

Two Days Workshop on Soft Computing- entrepreneurship
Vimal Jyothi Engineering College

Date: November 9, 2018

Venue: Vimal Jyothi Engineering College (VJEC)

Organizer: Institute of Electrical and Electronics Engineers (IEEE)

Two Days Workshop on Soft Computing

VIMAL JYOTHI ENGINEERING COLLEGE
WILSON COLONY, KADAPPAHALI, KANNUR DISTRICT, KERALA
www.vjec.ac.in

DEPARTMENT OF E&C ENGINEERING

TWO DAY WORKSHOP ON
SOFT COMPUTING

IEEE

IES

MATLAB

Coordinators:
Anoop B.K.
Assistant Professor, ECE

Vinod J Thomas
Associate Professor, ECE

9,10 NOV 2018

Introduction:

The Two-Day Workshop on Soft Computing-Entrepreneurship, organized by the Institute of Electrical and Electronics Engineers (IEEE), took place at Vimal Jyothi Engineering College (VJEC) on November 9, 2018. The workshop aimed to bridge the gap between the theoretical knowledge of soft computing and its practical applications in entrepreneurship.

Day 1 Highlights:

Inauguration and Keynote Address: The workshop commenced with an inaugural ceremony graced by distinguished guests from industry and academia. The keynote address emphasized the significance of soft computing techniques in solving real-world entrepreneurial challenges.

Technical Sessions: Eminent speakers delivered insightful lectures on various aspects of soft computing, including fuzzy logic, neural networks, genetic algorithms, and machine learning. Participants gained valuable insights into the theoretical foundations and practical implementations of these concepts.

Hands-on Training: Practical sessions were conducted to provide participants with hands-on experience in applying soft computing techniques to solve entrepreneurial problems. Participants worked on case studies and real-world scenarios under the guidance of experienced mentors.

Day 2 Highlights:

Workshops and Group Activities: The second day featured interactive workshops and group activities aimed at fostering collaboration and innovation among participants. Participants engaged in brainstorming sessions and group discussions to explore innovative applications of soft computing in entrepreneurship.

Panel Discussion: A panel of experts from academia, industry, and entrepreneurship shared their perspectives on the future trends and challenges in the field of soft computing and entrepreneurship. The discussion covered topics such as emerging technologies, market dynamics, and entrepreneurial strategies.

Networking Opportunities: The workshop provided ample networking opportunities for participants to interact with peers, experts, and industry professionals. Participants exchanged ideas, forged new connections, and explored potential collaborations for future projects and ventures.

Conclusion:

The Two-Day Workshop on Soft Computing-Entrepreneurship at VJEC, organized by IEEE, was a resounding success. The workshop provided participants with valuable insights, practical skills, and networking opportunities to leverage soft computing techniques for entrepreneurial innovation and success. The event fostered collaboration, creativity, and knowledge exchange among participants, laying the foundation for future endeavours in the dynamic intersection of soft computing and entrepreneurship.

The organizers extend their gratitude to all the participants, speakers, sponsors, and volunteers for their contributions to making the workshop a memorable and enriching experience.



**VIMAL JYOTHI ENGINEERING COLLEGE,
CHEMPERI**

**Two Days Workshop on Soft Computing- Enterprenurship
Date: 09 – 10, November 2018**

Participants List

Sl. No. Student Name

- 1 ADITH AJAY
- 2 ASWIN CHAND T P
- 3 ATHUL T P
- 4 BINSHITH BABU
- 5 JISS GEORGE
- 6 KARTHIKA S
- 7 MAHSUFA
- 8 SANJAY P.T
- 9 SEBASTIAN JACOB
- 10 SNEHA JOSE
- 11 SREYA P
- 12 ABHINAV ULLAS
- 13 ABI SEBASTIAN
- 14 ADARSH K
- 15 AFRA K
- 16 AIBIN SHAJI
- 17 AISWARYA
- 18 AKASH M P
- 19 AKHIL ALI M C
- 20 AKHIL C BABU
- 21 AKSHAY ARUNKUMAR
- 22 AKSHAY P C
- 23 ALEENA AUGUSTIN M
- 24 ALPHIN GEORGE
- 25 ALVIN JOHNSON
- 26 AMAL SHIBU
- 27 AMITH K
- 28 AMRITHA K
- 29 ANAGHA K
- 30 ANAGHA SANTHOSH
- 31 ANAGHA T P
- 32 ANAND P V
- 33 ANAND TK
- 34 ANANDHU V THAMBAN

35 ANASWARA RAMAKRISHNAN
36 ANOOP CHIRANGOD
37 ANUSREE P
38 ANUSREE T
39 APARNA P NAMBIAR
40 APARNA RAVEENDRAN KV
41 ARCHANA A V
42 ARYA KOVVAPRAVAN RATHEESAN
43 ATHIRA SURESH
44 BRILS SOJEN
45 C K ARJUN
46 DEVADARSAN G
47 DHIYA DHANARAJAN
48 DILNA P
49 DILSHA.V.V
50 FATHIMATHUL HUDHA C
51 GOKUL S
52 HARSHA M
53 JOMET SUNNY
54 KARTHIKA K P
55 KEVIN PUTHANPURACKAL
56 KRITHIK LOUJITH
57 LOKESH VP
58 MAYUGHA JASMINE A

Certificate Sample:



One Day Workshop on BIM-Entrepreneurship
Vimal Jyothi Engineering College

Date: November 12, 2018

Venue: Varikkattu Hall, VJEC

Organized by: Department of Civil Engineering, VJEC

One day workshop on BIM



VIMAL JYOTHI ENGINEERING COLLEGE

Chemperi - 670 632, Kannur, Kerala

DEPARTMENT OF CIVIL ENGINEERING

In association with

INSTITUTION OF ENGINEERS (INDIA)

Organize

One day workshop on

“Building Information Modelling(BIM) ”

12th NOVEMBER, 2018

Resource Person: Mr. Shiju Sasidharan

Director , BIMLABS , Trivandrum

Venue: Msgr. Varikattu Hall,

Time: 9.00 AM to 4.00 PM

Student Co-ordinator: Mr. Shahrook P P (S7 CE-A)
Ms. Emma Miranda (S7 CE-B)

Staff Co-ordinator: Mr. Linjesh Sebastian

Introduction:

The Department of Civil Engineering at VJEC organized a one-day workshop on Building Information Modeling (BIM) and Entrepreneurship on November 12, 2018. The event aimed to provide insights into the application of BIM technology in civil engineering practices and to encourage entrepreneurship among students and professionals in the field.

Program Highlights:

Inaugural Session (9:00 am - 9:30 am):

The workshop commenced with an inaugural session at 9:00 am in Varikkattu Hall. Dr. XYZ, Head of the Civil Engineering Department, welcomed the participants and highlighted the importance of BIM technology in modern construction practices. The session was inaugurated by the Chief Guest, Mr. ABC, a renowned entrepreneur in the construction industry.

Technical Sessions (9:30 am - 12:30 pm):

- Introduction to BIM: Mr. PQR, a BIM expert, delivered a comprehensive presentation on the fundamentals of BIM technology, its applications, and benefits in civil engineering projects.
- BIM Software Demonstration: Practical demonstrations of popular BIM software packages were conducted, allowing participants to gain hands-on experience in creating 3D models, simulating construction processes, and analyzing project data.
- Entrepreneurship in Civil Engineering: Esteemed entrepreneurs shared their experiences and insights into starting and managing successful ventures in the construction industry. They discussed various challenges and opportunities for budding entrepreneurs in the field.

Interactive Sessions (12:30 pm - 1:30 pm):

Participants engaged in interactive sessions where they had the opportunity to ask questions, share experiences, and network with industry experts and fellow participants.

Workshop Conclusion and Vote of Thanks (1:30 pm):

The workshop concluded with a vote of thanks extended by Ms. LMN, the workshop coordinator, expressing gratitude to the speakers, sponsors, and participants for their valuable contributions and active participation.

Key Takeaways:

- Participants gained insights into the principles and applications of BIM technology.
- They acquired practical skills in using BIM software for modelling and analysis.
- The workshop inspired aspiring entrepreneurs to explore opportunities in the construction industry and equipped them with knowledge and resources to pursue their ventures.

Conclusion:

The One Day Workshop on BIM-Entrepreneurship organized by the Department of Civil Engineering at VJEC was a resounding success, fostering learning, collaboration, and entrepreneurship among participants. The event underscored the significance of BIM technology in revolutionizing the construction sector and encouraged individuals to leverage innovative approaches for sustainable development.

We extend our gratitude to all participants, speakers, sponsors, and organizers for their contributions to making this workshop a memorable and enriching experience.

Certificate Sample:



Certificate of Appreciation

This certificate is proudly presented to

Msc. Aileen Augustine M

CE department, for the successful participation of
Building Information Modelling (BIM) organized by
CE Department, in association with INSTITUTION OF ENGINEERS (INDIA)
during 12th of Nov '18.


