APJ ABDUL KALAM INNOVATION CENTRE

ABOUT

APJ Abdul Kalam Innovation Centre - Supported by Institute Innovation Council is a dynamic hub designed to foster creativity, collaboration, and the development of groundbreaking ideas. This Centre serves as incubators for innovation, bringing together entrepreneurs, researchers, and forward-thinking individuals from various disciplines to explore new concepts, technologies, and solutions. They often provide access to cutting-edge resources, mentorship, and networking opportunities, enabling innovators to take their ideas from concept to reality. Innovation centers play a crucial role in driving progress across industries and contributing to economic growth by nurturing the spirit of innovation and entrepreneurship

OBJECTIVE

- ➢ Foster creativity and ideation by providing a collaborative space
- ➢ Support research and development efforts for cutting-edge technologies
- ➢ Facilitate the incubation and growth of start-ups and innovative projects
- ➢ Promote cross-disciplinary collaboration and knowledge sharing
- ➢ Drive economic growth and competitiveness through innovation and entrepreneurship

CENTRE HEAD

Mr.M.Ashok Kumar M.E Assistant Professor/ECE

OUTCOME

- ➢ An Innovation Centre fosters creativity and collaboration
- ➢ It drives breakthrough ideas and inventions
- ➢ Accelerates business growth and market competitiveness
- ➢ Empowers start-ups and entrepreneurs to thrive
- ➢ Cultivates a culture of continuous improvement
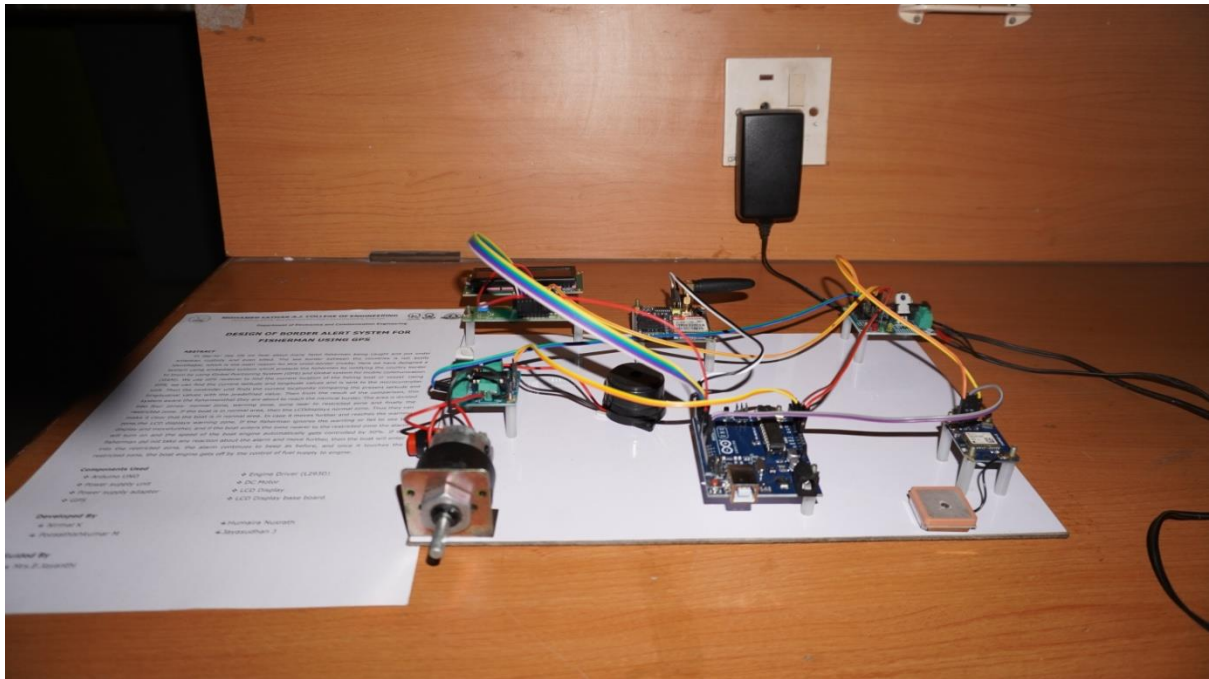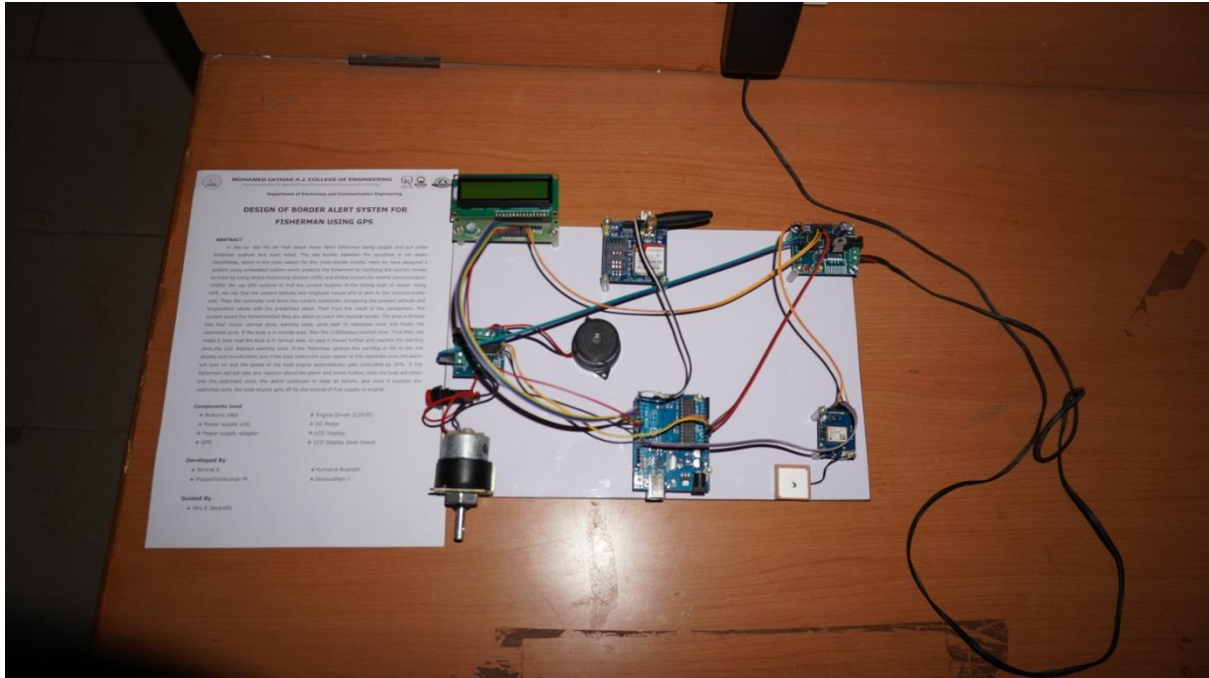
LIST OF PROJECTS COMPLETED FOR INDUSTRY

