

**PUNJAB AGRICULTURAL MANAGEMENT & EXTENSION TRAINING INSTITUTE  
(PAMETI), PAU Campus, Ludhiana**

**PROGRESS REPORT  
(2018 –19)**

**Training Programmes Conducted**

**I. Under Main Scheme:**

S. No	Activities/ Workshop Organized	No. of Participants			No. of Man days
		Male	Female	Total	
1.	Alternatives for Crop Residue Management (09-13 April, 2018)	15	02	17	85
2.	Participatory Extension Approaches (17-20 April, 2018)	22	-	22	88
3.	Refresher Training Programme on Dairy Extension Management (07-18 May, 2018)	15	03	18	180
4.	Training Management Skills In collaboration with EEI, Nilokheri (22-25 May, 2018)	24	12	36	144
5.	MDP for Women Extension Functionaries (04-07 June, 2018)	-	27	27	108
6.	Role of ICTs in Agricultural Knowledge Management (08-12 June, 2018)	22	-	22	110
7.	Linking Farmers to Domestic & International Markets (2-6 July, 2018)	28	03	31	155
8.	Creating work life Balance for Professional Excellence (23-27 July, 2018)	30	03	33	165
9.	Front Line Demonstration for ATMA Officials (24 July, 2018)	28	07	35	35
10.	Food Security Groups under ATMA (26-27 July, 2018)	09	21	30	60
11.	Organic Farming – from Farm to Fork Approach (6-8 August, 2018)	30	03	33	99
12.	Extension Plus: Practicing beyond Transfer of Technology (27-31 August, 2018)	26	07	33	165
13.	Fertilizer Quality Control In collaboration with CFQC&TI, Faridabad (27-28 September, 2018)	53	08	61	122
14.	“Mahila Kisan Divas” celebration In collaboration with Dept of Agriculture & Farmers’ Welfare, Punjab (16 October, 2018)	-	48	48	48
15.	Refresher Training Programme on Livestock Extension Management (22 October-2 November, 2018)	16	02	18	162
16.	Upcoming Quality Standards of Honey (25 October, 2018)	78	01	79	79

17.	New Dimensions in Agricultural Marketing In collaboration with NIAM, Jaipur (27-29 November, 2018)	23	07	30	90
18.	Risk Management & Modern Market Systems for Agri. Commodities in collaboration with NIAM, Jaipur (21-22 February, 2019)	25	-	25	50
19.	Climate Resilient Agriculture In Collaboration with MANAGE, Hyderabad (18-20 March, 2019)	23	03	26	78
<b>Total</b>		<b>467</b>	<b>157</b>	<b>624</b>	<b>2023</b>

## II. Induction Training Programs:

1.	Induction Training Programme for Agriculture Officials- Module I (3-8 December, 2018)	53	18	71	426
2.	Induction Training Programme for Agriculture Officials- Module I (7-12 January, 2019)	64	14	78	468
3.	Induction Training Programme for Agriculture Officials- Module I (14-19 January, 2019)	21	18	39	234
4.	Induction Training Programme for Agriculture Officials- Module II (21-25 January, 2019)	44	12	56	280
5.	Induction Training Programme for Agriculture Officials- Module II (28 January-01 February, 2019)	62	14	76	380
<b>Total</b>		<b>244</b>	<b>76</b>	<b>320</b>	<b>1788</b>

## III. Skill Training for Rural Youth (STRY):

S. No	Activities/ Workshop Organized	No. of Participants			No. of Man days
		Male	Female	Total	
1.	Clean Milk production In collaboration with Dairy Training Centre, Amritsar (6-11 August, 2018)	15	-	15	90
2.	Poultry Rearing and Management In collaboration with ATMA, Ferozepur (7-12 August, 2018)	15	-	15	90
3.	Protected Cultivation of High Value Vegetables and Floriculture In collaboration with Soil & Water Engineering ,PAU (20-25 August, 2018)	15	-	15	90
4.	Vermicomposting, Rodent Pest & Bird Management In collaboration with Dept of Zoology, PAU (27 August-01 September, 2018)	15	-	15	90
5.	Integrated Pest Management in Crops, Fruits & Vegetable In collaboration with ATMA, Sri Muktsar Sahib (11-16 September, 2018)	15	-	15	90
6.	Harvesting, Cleaning, Grading, Transportation and Marketing of F&V In collaboration with PHPTC, PAU (17-22 September, 2018)	09	06	15	90