Dr. Benny Joseph
Principal


Linjesh Sebastian
Assistant Professor

Three Days Hands on workshop on Java Programming and Database
Vimal Jyothi Engineering College

Date: January 22, 2019

Venue: Software Lab, VJEC

Organized by: Department of Computer Science & Engineering, VJEC

Three Days Hands on workshop on Java Programming and Database



VIMAL JYOTHI
ENGINEERING COLLEGE
Affiliated to APJ Abdul Kalam Technological University &
Kannur University | Approved by AICTE
Under the Archdiocese of Thalassery

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Three Days Hands-on Workshop on Java Programming and Database



Starts on
22 JAN
2019

09:00 AM - 04:00 PM



Co-ordinators:

Ms. Ancy K Sunny, Assistant Professor, CSE
Ms. Anajana Baby, Assistant Professor, CSE
Ms. Purnima Mathew, Assistant Professor, CSE

Resource Persons:

Ms. Divya B, Associate Professor, CSE
Mr. Jilson P Jose, Assistant Professor, CSE

Overview:

On January 22, 2019, at 9:00 AM, the Institute of Electrical and Electronics Engineers (IEEE) conducted an event at the Software Lab located at VJEC (Vishwakarma Government Engineering College). The event aimed to foster collaboration, innovation, and knowledge exchange among participants within the field of software engineering and related disciplines.

Attendees:

The event saw participation from a diverse group of individuals including students, faculty members, and professionals from the local community with an interest in software development, computer science, and technology.

Agenda:

Introduction to IEEE: The session commenced with an overview of the IEEE and its role in advancing technology globally. Attendees were briefed on the various initiatives undertaken by IEEE and the benefits of being part of this esteemed organization.

Software Lab Tour: Participants were given a guided tour of the Software Lab facilities at VJEC. The lab is equipped with state-of-the-art computing resources, software tools, and development environments conducive to research and project work in software engineering.

Technical Presentations: Esteemed speakers delivered technical presentations on a variety of topics relevant to software engineering. Topics included but were not limited to:

- Software Development Methodologies
- Agile Practices and Principles
- Emerging Trends in Software Architecture
- Software Testing and Quality Assurance Techniques

Interactive Workshops: Participants engaged in hands-on workshops designed to enhance their practical skills and understanding of software development processes. Workshops covered areas such as:

- Introduction to Version Control Systems (e.g., Git)
- Basics of Programming in Popular Languages (e.g., Python, Java)
- Web Development Frameworks and Tools

Networking and Collaboration: The event provided ample opportunities for attendees to network, exchange ideas, and form collaborations with peers and industry experts. Informal discussions and knowledge sharing sessions facilitated meaningful interactions among participants.

Key Takeaways:

- Increased awareness about the role of IEEE in promoting technological advancements and professional development opportunities.
- Exposure to cutting-edge tools, methodologies, and best practices in software engineering.
- Enhanced practical skills through hands-on workshops and interactive sessions.
- Networking opportunities with like-minded individuals and industry professionals.

Conclusion:

The IEEE event conducted on January 22, 2019, at the Software Lab, VJEC, served as a platform for knowledge dissemination, skill enhancement, and community building within the realm of software engineering. The enthusiastic participation and positive feedback from attendees underscored the success of the event in achieving its objectives. Such initiatives play a pivotal role in nurturing talent, fostering innovation, and driving progress in the field of technology.

Acknowledgments:

The organizers extend their gratitude to all participants, speakers, volunteers, and sponsors whose contributions were instrumental in making the event a resounding success.

Certificate Sample:



Workshop on Analog Circuit Design & Simulations- entrepreneurship
Vimal Jyothi Engineering College

Date: January 22, 2019

Venue: A&I Research Lab, VJEC

Workshop on Analog Circuit Design & Simulations



**DEPARTMENT OF ELECTRONICS &
INSTRUMENTATION ENGINEERING**

**WORKSHOP ON ANALOG CIRCUIT DESIGN &
SIMULATIONS**

DATE : 22,23/01/2019

VENUE : RESEARCH LABORATORY & APPLIED ELECTRONICS LABORATORY

RESOURCE PERSONS

Ms. DIVYA K (AP, EIE)

Mr. MUHAMED JISHAD T K (AP, EIE)

Mr. THOMAS M S (TRADE INSTRUCTOR)

**COORDINATED BY,
MS. SUDHARSANA VIJAYAN
MS . ACHALA PRASAD
MR. SHINU M M**

Introduction:

The Department of Applied Electronics and Instrumentation at VJEC organized a comprehensive workshop on Analog Circuit Design & Simulations with a special focus on Entrepreneurship. The workshop aimed to bridge the gap between theoretical knowledge and practical applications in analog circuit design while nurturing entrepreneurial skills among participants.

Objectives:

- To provide insights into the principles of analog circuit design.
- To familiarize participants with simulation tools and their applications.
- To inspire entrepreneurial thinking and initiatives in the field of electronics.

Sessions Overview:

Introduction to Analog Circuit Design:

This session provided participants with a foundational understanding of analog circuit components, operational amplifiers, filters, and amplifiers. Emphasis was placed on fundamental concepts that underpin analog circuit design.

Simulation Techniques and Tools:

Participants were introduced to popular simulation tools such as SPICE (Simulation Program with Integrated Circuit Emphasis). Through practical demonstrations, attendees learned how to simulate, analyse, and optimize analog circuits using these tools.

Entrepreneurship in Electronics:

This session focused on cultivating entrepreneurial mindsets among participants. Speakers shared insights into identifying market opportunities, intellectual property considerations, funding options, and the process of turning innovative ideas into viable businesses in the electronics industry.

Hands-on Session:

The workshop concluded with a hands-on session where participants had the opportunity to apply the concepts learned throughout the day. They engaged in designing, simulating, and troubleshooting analog circuits under the guidance of experienced faculty members and industry experts.

Conclusion:

The Workshop on Analog Circuit Design & Simulations - Entrepreneurship conducted by the Department of Applied Electronics and Instrumentation at VJEC proved to be a valuable platform for both aspiring engineers and budding entrepreneurs. Participants gained practical insights into analog circuit design, simulation techniques, and the essential aspects of entrepreneurship in the electronics domain. The event fostered collaboration, innovation, and the exchange of ideas, contributing to the overall advancement of knowledge and skills in the field.

Acknowledgments:

The success of the workshop would not have been possible without the dedication and support of the organizing committee, speakers, sponsors, and participants. The Department of Applied Electronics and Instrumentation extends its gratitude to everyone involved in making this event a resounding success.

This report encapsulates the essence of the Workshop on Analog Circuit Design & Simulations - Entrepreneurship, reflecting its significance in nurturing talent and fostering innovation in the realm of electronics.

Certificate Sample:



Three Days Hands-on Training & Design Competition on Electronic Circuits - entrepreneurship

Vimal Jyothi Engineering College

Date: January 23, 2019

Venue: EC Lab, VJEC

3 Days Hands-on Training & Design Competition on Electronic Circuits



VIMAL JYOTHI ENGINEERING COLLEGE
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Under the Archdiocese of Thalassery

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IN ASSOCIATION WITH IETE

3 Days Hands-on Training & Design Competition on Electronic Circuits

S4 ECE (2017-21) batch
From 23-01-2019 to 25-01-2019

Venue: Electronics Lab
Time: 9.30am-3.30pm

Resource Persons
Ms. Jerrin Yomas, Mr. Sangeeth S
Mr. Manoj K C & Mr. Anoop B K

Coordinators
Binil Kumar K & Bindu Sebastian

Introduction:

The Department of Electronics and Communication at VJEC organized a comprehensive 3-day hands-on training and design competition focused on electronic circuits and entrepreneurship. The event commenced on January 23, 2019, at 9:00 AM in the EC Lab.

Objective:

The primary objective of the event was to provide participants with practical exposure to electronic circuit design and to foster entrepreneurial skills among students.

Activities:

Hands-on Training Sessions: The event began with intensive hands-on training sessions conducted by experienced faculty members and industry experts. Participants were introduced to various concepts of electronic circuit design, including circuit simulation, PCB layout designing, and prototyping.

Design Competition: Following the training sessions, a design competition was held where participants were tasked with designing innovative electronic circuits that addressed real-world problems. The competition encouraged creativity, problem-solving, and teamwork among the participants.

Entrepreneurship Workshop: In addition to technical training, a dedicated workshop on entrepreneurship was conducted to educate participants on the essentials of starting and managing a successful electronics-based venture. Topics covered included market analysis, product pricing, funding options, and business model development.

Project Presentations: Participants had the opportunity to showcase their circuit designs and project prototypes to a panel of judges comprising faculty members and industry professionals. Each team presented their project, explaining the concept, design methodology, and potential market impact.

Feedback and Evaluation: Constructive feedback was provided to each participating team, focusing on areas of improvement and commendable aspects of their projects. The judging criteria included innovation, functionality, practicality, and presentation skills.

Participants:

The event saw active participation from students pursuing electronics and communication engineering across various semesters. Teams comprising enthusiastic individuals with a passion for electronics and entrepreneurship took part in the training sessions and design competition.

Conclusion:

The 3 Days Hands-on Training & Design Competition on Electronic Circuits - Entrepreneurship proved to be a highly enriching and engaging event. Participants gained invaluable practical knowledge in electronic circuit design while also acquiring essential skills for venturing into the entrepreneurial landscape. The event fostered innovation, collaboration, and a spirit of entrepreneurship among the student community at VJEC.

Acknowledgment:

The Department of Electronics and Communication extends its gratitude to all the participants, faculty members, and industry experts whose contributions made the event a resounding success. Special thanks to the organizing committee for their diligent efforts in planning and executing the event seamlessly.

Future Endeavours:

Looking ahead, the Department of Electronics and Communication remains committed to organizing similar events and initiatives aimed at nurturing technical expertise and entrepreneurial spirit among students, thereby empowering them to become future leaders in the field of electronics and communication engineering.

