



Saumyendra Nath Brahmachary Distinguished Lecture Series: 32nd Lecture

Lecture by Dr. Vivek Kashyap
Scientist (Plant Protection)
Krishi Vigyan Kendra, Deoghar, Jharkhand



Dr. Vivek Kashyap addressing the students and the faculty members

The 32nd Lecture of Saumyendra Nath Brahmachary Distinguished Lecture Series was organised by Dev Sangha Institute of Professional Studies and Educational Research, Deoghar on 30th April 2025, on the topic **“Soil to Sky: The Environmental Awareness & Agricultural Practices”**, by **Dr. Vivek Kashyap**, Scientist (Plant Protection), Krishi Vigyan Kendra, Deoghar, Jharkhand, India

Dr. Kashyap began his lecture with the introduction of ICAR (Indian Council for Agricultural Research) and role of Krishi Vigyan Kendra of Deoghar. He described how pollution affects the crop cycle and crop production. He elaborated that pollution leads to different kind of diseases in plants and especially seasonal crops. As human being faces infection so as the crops. He described four factors for the development of any disease – host, favourable environment, presence of pathogens and time duration. He, further, explained the role of Krishi Vigyan Kendra and said that the scientists work rigorously to bring solutions for the diseased crops and plants in KVKs. He said that people can establish startups in the field of agriculture by cultivating certain vegetable like Mushrooms and its processing. He described the processes and steps of Mushroom cultivation, production and marketing. He talked about floriculture, Kitchen gardening, tea plantation etc... He also talked about treatment of infected soil and prevention of different diseases in grams, potatoes, tea, flowers etc. so that farmers get more benefits by producing healthy crops.

The lecture was highly informative as well as interactive as it was in face-to-face mode and was attended by Teachers and Students of Dev Sangha Institute of Professional Studies and Educational Research. The programme was successfully anchored by Nidhi Kiran, a scholar, M.Ed. 2023-25, and coordinated by Shri Kumud Ranjan Jha, Coordinator, DLS Programme.

