

DST-Lockheed Martin India Innovation Growth Programme 2011

List of 110 technologies selected for next phase

S.No	Application No.	Technology Name	Innovator Name	Company
1	1296	Pulse sprout milk technology	Dr Ranganathan Umarani	Tamil Nadu Agricultural University
2	1303	Hybrid Composites	Mr Vivek Patel	Allele Life Sciences Pvt Ltd
3	1310	Organic silica SiO ₂	Mr.Vasudev Nair	Rudra Herbal Remedies
4	1325	Advanced Space engine/ fuel free-fully works electrical-can move to luminal velocity	Mr Senthil Kumar Manickam	Sucess Innovative Research Center
5	1339	An apparatus for automating pathological procedures	Mr Sushant Gupta	MicroMed/IIT Kharagpur
6	1349	RECIRCULATING AQUACULTURE SYSTEMS	Mr Mohan Kandaswamy	Oriental Aquamarine Biotech India Private Limited
7	1356	Natural additive loaded nano-hybrid coatings	Dr S.Anandakumar	Anna University, Chennai
8	1367	Leather Printing Paper	Mr Mohamed Fakruddin	Alain Enterprises
9	1375	Diabetic friendly natural sugar	Mr C.K.Nandagopalan	Insitution
10	1380	Novel technology for upgradation of FCC Residue to valuable refinery products	Dr M.O.Garg	Indian Institute of Petroleum, Dehradun

11	1398	Cost effective method for dyeing fertilisers	Mr A J Flavian	Fertilisers And Chemicals Travancore Limited
12	1401	Pharmaceutical cococrystals to make improved medicines	Prof Ashwini Nangia	University of Hyderabad
13	1403	HiFUN flow solver	Dr Nikhil Vijay Shende	S&I Engineering Solutions Pvt. Ltd.
14	1405	Low consumption "Air Conditioning/ Refrigeration system" in AutoLPG Vehicles -IIT-K, validated	Mr ANINDA SIRCAR	IIT KANPUR
15	1412	Low cost solar inverter controller	Mr Guruprasath M	Green Powers
16	1415	Phyto technology/aloe vera gel manufacturing	Dr A.RAJENDRAN	LIFE CARE PHYTO REMEDIES
17	1420	Agent oriented Dynamic information system	Mr Antony Alappatt	MasterKube software technologies and services limited
18	1437	Submersible water purification device	Mr Chaluvadi Srinivasarao	Varun Purifiers(Pvt.)Ltd.,
19	1443	Chiral Polymeric Membrane and Process for Production of Enantiopure Drugs	Dr N N Dutta	North East Institute of Science & Technology Jorhat
20	1447	Patented Copy Protection & Monetization technology for video	Mr Aniruddha R Gupte	K.E.E.N. Pvt. Ltd.
21	1450	Methods to drive liquid crystal displays (LCD)	Dr Temkar N Ruckmongathan	Raman Research Institute, Bangalore
22	1456	Solar Tracker and Concentrator	Dr Rajarshi Banerjee	Sollector Systems

23	1475	Holistic biotreatment of pulp and paper waste water	Dr Rita Kumar	Institute of Genomics and Integrative Biology- CSIR
24	1476	A Biological method for rapid treatment of municipal waste water	Dr Rita Kumar	Institute of Genomics and Integrative Biology- CSIR
25	1479	Multiple zone well completion for Enhanced Oil Recovery	Mr Chanchal Dass	Oil and Natural Gas Corporation Limited
26	1484	Grid based Micro Air-Conditioners	Mr Sanjay Deshpande	UNIKEN
27	1487	MEMS sensor	Dr Jamil Akhtar	CEERI, Pilani (CSIR)
28	1492	Nanoset Invisible Diamond setting	Mr Sachin Dhakka	Flintstone Consulting
29	1494	Thoroughbred Roof Insulation	Mr Ramachandran Rajkumar	Shatex Lubrcole Activated Polymers
30	1495	Vidyut - Context Sensitive, over the cloud, energy efficiency solutions for SmartGrid, Smart Meters	Mr S Uma Mahesh	Indrion Technologies India Pvt. Ltd.
31	1500	Respiratory muscle trainer	Mr Kalyan Chakravarthy	MCOAHS
32	1501	Strong Authentication Solution	Mr Rakesh Thatha	Array Shield Technologies Private Limited
33	1503	PAIN RELIEVING INSTRUMENT	Dr ARUN MAIYA	MCOAHS, MANIPAL UNIVERSITY
34	1509	Innovative & Cost Effective Knee-Ankle-Foot-Orthosis	Mr Mayank Pareek	Rehabilitation Research, Design & Development Laboratory, Indian Institute of Technology Madras

