

**HAHT-IUS: Harnessing AI for Healthcare Transformation: A
Collaborative Indo-US Workshop**

Programme Schedule

Monday, December 16th

Time	Event/Talk Title	Speakers
10:00am – 11:00am	Opening Ceremony	Hon. Ms. Jennifer Larson, US Consul General Hyderabad Dr. BVR Mohan Reddy, Executive Chairman of Cyient Dr. D. Nageshwar Reddy, Chairman of AIG Hospitals Prof. S.S. Iyengar, FIU, USA Prof. Ramesh Jain, UCI, USA Dr. B.S. Murty, Director IIT Hyderabad
11:00am – 11:30am	Break	
11:30am – 12:10pm	Overview of AI in Health Care and Discussion of Agenda	Prof. C. Krishna Mohan, IIT Hyderabad, India & Dr. Ram D. Sriram, NIST, USA
12:10pm – 12:50 pm	Empowering Self Health: AI is Ready – Are We?	Prof. Ramesh Jain, UCI, USA
12:50pm – 1:30pm	AI Powered Autism Detection: Revolutionizing Early Diagnosis	Prof. S.S. Iyengar, FIU, USA
1:30pm – 2:30pm	Lunch	
2:30pm – 3:10pm	Responsible AI for Healthcare	Prof. B. Ravindran, IIT Madras, India
3:10pm – 4:10pm	Infusing Expert Voice in Search and GenAI	Dr. Mohit Jain, Microsoft, India & Ms. Prerana Nayak, Microsoft, India
4:10pm – 4:40pm	Break	
4:40pm – 5:40 pm	AI Metrology: Ensuring the Reliability of Artificial Intelligence?	Dr. Ram D. Sriram, NIST, USA
5:40pm – 6:30pm	Technology as an Enabler: Re-imagination of India's Health Systems	Prof. Vijay Chandru, Strand Genomics and IISC, India
6:30pm – 7:00pm	Custom, Compact, and Agile Neurosymbolic AI Models for Mission-critical Healthcare Applications	Prof. Amit Sheth, University of South Carolina, USA
7:00pm – 7:30 pm	Interpreter of Maladies: Applications of AI to Precision Medicine from a Global Health Perspective.	Prof. Anant Madabhushi, Emory University, USA

Tuesday, December 17th

10:00am – 10:40 am	Bridging the Gap: A Clinician's Perspective on Building Effective AI Solutions for Healthcare	Dr. Sravanthi Parasa, Gastroenterologist, USA
10:40 am - 11:00 am	Break	

AI in Indian Hospitals

11:00am – 11:30pm	Artificial Intelligence in Gastroscience.	Dr. GV Rao, AIG Hospitals, India
11:30am - 12:00pm	AI in Healthcare – Challenges and Opportunities in Indian context	Dr. Manivannan, Kauvery Hospitals, India
12:00pm - 12:30pm	AI-Driven Metabolomics: Advancing Longevity Medicine through Personalization	Dr. Samatha Tulla, PMX Health, India
12:30pm - 1:00 pm	Navigating Clinical AI – The Power, Velocity, Impact and Scale	Dr. Sujoy Kar, Apollo Hospitals, India
1:00pm – 2:00pm	Lunch	

AI in Healthcare Research in Indian Academia

2:00pm - 2:30pm	Translating clinical insights to AI models for cancer detection in Indian population	Prof. Chetan Arora , IIT Delhi, India
2:30pm - 3:00pm	Artificial Intelligence in Digital Cytology: Clinical Applications	Prof. Renu John, IIT Hyderabad, India
3:00pm - 3:30pm	Advancing Cancer Screening, Diagnosis, and Prognosis: Imaging and Omics-Based Approaches from an Indian Perspective	Prof. Vinod, IIIT Hyderabad, India
3:30pm - 4:00pm	Natural Language Processing for Health	Prof. Pushpak Bhattacharya , IIT Bombay, India
4:00pm – 4:30 pm	Break	

US Industry Panel

4:30pm - 5:15pm	That's One Small Step for Technology, And a Giant Leap for Healthcare: AI's Role in Advancing Quality and Patient Engagement	Dr. Sanjay Doddamani, Guide Health, USA
5:15pm - 6:00pm	Healthcare needs AI	Mr. Jan Beger, GE HealthCare, USA

US Govt. Panel Discussion (NSF, NIST, ARPA-H)

6:00pm - 6:30pm	Research in AI to Improve Health at NSF	Dr. Wendy Nislen, NSF, USA
6:30pm - 7:00pm	AI in Healthcare Research at ARPA-H	Dr. Berkman Sahiner, ARPA-H, USA

Wednesday, December 18th

9:30am – 10:00am	AI & Machine Learning Approaches to The Interpretation of Spatial Imaging & Transcriptomics for Personalized Medicine	Prof. Arvind Rao, Univ of Michigan, USA
10:00am - 10:40am	Foundation models: Accelerating AI for Public Health and Social Impact	Prof. Milind Tambe, Harvard University, USA
10:40am - 11:00am	Break	

AI in Healthcare Research in Indian Academia

11:00am - 11:30am	AI and ML: A New Era in Healthcare with Focus on Low Resource Settings	Prof. Kshitij Jadhav, IIT Bombay, India
11:30am - 12:00pm	Privacy-preserving Open Benchmarking: Digital Public Goods for AI in Healthcare	Prof. Nisheeth Srivastava, IIT Kanpur, India
12:00pm - 12:30pm	Multi-Agent System for Oncology and The Future of Medicine	Mr. Shivang, CTO, Risa, USA
12:30pm - 1:00pm	RAG Model for Diagnosis Prediction Leveraging PubMed based Knowledge Graph	Prof. Koustav Rudra, IIT Kharagpur, India
1:00pm - 2:00pm	Lunch	
2:00pm - 2:30pm	Virtual Care Management in the Age of Wearables and AI	Mr. Prakash Ekambaranellore, Vironax Health, USA
2:30pm - 3:00pm	Towards Equitable Precision Oncology using AI	Dr. Naveen Sivadasan, TCS Innovation, India
3:00pm - 3:30pm	On the Quantification of Human Health	Prof. G. Narahari Sastry, IIT Hyderabad, India
3:30pm - 6:00pm	Action Items and Closing Ceremony	Prof. C. Krishna Mohan, IIT Hyderabad, India & Dr. Ram D. Sriram, NIST, USA