



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

9th Call: Applications Shortlisted for Stage III

Empowering Citizens

S.No.	Project Title / Ref. No.	Lead Partner India	Lead Partner USA
1.	<p><i>“Smart Grid Sentry: A smart power device for unified power, security, and emergency communications”.</i></p> <p>“USISTEF/EC009/2018”</p>	<p>Sarabjit Singh AKAL Information Systems Ltd, New Delhi</p>	<p>Vikram Sethi One Smarter, Inc. Beavercreek</p>
2.	<p><i>“Distributed Production of Microbial Fertilizers for Empowering Citizens”.</i></p> <p>“USISTEF/EC017/2018”</p>	<p>Arvind Lali Institute of Chemical Technologies, Mumbai</p>	<p>Mukund Karanjikar Technology Holding LLC, Salt Lake City</p>
3.	<p><i>“Building High Fidelity Maps For Urban Planning Using Satellite Imagery”.</i></p> <p>“USISTEF/EC023/2018”</p>	<p>Priam Pillai Valectus Pvt Limited, New Panvel</p>	<p>Shlomo Angel New York University, New York</p>
4.	<p><i>“NIFOMe: Addressing the Food-Energy-Water Nexus with Nanocomposite Membrane Based Irrigation Systems”.</i></p> <p>“USISTEF/EC041/2018”</p>	<p>Sandip Patil E-Spin Nanotech Pvt. Ltd., Indian Institute of Technology, Kanpur</p>	<p>Jonathan A. Brant University of Wyoming, Laramie</p>
5.	<p><i>“Carbon Nanotube filters for wastewater treatment”.</i></p> <p>“USISTEF/EC044/2018”</p>	<p>Gadhadar Reddy NoPo Nanotechnologies India Private Limited, Bengaluru</p>	<p>Afshin Khan Washington State University, Pullman</p>
6.	<p><i>“GaN based High Power LNA for 5G Applications”.</i></p> <p>“USISTEF/EC059/2018”</p>	<p>Yogesh Singh Chauhan Indian Institute of Technology, Kanpur</p>	<p>Amitava Das Tagore Technology Inc., Arlington Heights</p>
7.	<p><i>“Multiplexed Biomarker analysis to accelerate and empower oral cancer cytology”.</i></p> <p>“USISTEF/EC623/2018”</p>	<p>Moni Abraham Kuriakose Cochin Cancer Research Centre, Government Medical College, Ernakulam</p>	<p>Thomas Reiner Memorial Sloan Kettering Cancer Center, New York</p>

8.	“Affordable, Low Wastage Brackish Water Desalination for Rural Communities”. “USISTEF/EC630/2018”	G. Harshavardhan Reddy Tata Projects Limited, Begumpet, Hyderabad	Amos Winter Massachusetts Institute of Technology, Cambridge
9.	“AUM Voice Prosthesis”. “USISTEF/EC640/2018”	Vishal Rao U.S. Innaumation Medical Devices, Bengaluru	John E. Ready Foundation For Voice Restoration, Redlands
10.	“A personalizable sound alert detection system for the deaf and hard-of-hearing”. “USISTEF/EC643/2018”	Nupura Kirloskar BleeTech Innovations Private Limited, Pune	Greyson Watkins Hz Innovations, Inc., Sonoma
11.	“Health Monitoring System for Aircraft Engines on the Runway”. “USISTEF/EC666/2018”	T. M. Muruganandam Indian Institute of Technology Madras, Chennai	Yudaya Sivathanu EnUrga Inc., West Lafayette
12.	“Low Cost, Anti-counterfeiting labels”. “USISTEF/EC670/2018”	Deepak Gupta Indian Institute of Technology, Kanpur	Sudhanshu Bahadur University of California, Berkeley

Healthy Individuals

S. No.	Project Title / Ref. No.	Lead Partner India	Lead Partner U.S.
1.	“Development of a Low-cost Ambulatory Cardiac and Pulmonary Monitoring Medical Device”. “USISTEF/HI021/2018”	Vijayasimha Ajarananda Audicor Cardiometrics Bengaluru	Tim Wheeler Inovise Medical Inc., Beaverton
2.	“Lab-on-a-strip (LOS) : Towards Multi-analyte Screen Printed Biosensor Strips”. “USISTEF/HI030/2018”	Vinay Kumar PathShodh Healthcare Pvt. Ltd., Bengaluru	Erik Sventeckis GSI Technologies, Burr Ridge
3.	“ArmAble: An Interactive Arm Training Rehabilitation Device”. “USISTEF/HI039/2018”	Habib Ali BeAble Health Pvt Ltd. Indian Institute of Technology Hyderabad	Ramana Kumar Vinjamuri Stevens Institute of Technology, Hoboken

4.	<p><i>“Affordable Clinical Decision Support Systems for Chronic Disease care”.</i></p> <p>“USISTEF/HI058/2018”</p>	<p>Dorairaj Prabhakaran Centre for Chronic Disease Control, New Delhi</p>	<p>Venkat Narayan Emory University, Atlanta</p>
5.	<p><i>“Commercialization of advanced multi-layer wound dressing, for accelerated healing and infection prevention of Indian diabetic foot patients”.</i></p> <p>“USISTEF/HI064/2018”</p>	<p>Vijay Viswanathan MV Hospital for Diabetes and Prof M. Viswanathan Diabetes Research Centre, Chennai</p>	<p>Ashwinraj Karthikeyan InMEDBio LLC, Neenah</p>
6.	<p><i>“Reducing Acute Exacerbations in Chronic Obstructive Pulmonary Disorders: A point-of-care solution”.</i></p> <p>“USISTEF/HI133/2018”</p>	<p>Sudeshna Adak OmiX Research and Diagnostics Laboratories Pvt Ltd, Bengaluru</p>	<p>Lakshmi Chauhan University of Colorado, Aurora</p>
7.	<p><i>“Low-cost enabling technology for photodynamic therapy”.</i></p> <p>“USISTEF/HI665/2018”</p>	<p>Dharinder Tayal Anovus Institute of Clinical Research, Chandigarh</p>	<p>Tayyaba Hasan Massachusetts General Hospital, Boston</p>
8.	<p><i>“Validation and FDA approval of Eyenuk AI on Remidio Non-mydratic Fundus on Phone.”.</i></p> <p>“USISTEF/HI676/2018”</p>	<p>Anand Sivaraman Remidio Innovative Solutions Pvt Ltd., Bengaluru</p>	<p>Kaushal Solanki Eyenuk, In., Woodland Hills</p>
9.	<p><i>“MIRACLE Dialysis - Wearable Alternate Kidney”.</i></p> <p>“USISTEF/HI714/2018”</p>	<p>Gowrishankar Wuppuluru Padmaseetha Technologies Pvt. Ltd., Chennai</p>	<p>Beth Kolko Shift Labs, Seattle</p>

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