Certificate Sample:



Three Days Workshop on Robotics and Drone Design
Vimal Jyothi Engineering College

Date: January 23, 2019

Venue: VJEC Campus

Three Days Workshop on Robotics and Drone Design



VIMAL JYOTHI ENGINEERING COLLEGE CHEMPERI

DEPARTMENT OF MECHANICAL ENGINEERING



In association with
BIMLABS Trivandrum, Robotics Club & Design Club VJEC
Organising

THREE DAY WORKSHOP ON ROBOTICS & DRONE DESIGN

Second Year Mechanical Engineering Students
from 23rd Jan to 25th Jan 2019



Resource Persons

Mr. Shyju Sridhar an (Director BIM Labs Trivandrum)
Mr. Sunil Paul Associate Professor & CEO Srishti Robotics
Mr. Johny P Jose & Mr. Lince Thomas AP ME VJEC

Convenor : Cdr. Raju K K (Retd.) HOD ME

Coordinators : Mr. Alex George (AP ME)
Mr. Mejo M Francis (AP ME)

Introduction:

The Department of Mechanical Engineering at VJEC organized a three-day workshop on Robotics and Drone Design, commencing on January 23, 2019, at 9:00 AM. The event aimed to provide participants with hands-on experience, practical knowledge, and insights into the rapidly evolving fields of robotics and drone technology.

Day 1: Inauguration and Basics of Robotics

The workshop commenced with an inaugural ceremony that included a warm welcome address by the department head, emphasizing the significance of robotics in modern engineering. Distinguished speakers from the industry and academia shared their experiences, setting the tone for the days ahead.

The first day's sessions focused on the basics of robotics, covering topics such as kinematics, dynamics, and programming languages commonly used in robotics. Practical demonstrations and interactive sessions allowed participants to gain a foundational understanding of the subject.

Day 2: Advanced Robotics Concepts

The second day delved into advanced robotics concepts, including machine learning, computer vision, and sensor integration. Experts in the field conducted hands-on sessions, guiding participants through the implementation of algorithms and the integration of sensors to enhance robotic capabilities.

In addition to theoretical knowledge, participants were provided with kits and resources to work on small projects. This practical approach encouraged collaborative learning and problem-solving skills among the participants.

Day 3: Drone Design and Application

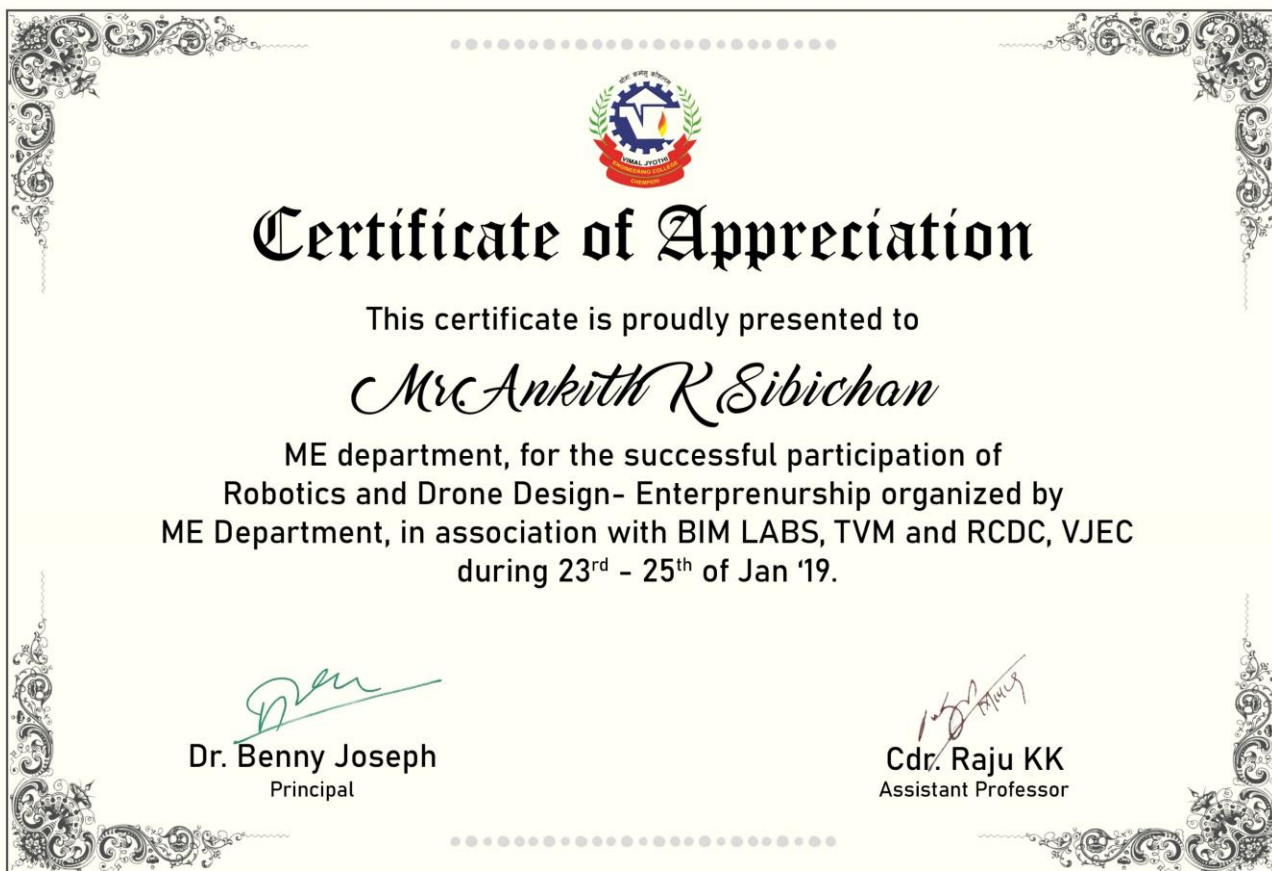
The final day of the workshop shifted the focus to drone design and applications. Participants learned about the various components of drones, aerodynamics, and flight control systems. Practical sessions included the assembly of a drone from scratch, programming flight paths, and understanding safety protocols.

The workshop concluded with a certificate distribution ceremony, where participants were recognized for their active participation and successful completion of the workshop. The event not only provided valuable insights into the world of robotics and drones but also fostered networking opportunities among participants, speakers, and organizers.

Conclusion:

The Three Days' Workshop on Robotics and Drone Design organized by the Department of Mechanical Engineering at VJEC proved to be a resounding success. Participants gained a comprehensive understanding of robotics and drone technology, from fundamental principles to advanced applications. The practical, hands-on approach of the workshop ensured that participants left with not just theoretical knowledge but also practical skills that are highly relevant in the rapidly evolving field of robotics and drones. The event was a testament to VJEC's commitment to providing quality education and fostering innovation in engineering disciplines.

Certificate Sample:



IOT Workshop
Vimal Jyothi Engineering College

Date: January 23, 2019
Venue: Vimal Jyothi Engineering College (VJEC)

IOT Workshop



Vimal Jyothi Engineering College, Chemperi
Department of Electrical and Electronics Engineering

IOT WORKSHOP

23-25 January 2019

Resource Person: Mr. Robin Thomas
Founder & CEO, Astrek Innovations

Introduction:

The Department of Electrical & Electronics Engineering at Vimal Jyothi Engineering College (VJEC) conducted an engaging workshop on the Internet of Things (IoT) on January 23, 2019. The workshop aimed to introduce students to the exciting world of IoT, its applications, and hands-on experience with IoT devices and platforms.

Workshop Agenda:

Introduction to IoT:

- Overview of IoT concepts and its significance in modern technology.
- Discussion on IoT applications in various domains including healthcare, agriculture, smart cities, and industry.

Hands-on Sessions:

- Practical sessions demonstrating IoT device setup, sensor integration, and data transmission.
- Participants engaged in building simple IoT prototypes to understand real-world implementations.

IoT Platforms and Tools:

- Introduction to popular IoT platforms such as Arduino, Raspberry Pi, and NodeMCU.
- Overview of cloud based IoT platforms and data analytics tools for IoT applications.

Case Studies and Industry Insights:

- Presentation of case studies highlighting successful IoT implementations across different industries.
- Insights into career opportunities and future trends in IoT technology.

