

## IRD Approved Student Startup Action Project Proposals (Call-2019)

S. No.	Project Title	Mentor/Mentors	Students
1	Smart Charging Solutions	Prof. Bhim Singh	Anjeet Verma 2015EEZ8414 Priyvrat Vats 2017EEZ8565 Saran Chaurasiya 2017EEZ8568
2	Metamaterial based Radiative cooling: Towards energy free all day cooling	Prof. Rajesh Prasad Prof. M R Ravi	Abhishek Gangwar 2017ME20642 Shivam Goyal 2018ME10639
3	Studying e-rickshaw operations and development of charging and parking infrastructure for e-rickshaws	Prof. Nezamuddin	Sourav Das 2018CEZ8033 Gandham Sai Chandrika 2018CEP2162 Shivam Sachdeva 2016CE10856 Harsh Singla 2016CE10226
4	Design and Development of Low Cost, Low Wattage Single Phase Induction and PM Motor Ceiling Fans	Prof. Bhim Singh	Utkarsh Sharma 2016EEZ8064 Sharankumar Shastri 2018EEZ8160

5	Personalization of education by – (a) Mapping the learning behavior of students by Learning tasks, so that schools, institutions and students themselves can have the study content and activities surrounding their behavior. (b) An application with tools for students to optimize their own personalized study plan and learning behavior. Helping students define their own smart study.	\$	Yash Badola 2016PH10554 Mudit Garg 2016PH10553
6	Development of Low-Cost Smart Diabetic Shoe for Effective Foot Ulcer Prevention	Prof. Deepak Joshi Prof. Arnab Chanda	Aastha Jain 2018ME20661 Jigiasu Kumar 2019ME2838
7	Digi-seeker	Prof. Rama Krishna K	Himanshu Singh Chauhan 2016ME10678 Rajan Gupta 2016ME20794
8	Plastic Waste recycling for use in Civil Construction	Prof. B K Satapathy Prof. Josemon Jacob	Abhishek Anand 2017CE10073 Utkarsh Gupta 2018CE10168 Akshay Shrivastava 2018CH70275

\$ - Subjected to Mentor Approval

**Additional Information:** The selected teams will be given a seed grant up to Rs. 2 Lakhs per year from IRD. The project will be evaluated yearly. IP and other output generated by the start-up will be owned by the start - up team with 5 % equity for the institute. The start-up activity will be facilitated by a faculty member. There is further scope for incubation of the Start-up in Technology Business Incubator (TBI) Program of FITT-IITD.

**Note:**

- 1) The approved project proposal can now be initiated in IRIS in "New Project Initiation" (NPI) with the start date as 01 January, 2020 and end date as 31 December, 2020 with the per year budget.
- 2) Addition and deletion of students be done with prior permission of Mentor and IRD.