7.	Commercial Dairy Farming In collaboration with Dairy Training Centre, Rupnagar (24-29 September, 2018)	14	01	05	90
8.	Fish Rearing, Management & Marketing In collaboration with ATMA, Faridkot (24-29 September, 2018)	15	-	15	90
9.	Integrated Dairy Development In collaboration with Dairy Training Centre, Moga (8-13 October, 2018)	15	-	15	90
10.	Skill Training for Gardener In collaboration with Dept of Floriculture & Landscaping (8-13 October, 2018)	14	01	15	90
11.	Organic Farming, Production of Medicinal & Aromatic Plants in collaboration with School of Organic Farming (8-13 October, 2018)	12	03	15	90
12.	Soil Testing, Vermi-composting & Seed Production In collaboration with ATMA, Faridkot (12-17 November, 2018)	15	-	15	90
13.	Feed & Fodder Management In collaboration with Dairy Training Centre, Ludhiana (12-17 November, 2018)	14	01	15	90
14.	Organic Farming In collaboration with ATMA, Rupnagar (12-17 November, 2018)	15	-	15	90
15.	EDP on Mushroom In collaboration with Dept of Microbiology, PAU (26 November-01 December, 2018)	14	01	15	90
16.	Installation & Maintenance of Micro Irrigation System In collaboration with Soil & Water Engineering, PAU (26 November-01 December, 2018)	15	-	15	90
17.	Clean Milk production In collaboration with Dairy Training Centre, Ludhiana (3-8 December, 2018)	15	-	15	90
18.	EDP on Mushroom In collaboration with ATMA, Faridkot (10-15 December, 2018)	05	10	15	90
19.	Commercial Dairy farming In collaboration with Dairy Training Centre, Phagwara (4-9 February, 2019)	15	-	15	90
20.	Production of Bio-control Agents, Bio-pesticides and Bio- fertilizers (4-9 February, 2019)	14	01	15	90
21.	Rearing of Improved Breeds and Rearing of Cattle & their Management In Collaboration with Dairy Training Centre, Sangrur (11-16 February, 2019)	15	-	15	90
22.	Skill Training on Horticulture Produce In collaboration with State Department of Horticulture (11-16 February, 2019)	12	03	15	90
23.	Organic Farming & Production of Medicinal & Aromatic Plants In collaboration with School of Organic Farming (25 February-02 March, 2019)	12	03	15	90
24.	EDP on Aquaculture In collaboration with College of Fisheries, GADVASU (25 February-02 March, 2019)	15	-	15	90

25.	Nursery Management In Collaboration with ATMA, Faridkot (25 February-02 March, 2019)	15	-	15	90
26.	Commercial Dairy farming In collaboration with Dairy Training Centre, Phagwara (25-30 March, 2019)	13	02	15	90
27.	Livelihood Options for Women In Collaboration with ATMA, Faridkot (25-30 March, 2019)	-	15	15	90
<b>Total</b>		<b>358</b>	<b>47</b>	<b>405</b>	<b>2430</b>

#### IV. Rice Residue Management Training Programs Under SMAM:

S. No	Districts and Dates	No. of Participants			No. of Man days
		Male	Female	Total	
1.	Sri Amritsar Sahib, Barnala and Bathinda (21-22 August, 2018)	31	-	31	62
2.	Fatehgarh Sahib, Ferozepur and Faridkot (23-24 August, 2018)	32	-	32	64
3.	Fazilka and Gurdaspur (30-31 August, 2018)	26	-	26	52
4.	Hoshiarpur and Jalandhar (4-5 September, 2018)	24	-	24	48
5.	Kapurthala and Ludhiana (6-7 September, 2018)	51	-	51	102
6.	Mansa and Moga (10-11 September, 2018)	34	-	34	68
7.	Pathankot, Patiala and Rupnagar (13-14 September, 2018)	51	-	51	102
8.	SAS Nagar and Tarn-Taran (24-25 September, 2018)	26	-	26	52
9.	Sangrur, SBS Nagar and Sri Muktsar Sahib (3-4 October, 2018)	62	-	62	124
<b>Total</b>		<b>337</b>		<b>337</b>	<b>674</b>

\* 18 Demonstrations were also conducted under the same

#### V. Skill Development Programmes Under PMKVY:

S. No	Activities/ Workshop Organized	No. of Participants			No. of Man days
		Male	Female	Total	
1.	Agriculture Extension Service Provider at PAMETI (25 February-27 March, 2019)	12	08	20	500
2.	Agriculture Extension Service Provider at PAMETI (25 February-27 March, 2019)	06	14	20	500
3.	Agriculture Extension Service Provider at ATMA, Faridkot (05 March-08 April, 2019)	17	03	20	500
<b>Total</b>		<b>35</b>	<b>25</b>	<b>60</b>	<b>1500</b>

## VI. Training Programme under PMKSY:

S. No	Activities/ Workshop Organized	No. of Participants			No. of Man days
		Male	Female	Total	
1.	Water Resource Management for Sustainable Agriculture (25 March, 2019)	21	-	21	21
	<b>Total</b>	<b>21</b>	<b>-</b>	<b>21</b>	<b>21</b>

