



## United States–India Science & Technology Endowment Fund

### 8th Call/Stage II: Shortlisted Applications

#### Empowering Citizens

S. No.	Project Title / Ref. No.	Lead Partner India	Lead Partner U.S.
1.	<p><i>“Test4Safety: Detection of Adulteration in commonly consumed liquids”.</i></p> <p>“ USISTEF/EC004/2017 ”</p>	<p><b>Deepa Bhajekar</b> D Technology Pvt. Ltd., Mumbai</p>	<p><b>Deepak Mehrotra</b> Data Analytics Company, Agoura Hills, CA</p>
2.	<p><i>“Waste Water Management: Zero Wastage and Control to the User”.</i></p> <p>“ USISTEF/EC026/2017 ”</p>	<p><b>Sanjiv Sambandan</b> Openwater.in Pvt. Ltd., Bengaluru</p>	<p><b>Rinaldo Veseliza</b> Alisto Engineering Inc., Walnut Creek, CA</p>
3.	<p><i>“Commercialization of a novel DNA-based nanosensor for the field-deployable, point-of-contact detection and diagnosis of plant diseases to ensure food security in India”.</i></p> <p>“ USISTEF/EC046/2017 ”</p>	<p><b>Jayant Bhanushali</b> Amar Immunodiagnostics Pvt. Ltd., Hyderabad</p>	<p><b>Brad Day</b> Michigan State University, East Lansing, MI</p>
4.	<p><i>“Biobased Packaging to Advance Agricultural Economies”.</i></p> <p>“ USISTEF/EC048/2017 ”</p>	<p><b>Shrikanth Aithala</b> Yash Papers Ltd., Faizabad</p>	<p><b>Gavin McIntyre</b> Ecovative Design, LLC, Green Island, NY</p>
5.	<p><i>“Mineralized Dew”.</i></p> <p>“ USISTEF/EC113/2017 ”</p>	<p><b>Ankit Nagar</b> Indian Institute of Technology Madras, Chennai</p>	<p><b>Chaitanya Sharma</b> Dew H<sub>2</sub>O Inc., Redwood City, CA</p>
6.	<p><i>“Provision of Advisory for Necessary Irrigation (PANI) for Farmers”.</i></p> <p>“ USISTEF/EC132/2017 ”</p>	<p><b>Shivam Tripathi</b> Indian Institute of Technology, Kanpur</p>	<p><b>Faisal Hossain</b> University of Washington, Seattle, WA</p>

7.	“Greenhouse-in-a-Box”. “ USISTEF/EC134/2017 ”	<b>Vasumathi Busreddy</b> Telangana Rythu Producer Company Ltd., Hyderabad	<b>Sathya Raghu Mokkalapati</b> Kheyti, Inc., Jersey City, NJ
8.	“Precise Fertilizer Applicator (international patents filed) for Doubling farmers' profits and reducing environmental damage including soil, GHG & water”. “ USISTEF/EC172/2017 ”	<b>Ayush Nigam</b> Distinct Horizon Pvt. Ltd., Hyderabad	<b>Nathalie Collins</b> IDEO.org, San Francisco, CA
9.	“Locally-Manufactured Natural Water Filters from Plant Xylem”. “ USISTEF/EC179/2017 ”	<b>Anil Shenoy</b> Foundation for Innovation and Social Entrepreneurship, Bengaluru	<b>Rohit Karnik</b> Massachusetts Institute of Technology, Cambridge, MA
10.	“BubbleNut Wash- Biodegradable Detergent”. “ USISTEF/EC212/2017 ”	<b>Manas Nanda</b> BubbleNut Wash, Bengaluru	<b>Ms. Nitisha Gundelli</b> Eco Mantra LLC., Mesa, AZ

