

**Proceedings of 11th Extension Education Council Meeting of
SKUAST-Jammu held on 29th January, 2024**

The 11th Extension Education Council meeting of Sher-e- Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST Jammu) was held on 29th January, 2024 in the Conference Hall of SKUAST-Jammu, Main Campus, Chatha under the chairmanship of **Prof. B. N. Tripathi**, Hon'ble Vice-Chancellor, SKUAST-Jammu.

Dr. (Mrs.) Hema Tripathi, National Coordinator (M & E and ESS), Krishi Anusandhan Bhawan-II, New Delhi attended the meeting as an external expert from veterinary Sciences. Shri **G.A. Sofi**, Secretary (Technical) in the Agriculture Production Department represented Government of Jammu & Kashmir (UT) as a special guest. Besides, Director Agriculture, Director Animal Husbandry alongwith other representatives of line department presented the agendas of their respective departments. The list of participants is enclosed as Annexure I.

Dr. Amrish Vaid, Director Extension welcomed the Chairman, external expert and members of 11th Extension Education Council meeting. He presented the extension activities carried out by the University since last Extension Education Council, including Kisan Melas, ZREAC meetings for *Kharif* and *Rabi* seasons, in-service training programmes, officers' monthly workshops, programmes organized by SAMETI-Jammu, implementation of national programmes and initiatives.

In his opening remarks, **Prof. B.N. Tripathi, Hon'ble Chairman** expressed his satisfaction on convergence and linkages developed by the University with the line departments. He suggested Director extension to present those University technologies that can be horizontally expanded through line departments.

While deliberating upon the agendas of the meeting, **Prof. B.N. Tripathi**, projected several issues in relation to the implementation of agricultural extension plan as given below:

- Undertaking impact assessment studies of projects/technology/interventions implemented by the University.
- Dissemination of innovative technologies related to hi-tech horticulture, hydroponics, aeroponics, vertical farming and urban farming.

(Action: Directorate of Extension)

- Organize regular meetings between SKUAST-Jammu and line departments for speedy and effective exchange of information.

(Action: Directorate of Extension and line Departments)

- All publications of the University should be made available on the website.

(Action: Directorate of Extension & Nodal officer Data Centre)

- Developing data base/repository of farmers who have adopted IFS model advocated by the University. Identify niche areas in each district before developing IFS model.

(Action: KVKs & Farming System Research Centre, SKUAST-J)

- Commercialization of university technologies for large scale adoption through PPP mode.

(Action: All faculties of SKUAST-Jammu)

- Sharing of programme schedule between University & line departments.

(Action: Directorate of Extension and Line departments)

- Diagnostic and Surveillance Centre at F.V.Sc. & A.H., R.S. Pura

(Action: Dean F.V.Sc. & A.H.)

Dr. Hema Tripathi, National Coordinator (M & E and ESS), Krishi Anusandhan Bhawan-II, New Delhi, external expert from Veterinary Sciences suggested to focus on the following issues:

- Promotion of Community Radio Station for developing effective communication with farmers & rural folks.

(Action: Directorate of Extension & Division of Extension Education, SKUAST-J)

- Development of farm literature in Hindi, English and Dogri languages.

(Action: Directorate of Extension)

- Developing farming apps supplemented with contents, audio and videos for better uptake of ideas by the users.

(Action: All faculties, SKUAST-Jammu)

- Uploading of success stories of farmers, farm women and rural youths on University website. Also, the list of progressive and award winning farmers with full contact details should be uploaded on University website.

- Developing e-extension services, including a portal for creation, storage, dissemination and management of information on agriculture and allied sectors.

- Establishment of Open and Distance learning (OPD) online platform. Online and offline modules of agriculture and allied disciplines should be developed.

(Action: Directorate of Extension & Nodal Officer, SKUAST-Jammu)

- Exploring potential areas where University can enter collaboration with the industry to provide impetus to Public-Private partnership.

(Action: Directorate of Research)

- Organization of regular training programmes for livestock keepers and para vets.

(Action: Directorate of Extension, Dean FVSc. & AH, R.S. Pura)

- Assessment of reasons for discontinuance of technology by the end users.

(Action: Directorate of Extension)

- Centres based on the principle of ATIC may be established with the help of external funding agency.