## VII. Open Training Programs:

S. No	Activities/ Workshop Organized	No. of Participants			No. of Man days
		Male	Female	Total	
1.	Smart Home Gardening (29 May, 2018)	29	27	56	56
2.	Smart Home Gardening (7 July, 2018)	14	12	26	26
	<b>Total</b>	<b>43</b>	<b>39</b>	<b>82</b>	<b>82</b>

## Other Programs and Activities:

### I. DAESI

- PAMETI started first batch of DAESI at ATMA, Faridkot on 2 September, 2018
- PAMETI started second batch of DAESI at PAMETI, PAU Campus, Ludhiana on 22 September, 2018
- PAMETI started third batch of DAESI at PAMETI, PAU Campus, Ludhiana on 16 March, 2019

### II. ACABC

- Interview of shortlisted candidates has been conducted on 26<sup>th</sup> March, 2019

### III. Consultancy Provided

- Providing consultancy to farmers for establishing Road Side Display (RSD) Models for self marketing and under the guidance, 6 farmers has already established their models
- Provided consultancy and prepared DPR for “Upgradation of Burgadi Gur Unit” at Faridkot, an Agro-processing unit of a progressive farmer
- Provided consultancy to bee-keepers, honey traders and exporters of Punjab regarding the quality standards of honey, which were expected to be updated from Jan, 2019.

#### **IV. Other Projects**

- PAMETI is undertaking a Demonstration Project entitled ‘**Climate and Clean Air Coalition (CCAC) to Reduce Short-Lived Climate Pollutants**’ in Punjab since 2017, sponsored by United Nation Environment Program (UNEP) and Climate & Clean-Air Coalition (CCAC). The project is being implemented in the selected six villages of Amritsar and Sangrur districts. The activities include: conducting need-based training program for the management of paddy & wheat residue and training to the farmers & extension functionaries of the area for the same. Each village is also provided with one Happy Seeder, PAU Straw Cutter-cum-Spreader and Mould Board plough to manage the straw effectively. In addition to this, farmers of adopted villages are also provided inputs for conducting the demonstrations under the project.

The project aims at creating no-burn model villages in the state as demo villages and improving the effectiveness of agricultural extension services and well-being of the farmers.

- PAMETI and The Food and Agriculture Organization (FAO) are working together in support of the Project “Strengthening Agriculture and Allied Sector Contributions in implementing India’s National Biodiversity Action Plan (NBAP) 2008 & National Biodiversity Targets (NBTs)”. Punjab State Biodiversity Board (PSBB) and Centre for Research in Rural & Industrial Development (CRRID) are also project partners.

PAMETI is acting as service provider for capacity building component in this project. The objective of the project is to increase capacity of national, state and local level actors in strengthening agriculture and allied sectors contributions in biodiversity conservation.

#### **V. Other Activities**

- Director, PAMETI attended meeting of Zonal Programme Management Committee (ZPMC), Zone-I held at ICAR-ATARI, Ludhiana on 20<sup>th</sup> April.
- Ms Bharti Madan, Ms Rupinder Kaur and Dr Harmeet Kaur, Dy. Directors, PAMETI attended Punjab AgriFood Conclave organized by Department of Industries & Commerce, Punjab at PAU on 16<sup>th</sup> May.
- Dr Harmeet Kaur, Dy. Director(BM) attended workshop on “Result Based Monitoring & Evaluation of Agricultural Projects” organized by LINARC at Gurugram from 28<sup>th</sup> May-1<sup>st</sup> June.
- Mr Lakhwinder Singh, Dy. Director (Mktg.) attended workshop on Facilitators for sensitization on DAESI programme at MANAGE from 12<sup>th</sup> -14<sup>th</sup> June.

