

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



**Second Three Days Training Workshop  
On  
Fruit processing and Preservation  
At  
Mingora Swat  
By  
PCSIR Laboratories Complex Peshawar  
In  
Collaboration and Coordination with Pak Army Mingora Swat Region  
(From February 20th to February 22nd, 2017)**



## **Initiatives taken by PCSIR for the development of area:**

In continuation to the previous training activity a **second three Days training workshop from 20<sup>th</sup> February 2017 to 22<sup>nd</sup> February 2017** was imparted at **Women Vocational Technical Training Centre**, Mingora Swat arranged by Pak Army. Initially processing and preservation of Apple, Citrus, Tomato and other vegetable were demonstrated and from which the following products were developed.

1. Apple jam
2. Apple Chuttni
3. Red syrup
4. Citrus Jam
5. Citrus Squash
6. Tomato Ketchup

The purpose of these preparations was to enhance the practical expertise of short listed/ selected participants of the first training and there was also a fresh training for new participants, such as

- New Fruits and Vegetables processing and preservation techniques:
- Dehydration, Syruping, Salting and Oiling were taught and demonstrated.
- The following new products were prepared:

1. Apple Leather/ Candies
2. Apple Chips (Sugar Treated, Simple Treated)
3. Vegetables dehydration, Onion, Okra, Cabbage, bitter gourd, etc



- **Advertisement for the training:**

It is pertinent to mention that the said activity was materialized in collaboration and coordination with Pak Army of the Swat region by arranging venue for the training and participants through advertisement and their full involvement throughout the said training workshop. PCSIR provided the Technical Expertise for processing and training material/equipments for the preparation of these products.

تربیت برائے معاشی و اقتصادی فروغ

سوات کے زرعی صنعتکاروں کے لئے خوشخبری

پاکستان کونسل برائے سائنس و صنعتی تحقیق کے اشتراک سے پاک آرمی کے زیر اہتمام

ووکیشنل ٹریننگ سنٹر (گلکدہ) میں 20 تا 22 فروری 2017ء تک

فوڈ پروسیسنگ اور تحفظاتی تراکیب

کی 'مفت تربیت' دی جا رہی ہے جس میں پھل اور وچھٹیل پروسیسنگ کے ترکیب کے علاوہ پھلوں سے رس نکالنا، سالٹنگ (Salting) اور آئلنگ (Oiling) کے آسان طریقوں سے بھی متعارف کروایا جائے گا۔ خواہشمند افراد اس نمبر پر رابطہ کریں: 0345-4069927

تفصیلات اور مزید معلومات کے لئے ان نمبرز پر رابطہ کریں: 0313-3203332 0342-8095663

PCSIR Pakistan Council of Scientific & Industrial Research Committed to Excellence

زراعت و صنعت کا فروغ — خوشحالی کی بنیاد

Government of Pakistan Ministry of Science & Technology

The training was attended by forty (40) participants.

### **Training Program:**

Dr. Javed Abbas Bangash briefed the participants about PCSIR and aims of the present training.

After briefing the formal training was started with Theoretical lecture on fruit processing and preservation techniques and afterword practical demonstration of apple jam and apple chips prepared by Master Trainer Mr. Muhammad Javid.

Lectures notes in Urdu were provided to participants and before the start of each technical session, the participants were briefed about the nutritious values, safety precautions, preservation importance, storage life of the prepared products, packing of the products and storage procedures.

The participants were trained about the hygienic procedures and extreme care was taken during production, processes and storage of the products.



### **Concluding Ceremony/ Certificate Distribution:**

After conducting training a concluding ceremony of certificate distribution among the participants was held.

The occasion was graced by the presence of worthy Chairman PCSIR Dr. Shahzad Alam and Commander Swat Region Brigadier Zafar Iqbal. They visited the stall of food products prepared during the training and appreciated. Afterward formal concluding ceremony was started with the recitation of the Holy Quran. The Commander Swat Region Brigadier Zafar Iqbal warmly welcomed the Chairman PCSIR Dr. Shahzad Alam

The Chairman PCSIR before starting his speech desired that he would like to listen the views of the participants about the training they acquired. Some of the participants expressed their views by appreciating the efforts of PCSIR Peshawar and Pak Army and also the fruitfulness of the training as it would be helpful to start their own business in future. They requested for further trainings. One of the participant also suggested that If possible such type of training should also be arranged in technical college situated in Mingora. So that student should also take benefit from these Trainings.

The Chairman PCSIR Dr. Shahzad Alam in his speech first of all thanked Pak Army and especially Brigadier Zafar Iqbal for his deep concern in the socio-economic development of the local community of Swat region and also for provision of facilitation to the Training Team of PCSIR. In

response of the views of training participants, he assured for the conduction of more such type of training programmes to get substantial results in the form of their own cottage industries, but it would be only possible, if they take keen interest in the learning and application of these techniques later on. Moreover The Chairman PCSIR, stated that Female training programmes will also be arranged if required, for which female instructor can be deployed. Taking on dehydration of fruits and vegetables the worthy Chairman PCSIR said that solar dehydrator should be used for bulk and quick production and PCSIR will provide it to Pak army for placing at the training Centre.

In the concluding remarks, Dr. Shahzad Alam, Chairman PCSIR said that the initiative of organizing such a productive workshop will exploit the resources of the Swat region which will prove a gateway for its socio-economic uplift. He also pushed for the trainees to utilize the expertise gained during the training up to the maximum extent in the days to come. He also promised that a mechanism for marketing the products of the trainees would be developed in consultation with the Pak Arm in Swat.

At the end certificates were distributed among the participants.

