

PAMETI

R E P O R T E R



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From Director's Desk

Punjab is one of India's leading agricultural states and has played a crucial role in ensuring the nation's food security. The dedication and hard work of Punjab's farmers and farm women have been instrumental in maintaining stable food supplies during difficult times of national challenges.

However, changing climatic conditions, depleting natural resources, fluctuating market dynamics and emerging digital technologies have created new challenges for the farming community. In this scenario, capacity building of farmers and farm women has become essential for better income generation and sustainable rural development.

Capacity building of farmers is the process of enhancing their knowledge, skills, competencies and confidence. It majorly helps the farmers to:

- Get regular exposure to new knowledge and practical skills to remain competitive.
- Enhance farm productivity and income.
- Adopt climate resilient technologies.
- Understand value addition and generate better livelihood through processing.
- Utilize government schemes and services.

Since its inception, PAMETI has played a vital role in conducting demand-based capacity building programmes in varied subjects of agriculture and allied sectors for the farmers and farm women. These continued efforts of PAMETI are critical for building a resilient, prosperous, and sustainable agricultural sector in the state.



Dr K B Singh
Director, PAMETI

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- Business Appreciation Programme for VERKA Officials.
- Climate Change Irrigation Water Management including Digital Tools.

Silver Jubilee Foundation Day of PAMETI

Since its establishment in 2000, PAMETI has played a key role in capacity building of extension workers from agriculture & allied sectors in agricultural management & extension. It has also organized various trainings for the benefit of farmers, farm women, unemployed rural youth, input dealers, FPOs, NGOs, cooperatives, etc. under various government schemes.

To mark the achievements of PAMETI, the Silver Jubilee Foundation Day was celebrated on Dec. 5, 2025. The Chief Guest, Sh. Arshdeep Singh Thind, IAS, Hon'ble Administrative Secretary, Agriculture, Punjab, appreciated the remarkable contributions of PAMETI over the past 25 years. The occasion was also graced by Dr S S Gosal, the Hon'ble Vice Chancellor of PAU, Ludhiana along with Director, Dept. of Agriculture & Farmers' Welfare, Punjab. The valuable contributions of former directors of PAMETI were honoured during the event.

A state-of-the-art Small-Scale Processing & Packaging Center in PAMETI campus was also inaugurated to support small and marginal farmers in enhancing the value and marketability of their perishable horticultural produce through scientific processing and packaging facilities.



Sh. Arshdeep Singh Thind, IAS, Hon'ble Administrative Secretary, Agriculture, Punjab; Dr S.S. Gosal, Hon'ble Vice Chancellor, PAU; Dr Jaswant Singh, Director, Dept. of Agriculture, Punjab; Dr K B Singh, Director PAMETI along with former directors of PAMETI, faculty during inauguration of Small-Scale Horticultural Processing and Packaging Center for Farmers.



Sh Arshdeep Singh Thind, IAS, Hon'ble Administrative Secretary, Agriculture, Punjab being felicitated by Dr S S Gosal, Hon'ble Vice Chancellor, PAU-cum-Vice Chairman, PAMETI on the occasion of Silver Jubilee Foundation Day.

Nutrition Sensitive Agriculture

Nutrition Sensitive Agriculture integrates agriculture with nutritional security by promoting the production & consumption of diverse and nutritious foods. In Punjab, due to overdependence on wheat-paddy system, there is a need to create awareness among farmers about including cultivation of fruits, vegetables, pulses, millets, dairy, poultry, etc. in the agriculture system not only to ensure nutritional household security but also to improve their income.

With this in mind, a training was organized from Dec. 17-19, 2025, which was attended by 23 extension officers from agriculture & allied departments. During the course, diversified farming systems, kitchen gardens, bio-fortified crops, and benefits of local & seasonal foods were discussed by experts from PAU & GADVASU, Ludhiana. For effective grass root level interventions, exposure visits to nutritional gardens and vegetable farms at selected sites in Ludhiana and Moga districts were also conducted.



Exposure visit to Vardaan Organic Farms, Village Mohie, Ludhiana during training on "Nutrition Sensitive Agriculture".

Strengthening Extension Strategies for Sugarcane Development in Punjab.

Sugarcane is an important cash crop which supports the farmers' livelihood. However, there is a need of stronger extension support to sugarcane growers so that they can adopt improved production technologies and value addition practices.

Therefore, a one day training was organized on January 6, 2026. In all, 16 extension officials from the sugarcane wing of state agriculture department participated in this programme. Technical lectures were delivered by experts from PAU and an exposure visit to Jaggery Processing Unit, PAU was also organized to witness improved jaggery processing techniques.



Group Photo during training on "Sugarcane Development".



Mr. Sanjay Joshie, Vice President, ECHO India and his team with Director PAMETI & faculty during signing of MoU with PAMETI for providing dedicated online platform.

ECHO Programme Launch Training

ECHO (Extension for Community Healthcare Outcomes) India is a not-for-profit trust, which is committed to improving the well-being of communities through online platform. In order to establish a dedicated PAMETI hub on the iECHO platform for systematic online trainings/webinars, a two-day ECHO India Programme Launch Training was conducted from January 20 to 21, 2026. A total of 29 ATMA extension officials across the state along with PAMETI faculty participated in the program.

