



**Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship:**

<b>S.No</b>	<b>Description</b>
1	Intellectual property Awareness Program
2	Intellectual Property Rights - Online lecture series
3	industrial perspectives through various IPRS and patents in specific
4	online expert interaction in ETABS software
5	Ethical hacking
6	Introduction and object orientation in PHP
7	Real world application in 8051 micro controller
8	Real time implementation of classification and clustering algorithms using weka
9	Opportunity in space science and technology
10	Raspbery workshop
11	Regional distinguished lecture
12	Power Electronic control in Renewable energy Applications
13	Importance of soft skill in personal and professional life. Job opportunities in current market scenario
14	3 days entrepreneurs awareness camp



# 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



## APPLIED ELECTRONICS AND INSTRUMENTATION:

**Ministry of Education**  
Government of India

**MoE's INNOVATION CELL**  
(GOVERNMENT OF INDIA)

**INTELLECTUAL PROPERTY INDIA**

**NIPAM**  
NATIONAL IP AWARENESS MISSION

**Ministry of Commerce and Industry**  
Government of India

**CERTIFICATE**

This is to certify that, **DR.G.GLAN DEVADHAS** of **VIMAL JYOTHI ENGINEERING COLLEGE** co-ordinated in conducting the Intellectual Property Awareness program under

**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION**  
on April 29,2022

75  
Azadi Ka  
Amrit Mahotsav

Jointly Organized by

**Intellectual Property Office and MoE's Innovation Cell, India**

(Dr. Abhay Jere)  
 CHIEF INNOVATION OFFICER  
 MINISTRY OF EDUCATION'S INNOVATION CELL (MIC)  
 GOVERNMENT OF INDIA

(Prof. (Dr) Unnat P. Pandit)  
 CONTROLLER GENERAL OF  
 PATENTS, DESIGNS & TRADE MARKS



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**INTELLECTUAL PROPERTY RIGHTS - ONLINE LECTURE SERIES**



**VIMAL JYOTHI ENGINEERING COLLEGE**  
Chempери, Kannur District, Kerala, – 670632 - Phone: 0460-2212240 Website: www.vjec.ac.in  
Affiliated to APJ Abdul Kalam Technological University | Approved by AICTE  
A NAAC Accredited Institution | All UG programs are accredited with NBA

**IMPACT LECTURE SERIES  
2022-2023**

**SPONSORED BY MOE'S INNOVATION COUNCIL (MIC), AICTE NEW DELHI**

**ONLINE LECTURE SERIES**

**30-07-2022**

**Theme: Intellectual Property Rights**

 <b>Shri. Prem Charles</b> Registered Patent Agent Kinney Research and Development Private Limited Topics: Product protection in business through IPR <b>@ 2.00 to 3.30 pm</b>	 <b>Shri. Praveen Raj</b> Principal Scientist, ICRAR, IIT, Thiruvananthapuram Topics: Philosophy of Patents and Indian Patent Law <b>@ 6.00-7.30 pm</b>
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ORGANISED BY  
**VJEC INSTITUTE INNOVATIVE COUNCIL**

Google Meet link: <https://meet.google.com/ojw-sdej-zfp>

F-Certificate will be provided to all participants

**All are Welcome**

**Coordinators:**  
 Dr.G.Glan Devasahas, Vice Principal & President, IC-VJEC  
 Mr.Dhananj Mohan, IPR Coordinator, IC VJEC, Mr.Vinod J Thomas, Vice President IC-IC VJEC  
 Dr. Teveta George, Convener, - IC VJEC, Dr. Resanmathew, ARHA Coordinator, IC - VJEC  
 Dr.SreekantB, Coordinator - Start-up, IC VJEC, Mr. Abdul Latheef, Coordinator - Innovation Activities, IC-VJEC