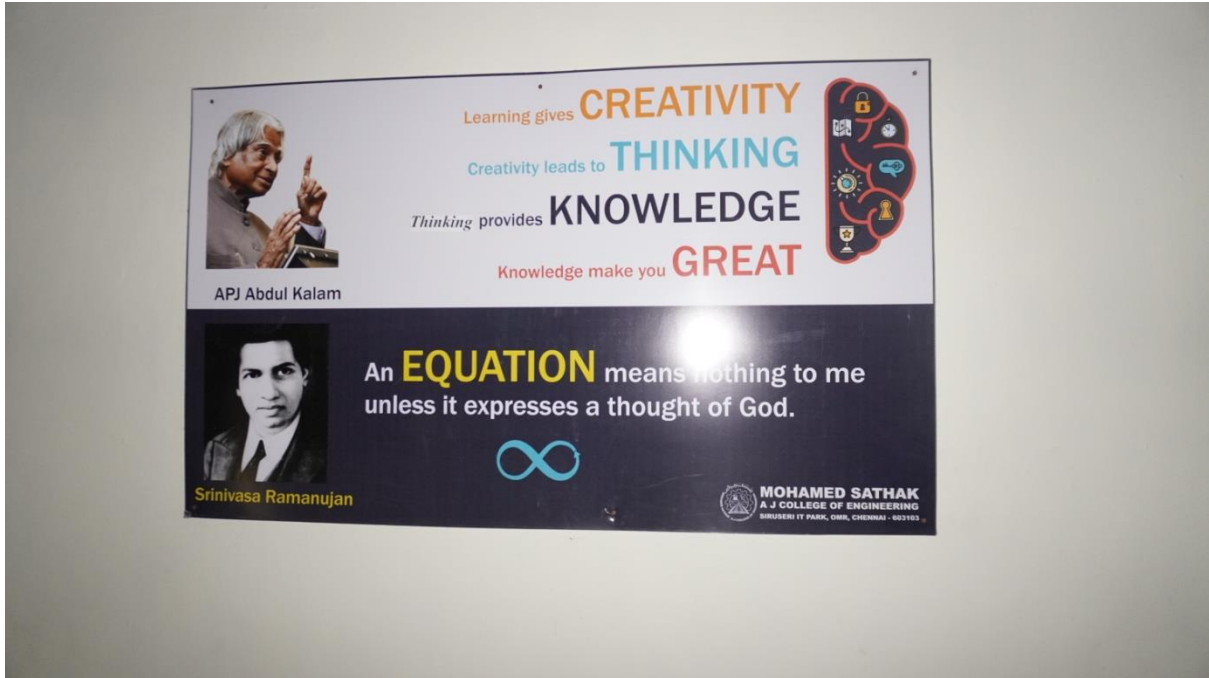| S.No	Title of the Projects	Industry Name
1	Water Level Controller using IoT	Gowatr
2	Preethi Smart Chimney	Phillips
3	Automatic Water tank level indicator motor control using mobile application	Unnat Bharat Abhiyan

