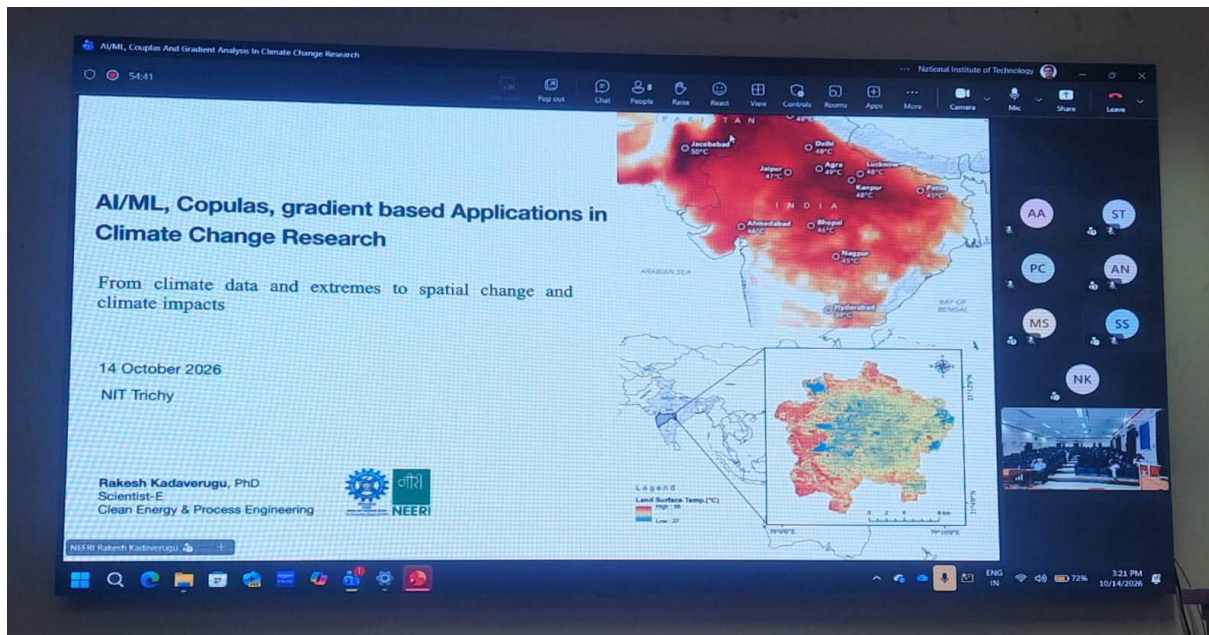




Dr. Rakesh Kadaverugu, Scientist-E, CSIR-NEERI delivered a lecture on ‘AI/ML, Copulas and Gradient Analysis in Climate Change Research’ organized by the Centre for Sustainability, NIT Tiruchirappalli.

The lecture explored the applications of Artificial Intelligence (AI), Machine Learning (ML), copula-based methods, and gradient analysis in understanding complex climate patterns, interdependencies, and trends. The session highlighted the potential of these advanced data-driven techniques to strengthen climate research, improve environmental analysis, and support evidence-based decision-making for a sustainable future.