



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

MoE, UGC & AICTE Approved

NAAC A++ Accredited

7.4.5 - The University as a body assists Start-ups that foster and support a Low-Carbon Economy/ Technology

Karunya Institute of Technology and Sciences (KITS) nurtures a vibrant innovation ecosystem through active incubation support for students, faculty, and industry partners. The institute currently hosts 31 student startups, ranging across domains such as AI & IT, Biomedical devices, Robotics, Aero-tech, Eco-friendly products, Social innovation, and Women-safety solutions, progressing from TRL 1 to TRL 6. Alongside, 17 faculty-led startups are developing solutions in agri-tech, environmental technology, biomedical research, and mechanical innovation. Further, 14 industry incubates collaborate with KITS, focusing on biofuel systems, biosensors, software solutions, medical devices, food technologies, and sustainable materials. This integrated incubation environment strengthens innovation, entrepreneurship, and commercialization, driving technology-based societal impact.

KITS Policy on Innovation, Incubation and Entrepreneurship:

<https://www.karunya.edu/ktbip/policy>

Karunya Technology Business Incubation Park (K-TBIP) Incubates List

1. List of Student Incubates

Sl.No	Startup Title	Founder(s) Name	Startup Sector	TRL
1	Autonomous Golf Cart (Self Driven EV)	Mr. Kevin. J (URK22CO3003) Mr. Jeffrey Chris (URK22CO3009) Mr. Selvavignesh G (URK22AI1031) Dr. A.M. Anusha Bamini Asst.Prof,CSE	IT	TRL 2
2	Wonder Workers (Web Developer)	Mr. Dhuruv Swamy R (URK22AI1016) Mr. Aron Jose A (URK22AI1017) Mr. Hariharan K (URK22AI1048) Mr. Samnaveen Kumar V (URK22AI1043)	IT	TRL 6
3	UV object sanitizer	Ms. Letitia Nimshi, (URK22BM3001) Ms. G. Venika, (URK22BM2008) Dr. P. Manimegalai - BME	Bio - Medical	TRL 3
4	Reverse vending machine	Ms. Janina Mr. Avis Crispus Samuel Praneeth Ms. Regulla Mallika Priya Harshini Ms. Fidelia Francis Fernandes	Social	TRL 1

		Mr. Arpit Lazaras Gaikwad Mr. Joshan Moorikottu Cherian		
5	Mensch Robotics Private Limited	Mr. Bibin Thomas, Founder - Mensch Robotics	Robotics	TRL 5
6	Nex-Dynamics	Mr. Kabilan KB, (ULK20RA1008)	Autonomous vehicles	TRL 4
7	Teshuvah Bionics	Mr. Immanuel John Mathew (URK21RA1007)	Bio Medical	TRL 4
8	Pyrolysis of Biowaste to Composite	Mr. Dinesh K	Social	TRL 1
9	(Zephyr) Empowering Women's Safety Through Smart Technology	Mr. Thomas Chandy Ms. Rachana C Nair	Women Safety	TRL 2
10	A low Cost CPAP for wide-speed usage	Ms. Sowmya Sudhakar, (URK19BM1001)	Bio Medical	TRL 4
11	Healo Packs (Lakshmi Print and Pack)	Mr. C.L. Brijesh (URK22BT1030)	Biology	TRL 2
12	Extraction and Evaluation of Anti-Lice Efficacy of Sphaeranthus Indicus Linn for infestation of lice	Ms. Litta Roy (URK22BT1032)	Herbal	TRL 2
13	GS Smart Table	Mr. Aron Jose A (URK22AI1017)	IT	TRL 1
14	An AI-powered online platform aiming to create entrepreneurs	Mr. Sharvesh. P.P, (URK21AE1024)	IT	TRL 1
15	Herbal E-ball	Ms. TP. Tryphena, (URK21AC1267)	Herbal	TRL 3
16	Artiflex	Ms. Regulla Mallika Priya Harshini, (URK23AI1026)	Bio Medical	TRL 2
17	Edible Cutlery	Mr. T.S. Harish Theriraja, (URK23FP2009)	Eco Friendly	TRL 1
18	Baby Bites	Ms. Pavithra Reji, (URK23FP2014)	Bio Medical	TRL 1
19	Banana- Cellulose Based Bio composites	Mr. A. Mohammed Suhail, (URK23BT3008)	Eco Friendly	TRL 2
20	Rapha Medtech Solutions	Mr. Aashish Samuel, (URK22BM2032) Mr. V. Karthikeyan, (URK22BM3004) Mr. Arpit Chauhan, (URK22BM3008)	Bio Medical	TRL 3
21	AI Sentinel	Mr. Abin Shaji Thomas, (URK24CS6007)	IT	TRL 1
22	PermaSpark	Mr. Chris Jaron, (URK21CS2001)	IT	TRL 1
23	Repairon	Mr. G. Shri Vishal, (URK23AE1019) Mr. K. Santhosh Kumar, (URK23AE1018) Mr. S. Darish, (URK23AE1025) Mr. S. Rahuram, (URK23AE1012)	Aero Tech	TRL 1

