



## Invited Talk

on

# Soil-Borne Supremacy: Functional Role of Beneficial Microbiome in Plant Health

Organized by

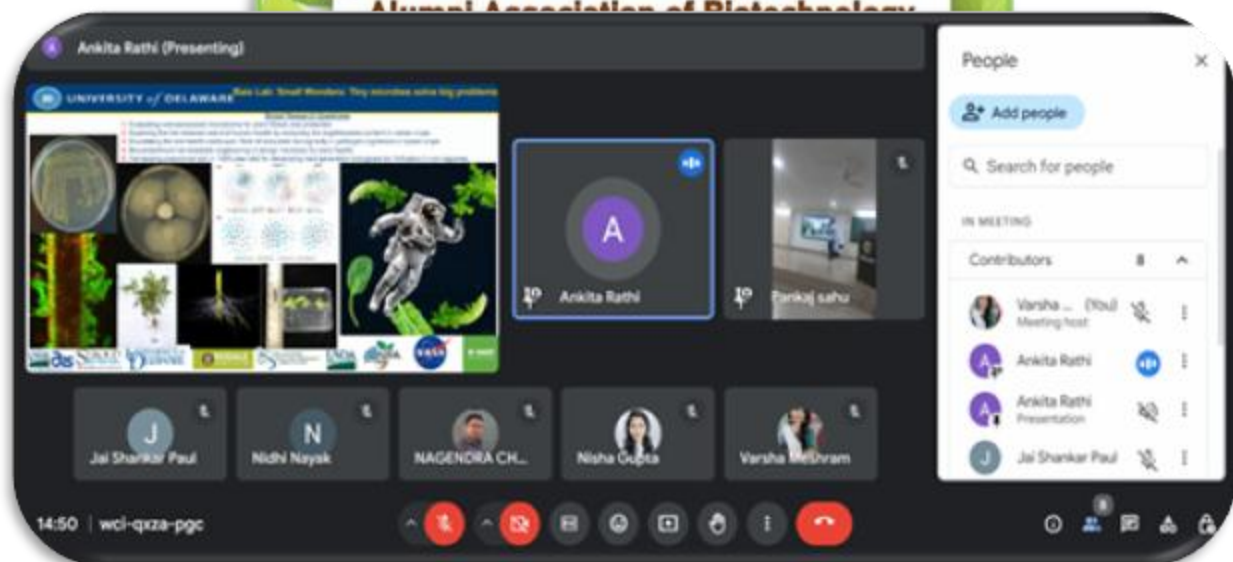
School of Studies in Biotechnology & Alumni Association of Biotechnology  
Pt. Ravishankar Shukla University, Raipur (C.G.)

---

School of Studies in Biotechnology and Alumni Association of Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.), jointly organized an invited talk by **Prof. Harsh P. Bais, Department of Plant and Soil Sciences, University of Delaware Biotechnology Institute, Delaware, USA** entitled “**Soil-Borne Supremacy: Functional Role of Beneficial Microbiome in Plant Health**” on **8 August, 2024**.

**Prof. Keshav Kant Sahu**, Head of the School of Studies in Biotechnology at Pt. Ravishankar Shukla University, welcomed Prof. Bais with a sapling. A brief introduction of Prof. Bais was given to the audience before the lecture began. Prof. Bais started his lecture with a detailed description of plant roots. He talked about rhizosphere and its interactions, plant-microbiome interactions, region-specific binding, bacterial component mediations, and role of the microbiome in plant health. He provided an in-depth explanation of stomatal physiology, role of microbes, etc. Additionally, he also explained the space life and beneficial plants that can be grown in such environments. Prof. Bais concluded his lecture with a quotation, “Soil is not just dirt; it’s a living substance, and we have to feed it”. Following the lecture, students enthusiastically engaged with the speaker during question-answer session. A token of gratitude and a certificate was given to Prof. Bais by **Dr. Afaque Quraishi**, Associate Professor of School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.)

# Glances of the lecture



**(Keshav Kant Sahu)**