



United States–India Science & Technology Endowment Fund (USISTEF)

10th Call: Applications Shortlisted¹ for Stage III

Empowering Citizens

S.No.	Project Title	Lead Partner India	Lead Partner USA
1.	<i>Cost Competitive Solar Mini-grids</i>	Sandeep Anand Indian Institute of Technology, Kanpur	Alan Rolf Mickelson University of Colorado, Boulder
2.	<i>Enabling Public Data for Public Good</i>	Bharadwaj Amratur Indian Institute of Science, Bengaluru	Vishal Misra Columbia University, New York
3.	<i>Empowering Energy Frugal, Inexpensive Waste-Less Food Storage and Transport (for Seven Lakh Indian Villages)</i>	Anurag Agarwal New Leaf Dynamic Technologies Pvt. Ltd., New Delhi	Srinivas Garimella Georgia Institute of Technology, Atlanta
4.	<i>NeuroMind: A Robust Screening Platform for Dementia in Community-based Settings</i>	Malavika Subramanyam Indian Institute of Technology, Gandhinagar	Abhijit Das Siagnos LLC, Glen Oaks, New York
5.	<i>Increase Farmer Incomes and Reduce Air Pollution Associated with Crop Residue Burning through Small Scale and Decentralized Agro-Waste Up-Gradation Equipment that can Convert Crop Residues to Activated Carbon Feedstock On-Site</i>	Vidyut Mohan Himalayan Sustainable Energy, New Delhi	Kevin Kung Takachar Limited, Brae Drive, Saratoga
6.	<i>Eco-friendly Smart Tyres</i>	Sameer Panda TycheeJuno Speciality Tyre Pvt. Ltd. Hyderabad	Nathan Rich Isotruss Industries, Provo
7.	<i>JumpToPC: An Affordable Personal Computing Solution for Indian Households</i>	Sucheta Baliga Greenway Grameen Infra Pvt Ltd, Mumbai	Daniel Frey Massachusetts Institute of Technology, Cambridge

¹ Proposals have been listed as per the Application Reference Numbers.

8.	<i>Mobile URJA- Scalable Solar Power with Innovations beyond Silicon Technology</i>	Suraj Kumar Kalinga Renewable Energy Manufacturers Pvt. Ltd., Bhubaneswar	Jeremy Poindexter MiaSolé Hi-Tech Corp, Sunnyvale
9.	<i>TranscribeGlass: Affordable Heads-Up Real-time Captioning Device for the Deaf and Hard-of-Hearing</i>	Madhav Lavakare TinkerTech Labs Private Limited, New Delhi	Shane Bedard Santa Clara
10.	<i>Low-Cost and Low-Carbon end-to-end Cold Chain Solution</i>	Vishal Singhal Temperate Technologies Private Limited, Hyderabad	Eckhard Groll Purdue University, West Lafayette
11.	<i>To Develop Highly Durable, Water Resistant Crop Residue Based Particle Boards for Furniture Applications</i>	Shubham Singh Craste, NCL Innovation Park, Pune	Mehdi Tajvidi The University of Maine, Orono

Healthy Individual

S. No.	Project Title / Ref. No.	Lead Partner India	Lead Partner U.S.
1.	<i>An Affordable Ambulatory 24-Channel Clinical Grade Robotic Video Electroencephalography (VEEG) Solution for the Diagnosis and Monitoring of Neurological & Mental Health Conditions</i>	Raja Aditya Kadambi Mocxa Health Private Limited, Bengaluru	Simon Griffin Lifelines Neuro Company LLC, Louisville
2.	<i>Co-Design, Evaluation And Technology Transfer of an Adjustable, Affordable and Transportable Paediatric Postural Support Wheelchair for India</i>	Soikat Ghosh Moulic Mobility India (MI), Bengaluru	Anand Mhatre University of Pittsburgh Pittsburgh,
3.	<i>An Affordable, Non-Invasive Multiplexed Platform to Rapidly Detect High Risk Oncogenic HPV Strains in Self-Collected Samples (Point of Care, Field Deployable, Highly Multiplex, Genital/Urinary Samples)</i>	Nikhil Phadke GenePath Diagnostics India Pvt. Ltd, Pune	Steven Benner Firebird Biomolecular Sciences, LLC, Alachua
4.	<i>Catalyzing the Development of an Artificial Intelligence Chest X-Ray Triage Product to Identify Tuberculosis and Lung Granulomas</i>	Amit Kharat DeepTek Medical Imaging Private Limited, Pune	Michael Campbell Clinton Health Access Initiative, Boston

5.	<i>A Device to Prevent the Spread of Infections in Healthcare Settings</i>	Janani Venkatraman Biomoneta Research Pvt. Ltd., Bengaluru	Michael Poderycki Purdue University, West Lafayette
6.	<i>Commercialization of Cerebo - a Fast, Portable, Non Invasive and Fully Automatic Brain Hemorrhage Detector in India and USA for Early Detection and Hence Early Treatment within the Golden Hour</i>	Shilpa Malik Bioscan Research Pvt. Ltd, Ahmedabad	Dhanuraj Shetty RAD Consulting, New Jersey
7.	<i>Prospective Cohort Study of Nemocare Raksha</i>	Pratyusha Pareddy Nemocare Wellness Pvt. Ltd., Hyderabad	Anoop Rao Stanford University, Stanford
8.	<i>Aum Voice Prosthesis</i>	Vishal U S Rao Innaumation Medical Devices Private Limited, Bengaluru	Brian Kamradt Geometric Technologies Inc., Indianapolis
9.	<i>Non-Invasive Screening Test for Oral Cancer</i>	Ramesh Hariharan Strand Life Sciences Pvt. Ltd., Bengaluru	Nishant Agrawal University of Chicago, Chicago
10.	<i>Increase Report Turnaround Times and Clinical Throughput for Posterior Retinal Diseases</i>	Raghu Gullapalli LV Prasadi Eye Institute, Hyderabad	Jayanth Rasamsetti Sgmoid Inc, Walnut
11.	<i>Rapid Diagnostic for Guiding Antibiotics-Based Treatment Decisions in < 1 Hour for Sepsis</i>	Nikhil Acharya Nepune Business Solutions, Chennai	Rajesh Krishnamurthy 3i Diagnostics, Inc., Germantown
12.	<i>Smart CPAP for Low-Resource Settings</i>	Sreedharan NG Syrma Technology, Chennai	Krista Donaldson D-Rev, San Francisco

Note: Shortlisted teams are being notified separately for making in-person presentations before a Joint Experts Panel in the next round of evaluations. Please note that no separate communication would be sent to unsuccessful applicants.