



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

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Centre For Innovation & Entrepreneurship (CFIE)

Centre For Innovation & Entrepreneurship (CFIE) serves as a platform that acts as an enabler in the promotion and commercialization of viable ideas of budding entrepreneurs.

CFIE is located within the campus of Pandian Saraswathi Yadav Engineering College (PSYEC) which is functioning as the Program Implementation Agency (PIA) of NSTEDB of DST & EDII, Ahmedabad. The Institution is recognized as a Host Institute/ Business Incubator under the MSME Scheme "Supported For Entrepreneurial and Managerial Development of SMEs through Incubators"

CFIE has been incorporated by PSYEC to support and bolster a start-up company's creation and activity in the early stages (initialization, design, experimentation, prototyping, seed and initial development) before it becomes self sustainable. The incubator provides support in terms of Office Space at PSYEC Campus, Early Stage Funding, Infrastructural Facilities and access to an exceptional Eco System consisting of Renowned Mentors, Industry Experts, Serial Entrepreneurs, Software Designers, academic/Faculty Experts and Investors among others.

C-FIE Offers the Following Services

- ❖ Infrastructure Support.
- ❖ Connectivity.
- ❖ Hardware & Software Support.
- ❖ Prototype Development.
- ❖ Capacity Building Programs.
- ❖ Trainings.

C-FIE Innovative Projects

SOLAR POWERED INSPECTION TROLLEY



Solar Powered Inspection Trolley is used in railway track. It runs on Renewable Energy and detects the problems in the railway track.

OXY COMPATIBLE STRETCHER

Oxy Compatible Stretcher is mainly designed to hold Industrial Oxygen Cylinder. It was innovated and fabricated during the COVID pandemic time and donated to government hospitals. The students were appreciated by the Collector of Madurai District and the Dean of Madurai Rajaji Govt. Hospital.



SMART HEN CAGE

Smart hen cage is made to enhance terrace poultry through cities. This cage is fully atomized and suitable to grow hens in the terrace.



MINI BIKE

Mini Bike is a race bike. It was made by the students, specifically for a race under 60cc and 80cc.





E-CYCLE

Electric Bicycle runs by electricity. It rides 30km in a single charge. Acts as an E-Vehicle and used for local rides.



FOOT OPERATED SANITIZER DISPENSER

Foot Operated Sanitizer Dispenser is used to dispense sanitizer through operate by the Foot. It was manufactured by the C-FIE students and donated to various public sectors during the pandemic situation



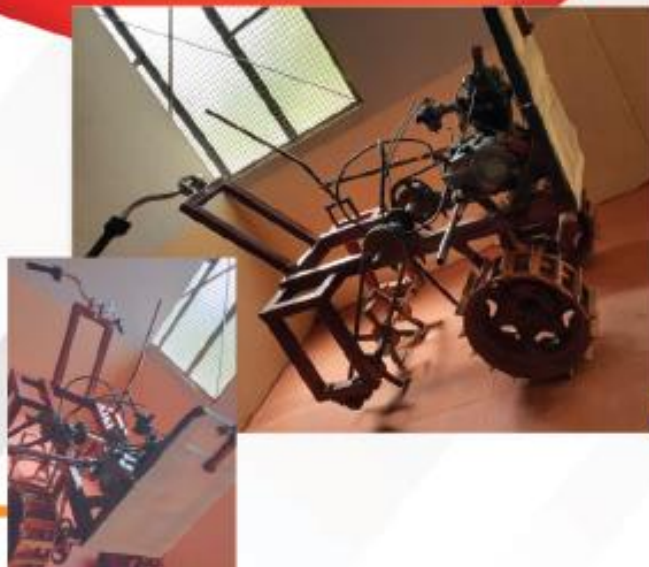
PLASTIC BRICKS

Plastic Paviour Blocks are made using the waste plastics. The waste plastics are to be melted and added fine aggregate aggregate to manufacture the plastics paver blocks in rectangular and hexagonal shapes.



AGRICULTURE WEEDER

Mini Power Weeder is designed for small scale farmers for their agriculture very purpose. It is compact and easy to operate





EGG HATCHING INCUBATOR

Egg Hatching Incubator is used to hatch the eggs. It is used for commercial purposes.

TRANSCHAIR

Transchair is a bed cum chair which acts as a bed and chair. This bed helps to the patients to move themselves easily without others help.



OXYGEN CONCENTRATOR



Oxygen Concentrator is used to generate oxygen from the atmospheric air. It provides 92% - 94% pure oxygen at 24 lit/min ratio.

SOLAR CAR

Solar Car runs on Solar Power. It is stored in the battery. It uses to renewable energy and used as a passenger mover.



Achievements

ACHIEVEMENTS

Arambam -2022 winner

Our students have won several awards as a part of their young entrepreneurship talent exploration. Nativelead & YI from Madurai district collector Dr.S.Aneesh shekar. First prize- "Plastic paver block" presented by Dineshkumar, Suman and Krishnan , Second prize- "Solar trolley" presented by Mohan, Kaviya and team.



GenZ 2021

Our Students won the I Prize and the III Prize in "genZ" organized by 3D Printperfecto held in Madurai. Congragulations to the Students and the entire team of PSYEC... We are proud of you and your accomplishments. We are confident that you will continue with even more successes. You have made us all proud my dear students. I Prize (3D Printer worth Rs. 50,000/-) - Mr.Mohan, Ms.Kaviya and Mr.Balaji for Solar Trolley III Prize (3D Pen Worth Rs. 15,000/-) - Mr.Dhanaprakash and Mr.Nandhakumar for Medical Stretcher.

Google Startup

Winner 2019 - Google startup weekend powered by Google for startups conducted at Madurai.

Winner 2016-III, 2017-II, 2018-I (these consecutive years) , conducted by Google at Coimbatore,.



Best Business Plan

PSYEC Students won the second prize at IDEATORS'18 organised by Jansons School of Business and Native lead Foundation.



CII Connect 2021

The "PSY Spartans" team of Pandian Saraswathi Yadav Engineering College won the first prize for the CII Connect 2021 Hackathon from Thiru M K Stalin, Hon'ble Chief Minister, Government of Tamil Nadu. The team created an alternative for the fuel consuming Rail Track Inspection Trolley, using solar energy.



Rural Scientist Innovator Award 2020:

solar car product got rural innovate award and won Rs. 1lakh cash prize in 2020, Conducted by science city, Department of Higher education, Government of India.