PROFILE

Name: KOTTI RAVI TEJA

Educational Qualifications: M.Sc. Soil Science and Agricultural Chemistry

Designation: Assistant professor

Department: Agriculture and Rural Development

Date of joining Maris Stella: 17.03.2025

I Academics

Degree	Institution/University	Year
MSc Soil Science and Agricultural Chemistry	Tamil Nadu Agricultural University	2023
BSc (Hons) Agriculture	Acharya N.G. Ranga Agricultural University	2021

II Professional Experience

Position Held	Institution	Year
Assistant professor in Soil Science and Agricultural Chemistry	Maris Stella College, Vijayawada	2025

III Research Contribution

(i) Areas of Interest: Soil and Crop Applications of Nanoparticles

(ii) Research Paper Done: 1**: -** Completed and published the research article titled *"Green Nanotechnology: Harnessing Rice Husk Ash for Nano-Silica and Characterization Insights"* in *International Journal of Environment and Climate Change* (Vol. 13, Issue 10, 2023). The study focused on **eco-friendly synthesis, characterization, and agricultural potential of Nano-silica extracted from rice husk ash**. view

(iii) Patent (title of the invention): Smart Farmer Stick

202641062325 SMART FARMER STICK PATENT.pdf

IV Academic Contributions

Member, Board of Studies (BoS) Department of Agriculture & Rural Development, Maris Stella College , 2026

- Contributed to syllabus review, curriculum planning, and academic quality improvement initiatives.
- Developed innovative curriculum enhancing student engagement by 30%.

V FDPs Attended – 2 FDP.docx