35	1513	Nutribran Animal Feed	Dr V R Sarath Babu	Fermentech Biologics
36	1528	3-D nonwoven swab for medical applications	Dr Nandan Kumar	High Tenacity Fibres Pvt. Ltd
37	1532	EasySecured Password Less Online Authentication	Mr Gurudatt Shenoy	Easy Secured Software
38	1545	Hardware (VLSI) Implementation of Security Algorithm for Defense	Mr P.KARTHIGAIKUMAR	KARUNYA UNIVERSITY
39	1564	Sanjeevani Disaster management package	Mr Ladkat Rajendra Vithal	Sanjeevani Disaster reaserch and Development Center
40	1567	Novel Topical Microemulsion Formulations for the treatment of Rheumatic Disorders and Related Infec	Dr Manu Chaudhary	Venus Remedies Limited
41	1607	Anti-malarial herbal extract	Mr Gaurav Verma	Deptt. of chemistry, DSB campus, Kumaun University, nainital
42	1611	Novel herbal formulation for arthritis and related condition	Dr Manu Chaudhary	Venus Remedies Limited
43	1613	Fabrication of Two Wheeler Hybrid Vehicle	Dr V K Singh	G.B.Pant University of agriculture & Technology, Pantnagar
44	1616	Anti Hair Graying agen	Mr Vijay Kumar Dwived	HIHT University
45	1618	Herbal Smoking Cessation Product	Dr D.K.Srivastava	A.M.V.Pharmacy (India) Pvt. Ltd.
46	1620	Talent Circle	Dr A. K. Ramani	School of Computer Science and IT, DAVV, Indore

47	1621	Software solutions for small banking (Sehkari banks). CRM for Logistics and warehousing & placement	Prof A K Ramani	Devi Ahilya University
48	1625	Remote Controlled System for Power Tiller	Mr Prajwal Vijay Kumar	Mangalore Robotronics Technologies
49	1637	Enhancement of Oral Bioavailability of Ester Prodrug	Dr SHAMREZ ALI M	KLE UNIVERSITY
50	1649	Lagre scale production of biofungicide spores using citrus peel waste.	Mr Pushpendra Awadhiya	Jagsonpal pharmaceuticals
51	1650	Washing cum exercizing machine/washing machine without electricity	Ms REMYA JOSE	NATIONAL INNOVATION FOUNDATION,AHMEDABAD
52	1658	Simple software program on web to help manage indian SME business	Mr Sharath chander	Narmax Consultants Pvt Ltd
53	1662	Self Mixed Anaerobic Digester (SMAD)	Dr A.Gangagni Rao	Indian Institute of Chemical Technology (IICT)
54	1663	Automatic Dental X-ray Processor	Mr Vaibhav Tidke	Institute of Chemical Technology(ICT/UDCT)
55	1674	Gate operated repulsive magnetic piston fuel free engine	Mr manoj gattani	university of petroleum and energy studies
56	1675	Multiphase Induction Motor	Prof Archana Nanoty	Parul Institute of Engg. & Tech, Diploma Studies-II Shift
57	1679	Zinc oxide - soluble starch nanocomposites	Dr N. Vigneshwaran	Central Institute for Research on Cotton Technology

58	1689	Natural Anti-microbial Nano particle Sanitizer.	Mr Sudarsan Rajagopalan	Splendour Medicare Technologies
59	1694	System, Method and Computer Program for Providing Mobile Access to Financial Data	Mr Rohit Bhargava	BOMTech
60	1701	DSP based Adaptive Control Algorithm for Aerospace & Defense	Mr Praveen S. Jambholkar	Cybermotion Technologies Pvt.Ltd
61	1709	Enersavv Flush System	Mr Shailendra.M	NATRICX LABS
62	1711	Prefabricated compact high rate organic solid waste digester	Mr Johny Joseph	Indian Institute of Chemical Technology(IICT)
63	1712	TouchHb - Non Invasive Hemoglobin estimation device.	Dr Abhishek Sen	Biosense Technologies Private Limited
64	1720	Super efficient Airconditioner	Mr Praveen S. Jambholkar	Cybermotion Technologies Pvt.Ltd
65	1730	Adsorbent for used frying oil	Dr Padma S Vankar	Facility for ecological and Analytical Testing, IIT Kanpur
66	1746	Nano Ganesh	Mr Santosh Ostwal	Ossian Agro Automation Pvt.Ltd.
67	1750	Vertical Wind Power Generator	Ms J.jayasudha	Biswakarma Bricks & blocks
68	1759	Enterprise Energy Management Using Wireless Sensor Networking technologies	Mr Jay Krishnan	Wifinity
69	1760	Steel drums / reducing the thickness thus overall weight of	Mr BALBIR ONKAR SINGH	JAVS ENGINEERING (I) LTD.

