

REPORT ON THE 6TH DAY OF THE GREEN SKILL DEVELOPMENT PROGRAMME (GSDP)

Certificate Course on "Apiculturist (Wild Bee) – NTFP" for ST Candidates

Conducted by:

EIACP Hub Manipur, Department of Environment & Climate Change, Government of Manipur

Day: 06

Date: 22 September 2026

Venue: College of Agriculture, Iroisemba, CAU, Imphal

Mode: Practical and Hands-on Training Session

Resource Persons:

1. Arambam Suchitra Devi, Bee Professional, AICRP – HB & P
2. Lourembam Robindro, Apiarist, AICRP – HB & P

Proceedings of the 6th Day

The sixth day of the Green Skill Development Programme was conducted on 22 September 2026 as a hands-on practical training session for the trainees. The session was conducted by Arambam Suchitra Devi, Bee Professional, with the support of Lourembam Robindro, Apiarist, AICRP–HB&P. The session included practical demonstrations on honey processing and value addition through the utilization of beeswax.

1. Demonstration of the Honey Processing Unit

The trainees were introduced to the Honey Processing Unit, which consists of two chambers. The resource person explained the various stages involved in processing raw honey into processed honey. The major steps demonstrated were:

1. Heating of Water: Water is heated for approximately 30 minutes as part of the processing operation.
2. Blending/Warming of Honey: Honey is blended and warmed at approximately 60°C.
3. Filtration: The honey is filtered to remove impurities and unwanted particles.
4. Moisture Reduction: The moisture content is reduced while maintaining the Total Soluble Solids (TSS) at approximately 75–78%.
5. Processed Honey: After completing the above stages, the honey is obtained as processed honey suitable for further handling and packaging.

The practical demonstration helped the trainees understand the importance of proper processing, filtration, moisture control, and hygienic handling in maintaining the quality of honey.

2. Candle Making Using Beeswax and Comb Foundation Sheets

A practical demonstration was also conducted on the utilization of beeswax for preparing value-added products. The trainees were shown the step-by-step process of making candles by rolling and shaping comb foundation sheets. The demonstration highlighted the potential of beeswax as a useful material for producing value-added products. The trainees also gained hands-on experience by preparing candles using comb foundation sheets under the guidance of the resource person.

3. Interaction on Safe Beekeeping and Honey Conservation

The trainees also participated in an interactive session with Lourebam Robindro on safe beekeeping practices and the proper conservation, storage, and handling of honey. The discussion emphasized the importance of maintaining safety while working with bees, adopting appropriate beekeeping practices, and ensuring proper storage and preservation of honey to maintain its quality.

Conclusion

The sixth day of the GSDP Certificate Course on "Apiculturist (Wild Bee) – NTFP", conducted by EIACP Hub Manipur, Department of Environment & Climate Change, Government of Manipur, provided the trainees with valuable hands-on experience in honey processing, beeswax utilization, candle making using comb foundation sheets, safe beekeeping practices, and honey conservation. The practical demonstrations and interactive session strengthened the trainees' understanding of the technical and value-addition aspects of beekeeping and encouraged them to apply the knowledge and skills acquired during the training programme.

Glimpses of the 6th day of the Green Skill Development Programme (GSDP) – Certificate Course on “Apiculturist (Wild Bee) – NTFP” for ST Candidates, conducted by EIACP Hub Manipur, Department of Environment & Climate Change, Government of Manipur, at the College of Agriculture, Iroisemba, CAU, Imphal, on 22 September 2026.











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