

- ⇒ To promote export of honey, various Institutions are set up by Govt. of India & the state governments such as →
- APEDA (Agricultural products Export Development authority) under the aegis of Ministry of Commerce & Industry, Govt. of India, is the nodal agency to promote exports of honey.
 - TRIFED (Tribal Co-operative Marketing Development federation Ltd) has been playing an imp. role by providing training to tribals in the scientific cultivation & harvesting of wild honey.
 - EIC (Export Inspection Council) under the Union Ministry of Commerce arranges for quality testing of honey.
- Initially in 1953, there were ~~1230~~ ^{around} 230 beekeepers who maintained around 800 bee colonies in modern bee boxes producing 1200kgs of honey annually.
- Presently, it is estimated that 25 Lakh bee colonies, 2.50 lakh beekeepers harvest around 60,000 MT of honey which valued Rs 480 crores.

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Bee-Keeping Industry → Recent efforts

- KVIC (Khadi & Village Industries Commission, 1956) introduced modern beekeeping in rural areas of India with a view to uplift the financial status of people.
- KVIC established a separate department namely Directorate of Beekeeping in Mumbai & Central Bee Research & Training Institute at Pune (1962).
(BRTI)
- It started beekeeping in modern & scientific ways throughout the country by establishing State Bee Keeping Extension Centres in potential states include Punjab, Haryana, HP, UP, Bihar & West Bengal.
(BEC's)
However, quality honey reportedly comes from JK & HP.
- The All India Beekeepers Association has made laudable contributions to the development of Bee-keeping & disseminating information about honey trade through its publication Indian Bee Journal.

- Infrared technology (IR) using heat detecting cameras, the health & vitality of bees can be quickly evaluated during all kinds of weather.
- Light detection & ranging (LIDAR) uses laser light to recognise bee size, wing beat frequency, flight movements etc.
- RNAi (RNA interference technology to inhibit RNA expression) is being developed to overcome viral infections.

There are numerous issues & problems in these technologies but overtime it is likely to improve the various issues of apiculture.

- SBECs impart training to prospective beginners & giving skill upgradation to Beekeepers/farmers in honey production aspects.
- KVAFSU took up a target of training 2 lakh people in the country in 2015-16 & all SBECs are making relentless efforts to achieve the set target.

Revolution in Beekeeping with new technology →

- In the age of internet, beekeepers can easily know about bees, rearing, diseases, management & even marketing.
- One ~~advant~~ aspect of this technological revolution is "smart hive". That consists of sensors to monitor & measure hive weight, brood nest temperature, relative humidity & sound levels in the hive.
- Radio-frequency identification (RFID) tags may be used to help track hive performance or make identification in case of thefts easier.