expert. The sessions of the training were coordinated by project scientists Dr. Shefali Massey and Dr. Archana Kushwaha. Dr. Shefali Massey highlighted that this training was one of the initial attempts under the project, to work on the skill sets of the students studying community sciences. Dr. Rita S. Raghuvanshi, Dean, Home Science in her address also stated that such trainings make basic knowledge attractive by adding to individual's skill sets and making oneself employable. Dr. S.K. Kashyap, PI, IDP-NAHEP appreciated the efforts of the organizers and hoped that the training will lead

to some successful cases on innovative start-ups in near future. Dr. S.K. Guru, Nodal Officer (Academic) also stated that academic activities under IDP-NAHEP aim at the development of faculty and students of the university, by means of trainings and exposures, covering areas beyond the classroom curriculum. At the end of the training, the participants reflected that the training helped hem generate entrepreneurial insights for pursuing innovative career avenues in community sciences.





Orientation Session for University Students Regarding Overseas Exchange Programmes

An orientation session on Student Overseas Exchange Program was held on December 9, 2019 at the IDP building for the undergraduate students of the University. The purpose of this session was to clarify the doubts of students regarding what, why and how of overseas exchange programme. During the session, Dr. S.K. Kashyap, PI, IDP-NAHEP informed the students about the purpose of the programme, application process and selection procedure for students. He said that the International Student Exchange Programme which will be facilitated under the project will serve to be the first stepping stone towards global education opportunities for the students during the course of their degree programme. He further mentioned that the exchange programme is committed to nurture students about the global perspectives and cross-cultural understanding by providing exposure in premium foreign partner university of one's choice from USA, UK, Europe, or Australia. The purpose of the programme will be to provide the students a golden chance to work with renowned professors and experts of foreign universities and give them exposure to varied work culture, research processes, emerging technologies, innovative industrial practices, etc. The exchange programme thus intends to provide a transformative educational experience to the students and prepare them for a fast changing, globalized world.

An important postulate of the current exchange programme is that, it is meant only for undergraduate students of ICAR accredited degree programmes that are offered in the University. Furthermore, the three months internship is meant specifically for the third year UG students of the University who are enrolled in the ICAR accredited degree programmes. Several applications have been received by the IDP office regarding student overseas programme, and hence the applications will be screened and shortlisted as per the guidelines laid down by ICAR. The screening criteria will be a three-tier process. At stage one, the applications will be screened on the basis of GPA (7.50 being the minimum). Those shortlisted after stage one, will have to appear in a written test on general aptitude in agriculture and general awareness. Students who score the required cut-off marks in the written test, will finally appear for a personal interview wherein judgement will be made on several parameters including an important aspect of English language proficiency and comprehension. Post final shortlisting, all official formalities related to visa application, documentation, interaction with foreign partner University delegates and other necessary requirements will be managed by IDP team. In totality, this initiative will provide an opportunity to build networks for lifetime and will facilitate interactions across the world in a long run.

Undergraduate Classroom Renovation Underway

A classroom is the first interface of student-teacher interaction, and researches have shown that the physical environment of a classroom is a significant factor in enhancing learning outcomes. Among various initiatives of IDP Pantnagar, renovation of undergraduate classrooms is one of the most significant initiative. 30 undergraduate classrooms across the University in different colleges, have been identified to be furnished as digital classrooms. The classrooms will be getting

equipped with Interactive Flat Panel Display, in order to invigorate teaching-learning ecosystem where audio-video, presentation, and internet facilities will be available in classroom. This new infrastructure will support the classroom environment and will provide an opportunity to use contemporary pedagogy for enriched learning and assessment. Overall, this modified infrastructure will be a significant factor in bringing noteworthy transformation in the times to come.

