



Swachhta Pakhwada – 2020 (Day 7 report)

22nd December 2020

ICAR-NIVEDI, Bengaluru organized a webinar on the topic “*Agricultural technologies for waste to wealth*” on 22.12.2020 and was delivered by Mr. Dinesh Rao. The theme of the webinar was based on the “Waste to wealth” mission of the Prime Minister’s Science, Technology, and Innovation Advisory Council (PM-STIAC) to identify, develop and deploy technologies to treat waste to generate energy, recycle materials and extract worth. The broad objectives of the waste to wealth mission is as given below.

1. To *identify and support* the development of *new technologies* that can help create a *cleaner and greener environment*
2. To create *circular economic models* that are financially viable for waste management
3. To boost and augment the *Swachh Bharat Mission* and *Smart Cities Project* by leveraging science, technology and innovation
4. To *streamline waste handling* in India

The event started at 11:30 am with the welcome cum introductory remarks by Dr. B. R. Shome, Director (Acting.), ICAR NIVEDI, highlighting the importance of cleaner and greener environment.

Mr. Dinesh Rao, CEO, Orbin-composting products and solutions, who has 20 years of experience in the field of organic waste management and is a passionate environmentalist was expert Guest speaker for the day. A total of 40 participants attended the webinar from different institutes of ICAR. The following ICAR institute staff participated along with KVKs. One participant was from ILRI. The following ICAR institutes namely, ICAR-DWR, Jabalpur, ICAR-CPRI, Shimla, ICAR NBAIM, ICAR-CPRI, ATARI, Jabalpur, ICAR-IISR, ICAR-CMFRI, ICAR-ATARI, Zone IX, Jabalpur, ICAR-CCARI participated in the Webinar.

The talk by Mr. Dinesh Rao was very informative and covered management of waste collected from individuals, apartments/institutions, food processing industries. He spoke about converting organic waste into valuable products like compost and manure that can be useful to farmers. He presented case studies on processing and treatment of municipal waste, waste generated by food industries, poultry waste, hatchery waste and prawn waste. He stressed the importance of converting egg shells along with coffee pulp mixed in a certain ratio for making excellent quality compost. He concluded by saying that the efforts to convert organic waste should continue so that we can bring back the **health to soil**.



Welcome to the participants and address by the Dr. B.R.Shome, Director (Acting), ICAR-NIVEDI