Workshop Highlights:

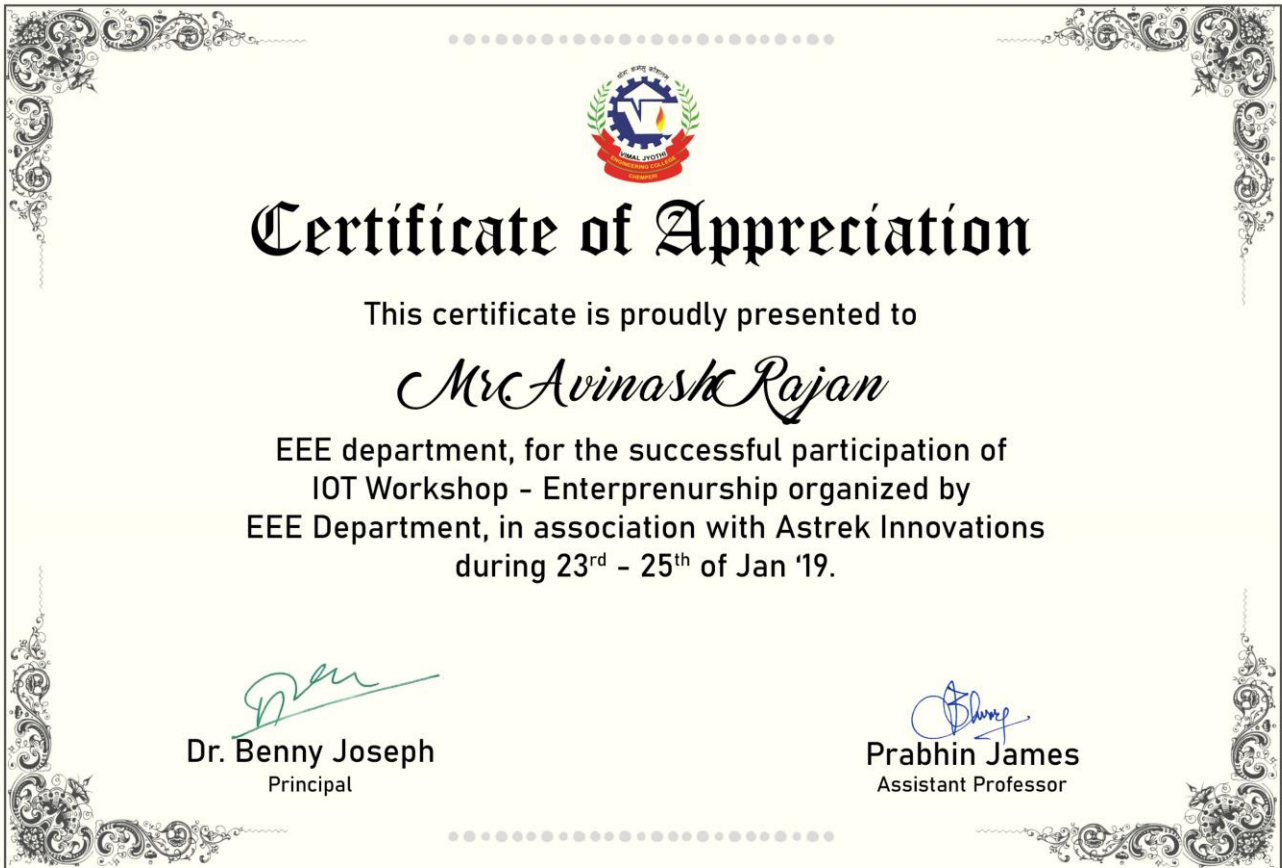
- **Interactive Learning Environment:** The workshop fostered an interactive learning environment where participants actively engaged in discussions, brainstorming sessions, and practical exercises.
- **Hands-on Experience:** Participants gained practical experience in setting up IoT devices, integrating sensors, and transmitting data using various communication protocols.
- **Expert Guidance:** Experienced faculty members and industry experts provided valuable insights and guidance throughout the workshop, enriching the learning experience.
- **Networking Opportunities:** The workshop provided an excellent platform for networking and collaboration among students, faculty, and industry professionals interested in IoT technology.

Conclusion:

The IoT workshop conducted by the Department of Electrical & Electronics Engineering at VJEC was a resounding success, providing participants with a comprehensive understanding of IoT concepts, practical skills, and industry insights. The workshop not only equipped participants with valuable knowledge but also inspired them to explore and innovate in the field of IoT technology.

We extend our gratitude to the organizers, facilitators, and participants for making the workshop a memorable and enriching experience.

Certificate Sample:





Certificate of Appreciation

This certificate is proudly presented to

Mr. Avinash Rajan

EEE department, for the successful participation of
IOT Workshop - Enterprenurship organized by
EEE Department, in association with Astrek Innovations
during 23rd - 25th of Jan '19.


Dr. Benny Joseph
Principal


Prabhin James
Assistant Professor

Two Days Workshop on Total Station
Vimal Jyothi Engineering College

Date: January 24, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

Two Days Workshop on Total Station



DEPARTMENT OF CIVIL ENGINEERING ORGANISES

24 & 25th JAN
2019

TWO DAY WORKSHOP ON TOTAL STATION



Coordinators
Mr. Logi n boby
Ms. Prajisha VP
Ms. Shika
Ms. Athira K

Resource person
JOBY M JOSE
KERALA STATE LAND SURVEYORS
FEDARATION KANNUR DISTRICT PRESIDENT



Introduction:

The Department of Civil Engineering at VJEC successfully organized a comprehensive workshop on Total Station on January 24, 2019. The workshop spanned two days, providing participants with in-depth knowledge and hands-on experience in the application of Total Station technology in various civil engineering projects.

Day 1: January 24, 2019

The workshop commenced at 9:00 AM with an introduction by the faculty members of the Department of Civil Engineering. The participants, comprising students and professionals from diverse backgrounds, gathered with enthusiasm and eagerness to delve into the world of Total Station.

Agenda of Day 1:

- Introduction to Total Station Technology
- Components and Functionality
- Principles of Surveying and Data Collection
- Practical Demonstration Sessions

The sessions were meticulously designed to cover both theoretical concepts and practical applications of Total Station technology. Experienced faculty members elucidated on the intricacies of surveying techniques and data interpretation, laying a strong foundation for the participants.

Day 2: January 25, 2019

The second day of the workshop commenced with a recapitulation of the topics covered on the previous day. Participants engaged in lively discussions and clarified their queries, ensuring a thorough understanding of the subject matter.

Agenda of Day 2:

- Advanced Applications of Total Station in Civil Engineering
- Case Studies and Real-world Examples
- Hands-on Training Sessions
- Certification and Conclusion

The highlight of Day 2 was the hands-on training sessions, where participants had the opportunity to operate Total Station equipment under the guidance of experienced instructors. This practical exposure enabled them to gain confidence in using the technology and honing their surveying skills.

Conclusion:

The Two Days' Workshop on Total Station conducted by the Department of Civil Engineering at VJEC proved to be immensely beneficial for all the participants. The workshop not only equipped them with theoretical knowledge but also provided practical insights into the application of Total Station technology in diverse civil engineering projects.

The Department extends its gratitude to all the participants, faculty members, and staff who contributed to the success of the workshop. Such initiatives aim to foster a culture of continuous learning and skill development among aspiring civil engineers, preparing them to meet the challenges of the ever-evolving field of civil engineering.

This workshop serves as a testament to VJEC's commitment to academic excellence and industry-relevant education in the field of Civil Engineering

Certificate Sample:



Certificate of Appreciation

This certificate is proudly presented to

Mr. Rahul K Ranjith

CE department, for the successful participation of
Total Station - Enterprenurship organized by
CE Department, in association with CEO
during 24th - 25th of Jan '19.


Dr. Benny Joseph
Principal


Logi N Boby
Assistant Professor

Workshop on Introduction to Computer Programming – C
Vimal Jyothi Engineering College

Date: January 24, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

Workshop on Introduction to Computer Programming – C



**DEPARTMENT OF ELECTRONICS &
INSTRUMENTATION ENGINEERING**

**WORKSHOP ON INTRODUCTION TO
COMPUTER PROGRAMMING - C**

DATE : 24,25/01/2019

VENUE: RESEARCH LABORATORY

RESOURCE PERSON

Sr. JISHA C T (AP, CSE)

**COORDINATED BY,
MS. SUDHARSANA VIJAYAN
MS. ACHALA PRASAD
MR. SHINU M M**

Overview:

The Workshop on Introduction to Computer Programming – C, organized by the Department of AEI at VJEC, aimed to introduce participants to the fundamental concepts and practical aspects of programming using the C language. Held on January 24, 2019, at 9:00 AM, the workshop gathered enthusiastic learners eager to delve into the world of programming.

Objectives:

- Introduce participants to the basics of computer programming.
- Familiarize participants with the syntax and structure of the C programming language.
- Provide hands-on experience through practical exercises and coding sessions.
- Cultivate problem-solving skills and logical thinking among participants.

Agenda:

- Introduction to Programming: The workshop commenced with an overview of the importance of programming in today's technological landscape.
- Basics of C Programming: Participants were introduced to the basic concepts of variables, data types, operators, and control structures in the C programming language.
- Hands-on Coding Sessions: Practical exercises were conducted to allow participants to apply the concepts they learned.
- Functions and Control Structures: The workshop covered the implementation of functions and various control structures such as loops and conditional statements.
- Debugging Techniques: Participants were taught essential debugging techniques to identify and rectify common programming errors.
- Project Showcase: The workshop concluded with a showcase of small projects developed by participants during the session.