Mind Management Training Organized for Insights on Hassle Free Life

CEO, Smart Series Bangalore was the Expert for the Training

IDP-NAHEP, Pantnagar organized a one day, 12-hours training for University students on December 15, 2019. The expert for the training was renowned certified neurolinguistics programmer, Ms. Radha Shankarnarayanan who is also the Chief Executive Officer (CEO) of an entrepreneurial venture named Smart Series with head office in Bengaluru city. She primarily discussed about the various aspects of goal setting, strategic planning, habit formation, and tips of being successful in life. One interesting piece of advice which she had generated through her experiments with life was, that in order to achieve happiness and satisfaction from one's choices and decisions in life, one should be affirmative. She began the day by initiating a discussion amongst the participants, wherein they talked about themselves, their career plans, their leisure time activities and their goal of life. She



mentioned that, as students we must essentially cultivate three habits and follow three 30-minute principles. Moreover, she stated that the three most important habits should be, getting up the moment we wake up and avoiding giving excuse to the mind for getting up late, thinking it's never too late to start anything new that will benefit our body, mind and soul, or will make ourself feel proud and hence getting started with it, and finally not using mobile phone immediately after waking up and before sleeping in night. She also emphatically focussed on three 30 minutes principles, which as per her should be a compulsion for the participants to practice for thirty minutes each day, as an individual's success in life totally depends on the type of habit he/she cultivates. Also, the call to improve or work upon self must come from within, and it being a slow process, therefore, a step-by-step strategic plan must be followed for formation of habits that makes

one joyful. In context of three 30-minutes principles, she also suggested that as students, we must dedicate early hours after waking towards our studies, followed by some skill oriented efforts, and then towards language proficiency (maybe English language). A hands-on exercise on strategic planning was also conducted during the training in order to provide some practical experience to the participants.

In the second phase of the training, various domains of an individual's life were discussed. Ms. Radha described life as a sum of seven components or domains, i.e. personal, professional/ educational, family, financial, physical, social, and personal/ professional relationship, and for a healthy, happy life, all components must be taken care of and balanced with each other without any compromises. Following this was a boat making exercise, which



was targeted towards understanding of the concept and principles of goal setting. Out of the exercise, discussion, and debriefing, it emerged that goal planning initiates from being clear about what one wants, then putting it down in words, setting a deadline to achieve the goal, breaking the goal into smaller short-term goals, enlisting the hurdles/problems, making list of knowledge/ information/ skills needed, identifying the people whose help and cooperation will be required to achieve the goal, making list of everything required to be done for achieving the goal and finally organizing the list into a plan. The one day training session ended with positive feedback of the participants, both with respect to the trainer and the training process. Expressing his gratitude and vote of thanks, Dr. S.K. Kashyap, PI, IDP-NAHEP reinstated the joy and fulfilling experience of the participants and appreciated the efforts of the trainer.

Knowledge on Robotics Will Help in Developing Cognitive Solutions for Agricultural Challenges: Dr. Tej Partap

Training on Robotics Organized by IDP Pantnagar

Continuing the series of events for skill and entrepreneurship development amongst the University students, a 4-days training on robotics was organized in collaboration with Club First Labs, Rajasthan from December 6-9, 2019. The purpose of the training was to ignite the young minds with the knowledge and application of robotics in agriculture such that they can provide innovative and viable solutions for various challenges at farm. The training was led by Mr. Bhuvnesh Mishra, Managing Director (MD), Club First Labs, Rajasthan who is popularly known for creating India's First Serving Robots viz., Sona 0.5 and Sona 1.5. The four days training was a



mix of theory and practice sessions. The theory sessions dealt with concepts, components, scope, applications and types of robotics in agricultural sciences, while the practice sessions helped the participants to generate first-hand knowledge about assembling and mapping of agricultural robots and drones for facilitating navigation process in the agricultural farms. The robot system, Sona 1.5 was used for making the participants grasp the components of robots in depth. The training pedagogy involved extensive use of case study based videos and tutorials in order to facilitate the comprehension process of students for developing a robot system for the purpose of practical utility with easily available material. Also, the participants were given hand-on exposure of Autodesk which is a designing software and is useful for generating 3D images which is an essential requirement for building up a robot.

Expressing his views about the training, the expert trainer, referred to this four days training as an initial punch towards orienting young minds about robotics in agriculture, and therefore he

suggested that this interest of students should be further strengthened and suitable industrial training opportunities in the field of robotics and automation must be looked for. Hon'ble Vice-Chancellor of Pantnagar University, Dr. Tej Partap addressed the participants in the valedictory session of the training. He spoke about multiple capabilities of robotics, especially in the present context of advanced technological era and highlighted that the adoption of cognitive solutions are largely dependent on the enormous scope and applications of robotics in agriculture. Also, Dr. J. Kumar, Dean, College of Agriculture, was present in the