(Action: Directorate of Planning & Monitoring & Directorate of Extension)

Shri G.A. Sofi, Secretary (Technical), Agriculture Production Department, representing discussed the following issues:

- Promotion of goat and sheep rearing among farmers for enhancing their incomes.
- Focus on socio-economic upliftment of marginal and small farmers by creating awareness among them about various development schemes of the Government.
- Develop distinct roadmap of production; clearly indicating why to produce, when to produce, how much to produce, who has to produce and for whom to produce.
- Promote mushroom cultivation.

(Action to be taken: Directorate of Extension, Dean, F.V.Sc. & A.H. & all line departments).

Technical Sessions

Agenda Item No. 1: Confirmation of the proceedings of 10th Extension Education Council meeting

After the approval of Hon'ble Chairman, the proceedings of 10th Extension Education Council meeting were formally accepted and confirmed by the house.

Agenda Item No. 2: Extension activities under taken by SKUAST-Jammu

Dr. Amrish Vaid, Director Extension, SKUAST-Jammu made a power point presentation regarding the overview of extension activities undertaken by SKUAST-Jammu w.e.f. 2019-2020 to 2023-2024 (till December, 2023). Hon'ble Chairman directed to include University technologies in the discussion that are available for mass dissemination to uplift the economy of farmers.

This include outreach programmes, innovative extension approaches, workshops/trainings, new Centrally Sponsored programmes and external funded projects implemented by the Directorate.

Agenda Item No. 3: Action Taken on the prceeding of 9th Extension Education Council meeting

The action taken report on the recommendations of 9th Extension Education Council meeting was also deliberated. Hon'ble Chairman directed all the concerned officers to undertake necessary steps as per the suggestions made by the council.

(Action: All members)

Agenda 4: Presentation of extension activities conducted w.e.f. 2019-20 to 2023-24 (till Dec. 2023)

The extension activities carried out by the KVKs, Faculties and research stations were also presented which include farmers training programmes, in-service training programmes, workshops, On-farm trials, frontline demonstrations, exhibitions, kisan goshties etc.

Agenda Item No. 5: Extension activities proposed for 2024-2025

The extension programmes proposed by different faculties, including Faculty of Agriculture (FoA), Faculty of Veterinary Sciences and Animal Husbandry (F.V.Sc. & A.H.), Faculty of Basic Sciences (F.B.Sc.) were also discussed in detail. The action plan of Krishi Vigyan Kendras (KVKs) and SAMETI-Jammu was also deliberated upon by the members.

Hon'ble **Chairman** directed that extension activities must be carried out in collaboration with line departments to achieve better results. He suggested that proposed action plans should have been thoroughly deliberated in the respective SAC meetings of KVKs, before presenting them in Extension Education Council meeting.

Hon'ble Chairman suggested to circulate the time table of all extension activities with stakeholders well-in-advance.

(Action: All members)

Hon'ble Chairman also stressed that the action plan of KVKs must be flexible enough to incorporate any changes during its execution, as per the needs of the stakeholders.

(Action: Directorate of Extension, FoA, F.V.Sc. & AH, F.B.Sc., all KVKs and line departments)

Agenda Item No. 6: Inputs of the Line Departments

2.1 Department of Agriculture, Jammu

Sh. Arvinder Singh Reen, Joint Director Agriculture (Inputs) raised the issues as given below:

- Focusing on enhancement of seed replacement rate.
- Trials on bio-fortified varieties of wheat.
- Development of region specific farm machinery for Jammu Division for reducing cost of cultivation.
- Capacity building of farmers on organic farming.
- Promotion and popularization of Hydroponics.
- Capacity building of field functionaries on latest technologies.

Hon'ble Chairman suggested to devise crop specific tools for enhancing farm efficiency and advised to allocate such research problems to P.G. students.

(Action: Division of Agricultural Engineering)

Hon'ble Chairman also suggested to collaborate with National Centre for Organic and Natural Farming for promotion of organic farming in the region.

(Action: Directorate of Extension)

He also advised to provide trainings to farmers related to hydroponics.

(Action: Division of Plant Physiology)

Further, he advised departments to provide the list of topics related to capacity building of field functionaries.

(Action: Department of Agriculture)

Dr. (Mrs.) Hema Tripathi briefed about the concept of organic animal husbandry and suggested University scientists to popularize the same in Jammu Division. Hon'ble Chairman urged to issue directions to Division of Livestock Production and Management to initiate organic Animal Husbandry in the University.