		the drum without compromising on strength		
70	1766	Dedicated Gas Engines	Dr Rajesh C Iyer	Eco Engines Pvt Ltd
71	1769	BCMS - Business Continuity Management System	Mr Sundar Raman	Perpetuiti Technologies
72	1776	Silent Observer /A tool to check sex determination tests and helps in effective law enforcement	Mr Narendra K. Saini	Sukrut Systems
73	1791	Online Tailor	Mr Sanjeev Arora	Textronics Design Systems (I) Pvt. Ltd
74	1794	Titanium based Middle Ear Implants	Mr Siddharth Rakholiya	EON Meditech Pvt. Ltd.
75	1795	Unique Food Drying	Dr Sailen Ghosh	Retired
76	1811	Echocardiography machine	Mr Ravi Ganesh	Surabi Biomedical Instrumentation
77	1818	Invert sugar	Dr Sailen Ghosh	Private
78	1833	Automotive Specialty	Mr Rajeev Ranadive	Automotive Robotics
79	1844	Sacona`s eO	Mr Sachin Bharadwaj	Sacona Entertainment India Pvt. Ltd.
80	1859	Thermal plasma process for production of TiO2 rich slag	Dr P.S.Mukherjee	Institute of Minerals & Materials Technology (CSIR)
81	1865	Content verification	Mr Ashish Anand	SecureSpin Systems

82	1869	Sun Catcher` [Low cost solar water heater]	Mr Kishor Kanthikar	Sunrise Enterprises
83	1882	Semi auto biochemistry analyser with coagulation & elisa tests	Mr Girish Patel	Micro Lab Instruments
84	1917	Making Natural Sugar Diabetic friendly for the first time in the World	Mr Nandagopalan C.K	Insitution
85	1918	DIABETES COMPLICATION DIAGNOSIS AND GUIDANCE	Mr NITIN JOBANPUTRA	ADVANCE DIA-BESE CARE PVT LTD.
86	1958	Artificial Intelligence based power management system	Mr Nelvin Joseph	Artin Dynamics
87	1971	Intutive programmable device for control/automation applications	Mr Sandeep	Evobi technoCentre LLP
88	1974	URINE ALBUKIT	Mr SARABJEET SINGH JOHAR	KANPUR TEST HOUSE
89	1980	Mobile Banking	Mr Abhishek Sinha	Eko India Financial Services
90	1995	ECOGOLD 999 PLUS	Mr Rajesh Modi	PAKS VETERINARY DRUG MFG CO PVT. LTD
91	2012	Hairminator	Ms Mrinmayee Bhushan	Mindfarm Novatech P Ltd
92	2037	Non-humid air cooler	Mr Altaf A Tinwala	Energia Drying & Cooling Equipment pvt.ltd
93	2044	Low cost, Power sipping, integrated server	Mr Sachin Garg	NavankurIt

94	2050	Transaxion	Mr Noor Qazi	Mann-India Technologies Pvt. Ltd.
95	2053	Education tool for fiber optic communication	Mr Hitesh Mehta	Fiber Optika Technologies Pvt. Ltd.
96	2055	photoactive Scratch resistant TiO ₂ Coating	Dr K. K. Saini	National Physical Laboratory
97	2061	SELF CURING & SELF COMPACTING CONCRETE	Mr SUNIL KUMAR CHAUDHARY	ROAD CONSTRUCTION DEPARTMENT,PATNA
98	2097	TMail	Mr Vishal Shah	Synersoft Technologies Pvt. Ltd.
99	2104	Algorithm for segmenting bone in an Ultrasound image	Mr Akbar Abbas Doctor	B Braun Aesculap
100	2123	Quaternized Peptide for Cosmetic Ind	Mr JIBANANDA MUKHERJEE	Dr.Subhash Mukherjee Memorial Laboratory
101	2144	Brain Function Training	Mr David Kaiser	Medha Mind Enhancement Company (P) Ltd.
102	2163	3nethra - In intelligent pre-screening ophthalmology device	Dr Shyam Vasudeva Rao	Forus Health Pvt.Ltd
103	2165	Electrohydraulic Assisted Cycle Rickshaw	Dr Sunil Jha	I.I.T. Delhi
104	2172	Isolation of docosahexaenoic acid (DHA) and eicosapentaenoic acid (EPA) in solid form, from fish oil	Mr Nandkishore J. Duuragkar	Central India Pharmaceuticals
105	2187	LIGHT DUTY VARIABLE DISPLACEMENT COMPRESSOR FOR CAR AIR CONDITIONING	Mr Sankha Subhra Datta	Working in N.F. Railway

106	2189	Ipintentio Web-based IC design platform	Mr Arijit Dutta	DSipher Design Solutions Pvt. Ltd.
107	2202	Dual side display Laptop note book computer	Dr Janardhana Reddy	Vijaya Hospital
108	2204	Multimedia Interactivity for customer Engagement	Mr Varun Chandra	InCights Mobile Solution
109	2218	A Photonic Smart Card	Dr Ajith Kumar P.T	Light Logics Holography and Optics
110	2223	XAPP – Cross Platform Executable Application™	Ms Prachi Raj	InXero Technologies Pvt. Ltd