



CERTIFICATE OF APPROVAL

This is to certify that the " **SoilX Probe**" is tested extensively and verified with enough data set and is now has been approved by the Dr. C.V. Raman University, Khandwa (M.P.) for the field use.

Tool Inventor:

Dr. Madhukant Patel (R), Scientist DRDO and ISRO

This certification program is being conducted in the esteemed presence of the following Soil Scientists:

- Dr. Sharad Choudhary, Chief Scientist Rajmata Sindhiya Krishi Vishwavidyalaya Mandsaur (M.P)
- Dr. Aashish Upadhyay Senior Soil Scientist (R), Rajmata Sindhiya Krishi Vishwavidyalaya Indore (M.P)
- Dr. Rajesh Mandloi (R), CTO (Chief Technical Officer) IISC
- Dr. R. U. Khan (R) Chief Program Coordinator Krishi Vigyan Kendra, Raipur (CG)

About the SoilX Probe:

The **SoilX Probe** is an advanced soil analysis tool designed for real-time field-based testing of key soil parameters such as nitrogen, phosphorus, potassium, pH, moisture, humus, and nutrient balance. The process involves collecting and preparing approximately 300 grams of clean, dry topsoil, mixing with deionized water, and allowing proper absorption for accurate readings. The probe, once connected via the Reve App on a smartphone or tablet through Bluetooth, captures live data with clear visual gauges for quick assessment or detailed processed data for in-depth analysis. Its rechargeable design offers 10–11 hours of continuous use after a 4–5-hour charge, ensuring efficiency and reliability for on-field soil health monitoring.

Approval Date: 14/08/2025

Place: Dr. C.V. Raman University, Khandwa (M.P.)

Dr. GANESH MALGAYA

Dr. Ganesh Malgaya

Agg. Prof. & Head

Dr. C.V. Raman University, Khandwa (M.P)

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