

**DAY 1 SESSION – III**  
**4.00pm-5.00pm**

**HALL 1 (SEATING CAPACITY 51)**

**Theme: “Agro-homoeopathy: Emerging Paradigms in Agricultural Research”**

*“Integrating Agrohomoeopathy into Modern Agroecosystems: Evidence-Based Research, Translational Pathways, and Standardization Challenges.”* The theme highlights the importance of Agrohomoeopathy as a scientifically testable component of modern agriculture, focusing on its ability to deliver reliable, reproducible, and scalable outcomes in real-world farming systems. The panel discussion will address three key areas. First, evidence-based research, including critical appraisal of laboratory studies, field trials, and institutional findings, with emphasis on methodological rigor, reproducibility, and existing knowledge gaps. Second, translational pathways, examining the feasibility of applying promising laboratory results across diverse crops, soils, and agro-climatic conditions, and identifying mechanisms for large-scale implementation. Third, standardization challenges, particularly the need for scientifically validated protocols for dosage, potency, preparation, and application. The panel will also consider the collaborative roles of the scientific community, regulatory bodies, and institutions such as the Central Council for Research in Homoeopathy (CCRH). Overall, it aims to advance evidence-driven dialogue and support the development of a credible, standardized, and scalable Agrohomoeopathy framework.

**Convenor-Dr. Bharti Wadhwa, RO(H)/S-3**  
**RO(H), S-1**

**Co- Convenor-Dr. Karanpreet Nahar,**

**Panelists**

**1. Dr. Renu Pandey, Head, Division of Plant Physiology, ICAR- Indian Agricultural Research Institute**

Dr. Renu Pandey is Head & Principal Scientist at the Division of Plant Physiology, ICAR-Indian Agricultural Research Institute, specializing in mineral nutrition and climate change. She established the Mineral Nutrition Lab, focusing on nutrient efficiency in crops such as wheat, rice, soybean, and green gram. Her research examines the effects of elevated CO<sub>2</sub>, temperature, and drought on nutrient uptake, and includes innovative screening techniques for phosphorus use efficiency. She has led national and international collaborations and completed postdoctoral training in the USA and UK. Dr. Pandey has mentored numerous postgraduate and doctoral scholars, published over 135 research articles, and reviewed projects for global funding agencies. She also contributes to national scientific committees under DBT, DST, and SCFR of Central Council for Research in Homoeopathy.

**2. Dr. Vijay Paul, Principal Scientist, Division of Plant Physiology, ICAR- IARI**

Dr. Vijay Paul has over 30 years of research experience, including positions at ICAR-Central Plantation Crops Research Institute and ICAR-Central Potato Research Institute. His expertise spans tissue culture in chickpea, crop physiology, post-harvest management, heat stress in wheat, phenotyping, bio-stimulants, nano-urea, and Agrohomoeopathy. He holds one patent and has published over 100 research papers, along with technical articles, manuals, and book chapters, and

has guided several postgraduate and doctoral students. A Fellow of the Indian Society for Plant Physiology, he has received multiple awards. In collaboration with the Central Council for Research in Homoeopathy, his work demonstrated positive results in Agro-Homoeopathy with improved seedling vigour in basmati rice using homeopathic preparations.

### **3. Dr. Ruchi Bansal, Senior Scientist, Division of Plant Physiology, ICAR- IARI**

Dr. Ruchi Bansal is a Senior Scientist at ICAR-Indian Agricultural Research Institute, specializing in crop stress biology and nutrient-use efficiency. She earned her MSc from GB Pant University of Agriculture and Technology, Ph.D. from Banaras Hindu University, and conducted advanced research at The University of Western Australia. A recipient of prestigious fellowships and awards, including recognition from the Indian Society for Plant Physiology and Government of Australia, she has led multiple national and international projects funded by agencies such as DBT, SERB, and the Bill and Melinda Gates Foundation. In collaboration with the Central Council for Research in Homoeopathy, her work demonstrated positive results in Mung Bean with Agro-Homoeopathy. With extensive high-impact publications, Dr. Bansal contributes significantly to sustainable agriculture and global food security.

### **4. Dr Vaibhav Jain, AgroHomoeopath**

Dr. Vaibhav is a passionate homeopathic doctor and advocates for sustainable, chemical-free agriculture through Agro-homeopathy. With a background in genetic engineering (MSc Biotechnology), he transitioned to homeopathy, driven by his deep interest in plant health. Over the past nine years, he has conducted extensive research and experiments, demonstrating the benefits of Agrohomeopathy in improving soil fertility, crop quality, and plant resilience. As the Founder Director of VJ Agrohomeopathy Solution pvt. ltd. and co- founder of Asha Homeopathic Academy & Clinic, he leads initiatives such as an eco-friendly weed control project at Varanasi International Airport and collaborates with farmers across cities to explore homeopathic treatments for sustainable farming. Dr. Vaibhav envisions a future where Agrohomeopathy enhances crop nutrition and promotes a more sustainable, holistic approach to farming.

### **5. Dr Varsha Ghate, Astt Professor, Bharati Vidyapeeth Homoeopathic Medical College**

Dr. Varsha Umesh Ghate is an academician and researcher specializing in Homoeopathic Pharmacy, with a focus on innovation and pharmaceutical advancements. She holds three patents (including one international) and a registered copyright. She has contributed extensively to research, completing multiple projects and publishing papers in Scopus-indexed and peer-reviewed journals, along with book chapters. As a mentor, she has guided UG and PG students, earning accolades such as STSH awards, best dissertation, and best poster presentation awards. Recognized by organizations like the Society of Ethnopharmacology and Global Homoeopathic Foundation, she has also designed an Agro-Homoeopathy Certificate Course and actively reviews for Homoeopathic Links, contributing to academic and research advancement. Her contributions to Agrohomoeopathy include advancing standardized cultivation practices, conducting phytochemical and antioxidant profiling under agrohomoeopathic interventions, and publishing multiple research studies in this domain, thereby supporting its scientific validation and field applicability.

*Rapporteurs: Dr Shweta Singh, RA(H), Dr Sakshi Chaudhary, SRF(H)*