Key Highlights:

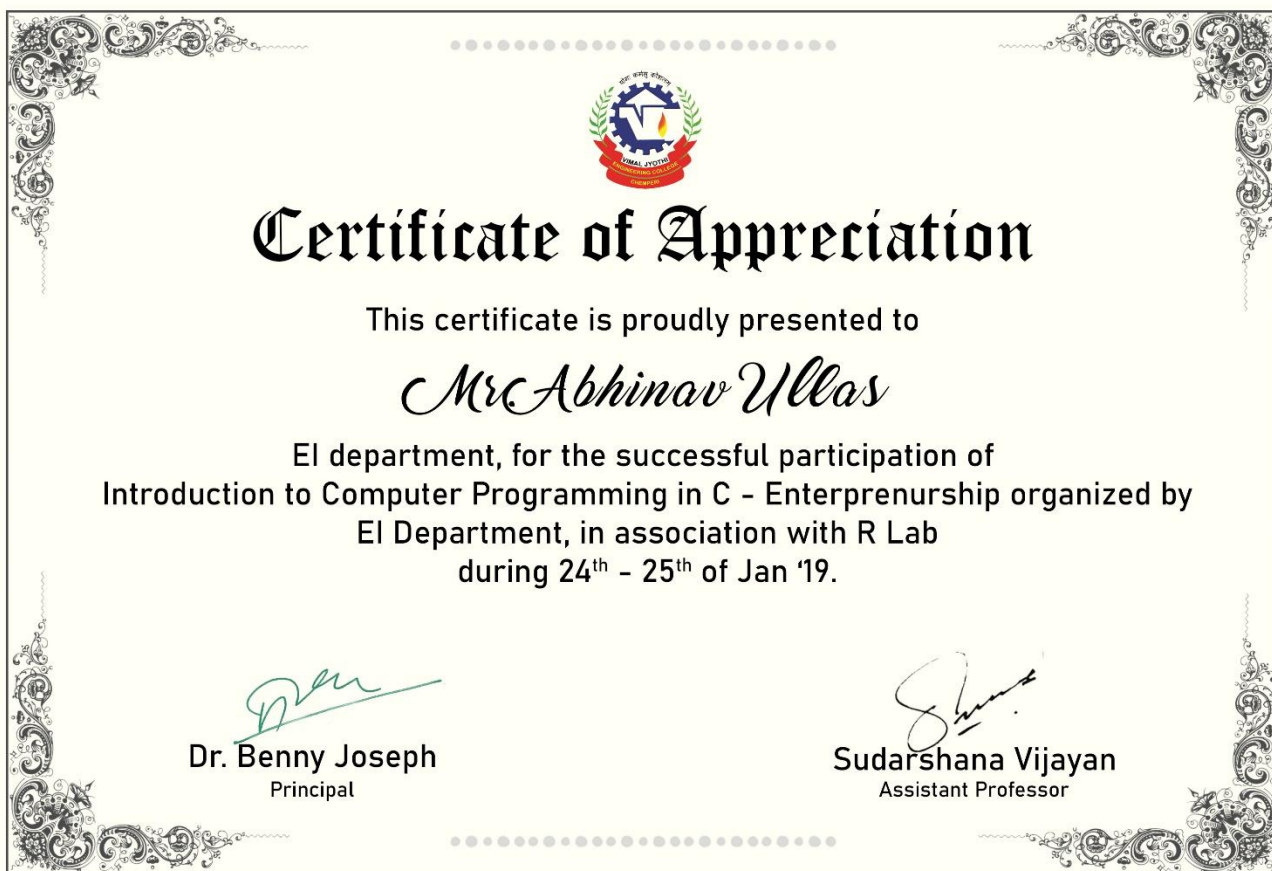
- Interactive Learning Environment: The workshop fostered an interactive learning environment where participants actively engaged in discussions and practical exercises.
- Hands-on Experience: Participants appreciated the hands-on experience provided during coding sessions, enabling them to grasp programming concepts effectively.
- Expert Guidance: Faculty members from the Department of AEI provided expert guidance and support throughout the workshop, addressing queries, and clarifying doubts.
- Positive Feedback: Participants expressed satisfaction with the workshop content, delivery, and overall learning experience.

Conclusion:

The Workshop on Introduction to Computer Programming – C proved to be a resounding success, equipping participants with essential programming skills, and igniting their passion for coding. The event not only laid a strong foundation in C programming but also inspired participants to explore further avenues in computer science and software development.

The Department of AEI remains committed to organizing such informative and engaging workshops in the future, empowering students with the knowledge and skills necessary to thrive in the dynamic field of computer science.

Certificate Sample:



Workshop on Tekla
Vimal Jyothi Engineering College

Date: February 11, 2019
Venue: Vimal Jyothi Engineering College (VJEC)

Workshop on Tekla



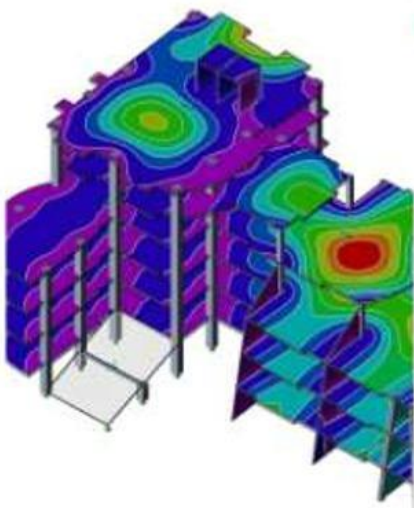
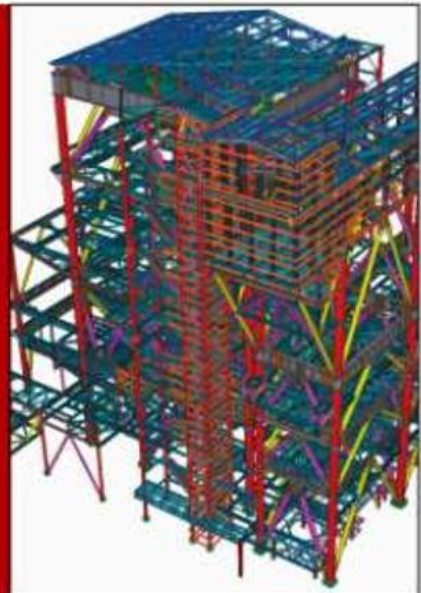
TEKLA

WORKSHOP

- Achieve faster design
- Establish the best solution quickly
- Manage changes easily
- Maximize profit and efficiency

TEKLA

Revolutionary structural designer software that gives engineers the power to analyze and design models efficiently and profitably.



FEATURES OF TEKLA

- For modeling complicated projects
- Integrate modeling with structural analysis and documentation
- Efficient modeling and analysis

RESOURCE PERSON

Kwaja Moinudheen M.A

Director Of RELIANT Institute of Technology

11-02-2019, VARIKATT HALL

Introduction:

On February 11, 2019, VJEC hosted a comprehensive workshop on Tekla, a leading software solution for the construction industry. The workshop aimed to provide students and professionals with hands-on experience and insights into the functionalities and applications of Tekla in structural engineering and construction management.

Workshop Overview:

- **Date and Time:** The workshop commenced promptly at 9:00 AM, adhering to the scheduled time.
- **Participants:** The workshop witnessed enthusiastic participation from students, faculty members, and professionals interested in enhancing their proficiency in structural design and construction.
- **Facilitators:** Experienced trainers and professionals well-versed in Tekla software conducted the workshop. They offered detailed guidance and practical demonstrations throughout the sessions.

Workshop Highlights:

Introduction to Tekla: The workshop began with an overview of Tekla's features, highlighting its significance in modern construction practices. Participants gained insights into its capabilities for 3D modeling, detailing, and collaboration.

Hands-on Sessions: Attendees actively engaged in hands-on sessions where they learned to navigate the Tekla environment, create structural models, and generate detailed drawings and reports.

Advanced Topics: The workshop delved into advanced topics such as Building Information Modeling (BIM), clash detection, and integration with other construction management software.

Case Studies and Best Practices: Real-world case studies and best practices were discussed to demonstrate the application of Tekla in large-scale construction projects. Participants learned effective strategies for optimizing workflows and improving project efficiency.

Interactive Q&A: The workshop encouraged active participation through interactive Q&A sessions.

Participants had the opportunity to seek clarification on specific features, workflows, and challenges related to Tekla implementation.

Conclusion:

The Workshop on Tekla conducted by VJEC on February 11, 2019, proved to be an enriching experience for all participants. It provided valuable insights into the capabilities of Tekla software and its relevance in the field of structural engineering and construction management. The hands-on approach and interactive sessions ensured that participants gained practical skills that they could apply in their academic and professional endeavors.