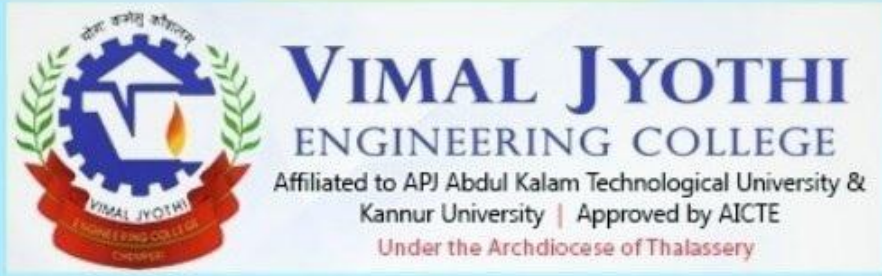


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**INDUSTRIAL PERSPECTIVES THROUGH VARIOUS IPRS AND PATENTS IN SPECIFIC:**

**An online Workshop on  
Research to Revenue - The Academic  
and Industrial Perspectives through various IPRs and Patents in Specific**



**Organised By: Institute Innovation Cell VJEC & IEDC VJEC**

**Who can Participate:** Faculty Members from academic departments of VJEC

Platform: Google Meet

Registration Link:

<https://docs.google.com/spreadsheets/d/1UONZfSEVwoAnsZYFLQq0RDsAzHQgZthk6gTry7XtWKc/edit?usp=sharing>

E Certificate will be provided to all participants

on  
28/06/2022  
10:00 AM to 12:00 PM.

Resource person : **Mr. Prem Charles**  
Allinnov Research and Development Private Limited





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## CIVIL ENGINEERING:

Ms. Vinaya S M organized an online expert interaction in ETABS software for the departmental students in association with InterCAD Systems Pvt Ltd.

The poster features a background of a 3D wireframe building structure. On the left, there are logos for InterCAD Systems Pvt. Ltd. and Vimal Jyothi Engineering College. The central text reads: 'InterCAD Systems Pvt Ltd in Association with Department of civil engineering Vimal Jyothi Engineering College Chemperi, Kannur ONLINE EXPERT INTERACTION FOR CIVIL ENGINEERING STUDENTS IN ETABS Extended Three D Analysis in Building Systems'. On the bottom left, it lists the Faculty Coordinator Ms. Vinaya S M and a meeting code PPR-CFRR-XOB. On the bottom right, it identifies the speaker as Thishyak S, Application Engineer at InterCAD Systems, and provides the date and time: ON 01-10-2021 FRIDAY 02:30 PM.



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**COMPUTER SCIENCE AND ENGINEERING:**

*Resource Person:*

**Mr. Aromal Joseph**  
 (ECCEH Certified  
 Ethical Hacker)

S8 CSE, 2017-21 Batch

**VIMAL JYOTHI  
ENGINEERING COLLEGE**

**COMPUTER SCIENCE & ENGINEERING**

**Workshop**

# Ethical Hacking

**22nd & 23rd April 2021**  
**02:00 PM - 04:00 PM**

**Googe Meet  
Link**

<https://meet.google.com/bzf-pqho-bee>

**Ms. Anisha Joseph**  
Faculty coordinator

**Dr. Jeethu V. Devasia**  
HOD, Dept. of CSE



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**INTRODUCTION & OBJECT ORIENTATION IN PHP:**

*Resourse Person:*

**Ms. Suhada C**  
*(Former Freelance Web Developer)*

M. Tech S3 CSE, 2020-22  
 Batch

**VIMAL JYOTHI  
ENGINEERING COLLEGE**



**COMPUTER SCIENCE & ENGINEERING**

**Workshop**

**Introduction & Object  
Orientation in PHP**

**18th December 2021**

**01:00 PM - 02:30 PM**

**Googe Meet  
Link**

<https://meet.google.com/mir-ucpe-bqw>

**Ms. Anisha Joseph**  
 Faculty coordinator

**Dr. Jeethu V. Devasia**  
 HOD, Dept. of CSE



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Real world application in 8051 micro controllers:



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 INSTITUTIONS, CHEMPERI - KANNUR  
 CHEMPERI - KANNUR 0460 2212240



**DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING**

**Curriculum Gap Filling Activity**

**WORKSHOP**

**REAL WORLD APPLICATION OF 8051  
MICROCONTROLLER**



**04 MARCH 2022**



**SOFTWARE LAB**



**10 AM - 12.00 PM**

**RESOURCE PERSON**



**Ms. Ancy K. Sunny**  
**ASSISTANT PROFESSOR**  
**CSE, VJEC.**

**PROGRAM COORDINATOR**

**Ms. ACHALA PRASAD, Ms. ANCY K SUNNY**  
 Assistant Professor  
 Department of CSE  
 VJEC

**PROGRAM CONVENOR**  
**Dr. JEETHU V. DEVASIA**  
 Professor & HOD  
 Department of CSE  
 VJEC





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**Work shop on real time implementation on classification and clustering algorithms:**