valedictory session, and he expressed his beliefs that training on robotics will give a new dimension to the evolution of agricultural research, teaching, extension, policy meeting and technology. Even, the participants shared their encouraging experiences about the training and insisted that such trainings should be organized in the future to get exposure of advanced technologies in agriculture. The enthusiasm of the students at the end of the training was extremely hopeful and inspiring. Looking towards the interest of the participants in the field of agricultural robotics, working groups of students were formulated for designing agricultural robots like sprayer drone, irrigation robot, fertilizer application robot and multi-utility vehicle. While concluding the training, Dr. S. K. Kashyap, PI, IDP-NAHEP expressed his words of gratitude for the trainer and stated that a plan of work will be sought from all the working groups formed during the training and accordingly financial and structural aids will be made available to them from the project for generating useful robot and drone systems for the University.

Guest Lecture Held on Skilling Youth for Career in Health Bio-Industry

Guest lecture for University students has been a pertinent activity among various initiatives of IDP-NAHEP, Pantnagar. Continuing with the same, a guest lecture by Dr. Mahesh Shankar Dhar, Deputy Assistant Director, National Centre for Disease Control, Ministry of Health and Family Welfare, Government of India, New Delhi, was organized on December 8, 2019. The event was chaired by Dr. Brijesh Kumar, and coordinated by Dr. Aman Kamboj, both of whom are Project Scientist under Academic Team, IDP-NAHEP, Pantnagar. The lecture was attended by undergraduate students from veterinary, biotechnology, agriculture, technology and basic science disciplines. During his talk, Dr. Dhar discussed about the present scenario of biotechnology, pharmaceutical and health bio-industry in India and abroad along with the future

opportunities in this industry for life science professionals. He emphasized that students should try to explore the emerging areas of research like bioinformatics, synthetic biology, cancer research and bio-entrepreneurship. Highlighting the importance of good professional and practical skills, he specified that we should try to go through more practical exposure by means of short term projects and training in prominent research laboratories of the country and the world. He also focused on the intellectual property rights, patent filing, copyright, trademark, geographical indication and trade related issue in biological research. The talk was followed by an interactive session with the students wherein students raised their queries and got valuable suggestions regarding career avenues in health bio-industry.



Interactive Meet with 'Papaya Man' Mr. Sudhir Chadha Held at IDP Building

An interactive meeting was held on December 27, 2019 at IDP Building with Mr. Sudhir Chadha, horticulturist, Member, Board of Management of Pantnagar University, and popularly known as Papaya Man, and all Post Doctoral Fellows (PDFs) associated with NAHEP. Dr. S. K. Kasyap, PI, IDP-NAHEP was also a part of this meeting. A man of incredible innovations, Mr. Sudhir Chadha shifted his farm into a commercial horticulture mode and won the Most Innovative Farmer National Award of Indian Council of Agricultural Research (ICAR) in 1991. Though, the papaya fruit made him famous, but his entrepreneurial spirit recreated and rejuvenated the spirit and practice of agriculture in the hills of Uttarakhand. During this kind of informal,

interactive meeting, he suggested that all PDFs must come up with some innovative ideas in order to enrich the concept, space, and functioning of IDP-NAHEP. He also emphasized that as youngsters we must embrace unique work opportunities wholeheartedly, such as the one provided by IDP-NAHEP, and should continue with our endeavours with an innovative outlook. This would not only help an individual to grow in the professional space, but would also provide perceptions for personal life and some great enriching experiences. The PDFs also shared their ideas and insights enthusiastically with Mr. Sudhir Chadha which were then also improvised by his sharp acumen, deep practical experience and creative vision.

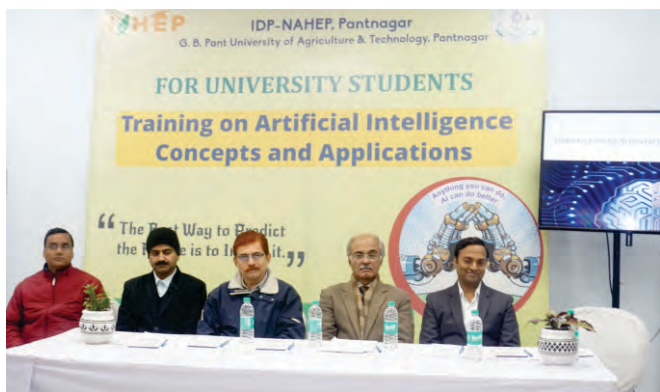
Training on Artificial Intelligence Concepts and Applications Organized by IDP Pantnagar

The Agri Informatics component of IDP-NAHEP, Pantnagar organized a 3-days training programme on Artificial Intelligence (AI) Concepts and Applications in Agriculture. The training was held from December 26-28, 2019 at the IDP building. The primary purpose of the training was to aware the University students about the utility of AI in farming and the major challenges one might face in implementing skills of automation in the agriculture sector.