The training aimed at building capacities & promoting collaborative learning among extension professionals through iECHO online platform.

Mr. Sanjay Joshie, Vice President, Echo India inaugurated the training programme. The sessions from ECHO training team covered the objectives, curriculum development, strategic planning & implementation strategy, etc. of ECHO programs. Sh. Ram Jatan Das, Manager, ECHO India and Ms. Bharti Madan, Deputy Director (IT), PAMETI played pivotal roles in the successful collaboration & organization of the program. Interactive sessions facilitated meaningful discussions and improved participants' understanding of the operational modalities of the ECHO platform.

Trainings under RKVY Projects:

Engendering Availabilities- Transforming Farm Women to She-preneurs through BUSINESS BIBAZ' model



A groundbreaking grassroots initiative tilted 'Business BIBAZ' was taken by PAMETI the objective of which is to transform rural women into entrepreneurs through capacity building. This initiative was formally inaugurated on October 15, 2025 under the guidance of Smt. Rakhee Gupta Bhandari, Hon'ble Principal Secretary (Food Processing), Punjab. Under this project, a total of 10 trainings were conducted during Jan-Feb., 2026, covering over 200 plus women candidates.

The following trainings were organized under this project:

Sr. No.	Training Title	Training Dates (2026)	Total Trainees
1	EDP on Mushroom Cultivation	January 6-8	11
2	Vermicomposting	January 27-29	15
3	Value Addition in Milk	February 4-6	17
4	Value Addition in Horticulture	February 10-12	30
5	Skill to Income Craft Entrepreneurship Programme	February 16-18	42 (2 Batches)
6	Entrepreneurial Bakery Processing Programme for Women	February 24-26	68 (2 Batches)
7	Food Processing	February 25-27	50 (2 Batches)

These programmes not only focused on imparting technical knowledge and practical skills to the trainees, but also emphasized financial literacy, awareness of government schemes and market linkages. To help participants transform the skills and ideas gained during the training into real opportunities, training kits were also provided so that they could develop their own products and begin their entrepreneurial journey.

Capacity Building of Farmers through Demonstrations & Trainings on Improved Production Technologies, Value Addition & Marketing for Sustainable Income Growth.

With the aim to enhance the capacity of farmers in adopting scientific agricultural practices, processing and value addition, this project under RKVY was undertaken. The project was meant to improve farmers' access to markets and equip them with essential marketing skills, thereby enhancing their competitiveness and income opportunities.

A total of 12 trainings each of 4 days duration was conducted (on and off campus) under this project in which 481 farmers (both male and female) participated. Major Training areas were:

Major Training Areas:

- Mushroom Cultivation
- Bakery Products
- Bee Keeping
- Agro-Biodiversity
- Value addition
- Vermi Composting
- Natural Farming, etc.

The training programmes adopted a highly practical approach, with emphasis on practical sessions, exercises, exposure visits and demonstrations. This enabled the farmers to directly observe modern technologies and their field-level applications. The response from the farmers was overwhelmingly positive. To facilitate immediate adoption of the skills acquired, training kits relevant to the respective training topics were also distributed among the participants. These kits were intended to help the farmers to initiate their own enterprises and translate the knowledge gained during the training into viable income-generating activities.

Expansion of Processing and Packaging Facilities of Horticultural Produce with Farmers' Capacity Building at PAMETI

A State-of-the-Art facility designed under RKVY scheme (2024-25) to enhance the value of perishable horticultural produce through modern post-harvest handling and packaging technologies, was expanded under this project (2025-26) by adding 11 new machines. This center has been established to support small and marginal farmers by providing them access to affordable packaging services that improve shelf life, maintain quality and reduce post-harvest losses.

A total of 5 one-day trainings were also organized for farmers to make them aware about the facilities available in this center and modern post-harvest handling techniques. More than 150 farmers were trained in these trainings which include both men and women. The feedback, received from the participating farmers, was highly encouraging and reflected the effectiveness of the training programmes.



Practical session in progress during training on "Bakery Products" under RKVY.



Visit of trainees to Food Industry Business Incubation Center, PAU.



S Kanwar Preet Singh, Progressive Mushroom Grower from Moga, at his farm with PAMETI trainees during exposure visit.



Trainees having hands-on experience on production of nursery of aromatic & medicinal plants during training on "Green Gold Initiative: Vermicomposting & Medicinal Aromatic Plant Cultivation" held at ATMA, Faridkot



Dr Arshdeep Singh, Dept. of Food Sc. & Technology, PAU delivering session on "Milk Testing & Quality Standards by FSSAI" to VERKA officials.



Dr. Surinder Singh Kukal, Lead, Environment & Climate Change Centre, MGSIPA, Chandigarh interacting with participants during Inaugural Session of the training.



Dr Neeru Katyal Gupta, IAS, Commissioner, MC, Ludhiana witnessing the products showcased by women entrepreneurs at the conclave.



