

Brief Report on the Training on Bee Keeping Course in Capacity Building for Managers at the University Of Agricultural Sciences, Bengaluru, Department of Apiculture from 25th November 2013 to 30th November 2013.

Beekeeping course on Capacity Building was organized at the University of Agricultural Sciences, Department of Apiculture, Bengaluru from 25th November 2013 to 30th November 2013 for the Functional Managers/Asst Director Cottage Industries/Project Managers/IPOs/AIO of the Commerce and Industries Department, Meghalaya . The Training was attended by the following officials from all the Districts of the Commerce and Industries Department .

1. Shri J.N.Areng, Functional Manager, DCIC, Tura.
2. Shri S.Majaw, Manager (CFSW),DCIC,Shillong.
3. Shri I.Z.Wreang, Functional Manager, DCIC, Jowai.
4. Shri Tarzan Ch. Sangma, ADCI, DCIC,Williamnagar.
5. Shri S.Shadap, Functional Manager, DCIC, Nongstoin.
6. Shri B.F.Sunn, Functional Manager, DCIC,Shillong.
7. Shri Chengreng D.Sangma, Project Manager, DCIC, Baghmara.
8. Smti W.S.Bamon, , Project Manager, DCIC, Nongpoh.
9. Shri G.Pala, Project Manager, DCIC, Nongstoin.
- 10.Shri Charming D.Sangma, IPO, DCIC, Williamnagar.
- 11.Shri M.Hajong, IPO, DCIC, Baghmara.
- 12.Shri Richard V.L.Nongbri, IPO,DCIC,Jowai.
- 13.Smti B.D.Muktieh, AIO,DCIC,Nongpoh.
- 14.Shri Arkitboklang Malngiang, IPO,DCIC,Jowai.

The training was basically about capacity building on knowledge of beekeeping, its methodology and techniques, challenges in pursuing the trade and also about enterprising the activity to a whole new level which will not only benefit the bee farmers but the society as a whole.

DAY 1. The Course was started with an Inaugural Function where all Officers were registered and introduced themselves and also from the Faculty of the Apiculture Department related with the course. Then the training programme starts with a lecture on overview of Beekeeping Industry in India by Prof. L.R.Verma.

It was then followed by a lecture on anatomy of bees and presentation on definition and attributes of beekeeping, stake holders of Beekeeping constraints and potential of Beekeeping in India, prerequisites for starting beekeeping enterprises, Apitherapy, lecture/Practical/Live Demonstration on

bee management practises. This lecture was taken by Prof. Gavi Gowda and Shankarnaryana. Then in the afternoon all were taken to the bee farm inside the campus (AICRP on Honey Bees and Pollinators) for more knowledge on management practices by Gavi Gowda. Slides show on success stories on Beekeeping from various places were also given by Prof. L.R.Verma.

DAY 2. Smt B,V.Shweetha, took a session on Beekeeping equipments, multiplication of colony. It was also discussed on various ways to unite the colonies and also artificial feeding for bees. Then we were taken within the campus for further lecture and live demonstration on capturing bees from termite and method how to transfer bees to nucleus box. Then we were given hands-on experience for bee sting which is also known as api therapy and also the way how to tie a comb in frames.

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DAY 3: Lecture on Honey Analysis was also discussed in details and safe use of pesticides, various tests were also explained and demonstrated which was presented by Mr Vijayakumar K.T. After lunch we had hands on experience on seeing the Dorsata or Rock Bees at the cliff of high buildings of the University. Then we were taken to a Honey Processing plant inside the campus only.

DAY4: Exposure Field Trip to Puttur have been arranged where the President of the South Karnataka Bee Keepers Co-operative Society Limited, Puttur alongwith other Office Bearers briefed about its society formation, background, activities etc. and interaction with all participants . After which we were taken to Mr Harish Kodla of Padhyana keeping melifera and cerena indica bees . Then we proceed to Madikeri and halt.

DAY 5: Visit to Coorg Honey Industry of Shri Maddani Gowda, an entrepreneur who set up beekeeping and honey processing unit in its simplest method by availing Financial Assistance through PMEGP . His products other than honey are bee keeping equipments and bee colonies too. This has been identified as a very good model for apiary in Meghalaya in the beginning.

We also proceed to the Packaging factory of Smti Chayaa Nanjappa, of "Nectar Fresh" which is an ISO 9001-2008 & 22000-2005 Certified Company packaging pure honey and food products at Mysore . She collect mostly Dorsata Honey from bee farmers all over the country and packed in different packaging, pouch

and bottles. She did value added products with other fruits also. Then we proceed back to Bengaluru.

DAY 6: In the morning session slide/video film on Beekeeping has been shown. Then we had an interactive and brain storming session and feedback about the whole training programme on what we had learned and after a thorough discussion, few suggestions/recommendations from all participants under the guidance of Prof L.R.Verma, Consultant AFC/Adviser, MIE, Govt.of Meghalaya and Dr N.S.Bhatt, Principal Investigator, Dept of Apiculture, UAS were emerged and enclosed separately at Annexure-I.

Then the Training ends with Valedictory function and Certificate distribution by the Chief Guest, Dr H. Shivanna who is the Dean (Agri) of UAS, Begaluru.