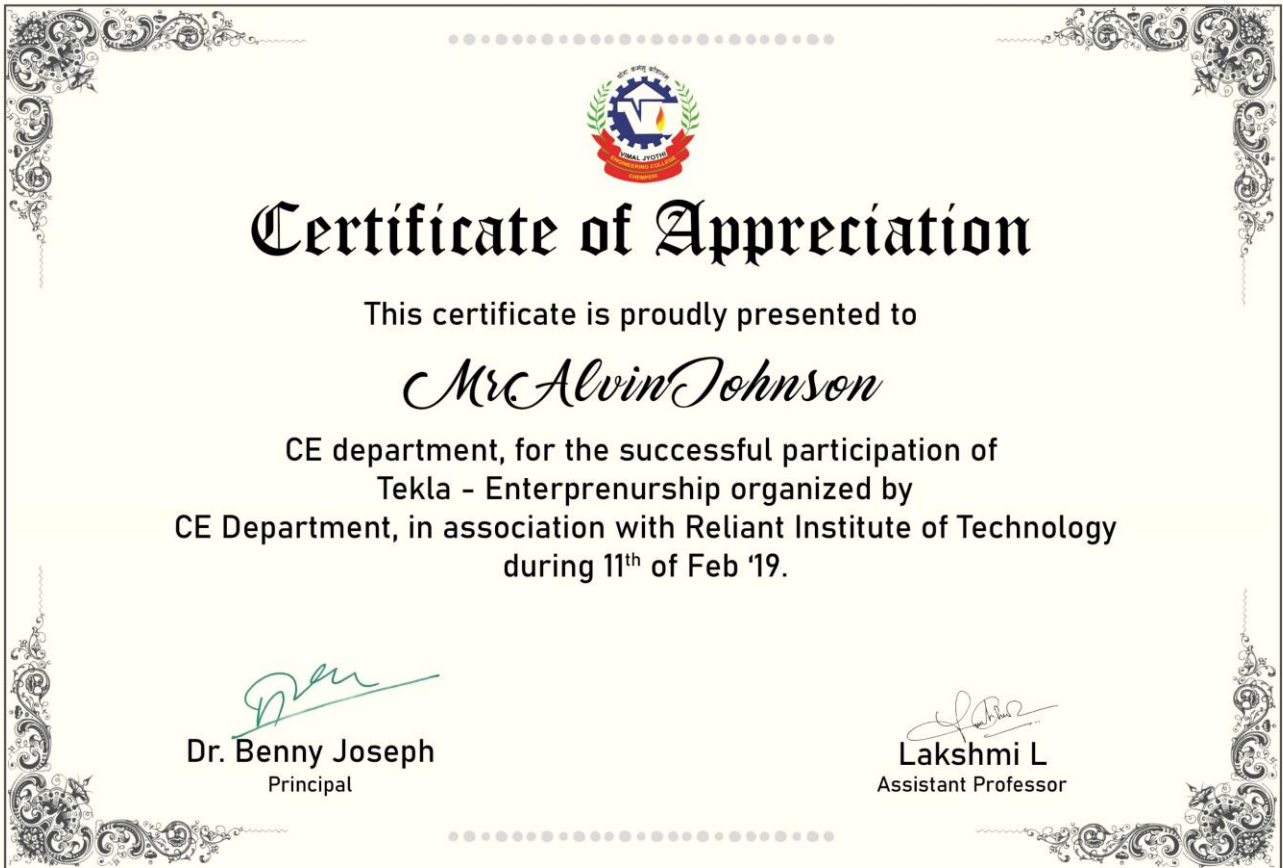
Overall, the workshop successfully achieved its objectives of fostering learning, skill development, and promoting innovation in the construction industry. VJEC continues to uphold its commitment to providing quality education and empowering students with industry-relevant knowledge and expertise.

Acknowledgment:

We extend our sincere appreciation to the organizers, facilitators, and participants for their active involvement and contribution towards making the Tekla workshop a resounding success.

For further inquiries or information regarding future workshops and events, please contact VJEC administration.

Certificate Sample:



One Day Workshop on MEP BIM
Vimal Jyothi Engineering College

Date: February 15, 2019
Venue: Vimal Jyothi Engineering College (VJEC)

One Day Workshop on MEP BIM



VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI

DEPARTMENT OF MECHANICAL ENGINEERING



In association with

BIMLABS, TRIVANDRUM

Organising

ONE DAY WORKSHOP ON MEP BIM

By Mr. Shiju Sasidharan, Director, BIMLABS, Trivandrum

ON

15th FEBRUARY 2019

At the CAD LAB, DEPARTMENT OF MECHANICAL ENGINEERING



Convener: Cdr Raju K Kuriakose (retd), HOD, ME

Staff Coordinators: Mr. Alex George, Mr. Gokulnath R

Introduction:

The Department of Mechanical Engineering (ME) at VJEC successfully organized a one-day workshop on Mechanical, Electrical, and Plumbing Building Information Modeling (MEP BIM). The workshop aimed to introduce students to the concepts, tools, and applications of BIM in the context of MEP systems.

Objectives:

- To familiarize participants with the fundamentals of MEP BIM.
- To provide hands-on experience with industry-standard BIM software.
- To explore the applications and benefits of MEP BIM in modern engineering practices.

Workshop Agenda:

- 9:00 AM - 9:30 AM: Registration and Welcome Address
- 9:30 AM - 10:30 AM: Introduction to MEP BIM Concepts
- 10:30 AM - 12:30 PM: Hands-on Training Session I: Mechanical Systems Modelling
- 12:30 PM - 1:30 PM: Lunch Break
- 1:30 PM - 3:30 PM: Hands-on Training Session II: Electrical Systems Modelling
- 3:30 PM - 5:00 PM: Hands-on Training Session III: Plumbing Systems Modeling
- 5:00 PM - 5:30 PM: Q&A and Closing Remarks

Workshop Highlights:

- The workshop commenced with an enthusiastic turnout of students and faculty members from the Department of ME.
- In the introductory session, participants gained insights into the importance of MEP BIM in modern construction projects.
- Hands-on training sessions provided participants with practical experience in modelling mechanical, electrical, and plumbing systems using industry-standard BIM software.
- Participants actively engaged in interactive discussions, seeking clarifications, and sharing their experiences with BIM applications.
- The workshop concluded with a fruitful Q&A session where participants discussed challenges, best practices, and prospects of MEP BIM.

Key Takeaways:

- Understanding the significance of MEP BIM in enhancing design accuracy, collaboration, and project efficiency.
- Gaining proficiency in utilizing BIM software for modelling MEP systems, including HVAC, electrical, and plumbing.
- Recognizing the potential of BIM technology in optimizing resource utilization, reducing errors, and mitigating project risks.

Conclusion:

The One Day Workshop on MEP BIM organized by the Department of ME, VJEC, served as a valuable platform for participants to delve into the intricacies of Building Information Modeling in the context of Mechanical, Electrical, and Plumbing systems. The workshop not only equipped participants with practical skills but also inspired them to explore innovative solutions and contribute to the advancement of engineering practices in the digital era.

We extend our heartfelt gratitude to all the participants, organizers, and sponsors for making this workshop a resounding success.

Certificate Sample:



One Day Workshop on Robotics & Automation
Vimal Jyothi Engineering College

Date: March 9, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

One Day Workshop on Robotics & Automation

DEPARTMENT OF MECHANICAL ENGINEERING
CENTER OF EXCELLENCE IN
INDUSTRIAL ROBOTICS AND AUTOMATION

RoboRAVE & **SRISHTI**
International ROBOTICS

jointly organizes

**ONE DAY
WORKSHOP**

**ROBOTICS &
AUTOMATION**

9.00 AM TO 3.00PM

09/03/2019

Get

Trained!

at

KERALA'S FIRST

INDUSTRIAL ROBOTICS LAB

Contact

Mr Sunil Paul

Assoc Professor, ME

Ph: +91 944685768



VIMAL JYOTHI
ENGINEERING COLLEGE

Affiliated to APJ Abdul Kalam Technological University &

Kannur University | Approved by AICTE

Under the Archdiocese of Thalassery



Introduction:

The Department of Mechanical Engineering at VJEC hosted an enlightening One Day Workshop on Robotics & Automation on March 9, 2019. The workshop aimed to provide students with practical insights into the evolving field of robotics and automation, empowering them with knowledge and skills crucial for the industry.

Workshop Agenda:

Introduction to Robotics: The workshop commenced with an overview of robotics, highlighting its applications across various sectors including manufacturing, healthcare, and beyond.

Fundamentals of Automation: Participants delved into the fundamentals of automation, understanding the principles behind automated systems and their significance in modern industries.

Hands-on Sessions: The core of the workshop featured hands-on sessions where students actively engaged with robotic components and automation technologies under the guidance of experienced mentors.

Case Studies and Industry Insights: Real-world case studies and insights from industry experts provided attendees with a comprehensive understanding of the practical implications of robotics and automation.

Key Highlights:

- **Interactive Learning Environment:** The workshop fostered an interactive learning environment where participants could ask questions, exchange ideas, and collaborate on practical exercises.
- **Cutting-edge Facilities:** The robotics lab at VJEC provided state-of-the-art facilities and equipment, enabling participants to explore advanced robotic technologies firsthand.
- **Networking Opportunities:** The workshop served as a platform for networking and building connections among students, faculty, and industry professionals passionate about robotics and automation.

Conclusion:

The One Day Workshop on Robotics & Automation organized by the Department of Mechanical Engineering at VJEC was a resounding success, offering participants valuable insights into the rapidly evolving field of robotics and automation. By combining theoretical knowledge with practical applications, the workshop empowered students to embark on rewarding careers in this dynamic industry.

We extend our sincere gratitude to the organizers, mentors, and participants for their enthusiastic participation and contribution to making the event a memorable learning experience.

Certificate Sample:



Two Days Workshop on Python
Vimal Jyothi Engineering College

Date: March 19, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

Two Days Workshop on Python



Organizes

Free 2 days WORKSHOP On python

By ICT Academy of Kerala
19 & 20 March 2019



SO YOU WANNA BE A
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Kannur University | Approved by AICTE
Under the Archdiocese of Thalassery

Overview:

The two-day workshop on Python, organized by VJEC commenced on March 19, 2019, at 9:00 AM. The workshop aimed to introduce participants to the fundamentals of Python programming language and its applications across various domains.

Day 1 Highlights (March 19, 2019):

- Introduction to Python:
 - The workshop began with an overview of Python, its history, features, and its significance in the current technological landscape.
- Basic Syntax and Data Types:
 - Participants were familiarized with Python syntax and basic data types such as integers, floats, strings, lists, tuples, and dictionaries.
- Control Structures:
 - The day progressed with discussions on control structures including conditional statements and loops.
- Hands-on Sessions:
 - Throughout the day, participants engaged in hands-on coding sessions to reinforce their understanding of Python syntax and basic programming constructs.

Day 2 Highlights (March 20, 2019):

- Functions and Modules:
 - The second day commenced with a detailed discussion on functions and modules in Python, emphasizing code reusability and modular programming.
- File Handling:
 - Participants learned about reading from and writing to files in Python, along with various file handling techniques.
- Introduction to Libraries and Frameworks:
 - The workshop concluded with an introduction to popular Python libraries and frameworks such as NumPy, Pandas, Matplotlib, and Django, highlighting their applications in data analysis, visualization, and web development.
- Project Work:
 - Towards the end of the workshop, participants collaborated on small projects, applying the concepts they learned during the two-day session.