The inaugural ceremony of the training saw the presence of Dr. J. Kumar, Dean, College of Agriculture; Mr. Abhishek Shekhar, Manager, Deloitte; Dr. S.K. Kashyap, PI, IDP-NAHEP, Pantnagar; Dr. A.S. Nain, Coordinator, Agri Informatics and Co-PI, IDP-NAHEP, Pantnagar; and Dr. R.S. Rajput, Academic Expert. The programme was coordinated by Dr. Ajay Kumar, Dr. Rajeev Singh, and Dr. Paras, all Project Scientists under IDP-NAHEP, Pantnagar. In the inaugural address, Dr. J. Kumar said that AI is efficient and suitable for agriculture sector and the future only depends on how much we adopt the techniques of machine learning. He further laid emphasis on the fact that the agriculture industry is still underprivileged despite the presence of several AI applications available in the market, and therefore, we must indulge in generating avenues in the University wherein students and faculty members can collaborate and design need-based AI applications. Further, Dr. S.K. Kashyap, talked about AI technologies and its usefulness for farmers in

context of generating more bountiful yields by determining crop choices, the best hybrid seed choices, and resource utilization. Thereafter, Dr. A.S. Nain gave an overview of the training programme and emphasized on the importance of AI agriculture bots and chatbots in farming. He encouraged students to participate with enthusiasm and make best possible use of this training opportunity. Through such trainings in emerging technologies, Pantnagar students are getting a valuable chance to enhance their competencies.

The 3 days training was divided into seven sessions which included lectures on concepts of artificial intelligence and machine learning, and related practical implementation sessions. Industry expert Mr. Abhishek Shekhar discussed about machine learning in detail and also focused on Python, a computer programming language. Students learnt the basics of Python and performed coding in 'Python Anaconda version 3.7' and even learnt about R software (used for statistical analysis and coding) and its implementation. Furthermore, a session of refresher statistics was handled by academic expert Dr. R.S. Rajput, where he discussed about the theoretical and practical aspects of factor analysis, principal component analysis, f-statistics, z-score, p-value, t-test, and z-test. Overall, the training was a comprehensive learning experience for the students and many of the participants showed keen interest in venturing out for AI based agri start-ups.



Sharpening the Edge by Learning to Read, Write, Speak and Think in English Language

Evening Language Classes for English Initiated for Pantvarsity Students at IDP Building

In the series of initiation of two certified foreign language classes i.e., French and German, under the Language Laboratory component of IDP-NAHEP, Pantnagar, English language was also added. Seeking the keen interest of the students for English language, an initial orientation session was organized on December 26, 2019. During the session, Dr. Alka Goel, Coordinator, Language Lab team was present along with Mr. Udit Pandey, English Language, Instructor. Mr. Pandey elaborated on his roadmap for taking basic and advance level classes of English language. A post-graduate in management, Mr. Udit Pandey has been proactively involved in language related teaching, learning and personality development activities for almost a decade. He comprehensively stated that for basic English learning, all essential components of reading, writing, speaking and listening of the language will be taken into consideration. He stated that all his approaches of working upon the productive and receptive skills will be based on the analysis of learner's level of understanding. Talking further about advanced level of English language, he

suggested that sessions will be dedicated to help learners prepare for GRE, TOFEL and other language examinations for further studies from foreign academic institutes. The classes began formally in IDP building from December 30, 2019 onwards. A total of 40 students have registered for the basic level of the course and classes are running for four days in a week. Likewise, French and German language classes, the evening classes format is followed for English language classes also, wherein the classes take place at evening hours after the completion of regular scheduled college classes of the students. The classroom pedagogy involves several interactive activities such as role plays, story writing, vocabulary enhancement and word pronunciation. The learners are also subjected to home-based assignments and methods of assessment for quantifying the improvement in performance and enhanced learning outcomes. The response and participation of the students for English language classes has been overwhelming so far, similar to the other two languages.



