

**ONE DAY WORKSHOP ON
NANOTECHNOLOGY IN AGRICULTURE: A FOCUS ON
INSECTS AND INSECT RESOURCES
19th March, 2016**

Nanotechnology is a prime ground breaking scientific field in recent decades and it has the promise to modernize agricultural research and development with wonderous new tools for enhancing nutrient production, disease detection and treatment. ICAR-NBAIR organized a day-long workshop on “Nanotechnology in agriculture: A focus on insects and insect resources” here on Saturday 19th March, 2016. The inauguration was ably preformed by the honourable Director Dr. Abraham Verghese. The initiative to organize such a workshop on nanotechnology was taken by Dr Deepa Bhagat, Senior Scientist, ICAR-NBAIR. Dr (Mrs). Chandish Ballal, Head of the Division of Insect Ecology welcome all the participants. The forty three participants were from various ICAR institutes, Agricultural Universities and Research & Development laboratories across India. Mr. Gadhadar Reddy, Managing director, NoPo Nanotechnologies India Pvt. Ltd. presented about single walled carbon nanotubes and their applications in agriculture. Mr. Rajnish Sharma, CEO, United Nanotech Innovations Pvt. Ltd. stressed the importance of graphene and how young India should take the initiative on Nanotechnology from such "small ideas". Dr. S. Angappane, Scientist-D, Centre for Nano and Soft matter sciences, Jalahalli further explained the basics of Nanotechnology and thin films. Dr. Gandhi Gracy, Scientist, ICAR-NBAIR explained about the nanoengineering bioinformatics and its applications related to agriculture. Mr. Sandeep from Aimil Limited described important nanotechnology applications. Dr. Deepa Bhagat from ICAR-NBAIR explained about the state-of-the-art nanotechnology to evolve hassle-free gel-based carriers for pheromones called nanogels and nanosensors in agriculture. During the valedictory function, Dr N. Bakthavatsalam, Principal Scientist, ICAR-NBAIR gave away certificates to the participants.





