

Integrated Beekeeping Development Centre (An Indo-Israel Project), NH-1, G.T. Road, Ramnagar (Kurukshetra), Haryana-136135, Email: ibdcramnagar@gmail.com, Facebook: [ibdcramnagar](https://www.facebook.com/ibdcramnagar), Phone No. 99963-95694



The Integrated Beekeeping Development Centre (IBDC), Ram Nagar, Kurukshetra is a joint exercise of Haryana Govt., MASHAV and CINADCO with the assistance of professional and technical experts from India and Israel.

This centre for honey bees has been well furnished with infrastructure facilities for beekeepers and farmers training programme as well as with technological managements of bee hives, pest and disease, multiplication of queens and role of honey bee in pollination of Agricultural and Horticultural crops. The centre is also promoting automatic processing of honey, quality control, value addition of honey, manufacturing of quality beehives and comb foundation sheet for the benefit of beekeepers in the state.

The centre was established in 2017-18 by the Department of Horticulture, Govt. of Haryana with funding from the Govt. of India. The centre organizes the 01, 03, 04 & 45 days training programme on "Scientific Beekeeping". The itinerary of the above said 4 days scientific beekeeping training programme is given below:

(ITINERARY)

Date	Time	Programme
Day 1	09.00 -10.00 AM	Registration of the participants
	10.00 – 11.00 AM	Introductory talk about the programmes and activities of IBDC
	11.00 - 11.15 AM	Tea Break
	11.15 - 12.15 PM	Visit to Honey processing plant, Honey testing lab, Comb foundation and Bee hive manufacturing units and Apiary Unit of IBDC
	12.15 - 01.00 PM	Present status & prospects of beekeeping in Haryana
	01.00 - 02.00 PM	Lunch Break
	02.00-03.00 PM	i) Species of honey bees ii) When and how to start bee keeping
	03.00 -03.45 PM	Biology and behaviour of honey bee
	03.45 -04.00 PM	Tea Break
	04.00 -05.00 PM	Equipments/Implements required for bee keeping
Day 2	09.00-10.00 AM	Honey bee as a source of pollination for different horticultural / agricultural crops
	10.00-11.00 AM	Colony organization, life cycle and division of labour in honey bees – Practical
	11.00 - 11.15 AM	Tea Break
	11.15-12.15 PM	Bee flora & fauna available in the State of Haryana and migration of bee colonies
	12.15 – 01.00 PM	Management of bee colonies during different seasons (winter, spring, summer & monsoon)

	01.00 - 02.00 PM	Lunch Break
	02.00 - 03.45 PM	Quality control, testing and handling of honey – Practical
	03.45-04.00 PM	Tea Break
	04.00-05.00 PM	To share personal field experiences with the participants regarding successful bee keeping
Day 3	09.00 – 10.00 AM	Pesticidal hazards to honey bees and their management
	10.00 – 11.00 AM	Bee hive products to enhance income of the bee keepers
	11.00 - 11.15 AM	Tea Break
	11.15 – 01.00 PM	Value addition of honey products - practical
	01.00 – 02.00 PM	Lunch Break
	02.00 – 03.00 PM	Honey bee enemies and their control / management
	03.00 – 03.45 PM	Financial as well as technical facilities provided by the Horticulture Department, Haryana to the farmers / Beekeepers
	03.45 – 04.00 PM	Tea Break
	04.00 – 05.00 PM	Absconding, robbing and swarming of honeybees and their control
Day 4	09.00 - 10.00 AM	Diseases of honey bees and their control
	10.00 - 11.00 PM	Composition of honey and its physical properties
	11.00 - 11.15 AM	Tea Break
	11.15 - 01.00 PM	Queen rearing and multiplication of bee colonies
	01.00 – 02.00 PM	Lunch Break
	2.00 - 03.00 PM	Honey extraction, storage, processing, bottling, labeling and marketing of honey
	03.00 – 03.45 PM	Economics of bee keeping
	03.45 – 04.00 PM	Tea Break
	04.00 – 05.00 PM	Evaluation, discussion, feedback and concluding session

Training Calendar for the Financial Year 2019-20

Sr. No.	Name of Month	Training Dates	Total Seats
A. Training course in scientific beekeeping for the farmers/beekeepers of Haryana & other States			
1.	May, 2019	14-17 May, 2019	20
2.	June, 2019	25-28 June, 2019	20
3.	July, 2019	09-12 July, 2019	20
4.	August, 2019	20-23 August, 2019	20
5.	September, 2019	10-13 September, 2019	20
6.	September, 2019	24-27 September, 2019	20
7.	October, 2019	14-17 October, 2019	20
8.	October, 2019	22-25 October, 2019	20
B. Skill oriented long term training in “Scientific Beekeeping” for the farmers/beekeepers of Haryana and other State under Agriculture Skill Council of India (ASC), Level 4, QP Reference ID-AGR/Q5301			

9.	Nov-Dec, 2019	13.11.2019 to 27.12.2019	20
10.	Jan-Feb, 2020	06.01.2020 to 19.02.2020	20
C. Advance training in queen rearing techniques & collection of pollen, propolis & royal jelly, etc. for the farmers/beekeepers of Haryana & other States			
11.	February, 2020	25-28 February, 2020	20
12.	March, 2020	17-20 March, 2020	20
D. Refresher course for the progressive beekeepers of Haryana under Recognition of Prior Learning (RPL) programme of Agriculture Skill Council of India (ASCI)			
13.	May, 2019	28-30 May, 2019	20
14.	June, 2019	12-14 June, 2019	20
15.	July, 2019	24-26 July, 2019	20
16.	August, 2019	05-07 August, 2019	20
17.	August, 2019	28-30 August, 2019	20
18.	September, 2019	17-19 September, 2019	20
19.	October, 2019	09-11 October, 2019	20
20.	November, 2019	06-08 November, 2019	20
21.	January, 2020	01-03 January, 2020	20
22.	March, 2020	25-27 March, 2020	20
E. One day sensitization/ orientation training courses in "Scientific beekeeping" for different Govt. official and others			
23.	May, 2019	08.05.2019	25
24.	July, 2019	18.07.2019	25
25.	August, 2019	09.08.2019	25
26.	November, 2019	05.11.2019	25

Details of Participants for Training :



1. The training programme will be for 04 days and timing will be from 09:00 am to 05:00 pm.
2. There will be total 20 seats in each training programme.
3. Training fee @ Rs. 4000/- (Rupees four thousands only) per participant will be charged from the farmers/beekeepers of other than Haryana State.
4. The centre will provide training material, Lodging & boarding facilities (Breakfast, Lunch, Dinner & tea, etc.) to the participants during the training programme.

Deputy Director Horticulture
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