Dr K B Singh, Director PAMETI addressing the women entrepreneurs during the conclave.

Business Appreciation Programme for VERKA officials

A one-day business appreciation programme for milk procurement officers of VERKA was organized on March 30, 2026 with the objective to enhance their knowledge about clean milk production, Standard Operating Procedures (SOPs) for milk procurement, importance of value chain in dairy sector, digital marketing and strategies for farmer engagement. A total of 14 officers attended this training.

The faculty from PAU, GADVASU and PAMETI interacted with the officers and discussed the topics, in detail, during the programme. The training helped officers in enhancing their capacity to work more effectively with dairy farmers and cooperative societies.

Climate Change Irrigation Water Management including Digital Tools

Climate change is posing serious challenges like rising temperatures, erratic rainfall patterns and declining groundwater levels etc. So, there is a need for adopting climate-smart irrigation practices to improve water-use efficiency and ensure sustainable agricultural production.

In view of this, a training was organized at Mahatma Gandhi State Institute of Public Administration (MGSIPA), Chandigarh on March 18, 2026 sponsored by PAMETI. It was attended by 29 officers from Dept. of Soil and Water Conservation, Punjab.

Dr S S Kukal and Dr. V.K Verma from MGSIPA inaugurated the training. Training covered efficient irrigation technologies in paddy & maize crops. Digitized climate adaptation measures were also discussed in detail. Trainees, in their feedback, expressed that the knowledge would help them in better implementation of water saving projects.

Women in Agriculture: Punjab Conclave

In order to encourage women entrepreneurship, PAMETI, in collaboration with College of Community Science, PAU successfully organized the conclave on March 16, 2026 under All India Coordinated Research Project on Women in Agriculture.

Dr Neeru Katyal Gupta, IAS Commissioner, MC Ludhiana was the Chief Guest on this occasion. In her address, she emphasized the need to transform agriculture from traditional farming to value-added agri-enterprises. Dr Meera Ansal, Dean, College of Fisheries, GADVASU; Dr Deepika Vig, Coordinator of Research, College of Community Sc., PAU and various faculty members from PAU also graced the occasion.

The event also featured 21 stalls by first-time entrepreneurs who showcased a variety of products including handmade candles, resin art, soaps, traditional food items, beverages and other value-added products. The initiative provided the participants with an opportunity to interact with visitors, receive feedback and promote their businesses.



Sh. Arshdeep Singh Thind, IAS, Hon'ble Administrative Secretary, Agriculture, Punjab; Dr S.S. Gosal, Hon'ble Vice Chancellor, PAU; Dr Jaswant Singh, Director, Dept. of Agriculture, Punjab; Dr K B Singh, Director PAMETI along with former Directors of PAMETI, faculty during Silver Jubilee Foundation Day Celebration.

Other Activities

- Director PAMETI and faculty attended the State Level Sanctioning Committee (SLSC) meeting of RKVY (2025-26) chaired by Sh. K. A. P. Sinha, IAS, Hon'ble Chief Secretary on December 14, 2025 at Chandigarh.
- Mr. Ravneet Singh, Deputy Director-PHT, made aware about Small Scale Processing and Packaging facility established at PAMETI to B. Tech students from Bihar on January 2, 2026.
- Director PAMETI and faculty attended the RKVY SLSC meeting for the year 2026-27 chaired by Sh. K. A. P. Sinha, IAS, Hon'ble Chief Secretary on January 14 and 30, 2026 at Chandigarh.
- Dr. Harmeet Kaur, Deputy Director-BM attended the stakeholder engagement meet on "Carbon Credit Adoption in Agriculture" as an expert contributor held at LPU, Phagwara on January 31, 2026.
- Mr. Ravneet Singh attended Annual Training Planning Workshop at MANAGE, Hyderabad on Feb., 12 & Session on "Future Requirements & Emerging Trends in Agriculture & Food Sc." at PAU on Feb. 25, 2026.
- PAMETI faculty attended "Review of ATMA scheme", organized by DA&FW, Govt. of India on Feb. 27, 2026.
- The contact classes and examinations for 18th batch candidates of Post Graduate Diploma in Agricultural Extension Management (PGDAEM) were organized from January 5-8 and February 23-26, 2026, respectively.
- The final examinations for candidates of two batches of Diploma in Agricultural Extension Services for Input Dealers (DAESI) held at PAMETI from March 17-19, 2026.
- Various farmers across the state used the facilities provided by the Small Scale Processing and Packaging Center of Horticultural Produce for the period from December to March 2026.

ABOUT PAMETI, Punjab

SAMETI in Punjab, known as PAMETI (Punjab Agricultural Management and Extension Training Institute), is a state-level training institute established on the campus of Punjab Agricultural University, Ludhiana. The institute imparts training to root and middle level extension functionaries from agriculture and allied departments in the areas of agricultural management and extension. It is the sole autonomous training institute in the state functioning by the funds provided under the "Krishionnati Yojna." (60:40) of Ministry of Agriculture and Farmers' Welfare, Govt. of India. It started functioning in Dec., 2000.



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