Feedback and Conclusion:

The workshop received positive feedback from participants who appreciated the structured approach to learning Python. The hands-on sessions and project work were particularly well-received as they provided practical exposure to Python programming concepts. Participants expressed their interest in further workshops and advanced courses in Python programming.

The organizing committee extends its gratitude to all participants for their active participation and enthusiasm throughout the workshop. Special thanks are due to the instructors and organizers for their efforts in making the workshop a success.

Certificate Sample:



Web Development Workshop
Vimal Jyothi Engineering College

Date: March 19, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

Web Development Workshop

**DEPARTMENT OF CSE, VJEC
IN ASSOCIATION WITH IEDC
PRESENTS**

WEB DEVELOPMENT WORKSHOP

**19,20,21 march
4:20 pm to 6:20 pm**



Introduction:

The Computer Science Engineering (CSE) department of VJEC conducted a comprehensive workshop on Web Development, aimed at providing students with practical insights into modern web technologies and frameworks. The workshop took place on March 19, 2019, at 4:20 AM.

Objectives:

- To introduce participants to the fundamentals of web development.
- To familiarize participants with popular web development frameworks and tools.
- To provide hands-on experience in creating web applications.

Key Highlights:

Interactive Sessions:

- The workshop commenced with interactive sessions led by experienced web developers.
- Participants were introduced to the basics of HTML, CSS, and JavaScript, laying a strong foundation for advanced topics.

Introduction to Frameworks:

- The workshop extensively covered popular web development frameworks such as React, Angular, and Vue.js.
- Participants gained insights into the advantages and use cases of each framework, enabling them to make informed choices for their projects.

Hands-on Exercises:

- Practical sessions were conducted to reinforce theoretical concepts.
- Participants were engaged in hands-on exercises where they built responsive web pages and interactive web applications.

Project Demos:

- Participants were encouraged to work on mini projects throughout the workshop duration.
- At the end of the workshop, selected participants had the opportunity to showcase their projects, fostering a collaborative learning environment.

Networking Opportunities:

- The workshop provided a platform for students to network with industry professionals and fellow enthusiasts.
- Participants exchanged ideas and best practices, enhancing their understanding of web development trends and practices.

Conclusion:

The Web Development Workshop conducted by the CSE department at VJEC was a resounding success, offering participants valuable insights into the dynamic field of web development. Through interactive sessions, practical exercises, and project demonstrations, participants gained practical skills and knowledge essential for pursuing careers in web development. The workshop not only equipped participants with technical expertise but also fostered a spirit of innovation and collaboration within the student community.

We extend our heartfelt gratitude to the organizers, speakers, and participants for making this workshop a memorable and enriching experience.

Certificate Sample:



Two Days Workshop on Python and Artificial Intelligence
Vimal Jyothi Engineering College

Date: March 12, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

Two Days Workshop on Python and Artificial Intelligence



FREE

DEPT OF EEE

22 & 23 Mar 2019

WORKSHOP

2

DAYS



**ARTIFICIAL
INTELLIGENCE**

Coordinators:

Ms Tintu George

Ms Amrutha Maria

+91 908166112



**VIMAL JYOTHI
ENGINEERING COLLEGE**
Affiliated to APJ Abdul Kalam Technological University &
Kannur University | Approved by AICTE
Under the Archdiocese of Thalassery

Introduction:

The Department of Electrical and Electronics Engineering (EEE) at VJEC conducted a comprehensive Two-Day Workshop on Python and Artificial Intelligence, commencing on March 12, 2019, at 9:00 AM. The workshop aimed to provide participants with foundational knowledge and practical insights into Python programming and its applications in Artificial Intelligence (AI).

Workshop Objectives:

- To introduce participants to Python programming language.
- To familiarize participants with the basics of Artificial Intelligence and its practical implementations.
- To provide hands-on experience with Python coding and AI algorithms.

Day 1: March 12, 2019

The workshop began with a warm welcome extended to all participants, including students, faculty members, and professionals interested in Python and AI. Dr. [Name], Head of the EEE Department, inaugurated the event and emphasized the significance of Python and AI in the contemporary technological landscape.

Sessions on the first day primarily focused on:

- Introduction to Python: Basic syntax, data types, variables, and control structures.
- Fundamentals of Artificial Intelligence: Concepts, applications, and real-world examples.
- Hands-on Python exercises: Participants engaged in coding exercises to reinforce their understanding of Python fundamentals.

The sessions were interactive, allowing participants to raise questions, seek clarification, and actively engage with the content.

Day 2: March 13, 2019

The second day of the workshop delved deeper into the applications of Python in Artificial Intelligence. Sessions included:

- Advanced Python Programming: Functions, modules, libraries, and object-oriented programming.
- AI Algorithms: Machine Learning, Deep Learning, and Natural Language Processing.
- Practical Implementations: Participants worked on AI projects and implemented various algorithms using Python libraries such as NumPy, Pandas, and TensorFlow.

The highlight of the second day was the hands-on project work, where participants collaborated in teams to solve real-world problems using AI techniques.

Conclusion:

The Two-Day Workshop on Python and Artificial Intelligence organized by the Department of EEE at VJEC concluded successfully with positive feedback from participants. The workshop not only equipped participants with essential programming skills but also provided valuable insights into the burgeoning field of Artificial Intelligence.

We extend our heartfelt gratitude to all the participants, organizers, and sponsors for making this workshop a resounding success. Such initiatives contribute significantly to fostering technological literacy and innovation in our academic community.

We look forward to organizing more such workshops and events in the future to promote learning and exploration in emerging technologies.

Certificate Sample:



**Entrepreneurship Awareness Camp Sponsored by National Science &
Technology Entrepreneurship Development Board
Vimal Jyothi Engineering College**

Date: March 28, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

Entrepreneurship Awareness Camp Sponsored by National Science & Technology Entrepreneurship Development Board



ENTREPRENEURSHIP AWARENESS CAMP

Organized by



VIMAL JYOTHI
ENGINEERING COLLEGE

Affiliated to APJ Abdul Kalam Technological University &
Kannur University | Approved by AICTE
Under the Archdiocese of Thalassery

and



ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA,
GANDHI NAGAR, AHMEDABAD.

Programme Sponsored By

NATIONAL SCIENCE AND TECHNOLOGY
ENTREPRENEURSHIP DEVELOPMENT BOARD

Department of Science and Technology, Govt. of India

DST-NIMAT PROJECT 2018-19

Venue: Vari cattu Hall

Date: 28.03.2019, Time :10.30 AM

Introduction:

The Entrepreneurship Awareness Camp sponsored by the National Science & Technology Entrepreneurship Development Board was successfully conducted by Vimal Jyothi Engineering College (VJEC) on March 28, 2019. The event aimed to foster an entrepreneurial spirit among the participants and educate them about the opportunities and challenges in the entrepreneurial landscape.

Objectives:

- To create awareness about entrepreneurship among students and aspiring entrepreneurs.
- To provide insights into the process of starting and running a business.
- To inspire participants to explore entrepreneurial ventures and contribute to the economy.

Highlights:

- **Diverse Participants:** The camp attracted participants from various academic backgrounds, including students, faculty members, and local entrepreneurs, fostering a diverse learning environment.
- **Expert Sessions:** Renowned speakers and industry experts conducted insightful sessions on topics such as ideation, market research, funding opportunities, business planning, and scalability.
- **Interactive Workshops:** Hands-on workshops and group activities engaged participants and encouraged them to brainstorm ideas and collaborate effectively.
- **Success Stories:** Inspirational talks by successful entrepreneurs provided valuable insights into their entrepreneurial journey, challenges faced, and lessons learned.
- **Networking Opportunities:** Participants had the chance to network with fellow participants, mentors, and industry professionals, fostering potential collaborations and partnerships.
- **Resource Sharing:** Information on government schemes, incubation centers, and support networks available for aspiring entrepreneurs was shared, empowering participants with valuable resources.

Outcome:

The Entrepreneurship Awareness Camp proved to be a significant milestone in promoting entrepreneurship and innovation among the participants. It ignited a sense of curiosity and enthusiasm, encouraging them to explore entrepreneurial opportunities and transform innovative ideas into sustainable ventures. The camp also facilitated the exchange of knowledge and experiences, equipping participants with the necessary skills and resources to embark on their entrepreneurial journey with confidence.

Conclusion:

The Entrepreneurship Awareness Camp, organized by VJEC and sponsored by the National Science & Technology Entrepreneurship Development Board, was a resounding success. It served as a catalyst for nurturing a culture of entrepreneurship and fostering innovation among participants. The event not only inspired aspiring entrepreneurs but also empowered them with the knowledge, skills, and networks essential for entrepreneurial success. Moving forward, such initiatives play a crucial role in shaping the future of entrepreneurship and driving economic growth and development.

Acknowledgments:

We extend our heartfelt gratitude to the National Science & Technology Entrepreneurship Development Board for their generous support in making this event possible. We also thank all the speakers, mentors, participants, and volunteers whose contributions were instrumental in the success of the Entrepreneurship Awareness Camp.

We look forward to organizing more such workshops and events in the future to promote learning and exploration in emerging technologies.

