



Navin C Shahi
Professor & Head
PHPFE

Subject: Nominations for 10 days short course on "**Recent Advances in Millet Processing and its Valorization**" from January 11 to 20, 2023.

Department of Post Harvest Process & Food Engineering, College of Technology, G.B. Pant University of Agriculture & Technology, Pantnagar-263145 (Uttarakhand) is organizing 10 days short course on "**Recent Advances in Millet Processing and its Valorization** " sponsored by Capacity Building Program, Agricultural Education Division, ICAR w.e.f. **January 11 to 20, 2023** for teachers and researchers not below the rank of Assistant Professor/Scientist and equivalent in the area of Agricultural Engineering and should be working in Colleges/Universities/Agricultural Universities/KVKs/ICAR Institutes.

Therefore, one or two persons, as per the eligibility criteria mentioned above, may please be nominated from the University/ Institute for the aforesaid training. **The candidates must apply through ICAR CBP portal (cbp.icar.gov.in/applyDetails.aspx) latest by 18/12/2022.** The TA for the aforesaid short course will be borne by the host institute as per rules subjected to maximum IInd AC train fare by the shortest route and boarding and lodging arrangement will be made in the University guest house on sharing basis. The detailed information on the short course can also be downloaded from the **website: www.gbpuat.ac.in.**

(Navin C Shahi)
Course Director

End: As above

Important Dates

Last date of submission of application : **18.12.2022**

Communication of acceptance: **21.12.2022**

Duration of short course: **11.01.2023 to 20.01.2023**

Eligibility

The applicant should not be below the rank of Assistant Professor/Scientist and equivalent and should be working in Colleges/ Universities/ Agricultural Universities /KVKs/ ICAR Institutes.

How to Apply

Interested candidates should apply online through Capacity Building Programme (CBP) portal at the URL: cbp.icar.gov.in/applyDetails.aspx. The application should be filled online only. The filled in application should be approved by their competent authority and uploaded in the CBP portal. The selected participants are requested to pay ₹50/- as a Demand Draft / Postal Order in favour of The Comptroller, GBPUAT Pantnagar. The printed duly filled-in application form along with the Demand Draft / Postal Order of registration fee should be sent to the course Director on or before 31.12.2022.

Venue

Seminar Hall, Department of PHPFE
College of Technology, Pantnagar, GBPUAT
Pantnagar

Course Director

Dr. N.C. Shahi, Professor & Head, PHPFE

Course Coordinator

Dr. U.C. Lohani, JRO, PHPFE
Dr. Praveen Vikram Singh, JRO, SWCE

How to Reach

Pantnagar is about 250 km from Delhi, 360 kilometers from Lucknow, 90 kilometers from Moradabad, 75 kilometers from Bareilly and 65 kilometers from Nainital by road. It is connected to the rest of world by the Delhi Nainital National Highway and the Bareilly Nainital Highway. Pantnagar Railway Station on the Lucknow-Bareilly- Lalkuan section of North East railways is about 4 km east of the University. Pantnagar can be reached from Rudrapur / Lalkuan railway stations by road. Rudrapur railway station is about 18 km and Lalkuan railway station is 8 km from Pantnagar. Limited flights are available for Pantnagar airport from Delhi and Deharadun.

Travel and Accommodation

Participants will be paid to and fro fare for journey performed by the shortest route by rail or bus or other means of transport. The payment will be made as per their entitlement but restricted to the maximum of AC II tier train fare. If any participant chooses to travel by air, he/she may do so, but their claim shall be restricted to AC II tier train fare. Participants are required to produce a photocopy of the rail/bus/air tickets (only by public transport) and original onward boarding pass for reimbursing the travel expenditure. Accommodation will be provided at the University guest house. Participants are requested not to bring any family members along with them.

Contact Details

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Short Course on "Recent Advances in Millet Processing and its Valorization"

(11-20 January 2023)



Organized by

Department of Post Harvest Process & Food
Engineering
College of Technology, G. B. Pant University of
Agriculture & Technology
Pantnagar- 263145 (Uttarakhand)

Sponsored by

Indian Council of Agricultural Research, New Delhi

About Uttarakhand

The 27th state of Republic of India, Uttarakhand formed in the year 2000 after being separated from the large state of Uttar Pradesh, is a destination to explore the riches of Indian culture, history, and natural beauty. The state that borders Tibet to the north; Nepal to the east; the state of Uttar Pradesh to the south; and Himachal Pradesh to the west and north-west, consists of 13 districts.

Best places to visit in Uttarakhand are Rishikesh, Mussorie, Nainital, Munsiyari, Kedaranath, Badrinath, Mukteshwar, Haridwar, Dehradun, Jim Corbett National Park, Valley of Flowers, Ranikhet, Lansdowne, Auli, Pithogarth, Kausani, Joshimath, Chopta, Gangotri and more.



About University & College

Govind Ballabh Pant University of Agriculture and Technology is the first Agricultural University of India, established in 1960 on the land grant pattern of Illinois University, USA. It is also known as “**Harbinger of Green Revolution**” in India. The College of Technology, one of the constituent colleges of the University, was established in 1962 and presently offers eight bachelor and twenty four post graduate degree programmes.



About the Department

The Department of Post-Harvest Process and Food Engineering was established in 1984 with restructuring of Department of Agricultural Engineering. Department is the Harbinger of the academicians and industry expert at national as well as international levels. The department is currently running two M. Tech (Process and Food Engg.) & (Food and Bioprocess Engg.) and PhD (Process and Food Engg.) programs.



Objective & Sub Theme

Millets can be very helpful in today's world, when global warming is a scary reality that we are slowly waking up to and water conservation is the need of the hour. Millet consumes 20% of water that required for production of rice. Additionally, these can be grown in poor soil and adverse weather conditions. Millets are sturdy crops that typically don't have insect or disease problems, so they need little to no insecticides and fertilizer. Millets can therefore be grown for a much, much cheaper price than wheat or rice. With a 150 thousand ton annual production of small millets, Uttarakhand is one of the top producing states in the country. Millets are high in proteins, vitamins, minerals, and fiber and have a high nutritional value. Unfortunately, due to intensive drudgery processing of millets led to reluctance of the local farmer for its utilization at greater scale. Also, the biggest reason behind the underutilization of millet is lack of awareness of its nutritive balance and therefore are needed to be trained or guided for its processing and consumption. Followings are the themes on which shortcourse is focused:

- Sociocultural, economic, geographical and historical aspects of millets
- Millets-sustainable solution to food security
- Entrepreneurship, start-ups, product development and marketing strategies
- Bioprospecting and innovative sustainable processing techniques for millets