- One day Workshop on Skill Training for Rural Youth (STRY) was organized on 19<sup>th</sup> June.
- Dr Harmeet Kaur, Dy. Director (BM) represented PAMETI at MANAGE in workshop under STRY on 27<sup>th</sup> June.
- Ms Rupinder Kaur, Dy. Director (HRM) represented PAMETI at MANAGE, Hyderabad for organizing programme under ACABC on 4<sup>th</sup> July.
- Ms Rupinder Kaur, Dy. Director (HRM) gave sessions on “HRM” and “Motivation” at ATMA Faridkot under ACABC on 13<sup>th</sup> July.
- Director, PAMETI was nominated as chairman of the selection committee of posts at ICAR-ATARI and conducted the interviews on 17<sup>th</sup> July.
- Director, PAMETI attended the meeting of extension council of GADVASU as member on 17<sup>th</sup> July.
- Mr Ravneet Singh and Ms Vandana, Dy. Directors, PAMETI attended training programme on “Breakthrough Technologies for productivity enhancement in Livestock sector” organized by MANAGE, Hyderabad at GADVASU from 21<sup>st</sup> – 28<sup>th</sup> July.
- A meeting with Deputy Registrar, Dept. of Cooperation, Punjab and other officials of the dept regarding starting of DAESI programme was held at PAMETI on 3<sup>rd</sup> August
- Director, PAMETI attended inauguration of DAESI programme at ATMA, Faridkot on 25<sup>th</sup> August
- Director, PAMETI attended meeting of ‘Coordination Committee on Skill Development’ in CRI Krishi Bhawan, New Delhi on 30<sup>th</sup> August
- Rupinder Kaur, Dy. Director-HRM, PAMETI delivered a radio talk on “Vocational Training Courses for Rural Youth” at AIR FM Gold, Ludhiana in September
- Director, PAMETI attended meeting of Strategic Support Group for International Projects at UN Economic and Social Commission for Asia (ESCAP) Conference Centre, Bangkok on 12<sup>th</sup> October
- PAMETI initiated a project in collaboration with FAO, UN on “Agro-Biodiversity”, regarding which the first Brainstorming Session has been held at Centre for Research in Rural and Industrial Development (CRRID), Chandigarh on 17<sup>th</sup> October
- Director, PAMETI delivered a lecture on “RSD Model: Self Marketing of Farm Produce” in Winter School on “Advances in Food Processing and Nutritional Linkages for Entrepreneurship Development” at PAU on 25<sup>th</sup> October
- Rupinder Kaur, Dy. Director-HRM, PAMETI selected as a member of Women Complaint Committee of ICAR-ATARI, Zone-I, Ludhiana

- Director, PAMETI attended meeting regarding designing and organization of induction/foundation training for newly recruited officials in DA&FW, Pb in the office of Punjab State Farmers & Farm Workers Commission, Mohali on 20<sup>th</sup> November
- Ms Bharti Madan, Dy. Director-IT, PAMETI delivered a session on “Video-conferencing” to the students of Extension Education, PAU
- Director, PAMETI was nominated as Chairman of selection committee for interview of various posts at ICAR, ATARI and attended its meeting on 10<sup>th</sup> December.
- Director, PAMETI was nominated as member for Zonal screening committee for screening of applications for Pandit Deen Dayal Upadhyay Rashtriya Krishi Vigyan Protsahan Puruskar- 2018. He attended its meeting on 30<sup>th</sup> December
- Mr Lakhwinder Singh, DD (Marketing) organized one day training on “Paddy Straw Compost Based Mushroom Cultivation” under UNEP project on 7<sup>th</sup> Jan.
- Director PAMETI delivered a session on “Skill Enhancement of Farmers- A Holistic Approach by PAMETI” at CIPHET, Ludhiana on 16<sup>th</sup> Jan.
- Dr Harmeet Kaur, DD (BM) attended State level workshop on ACABC Scheme at NABARD office, Chandigarh on 21<sup>st</sup> Jan.
- Director, PAMETI attended the debriefing program for conclusion of campaign on Crop Residue Management on 24<sup>th</sup> Jan. at Ludhiana and also delivered a session.
- Dr Harmeet Kaur, DD (BM) attended district level workshop on ACABC scheme at PAU on 30<sup>th</sup> Jan.
- Director, PAMETI attended “Kisan Sanman Samaroh” organized to honor farmers who adopted CRM practices at Jaladiwal on 3<sup>rd</sup> February
- Director, PAMETI and Ms Bharti Madan, DD (IT) attended the 43<sup>rd</sup> Vice Chancellors’ Convention on “Artificial Intelligence for Smart Agriculture” from 11-12 Feb.
- Dr Harmeet Kaur, DD (BM) attended district level Impact Assessment on Promotion of FPOs on 12<sup>th</sup> March.
- Director, PAMETI attended workshop on “Confronting Air Pollution at its Source” sponsored by North India Office, US Embassy in New Delhi from 14-15 March.

## **VI. Publications:**

- Brought out three editions of PAMETI Reporter - a Tri-Annual Publication (April-July 2018, August-November 2018 and December 2018-March 2019)
- A documentary on success story on Road Side Display model- A self marketing model of S Nirbhai Singh Khalsa, V.- Sukha Singh Wala, Bathinda has been prepared for dissemination.

- Dhaliwal, H.S. (2018). “Economics of in-situ Management of Paddy Straw”. Proceedings of National Seminar on Management of Paddy Straw for Bio-CNG, Manure, Employment and Swatchh Bharat. Pp. 44-51.
- A book on “Crop Residue Management” is in process.

## Annual Detail

	No. of Programmes	No. of Participants			No. of Man days
		Male	Female	Total	
<b>Total</b>	<b>36</b>	<b>818</b>	<b>131</b>	<b>949</b>	<b>4335</b>
<b>Average</b>	<b>3</b>	<b>23</b>	<b>4</b>	<b>26</b>	<b>120</b>