(Action: Dean, FVSc. & AH)

2.2 Department of Horticulture, Jammu

Director Horticulture, Sh. Ram Sevak presented the following issues for consideration in 11th Extension Education Council meeting:

- Development of small scale machinery for value addition and processing of Aloe Vera
- Low cost machinery and packaging material for strawberry
- Skill development programmes on propagation methods for subtropical fruit plants and grafting techniques for Pecanut, Walnut etc.

Dr. (Mrs.) Hema Tripathi suggested to undertake joint projects with CIPHET Ludhiana and IARI, New Delhi to develop small scale machinery for processing and value addition.

Hon'ble Chairman suggested to assess the availability of small scale machinery for value addition and processing for aloe vera and strawberry for further recommendation to the department.

(Action: Division of Agricultural Engineering)

Director Research and I/c Registrar, Dr. S.K. Gupta confirmed the supply of available planting material of grafted walnut and pecan nut to the department.

(Action: Division of Fruit Science)

2.3 Department of Animal Husbandry, Jammu

Director Animal Husbandry, Dr. Shubra Sharma discussed the following issues during the meeting:

- Capacity building programmes for veterinarians and paravets.
- Capacity building programmes for new dairy/poultry entrepreneurs.
- Orientation programme for female livestock farmers.
- Short term capsule programmes for best animal husbandry management practices.

Hon'ble Chairman advised to initiate the process of establishing Institute for Paravets duly approved by VCI at SKUAST-Jammu. Director Research and I/c Registrar, Dr. S.K. Gupta suggested that University can introduce Diploma in Paravets on the pattern of BAT & BHT at SKUAST-Jammu.

(Action: Director Education, Director Extension, Dean, FVSc. AH)

2.4 Department of Sericulture

Development Officer (Extension & Training) Sericulture, Sh. Mohammad Abdullah Bhat put forth the need for organising training programmes on Sericulture for farmers and officers.

Hon'ble Chairman suggested to invite a schedule from sericulture department and formulate district-wise action plan for organising need based training programmes. He also suggested to write a status paper on Sericulture in Jammu division.

(Action: Department of Sericulture, Directorate of Extension)

2.5 Department of Fisheries, Jammu

Joint Director Fisheries, Central Jammu, Sh. Mohammad Manzoor Wani brought following issues of the department:

- Organization of training programmes on fish nutrition, feeding management and management of community ponds.
- Publication of literature on fish farming.
- Develop feed formulation of indigenous Mahseer fish.

Addressing the queries, Hon'ble Chairman assured that capacity development programmes for the officers of Department of Fisheries and farmers will be conducted. For successful organization of training programmes, he suggested Director, Department of Fisheries, Jammu to provide list of proposed trainings in advance to the Directorate of Extension, SKUAST-Jammu.

(Action: Department of Fisheries, Directorate of Extension)

2.6 Department of Floriculture

Deputy Director, Department of Floriculture, Gardens and Parks, Jammu, Sh. Sunil Singh Sambyal shared the need for organizing training on processing and value addition of lavender, updating package and practices of floriculture, establishment of small processing units and promotion of local marigold.

Hon'ble Chairman suggested for collaborative efforts to boost floriculture sector in Jammu region.

(Action: Directorate of Extension, Department of Floriculture, Gardens and Parks Jammu, Division of Floriculture and Landscaping, KVKs)

2.7 Department of Command Area Development

Sh. Pankaj Verma, SMS (II), Department of Command Area Development, Jammu raised following issues of the department:

- Promotion and popularization of marigold cultivation in Command Area.
- Value-addition of flowers.

(Action: Division of Floriculture and Landscaping, KVKs)

Agenda 7: Inputs of farmers / farm woman

Shri Darshan Sharma, farmer member & President FPO briefed about the farm activities performed of members, including adoption of Integrated Farming System. He requested for organising specialized programmes for marginal farmers in remote villages. SHG informed about the size and strength of women SHGs in her cluster. She requested to popularize women centric activities for improving their financial condition in rural setup.

Hon'ble Chairman assured full cooperation of University to fulfill the aspirations of farmer members.

In his concluding remarks, Hon'ble Chairman appreciated the efforts of University and line department to collaborate for effective implementation of extension activities and further suggested to undertake joint extension projects and cooperation for quick dissemination of latest agricultural technologies to the farmers.

Rapporteur:

- Dr. Jasbir Singh Manhas, Associate Professor
- Dr. Anil Bhat, Assistant Professor


Director Extension