

Webinar on Bees, Environment and Human- Beings

Avani, the Environment Club of Janki Devi Memorial College in collaboration with IQAC - Centre for Universal Values and Ethics organised a national webinar on the topic “Bees, environment and human beings: Mutually beneficial interactions” under the Living Ethically with Nature Series (LENS) on November 18, 2023.

The speaker for the event was Dr. Jaspal Singh, an achiever of young scientist award in 2003, a Principal Investigator of the Best Research Centre ICAR-All India Coordinated Research Project on Honey Bees & Pollinators (2016, 2022, 2023), also a member of FAD-3 committee of ‘Bureau of Indian Standards’ Trained faculty and students at Egerton University, Kenya under US-India-Kenya trilateral programme and helped them develop their modern apiary.

Prof. Singh started the lecture by explaining the different species, categories and the development and the time span of bees, and also explained about the honey granulation process. He elaborated that bees are not only honey producers but also important in different sectors and have a huge importance in pollination. He further focused on an alarming decline in the bee population and the reasons for the same. He also explained the effect of pollution on bees. He shared on how to get involved with the bees and gradually explained how bees, nature and human beings are interlinked with each other and how without them regeneration of nature cannot happen.

He appealed to the participants to contribute for saving the bees.

His deep knowledge and the enthusiasm of all the participants made this event a great success

Janki Devi Memorial College (University of Delhi) AVANI - The Environment Club & IQAC - Centre For Universal Values and Ethics presents National Webinar (Under Living Ethically with Nature Series : LENS 2023) BEES, ENVIRONMENT & HUMAN BEINGS: MUTUALLY BENEFICIAL INTERACTIONS					जानकी देवी मेमोरियल कॉलेज (दिल्ली विश्वविद्यालय) अवनि - पर्यावरण क्लब और आईक्यूएसी सेंटर फॉर यूनिवर्सल वैल्यूज एंड एथिक्स प्रस्तुत करता है लिविंग एथिकली विद नेचर सीरीज 2023 के तहत राष्ट्रीय वेबिनार मधुमक्खियाँ, पर्यावरण और मनुष्यः पारस्परिक रूप से लाभप्रद बातचीत				
 Dr. Jaspal Singh (Won Young Scientist Award (2003), 'Best Research Centre ICAR-All India Coordinated Research Project on Honey Bees & Pollinators (2016, 2022, 2023) as Principal Investigator of the Project)					 डॉ. जसपाल सिंह (युवा वैज्ञानिक पुरस्कार जीता (2003), 'सर्वश्रेष्ठ अनुसंधान केंद्र आईसीएआर-शहद मधुमक्खियों और परागणकों पर अखिल भारतीय समन्वित अनुसंधान परियोजना (2016, 2022, 2023) परियोजना के प्रधान अध्यक्ष के रूप में)				
DATE : 18 November, 2023 LOGIN TIME : 2:20 PM PLATFORM : ZOOM					तिथि : 18 नवंबर, 2023 लॉगिन समय : 2:20 अपराह्न प्लेटफॉर्म : जूम				
Zoom Meeting Link: https://us06web.zoom.us/j/87968721912?pwd=MKLcSbhmw55AY87gyup5TjkqZPhdM.1					जूम मीटिंग लिंक: https://us06web.zoom.us/j/87968721912?pwd=MKLcSbhmw55AY87gyup5TjkqZPhdM.1				
Sanjana Mittal (STUDENT COORDINATOR)	BHAVANA PAL (FACULTY COORDINATOR)	VANDANA MADAN (CONVENOR)	DR. PRERNA ARORA (DIRECTOR)	PROF. SWATI PAL (PRINCIPAL)	संजना मिश्रा (छात्र समन्वयक)	भावना पाल (सहायक समन्वयक)	वन्दना मदन (संयोजक)	डॉ. प्रेरणा अरोड़ा (निदेशक)	प्रो स्वाति पाल (प्रधानाचार्य)

World Bee Day event hopes to (not) shine a light on pollinators

Save Bees to have prosperous society and healthy environment

Produce, Sell and Consume Honey

Improve crop productivity and quality

Be Healthy and Wealthy

How can we contribute ?

- Plant bee floral plants for decorative purposes on balconies, terraces, and gardens
- Encourage and participate in plantation drives
- Raise awareness among children and adolescents on the importance of bees to environment and society
- Avoid pesticide use in kitchen gardens. Use judiciously, if needed
- Reduce pollution (air, water, noise, light)

Head Thorax Abdomen

Head: Compound eye, Mandible, Glossa, Foreleg, Hindleg, Wings, Heart, Stomach, Honey stomach, Ventral nerve cord, Malpighian tubules, Anus, Genitalia

Thorax: Heart, Stomach, Honey stomach, Ventral nerve cord, Malpighian tubules, Anus, Genitalia

Abdomen: Heart, Stomach, Honey stomach, Ventral nerve cord, Malpighian tubules, Anus, Genitalia

Do we need to conserve bees only for its honey and other hive products ?

- Employment generation
- Boost to Transportation
- Local fabrication encouragement
- Increase in crop productivity
- Improvement in food quality
- Source of foreign currency
- Value-added products sector development
- Maintaining plant diversity
- Helping in conservation of forest areas

Development of Honey Bee

Egg, Larva, Pupa, Adult

Webinar grid showing participants

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