

"Sustaining Nature's Balance: The Apiary and honey processing unit Initiative at SLIET"

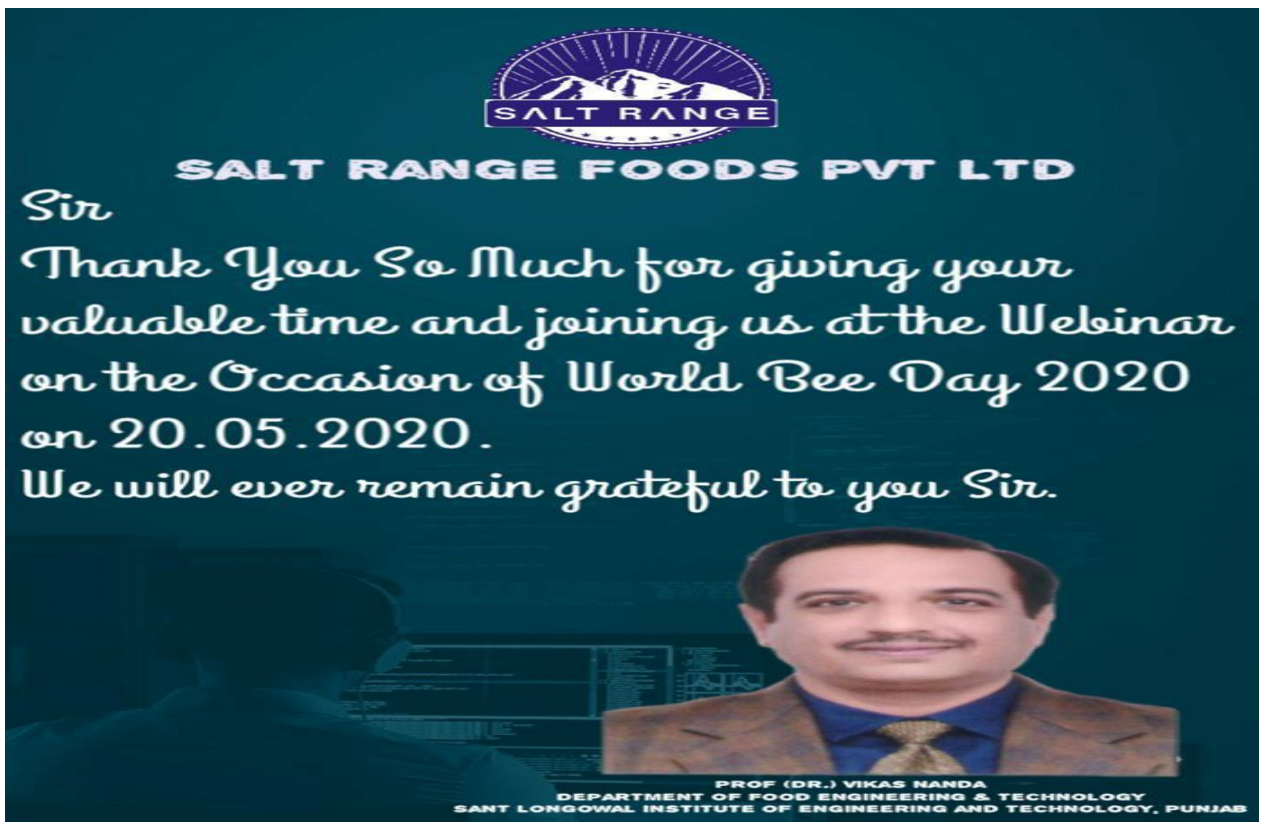
Establishing the apiary on 13th April, 2018, by Prof. Vikas Nanda at SLIET (Sant Longowal Institute of Engineering and Technology) has proven to be a significant step in maintaining the ecosystem. With a focus on promoting beekeeping and conserving honeybee populations, the apiary has had a positive impact on the local environment and biodiversity. Honeybees play a crucial role in pollination, enhancing the growth and reproduction of various plant species. By providing a safe and thriving habitat for bees, Prof. Vikas Nanda's initiative has not only contributed to increased crop yields in the surrounding agricultural lands but has also supported the growth of wildflowers and other vegetation. The presence of a healthy bee population in the region has created a balance in the ecosystem, leading to improved air quality and enhanced ecological stability.