French Delegates Meet with NAHEP Academic Team at IDP Building

A team of French delegates including officials of the French Embassy visited Pantnagar and had a fruitful meeting with the academic team of IDP-NAHEP, Pantnagar. The meeting was held on December 5, 2019 and witnessed the presence of Hon'ble Vice-Chancellor of Pantnagar University, Dr. Tej Partap, the nodal officers of IDP Pantnagar team, and the French delegates which included Mr. Bonjour Cristophe, Mr. Jean Cristophe, and Mr.

Phillip. This short meeting emerged as a significant intervention with respect to academic alignments with French universities. Also, the French delegates interacted with the students of French language classes and gave valuable tips to ease the learning of French language as well as shared some anecdotes and cultural milieus of the French landscape. The proactive initiative of the French delegates was indeed appreciable.

Students' Verses

It was a great opportunity for all of us to have such a different training in our University. Thanks to IDP NAHEP team, and a big thanks to Mr. Abhishek Shekhar Sir. He taught about AI in a structured and a patient manner. We have been exposed to a very new and different domain which is in demand nowadays. I heartily thanks again and I would appreciate more training like this in future.



- Gagandeep Kaur Dhillon, College of Agriculture, Masters Ist year

I extend my special thanks to Mr. Abhishek Shekhar Sir for giving his precious time to us and sharing his experience and options and enlightening us on the topic and concepts of Artificial Intelligence. As AI is the need of the present time it is the alleyways of industries or research work or solving the problems of day to day life, AI has crucial role to play. So, training on such topic is surely needed and we are very grateful of the IDP NAHEP team to make this happen.



- Yogesh Pandey, College of Basic Sciences and Humanities, IVth year

No doubt the mind management training session that we attended today was very good and inspiring. The good thing is after going through the session I am taking a perspective for myself from here.



- Muskan Nargwani, College of Agriculture, IInd year

Initially I was confused to attend the training or not, as it was for the whole day, but after coming over here even for a single second, I didn't feel bored. I even personally interacted with ma'am. She touched many aspects of living a healthy, happy life with the help of the activities and putting herself as a live example.



- Rashmi Garia, College of Agriculture, Masters Ist year

The training sessions were very interactive and I personally enjoyed it a lot. We worked in groups and learned how mental preparedness helps in effective planning. Literally, it was enjoyable. Thank You, Ma'am.



- Aakriti Ballabh, College of Veterinary and Animal Sciences, IIIrd year

The Main Events of January 2020

S. No.	Event	Proposed Date	Venue	Nodal Unit	Convener
1	International Training on System Simulation	09-01-2020 to 14-01-2020	IDP Office, University Centre, 2 nd Floor	Agri Informatics Team	Dr. A.S. Nain, College of Agriculture
2	Guest Lecture on Wildlife Management by Dr. Yogesh Bhardwaj	17-01-2020	IDP Office, University Centre, 2 nd Floor	Academic Team	Dr. Sanjay, College of Veterinary and Animal Sciences
3	Wall Painting Contest on Cultural Heritage	26-01-2020	IDP Office, University Centre, Ground Floor	Project Team	Dr. A.K. Upadhyay College of Veterinary and Animal Sciences
4	Re-inventing the Bicycle Design	Registrations Upto 26-01-2020	IDP Office, University Centre, 2 nd Floor	Innovation cum Incubation Centre Team	Dr. A.K. Upadhyay College of Veterinary and Animal Sciences

Strengthening Pantnagar Ecosystem Through IDP Initiatives

Dr. S.K. Kashyap

Professor and Head, Agricultural Communication/PI, IDP-NAHEP, Pantnagar

Infrastructures cannot build a world-class institution but it is the culture and ecosystem that makes the difference. The students and faculty of this University keep striving to touch those marks consciously or unconsciously which becomes the Pantnagar culture. Pantnagar has a distinctive culture. It has lived with legends since inception and therefore the University has series of milestones left behind. The stakes have been set quite high which provides a firmness to the system of this heritage university. IDP-NAHEP Pantnagar, thus aims to spearhead the cultural momentum of the University by initiating with activities that would contribute in strengthening the ecosystem. I hope that all students and faculty members of the University would make their sincere efforts in making these initiatives worthwhile for entire Pantnagar fraternity.



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 300 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 !