### Healthy Individuals

S. No.	Project Title / Ref. No.	Lead Partner India	Lead Partner U.S.
1.	“Low cost companion diagnostic test for predicting benefit of adjuvant chemotherapy in ER+ breast cancer”. “ USISTEF/HI022/2017 ”	<b>Vani Parmar</b> Tata Memorial Centre, Mumbai	<b>Anant Madabhushi</b> Case Western Reserve University, Cleveland, OH
2.	“Adjustable Prosthetic Kit and PT”. “ USISTEF/HI036/2017 ”	<b>Sanjay Vaidya</b> Feet First Clinic and Dr. Vaidya's Specialty Centre, Mumbai	<b>Jonathan Perez de Alderete</b> Nonspec, Inc., Lowell, MA
3.	“Blood Test for All Forms of Active Tuberculosis (TB) for Commercialization in India”. “ USISTEF/HI051/2017 ”	<b>Sarman Singh</b> All India Institute of Medical Sciences, New Delhi	<b>Imran Khan</b> University of California, Davis, Sacramento, CA
4.	“Breakthrough diagnostic platform for point-of-care testing of malaria and sickle cell”. “ USISTEF/HI083/2017 ”	<b>Suhas Tamras</b> Tata Elxsi Limited, Pune	<b>Daren Bledsoe</b> Hemex Health, Inc., Portland, OR

5.	<i>“Affordable, portable X-Ray Machine for off-grid rural clinics”.</i>  “ USISTEF/HI097/2017 ”	<b>Gadhadar Reddy</b> NoPo Nanotechnologies India Pvt. Ltd., Bengaluru	<b>Dan Granett</b> Street Physics, Berkeley , CA
6.	<i>“Hospital-to-Home Heart Failure Management Platform”.</i>  “ USISTEF/HI104/2017 ”	<b>Soura Bhattacharyya</b> Lattice Innovations Pvt. Ltd., New Delhi	<b>Rankin A. Clinton III</b> Cardiac Profiles Inc, Franklin, TN
7.	<i>“VECTRAX, an Efficacious Long Lasting Semiochemical Based Attract and Kill Formulation for Management of Mosquito Vectors of Human Diseases”.</i>  “ USISTEF/HI121/2017 ”	<b>Markandeya Gorantla</b> ATGC Biotech Pvt. Ltd., Secunderabad	<b>Agenor Mafra-Neto</b> ISCA Technologies, Riverside, CA
8.	<i>“Providing evidence based therapy decisions in neonatal sepsis using a novel infant pacifier device”.</i>  “ USISTEF/HI132/2017 ”	<b>Amrita Sukrity</b> Spot Healthcare Solutions (SpotSense), Bengaluru	<b>Allyson E. Cote</b> Maternova Inc., Providence, RI
9.	<i>“SCINTIGLO - A Smart point of care urine protein analyzer for mass healthcare”.</i>  “ USISTEF/HI137/2017 ”	<b>Pankaj Parashar</b> Cutting Edge Medical Devices Pvt. Ltd., New Delhi	<b>Scott Doty</b> Independent Product Designer, Pittsburgh, PA
10.	<i>“Artificial Corneas for Vision Restoration”.</i>  “ USISTEF/HI182/2017 ”	<b>Virender Sangwan</b> LV Prasad Eye Institute, Hyderabad	<b>James Chodosh</b> Harvard Medical School, Boston, MA
11.	<i>“Neonatal retina imaging”.</i>  “ USISTEF/HI208/2017 ”	<b>Arun Krishnan</b> Forus Healthcare, Bengaluru	<b>Don McMurtry</b> DualAlign LLC, Clifton Park, NY
12.	<i>“Reducing Waste by Bringing Biodegradable Sanitary Pads to India”.</i>  “ USISTEF/HI214/2017 ”	<b>Bajrang Bagra</b> Ekal Vidyalaya, New Delhi	<b>Amrita Saigal</b> Saathi, San Francisco, CA

**Note: Shortlisted teams are being notified separately for making an in-person presentation before the Joint Expert Panel in the next round of evaluation. Please note that no separate communication would be sent in case of unsuccessful applications.**