1st International Workshop on Responsible AI for Healthcare and Net Zero (Hybrid)

Date: October 16-17, 2024

Venue: TTJ Auditorium, IIT Madras, Chennai, India

Agenda

Day 2 Programme: Responsible AI for Net Zero

The format and focus of each session are as follows:

<u>Note: All times in Indian Standard Time/IST</u>

Time	Activity	Location
09:00-09:30	**Welcome and Opening remarks: Dr Satyanarayanan Seshadri and Professor Nishikant Mishra**	TTJ Auditorium, ICSR
09:30-10:15	Keynote 3: **Sandeep Chatterjee (Supply Chain and Sustainability Leader)** **Title:** AI and Sustainability at Crossroads **(Chair: Professor Nishikant Mishra)**	TTJ Auditorium, ICSR
10:15-10:50	Coffee break	Main Dining Hall, ICSR
10:50-11:50	Oral presentations X 5 (10 mins talk, 5 mins Q & A) (Chair: **Dr Satyanarayanan Seshadri**) • **Title:** Responsible AI and Net Zero: A Critical Intersection for the Future Authors: Dr. Sushmita Nande • **Title:** The Green Mile : A Multi-Layered Quest to Reveal, Measure, and Slash Carbon Emissions in AI Training & Inference Authors: Subramanyam Sahoo, Joel Jojo and Sonal Singh	TTJ Auditorium, ICSR

	• **Title:** Edge of Tomorrow : Enhancing Efficiency through Model Integration for ENSO Index Prediction Authors: Sonal Singh, Subramanyam Sahoo and Joel Jojo • **Title:** Devising a Responsible Framework for Air Quality Sensor Placement Author: Jevon Westcarr, University of Hull, UK	
11:50-13:30	Invited Talks Session-II (Chair: **Professor Nishikant Mishra**) (15 mins for presentation + 5 mins for Q & A) • Invited Talk 1: Koorosh Aslansefat on Safe Large Language Models for Wind Farm Maintenance (SafeLLM) • Invited Talk 2: Xinhui Ma (University of Hull, UK; **Title:** Net Zero and Digital Twins) • Invited Talk 3: Dr Sudharshan (IIT-M; **Title:** Application of AI in Development of Climate Action Tools) • Invited Talk 4: Mr Jayesh Jain (IIT-M: **Title:** Data collection issues and challenges from commercial establishments for implementing Net Zero) • Invited Talk 5: Dr Nina Dethlefs (University of Hull, UK; **Title:** Conversational AI in Offshore Wind) •	TTJ Auditorium, ICSR
13:30-14:45	Poster - Lunch (chairs: **Dr Koorosh Aslansefat** and **Mrs Kuniko Paxton**); followed by Close of conference	Main Dining Hall, ICSR