LIST OF PROJECTS COMPLETED FOR CENTRE

S.No	Title of the Projects
1	**Lab Automation Using IoT**
2	Non-Contact Thermometer
3	Water Level Monitoring System
4	Automatic Hand Sanitizer
5	Automatic Tap System
6	Portable Health Care System
7	Tesla Coil
8	Smart Dustbin
9	Eye Blink Sensor based alert system
10	Human motion based automatic light and fan control
11	Eagle Eye based Heart attack detection and prevention System
12	Waste Noise based power generation for the application of Smart Dustbin
13	Weather forecast system using ESP8266 With Deep Learning
14	Eye Blink Sensor based alert and engine Control system
15	Design of border alert system for fisherman using GPS
16	Toxic gas detection and monitoring utilizing Arduino
17	Grid based wireless charging
18	ATM based smart voting system
19	Rechargeable Remote
20	Smart home system using esp8266

CERTIFICATION

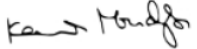|	2022-23	Odd	ESIM	IIT Bombay	5	
	2022-23	Odd	LabView	MSAJCE	16	
	2021-22	Even	LabView	MSAJCE	19	
	2021-22	Even	ESIM	IIT Bombay	21	
	2021-22	Even	Electronic Circuit Design using MATLAB	MSAJCE	29	
	2019-20	Even	Machine Learning Onramp	Mathworks	2	
Dr. APJ. Abdul Kalam Innovation Center	2019-20	Even	Deep Learning Onramp	Mathworks	1	104
	2020-21	Odd	LABVIEW Core 1	National Instruments	5	
	2019-20	Even	Data Acquisition Using LabVIEW NXG	National Instruments	1	
	2019-20	Even	LabVIEW Core 1	National Instruments	2	
	2019-20	Even	LabVIEW Core 2	National Instruments	2	
	2019-20	Even	Manage Your Stress at Workplace	Udemy	1	

Certificate for Completion of
Scilab Training

This is to certify that **NIRMAL K** has successfully completed **Scilab** test organized at **Mohamed Sathak A.J College of Engineering** by **Jayanthi E** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

MUTHU PANDEESWARI at **Mohamed Sathak A.J College of Engineering** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 3   Score: 46.67%

May 22nd 2023

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.
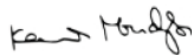
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Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of
eSim Training

This is to certify that **ABDUL BAASIT A** has successfully completed **eSim** test organized at **Mohamed Sathak A.J College of Engineering** by **Jayanthi E** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

MUTHU PANDEESWARI from **Mohamed Sathak A.J College of Engineering** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

November 26th 2022

Prof. Kannan M Moudgalya
IIT Bombay

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Estd - 2001

ISO 9001:2015 Certified by IRQS | NABCB QM 006 | CII | AICTE CII SURVEY SILVER RANKING | Performer ARIIA | INSTITUTION'S INNOVATION COUNCIL Ministry of Education Initiative

Certificate of Participation

This is to certify that

Mr. / Ms. _____ **Basharathulla A, II Year ECE** _____ student of

Mohamed Sathak A J College of Engineering, Chennai has successfully completed the training

program on **"Electronic Circuit Design Using Matlab"** from 15th March 2022 to 05th May 2022.

Conducted by APJ Abdul Kalam Innovation Centre, Department of Electronics and Communication

Engineering.

Dr. M. Sivakumar
Course Co - ordinator

Dr. I. Manju
Head - Technology Centre & Industry Relations

Dr. K.S. Srinivasan
Principal