

# IPTIF's Activities for CSR



IPTIF is a Section 8 company of IIT Palakkad established in 2020 with support from NM-ICPS, DST, Government of India. Under the National Mission on Cyber-Physical Systems, IPTIF focuses on the domain of Intelligent Collaborative Systems (ICS) with a special emphasis on driving automation in Energy and Safety sectors, among others. IPTIF activities are focused mainly around the verticals of Technology Development, Entrepreneurship Development, Human Resource Development and Skill Development.

## Focus Areas



## SDGs We Address



Mentored by



Supported by





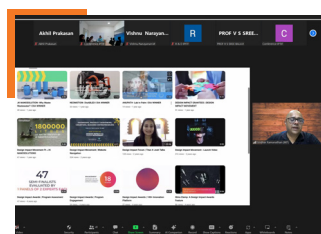
# Idea Spark

- Ideathon
- Hackathon
- Social Challenges and Rural Development
- Grassroot Innovators



## Skill Development & Fellowships

- Technology skilling programs for school students, UG , PG, Faculties & research Scholars in the areas of IOT, AI/ML, Robotics, 3D printing, PCB designing, Cyber Securities, Design For Manufacturing etc.
- Advance-level Industrial Upskilling Programs for engineers and technicians in the above technology areas.
- Training programs on Renewable energy Technologies (Installation and Servicing) & Energy Entrepreneurships.
- Women Empowerment through technical upskilling.
- Fellowships for 6-months long internships in Technology/ product development projects and training programs.
- 20 Seater Skill Development Centers.



# CSR for Startups

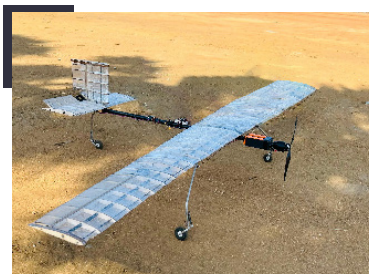
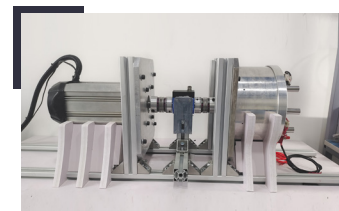


- Grand in Aid funding for Indigenous Technology Development / Implementation, with Environmental or Societal impact, from startups
- Job creation in Startups
- Technologies from Startups in domains like Renewable energy , Healthcare, Agriculture, Sanitation, Defense and Waste Management.
- Support Vocal for Local, Athma Nirbhar, Make In India, Design and Manufacture in India slogans.



## Indigenous Technology Development

- Multiple innovative indigenous technology development projects in the focus areas focused on Energy, Environment, Health, Agriculture and Sustainability
- Facility availability- State of the Art Laboratory facility, Simulations, Fabrication and Prototyping lab, Electrical lab, Robotics testing facility, access to IIT Palakkad central instrumentation facility
- Expertise - Faculties and Engineers with Industry-experience in product development
- Mentorship from experienced technical mentors
- Design, manufacturing, testing and field validation of technologies addressing Industry- relevant problems and National Priorities





# Entrepreneurship

- Entrepreneurship Development Programs
- Energy Entrepreneurship
- Entrepreneurship in Residence (EIR) Fellowship
- Women & Rural Entrepreneurship training
- i-TREND centers

4 QUALITY EDUCATION



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



## Why Partner with us

- Technology Hub with mandate of creating a larger societal impact through technology.
- Technology Hub operating in a region with economically & socially backward population and agrarian communities requiring technology interventions.
- Very well designed programs under each verticals with tested processes.
- Collaborations with academic and Industry experts for advanced skilling.
- Experienced management and technical teams ensuring efficient transparent and financial processes.

## Our Facilities



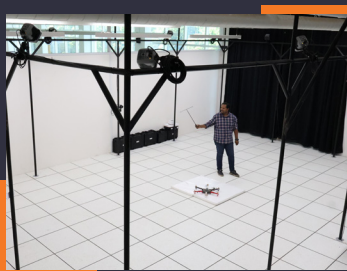
Fablab



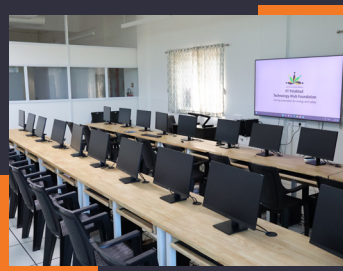
3D Printing Lab



Electrical Lab



Motion Capture Lab



Skill Development Area



Battery Testing Lab