**VIMAL JYOTHI ENGINEERING COLLEGE** **NBA** **NAAC**

# WORKSHOP ON REALTIME IMPLEMENTATION OF CLASSIFICATION AND CLUSTERING ALGORITHMS USING WEKA

**RESOURCE PERSON: DR. PREMJITH B**  
ASSISTANT PROFESSOR  
CENTER FOR COMPUTATIONAL ENGINEERING AND  
NETWORKING (CEN)  
AMRITA SCHOOL OF COMPUTING  
AMRITA VISHWA VIDHYAPEETHAM, COIMBATORE  
ALUMNI ( B.TECH ,CSE 2005-2009 BATCH)

**COORDINATOR: MS. ASHA BABY, ASSISTANT  
PROFESSOR, CSE**

**Date:** 16.05.2022  
**Time:** 1 PM To 2.30 PM **Google Meet link**  
<https://meet.google.com/cib-azsr-yhf> **Audience:** S8\_CSE  
2018-22 BATCH



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Workshop on Exposure to LaTeX:



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Under the Archdiocese of Thiruvananthapuram

# Workshop On Exposure to LaTeX; An Important Aspect of Technical Writing

Learn the Ways and Means of Technical Writing

**Resource Person:**  
**Mr. Rijin I K Assistant Professor (CSE,  
VJEC)**

**Coordinator: Ms. Asha Baby (AP, CSE)**  
Date: 26.04.2022 & 29.04.2022  
Time: 1PM to 4PM  
Audience: S6 CSE & AEI Students  
Venue: S6 CSE Class Room





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**ELECTRICAL AND ELECTRONICS ENGINEERING:**

IEEE PES SBC VJEC Conducted a session on “Opportunities in Space Science and Technology” on 20 th October 2021 at 7:00 pm. The resource person was Mr. Immanuel Raja, Assistant Professor, Department of Avionics, IIST



**Opportunities in  
Space Science and Technology**

October 20, 2021 7:00PM to 8:00 PM

**SPEAKER**  
**Mr. Immanuel Raja**  
 Assistant Professor (Dept of Avionics) & Placement Coordinator  
 at Indian Institute of Space Science and Technology

Register: [http://bit.ly/pes\\_talksession](http://bit.ly/pes_talksession)



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IEEE SB VJEC conducted a one-day work-shop on Raspberry Pi on 26th September 2021

**VIMAL JYOTHI  
ENGINEERING COLLEGE**

**PES**  
Power & Energy Society™

**IAS**  
INDIA'S ASSOCIATION OF  
SOFTWARE ENGINEERS

**IEEE**  
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

# RASPBERRY PI

## workshop

**Mohammed Suhail**  
 Robotics Engineer  
 DeepFlow Technologies Pvt. Ltd.

**2021 November 26 (Fri)**  
**09:00-16:00**  
**EEE Software lab**



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IEEE PELS SBC VJEC Conducted Regional distinguished lecture program on 9th June 06:00 pm. The resource person was Dr. G Bhuvaneshwari, Professor, Department of Electrical Engineering, IIT Delhi.

VIMAL JYOTHI ENGINEERING COLLEGE


IEE

IEEE

IEEE PELS SBC Vimal Jyothi Engineering College  
in association with  
IEEE IES-PELS Delhi Chapter

## Regional Distinguished Lecturer Program

9th June, 6:00-7:00 PM

 **Dr. G Bhuvaneshwari**  
Professor, Department of  
Electrical Engineering, IIT Delhi

Reg: <http://bit.ly/IRDLP-vjec>



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## POWER ELECTRONIC CONTROL IN RENEWABLE ENERGY APPLICATION (25th April 2022 - 29th April 2022)

### About the course:

The course aims to provide opportunities for the faculty members to explore the application of power electronics in renewable energy technologies. As the environment and its sustainability are of a major concern in the current scenario, the incorporation of renewable energy systems is of utmost importance. The course is designed to provide an idea about the various designs, control and applications of power electronics to the off and on grid renewable energy systems.