24	Trulife	Mr. Mohammed Haneefa Jafar, (URK22AI1057) Mr. A. Mohamed Riyaz, (URK22AI1041) Mr. W. Benidict Rejones, (URK22AI1087)	Social	TRL 1
25	Custom Multi-Purpose Drone Manufacturing	Mr. Solomon P A (URK22AE1040)	Aero Tech	TRL 1
26	Lead Healthy Life	Mr. RAAJ VISANTH M S (PRK24MS1022)	Social	TRL 1
27	Advanced Portable Raman Spectroscopy Device for Breast Cancer Detection	Ms. MIRACLEIN SHEBA J P (PRK24BM1001) Mr. Kavi Nilavan (RRK22PH1002)	Bio Medical	TRL 2
28	Forensic Kit	Mr. Rohith Sugu S (URK22FS1007) Ms. K. Iyeswarya, (PRK24FS1004) Ms. Anitha Mary A (PRK24FS1008)	Criminology	TRL 3
29	Mine Detector (Thiru Chakshu)	Mr. Joel Manu Alexander (URK24EE1001) Ms. Chitra Ranjit Nair (URK24AE3001) Ms. Angeleena Philip (URK24AE1003) Ms. Krishna Kamleshbhai Solanki (URK24AE3009) Mr. Darshan Samuel Nayak (URK24EC8004) Mr. A. Prathap Joel (URK24EC8009)	Mines	TRL 1
30	Biomass Briquettes (eco-friendly fuel alternatives)	Mr. Dinesh T Mr. Madesh T	Eco Friendly	TRL 1
31	Smart wind mill transportation	Mr. Keerthivasan (URK23ME6021) Mr. Richard Albert K M (URK21RA2007)	Eco Friendly	TRL 1

II List of Faculty / Staff Incubates

Sl.No	Start-up Name	Founder(s) Name	Startup Sector	TRL
1	Culex Mosquito Trap	Dr. R. Philip Sridhar, Agriculture Dr. Anitha Mary X, Robotics Engg Dr. P. Rajalakshmi, Robotics Engg	Social Tech	TRL 4
2	Mayim Chayim	Dr. P. Jegathambal, WI	Environmental	TRL 3
3	Nitrate Sensor	Dr. M.Suguna Devakumari, Agriculture	Environmental	TRL 3
4	Refuah Herbals	Dr. David Paul Raj, Biotechnology	Biomedical	TRL 5
5	Anti-Theft Device for Fishing net	Mr. Gerard Joe Nigel K, Robotics Engg	Social Tech	TRL 2
6	Development of Probiotic based on millet to address cognitive impairment / (ADHD)	Dr. Gobikrishnan S, Food Processing Technology	Biomedical	TRL 2
7	HR Recruitment Service	Mr. B. Jai Ganesh, MBA	IT	TRL 1

8	ZOE Cloud Services & Smart System Development	Dr. J. Jaya Kumar, EEE	IT	TRL 4
9	Tendon Tissue Engineering in preclinical Sheep model	Dr. Rebu Sundar, Biotechnology	Science	TRL 2
10	Advanced Passive Cooling Solutions	Dr. A. Brusly Solomon, Mechanical Engg	Mechanical	TRL 4
11	ALGAE MOKSH	Dr. Jibu Tomas, Head, Biotechnology	Biology	TRL 4
12	Naari Nestam	Dr. G. Babu Rao, Mechanical Engineering	Biomedical	
13	Smart Honey extration	Dr.R. Priscilla Joy, CSE Dr. Immanuel John Raja, CSE Dr. P . Sam Paul, Mechanical Engg Dr. Catherine Joy, ECE	Eco Friendly	TRL 1
14	Four I Tech R&D solutions pvt ltd	Dr. S. Rajesh, Physical Sciences Dr. R. Nandhakumar, Physical Sciences Dr. B. Vidhya, Physical Sciences Dr. A. Sakunthala, Physical Sciences	Eco Friendly	TRL 4
15	Rubic cubes	Dr. S. Jebasingh, Mathematics	Science	TRL 4
16	RADO ++	Dr. Sugumar D, ECE Dr. Anita Jones Mary T, ECE Mr. Jebavaram J, Lab Technician, ECE	Science	TRL 2
17	Abaya Security	Dr. Siva Mangai, ECE	IT	TRL 2

III. List of Industry Incubates

Sl. No	Names	Industry	Theme/Product
1	Dr. Dileep Kumar. R	M/s Indriyam Biologics	INDHAN - A fully automated bio diesel processor, V-SENS - Snake venom detection biosensor.
2	Mr. Varoon Damodaran	M/s Birchwood Pets	Pet Foods
3	Dr. G. Paul Robinson Gnanaraj	M/s Mapusoft Technologies	Operating Systems
4	Mr. Santosh D	M/s. WisRight Tech Private Limited	Business Development with Internships
5	Mr. Renious Charles	M/s Truleaf Private Ltd	R&D of bakery products and multi varieties of breads
6	Mr. Lokesh. Allibilli	M/s. Ujasravanthi Indothermal Technologies Pvt Ltd	Design and Development of loop heat pipe technology [LHP]

7	Mr. Nagaraj	M/s. NuStartZ	Development of software services and IT support
8	Mr. Joshy Varkey	Bio Vastum Solutions Private Limited	CML biotech Ltd. (Medical disposable manufacturing)
9	Mr. Vinothkumar Rathinakumar	i6 Sec Solutions Private Limited	Threat Lift
10	Mr. M.N. Samy	Sri Selvanayakiamman Traders Private Limited	Bio-char Production
11	Mr. Ramesh Kumar	Astravue Technologies Pvt Ltd	Software esolutions
12	Mr. Jeetu Mayani	Nasanta Food & Drink Pvt Ltd	R&D of food products
13	Mr. Jackson Alex	Falconretech Pvt Ltd	Medical software
14	Mr. Sriveera	Aparoks Pvt Ltd	Development of software services and IT support