Date: January 8th, 2024

Time: 11:00 AM IST

Venue: RM 101

About the Speaker:

Prof. Yuvraj Agarwal is affiliated with CMU's Software and Societal Systems Department (S3D), Human-Computer Interaction Institute (HCII), and ECE. His lab explores the hardware-software systems intersection, focusing on energy efficiency, security, and privacy.

Abstract of the Talk:

This talk delves into the discrepancy between the potential and actuality of IoT technology. It focuses on consumer distrust arising from uncertainties about device functionalities and data utilization. Over 4+ years, it explores solutions for creating reliable IoT systems, including a security-focused smart building stack, VAX for enhancing privacy in sensor training, Pekaboo's privacy-centric app development, and a user-friendly IoT security label ensuring transparent device operations.