### Course Outcomes:

- After the completion of this FDP participants will be able to
- > Understand various renewable energy systems and their control techniques.
  - > Recognize recent developments in design aspects of grid connected inverters.
  - > Design and analyze on-board power converters for electric vehicle applications.
  - > Understand grid synchronization techniques for grid connected power converters.

### Syllabus:

Overview of renewable power generation systems and their control, Role of PWM techniques in grid connected inverters, On-Board Power Converters in Electric Vehicle Power train, Grid synchronization techniques for grid-connected power converters, Design, control and application of renewable energy systems on off and on grid system.

### Resource Persons

1. **Dr. Harish Krishnamoorthy**  
Assistant Professor,  
University of Huston, USA
2. **Dr. Binoj Kumar**  
Professor, Department of EEE,  
RIT Kottayam
3. **Dr. Parag Jose**  
Department of Electrical Engineering,  
Christ University, Bangalore
4. **Dr. Nithin Raj**  
Assistant Professor, Department of EEE,  
GEC Wayanad
5. **Dr. Manoj Kumar**  
Professor, Department of EEE,  
GEC Kannur

### Organizing Committee

- Chief Patron:**  
Rev. Fr James Chellamkottu, Manager
- Patron:**  
Dr. Benny Joseph, Principal
- Convener :**  
Prof. Laly James (Associate Professor, HoD- EEE)
- Coordinators:**  
Mr. Prabin James (Assistant Professor, EEE)  
Mobile: 9400590235  
Ms. Athira M. Thomas (Assistant Professor, EEE)  
Mobile: 9495660816  
Ms. Ankitha Sebastian (Assistant Professor, EEE)  
Mobile: 9497767894

Email: eeefdp@vjec.ac.in



NATIONAL BOARD OF ACCREDITATION



One week Online  
Faculty Development Programme on  
**POWER ELECTRONIC CONTROL  
IN RENEWABLE ENERGY  
APPLICATIONS**

25<sup>th</sup> April 2022 - 29<sup>th</sup> April 2022

Organized by:  
DEPARTMENT OF  
ELECTRICAL AND ELECTRONICS ENGINEERING  
VIMAL JYOTHI ENGINEERING COLLEGE  
CHEMPERI, KANNUR, KERALA - 670 632





## MECHANICAL ENGINEERING:

The Department of Mechanical Engineering, Vimal Jyothi Engineering College, Chemperi, Kannur in association with Avodha EduTech Private Limited, organized a Career oriented Webinar on “Importance of soft skill in personal and professional life. Job opportunities in current market scenario” using Google Meet on 19-11-2021 from 2 pm to 3 pm.





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## ENTREPRENEURSHIP AWARENESS CAMP







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**CONTEMPORARY BREAKTHROUGH IN THE TECHNOLOGIES OF INDUSTRY 4.0**



**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, KERALA  
 FACULTY DEVELOPMENT PROGRAMME (FDP) 2022-2023**



**DEPARTMENT OF MECHANICAL ENGINEERING,  
 VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI, KANNUR**

**Title of FDP: Contemporary Breakthroughs in the Technologies of Industry 4.0**

KTU Sponsored three days online Faculty Development Program (FDP) entitled "Contemporary Breakthroughs in the Technologies of Industry 4.0" was organized by Department of Mechanical Engineering during 22 – 24, August 2022. The FDP was inaugurated by Rev. Fr Bibin Thekkedath, Assistant Administrative Officer, VJEC on 20, August 2022. Cdr. (Retd.) Raju K Kuriakose, HOD – ME, VJEC was presided over the function in the absence of respected Principal and also delivered the felicitation. Total of 32 Participants were attended the FDP in which 10 participants were from Vimal Jyothi Engineering College. Eminent academicians and industrialist were delivered lectures in the areas of additive manufacturing, nano technology, automation and robotics, E – waste, computer vision and deep learning, and e – waste. Dr. Sreekanth M P, AP – ME and Dr. Jithin E V, AP – ME were coordinated the event.

