



**VIMAL JYOTHI
ENGINEERING COLLEGE**

JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERALA

ACCREDITED BY IEI, NBA & NAAC ♦ ISO 9001:2015 CERTIFIED
AFFILIATED TO KTU ♦ APPROVED BY AICTE

**DEPARTMENT OF
ELECTRONICS & INSTRUMENTATION ENGINEERING**

Innovative Technologies Workshop: Electronics Prototyping

Venue: Research lab AEI

Date: 18/11/2023, 09:00 am -04:10 pm

Resource Person

Mr.Shinu MM

Assistant professor ,AEI

Convener: Dr.G.Glan Devadhas, Professor, HOD AEI

Staff Coordinators: Mrs. Shamy A

Assistant Professor , AEI

Vision

The department strives to enrich professionals of high competency in the area of instrumentation engineering and mould them to adopt the crux of matter in the field of automation.

Mission

To prepare the students to envisage beyond the hypothetical thinking and belong to a new era of acquisition and application of instrumentation technology to meet the requisition of the changing world.



**INSTITUTION'S
INNOVATION
COUNCIL**

(Ministry of Education Initiative)



**INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE**





VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI - 670632. KANNUR D.T., KERALA

An ISO 9001:2015 Certified Institution

EVENT PROPOSAL FORM

Event type and name	Innovative Technologies workshop-Electronics Prototyping
Date and time	18/11/2023 9.00 am to 4.10pm
Participants/ audience	S3 AEI students (2022-26 Batch)
Venue	Research lab ,AEI
Objectives	<ol style="list-style-type: none">1. To enhance the participants' skills in electronics prototyping, including proficiency in using relevant tools, equipment, and software for designing and building electronic prototypes.2. To provide participants with hands-on experience in creating electronic prototypes. Workshops often include practical sessions where participants can apply theoretical knowledge to real-world projects
Expected outcomes	Participants should gain improved skills in electronics prototyping, including proficiency in using relevant tools, software, and equipment. and programming microcontrollers.
Connected PEOs/POs/COs	PO1,PO2 ,PO3, PO5, PO9, PO10, PO12
Resource requirements	Computer and Arduino Board
Any other relevant information	Resource person: Mr. Shinu MM ,AP , Dept. of EIE . Budget: Programming board – 6*600= Rs. 3600 Certificate – Rs.750 Refreshment - Rs. 500 Total : Rs. 4850 /
Responsible persons	 Proposal prepared by Ms.Shamy A  Recommended by Dr.G Glan Devadas

IEDC Coordinators Meeting Minutes and ATR

Date and Time: 27/10/2022, 12:15 pm				Venue: Board room
SL No	Details of discussions and decisions	Target Date	Action	Remarks
1	Formation of Executive Body of IEDC	4/11/2022	<ul style="list-style-type: none"> • Coordinators should identify and propose few names of the students who are active and ready to volunteering IEDC activities from their department for the following designations as per the IEDC handbook <ol style="list-style-type: none"> i. IEDC Lead (Alumni/ Final year) ii. Technology Lead (Final Year) iii. Quality & Operations Lead (Third year) iv. Finance Lead (Third Year) v. Creative & Innovation Lead (Second Year) vi. Branding & Marketing Lead (Second Year) vii. Community Lead (First Year) • The Evaluation committee is formed with Principal, Nodal officer, and faculty coordinators of IEDC to select the office-bearers. 	Evaluation Committee Members Dr.Benny Joseph Principal, VJEC Dr.G.Glan Devadhas , Nodal officer Ms.Tintu George, Assistant Nodal officer Mr.Vinod J Thomas, Assoc .Prof., ECE Mr.Abdul Latheef, Assoc .Prof., CSE Dr.Sreekanth M P, Asst.Prof., M.E Ms.Riya Pradeep, Asst.Prof., CE Mr.Shinu M M, Asst.Prof, AEI Ms. Anu Treesa George Asst.Prof., ADS

2	Onboarding Student Innovators	1/11/2022	IEDC faculty coordinators of each department should motivate the interested students from all years to register in IEDC portal	All Student innovator being a part of the IEDC unit of our college should register in the following link https://innovate.startupmission.in/#/register
3	IEDC activities coordination from departments		It is expected to conduct 3 programs (seminars, workshops, Idea contest etc) for the benefit of young innovators from each department in the area of Innovation, Technology, and Entrepreneurship.	All the programmes should get the prior approval from IEDC through proper channel for funding.

Members Present

Dr. Benny Joseph, Principal

Dr.G.Glan Devadhas, Vice Principal& Nodal officer

Ms.Tintu George, Assistant Nodal officer & Asst.Prof., EEE

Mr.Vinod J Thomas, Assoc .Prof., ECE

Mr.Abdul Latheef, Assoc .Prof., CSE

Dr.Christopher Ezhil Singh S, Professor, M.E

Dr. Vibhoosha. M. P., Asst.Prof., CE

Mr.Shinu M M, Asst.Prof, AEI

Ms. Anu Treesa George Asst.Prof., ADS

Sl no	Department	Coordinator	Track (Innovation/Tech/Entrepreneurship)	Event Type (Ideathon/iTalks/hackathon etc)	Tentative Date	Expected Student Count	Expected Outcome
1	ELECTRONICS AND INSTRUMENTATION	SHINU MM	Innovation	WORKSHOP	19/11/2022-20/11/2022	30	Understand the fundamental concept of robotics
2	ELECTRONICS & COMMUNICATION ENGG.	VINOD J THOMAS & MANOJ K C	Innovation	iTalks	25/11/2022	54	To understand the fundamentals of Embedded Systems
3	ELECTRONICS & COMMUNICATION ENGG.	VINOD J THOMAS & MANOJ K C	Innovation	WORKSHOP	16/12/2022	54	To use Arduino board for small embedded applications
4	Computer Science and Engineering	Abdul Latheef & Abhiram P	Entrepreneurship	Ideathon	28/11/2022	184	Develop and strengthen the quality of entrepreneurship.
5	Computer Science and Engineering	Abdul Latheef & Abhiram P	Innovation	iTalks	16/12/2022	184	To understand the fundamentals of Machine learning