



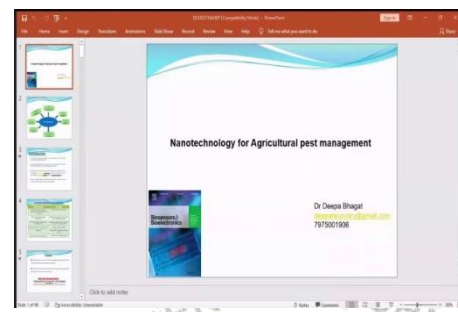
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Principal Investigator - IDP

WEEKLY PROGRESS REPORT (10.1.2022 - 14.01.2022)

Activity 1

NAHEP IDP SKUAST Jammu, has organized one day webinar on “**Nanotechnology Applications in Agricultural Pest Management**” in collaboration with ICAR – National Bureau of Agricultural Insect Resources , Bangaluru , Karnataka on 13.1.2022. Dr. Deepa Bhagat , Principal Scientist, Organic Chemistry, with ICAR – National Bureau of Agricultural Insect Resources , Bangaluru , Karnataka was the guest speaker. In the lecture Dr. Bhagat discussed her innovations on delivery of pheromones and fertilizers using nanogels. She also discussed about different types of sensors such as Pheromone Nanosensors, Urea Sensor, Pesticide Sensor, Oxalate Sensor and Virus Sensor which can be very handy tools in precision agriculture. She also made reference to different chemical processes involved in development of nanogels/nanosensors and patents granted. After the lecture there was a healthy discussion and both students and faculty members interacted with the esteemed speaker. The lecture was attended by more than 100 participants comprising of students and faculty members.



Sd/-
(B C Sharma)
Principal Investigator

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