Furthermore, the establishment of the apiary has had a ripple effect on the local community and the student body at SLIET. Prof. Vikas Nanda's efforts have raised awareness about the significance of bees and their critical role in sustaining the environment. The apiary serves as an educational platform, allowing students to learn about beekeeping, bee behavior, and the importance of pollinators in the ecosystem. This knowledge equips them to become future environmental stewards who actively participate in safeguarding the delicate balance of

nature. Additionally, the honey produced by the apiary has been used for the research work in the Animal product Lab of the Department.







प्रधानमंत्री सूक्ष्म खाद्य उद्योग उन्नयन योजना (पीएम एफएमई योजना)

दिनांक: 15 मई 2021, समय: सुबह 10:00 से शाम 4.30 बजे तक



उद्घाटन, PMFME दिशानिर्देश
और सुविधाएँ

Dr. Ashutosh Upadhyay
NIFTEM
10:00 AM to 11:00 AM



शहद प्रसंस्करण और मूल्य वर्धन पर
उद्योग की संभावना

Dr. Vikas Nanda
SLIET Longowal
11:30 AM to 12:30 PM



शहद प्रसंस्करण में गुणवत्ता का
आकलन

Dr. BL Saraswat
Executive Director (NBB)
1:30 PM to 4:30 PM

स्टेकहोल्डर्स एफपीओ / एग्रीगेटर्स / उद्यमी के साथ बातचीत



National Institute of Food Technology Entrepreneurship and Management

Ministry of Food Processing Industries, Government of India
Plot No. 97, Sector 56, HSIIDC, Industrial Estate, Kundli, Sonapat, Haryana 131028

Azadi Ka Amrit Mahotsav

One District One Product (ODOP)

Webinar on

Honey Processing, Value Addition and Business Opportunities (in Punjabi Language)

Under
PM Formalisation of Micro Food Processing Enterprises Scheme
(PMFME SCHEME)

Date: 14th May 2021, Time: 10:00 am to 2.00 pm

 Dr. C Vasudevappa 11 th Vice Chancellor NIFTEM	 Dr. Vikas Nanda Prof. Food Eng. SLIET Longowal	 Dr. BL Saraswat Executive Director (NBB)	 Mr. Amit Gupta Director Indocan Honey
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10:00 AM to 11:00 AM Inaugural Address Dr. C Vasudevappa	11:00 AM to 12:00 PM Industry Prospective on Honey Processing and Value Addition Dr. Vikas Nanda	12:00 PM to 1:00 PM Quality Assessment in honey Processing Dr. BL Saraswat	01:00 PM to 2:00 PM Interaction with stakeholders FPOs/Aggregators/Entrepreneurs Mr. Amit Gupta
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Webinar Will Be conducted via "Cisco Webex"
Registration link: <https://forms.gle/a9dEhcr3HKui7Ge9>
Session link: <https://niftemkundli.webex.com/j.php?MTID=m9b1c3985c542537563139b0dc3c68e13>

Last Date for Registration: 12 - 05 - 2021

For further information, please contact
National Institute of Food Technology Entrepreneurship and Management
Ministry of Food Processing Industries, Government of India
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Email ID: pmfmeccell@niftem.ac.in

Who Can Participate?
Micro Food Processing Entrepreneurs
Farmer Producer Organization (FPOs)
Self Help Groups (SHGs)
Cooperatives
State Nodal Department Officials





The honey, propolis, and pollen obtained from the apiary at SLIET have not only contributed to maintaining the ecosystem but have also been utilized for groundbreaking research purposes. One such research project titled "Process Development and Validation for Evaluating Adulteration in Honey" was undertaken in collaboration with BARC (Bhabha Atomic Research Centre), Mumbai of amount Rs 33 lacs. This research aimed to develop innovative methods for detecting honey adulteration, a critical concern in the food industry. The successful execution of the project led to a consultancy valued at Rs. 5,36,900/- from Maricos Limited - Research and Development in the year 2023. Maricos Limited, a prominent company known for its successful launch of Saffola Honey, recognized the significance of this research and its potential impact on the quality and authenticity of honey products. This collaboration showcases how the apiary initiative at SLIET goes beyond ecological preservation and also fosters cutting-edge research for the betterment of the food industry and consumer confidence.

Overall, Prof. Vikas Nanda's visionary initiative has demonstrated how small steps in beekeeping can yield substantial positive impacts on the ecosystem and foster a sense of environmental responsibility among the youth.