



VIT®

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

WORKSHOP ON

BEYOND REGRESSION: PREDICTION MODELLING IN SOCIAL SCIENCE RESEARCH



ANN



Random Forest



XGBoost



ANN



Random Forest



XGBoost



LEARN. BUILD. INTERPRET. APPLY.

A hands-on workshop to master Artificial Neural Networks, **Random Forest** and XGBoost for accurate prediction and deeper insights in social science research.



7 October 2026
(Wednesday)



Pearl Research Park (PRP) 620,
VIT, Vellore



ABOUT THE WORKSHOP

This workshop provides a practical, hands-on learning experience on three powerful machine learning algorithms — Artificial Neural Networks (ANN), **Random Forest** and XGBoost — for prediction, classification and decision support in social science research.



WHO SHOULD ATTEND?

PG, PhD Scholars and Faculty Members in Agricultural Extension, Veterinary Extension, Home Science Extension, Agribusiness Management, Management and other Social Science disciplines.



WORKSHOP HIGHLIGHTS



100% Hands-on with R & Python
Live coding sessions with real datasets



From Basics to Advanced
Concepts, modelling, tuning, and interpretation



Model Interpretation
Explainable AI – SHAP & LIME



Resources Provided
Datasets, R scripts, and reading materials



Certificate
E-certificate will be provided to all participants



REGISTRATION

Limited seats only!
Scan the QR code or click the link to register.
Registration Link: <https://events.vit.ac.in/>



Fee: ₹590/-

(Includes lunch, refreshments and study materials)

Last date to register: 5 October 2026

RESOURCE PERSONS

Dr. J Paul Mansingh
Professor & Head

Dr. Ihou Atsu Frank Yavra
Assistant Professor

Mr. S. Mokesh
Assistant Professor (Junior)

Ms. R. Divyasri
Assistant Professor (Junior)

Dept. of Agricultural Extension and Economics
VIT School of Agricultural Innovations and Advanced Learning (VAIAL)
Vellore Institute of Technology (VIT), Vellore.



— VIT – A place to learn, —
A chance to grow.