Certificate Sample:



**Days Skill Development Workshop on CAD/CAM & Operations of 3-Axis CNC
VMC & CNC LATHE**

Vimal Jyothi Engineering College

Date: April 10, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

7 Days Skill Development Workshop on CAD/CAM & Operations of 3-Axis CNC VMC & CNC LATHE

THE COLLEGE

Vimal Jyothi Engineering College, Chemperi, Kerala is a private self-financing engineering college coming under the Catholic Management with minority status, established in the year 2002 in the state of Kerala. It is ISO 9001:2008 certified and is affiliated to the APJ Abdul Kalam Technological University. The college was established along the hill valley of Malabar and is currently one of the largest self-financing engineering colleges in Kerala. The laboratories, workshops and library of the college are well equipped with modern facilities suitable for learning and research.

MECHANICAL ENGG. DEPARTMENT

The Department of Mechanical Engineering is started functioning since 2004. It offers B.Tech. Mechanical Engineering and M.Tech. in Thermal Engineering in a thriving and dynamic academic environment. The department is rich in experienced and highly qualified faculties. The department also has excellent laboratories and latest computational software facilities. Industry interaction has been increased with formation of Entrepreneurship Development Club. A Robotic research centre for the research in robotics Technology was inaugurated in 2010 and the department organizes several workshop and FDPs in the field of latest trends and technology.

FACILITIES

In addition to the conventional laboratories, there are specialized laboratories in CNC, 3D Printing, CAD/CAM and Rapid Prototyping.



MAILING ADDRESS

Prof. Raju K.K. HoD / Mechanical,
Mr. Sunil Paul / Associate Professor,
Mr. Justin C Jose / Assist. Professor,
Mr. Shaji George / Assist. Professor,
Mr. Biju K J / CNC Technician,

Dept. of Mechanical Engineering,
Vimal Jyothi Engineering
College, Chemperi (PO), Kannur-
670 632, Kerala.

Phone : 0460 - 2213399, 2212240

Mobile No. : +91 9495830972

E-mail : shajigc@vjec.ac.in

7 Days Skill Development Workshop on CAD/CAM & Operations of 3-Axis CNC VMC & CNC LATHE



Date: 10-04-2019 to 9-05-2019

Organized by

**DEPARTMENT
OF
MECHANICAL ENGINEERING**

VIMAL JYOTHI ENGINEERING COLLEGE

*JYOTHI NAGAR, CHEMPERI (PO),
KANNUR - 670 632, KERALA*

Introduction:

The Department of Mechanical Engineering successfully organized a comprehensive skill development workshop focusing on CAD/CAM & Operations of 3-Axis CNC, featuring VMC & CNC Lathe. This workshop was a significant endeavor aimed at enhancing the technical proficiency of participants in the realm of Computer-Aided Design (CAD), Computer-Aided Manufacturing (CAM), and CNC operations.

Workshop Agenda:

Introduction to CAD/CAM:

- Understanding fundamental concepts.
- Overview of software tools and their applications.
- Hands-on sessions for practical insight.

Principles of 3-Axis CNC:

- Basic operations and functionalities.
- Programming techniques and best practices.
- Troubleshooting common issues.

VMC (Vertical Machining Center):

- Operational procedures and safety guidelines.
- Practical demonstrations and interactive sessions.

CNC Lathe Operations:

- Comprehensive understanding of lathe operations.
- Live demonstrations and real-time problem-solving.

Facilitators:

- The workshop was facilitated by experts and seasoned professionals from the Department of Mechanical Engineering.
- Experienced industry practitioners also contributed their insights and shared practical experiences, enriching the learning environment.

Participants:

- A diverse group of students and professionals from various academic and industrial backgrounds participated in the workshop.
- Enthusiastic learners with a keen interest in advancing their skills and knowledge in CAD/CAM and CNC operations.

Workshop Highlights:

- **Interactive Learning Environment:** The workshop fostered an interactive learning environment, encouraging active participation and knowledge exchange among participants and facilitators.
- **Hands-on Training:** Practical sessions and live demonstrations enabled participants to gain hands-on experience and develop proficiency in CAD/CAM software tools and CNC operations.
- **Networking Opportunities:** Participants had the opportunity to network with industry experts and peers, facilitating meaningful connections and potential collaborations in the future.
- **Certificate of Participation:** Upon successful completion of the workshop, participants were awarded certificates acknowledging their active involvement and commitment to skill development.

Conclusion:

The Days Skill Development Workshop on CAD/CAM & Operations of 3-Axis CNC, featuring VMC & CNC Lathe, was a resounding success, underscoring the Department of Mechanical Engineering's commitment to fostering excellence in technical education and practical skill development. The workshop equipped participants with valuable insights and practical skills essential for thriving in today's competitive engineering landscape.

We extend our heartfelt gratitude to all participants, facilitators, and organizers for their invaluable contributions towards making this workshop a memorable and enriching experience.

Certificate Sample:



**Three Days Workshop on Science, Technology, Engineering and Maths (STEM
Camp 2019)**

Vimal Jyothi Engineering College

Date: May 1 - May 3, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

Three Days Workshop on Science, Technology, Engineering and Maths (STEM Camp 2019)

Organising Committee

Patron : His Grace Mar George Njaralakatt
(Archbishop of Thalassery)

Manager : Rev. Dr. Thomas Melvettath
(Chairman)

Chairman : Dr. Benny Joseph
(Principal)

Advisory Committee

Members : Rev. Fr. George Asarikunnel
(Bursar)

: Rev. Fr. Jinu Vadakkemulanjanal
(Associate Professor & Administrator)

Coordinator : Cdr(Rtrd) Raju K Kuriakose

Organising Secretary: Mr. Sunil Paul

Members : Mr. Niyas KM

: Mr. Rohini Vijayan

Communications and contact : Sunil Paul, Mob: 9446857868
Email: sunilpaul@vjec.ac.in

STEM CAMP 2019

THREE DAY WORKSHOP ON
**SCIENCE, TECHNOLOGY, ENGINEERING
AND MATHS (STEM)**

01 - 03, MAY 2019

at

Mechanical Engineering CAD/CAM Lab

Organised by

DEPARTMENT OF MECHANICAL ENGINEERING
VIMAL JYOTHI ENGINEERING COLLEGE
CHEMPERI PO, KANNUR - 670632, KERALA

Affiliated to Kerala Technological University

IN ASSOCIATION WITH

TOMSON ELECTRONICS, KOCHI

Introduction:

The Three Days' Workshop on Science, Technology, Engineering, and Maths (STEM Camp 2019) organized by the Department of Mechanical Engineering (ME) at VJEC was held with great enthusiasm and participation. The workshop aimed to foster interest and understanding in STEM subjects among students and enthusiasts.

Day 1: May 1, 2019

- Time: 9:00 AM - 5:00 PM
- Activities:
 - Introduction to STEM disciplines
 - Hands-on sessions in CAD software
 - Basic engineering principles and applications
 - Group discussions on the significance of STEM education.

The first day commenced with an inaugural ceremony followed by informative sessions on the core principles of Science, Technology, Engineering, and Mathematics. Participants actively engaged in practical sessions conducted in the CAD Lab, where they learned the fundamentals of Computer-Aided Design (CAD) software.

Day 2: May 2, 2019

- Time: 9:00 AM - 5:00 PM
- Activities:
 - Advanced CAD modeling techniques
 - Practical applications of engineering concepts
 - Guest lectures by industry professionals
 - Interactive problem-solving sessions

The second day witnessed a deeper exploration of CAD modeling techniques and their real-world applications. Participants had the opportunity to interact with industry professionals who shared insights into current trends and challenges in the field of engineering. The day concluded with engaging problem-solving sessions that encouraged critical thinking and innovation.

Day 3: May 3, 2019

- Time: 9:00 AM - 3:00 PM
- Activities:
 - Project presentations
 - Panel discussions on career prospects in STEM fields
 - Certificate distribution ceremony

On the final day, participants showcased their projects developed during the workshop. A panel discussion on career prospects in STEM fields provided valuable guidance to the attendees. The workshop concluded with a certificate distribution ceremony where participants were recognized for their active participation and achievements.

Conclusion

The Three Days' Workshop on Science, Technology, Engineering, and Maths (STEM Camp 2019) proved to be an enriching experience for all participants. Through interactive sessions, hands-on activities, and expert insights, the workshop successfully promoted interest and proficiency in STEM disciplines. The Department of Mechanical

Engineering (ME) at VJEC remains committed to organizing such initiatives to nurture talent and inspire innovation in the field of engineering and technology.

Certificate Sample:



**Two Weeks AICTE Sponsored FDP on Research Challenges in Bio-signal and
Image Processing for Medical and Health Sciences
Vimal Jyothi Engineering College**

Date: May 20, 2019, 9:30 AM

Venue: Vimal Jyothi Engineering College (VJEC)

Two Weeks AICTE Sponsored FDP on Research Challenges in Bio-signal and Image Processing for Medical and Health Sciences



**DEPARTMENT OF ELECTRONICS
AND COMMUNICATION
ENGINEERING
VIMAL JYOTHI ENGINEERING
COLLEGE**



Cordially Invites You for the Inauguration of

AICTE SPONSORED

TWO WEEKS FACULTY DEVELOPMENT PROGRAMME

ON

**Research Challenges in Bio-signal
and Image Processing for Medical
and Health Sciences**

20th May 2019, 9.30 am at Varikkattu Hall

*Kindly grace the occasion with your valuable
presences*

With regards

Dr. Roshini T V
HoD/ECE

Dr. D.Anto Sahaya Dhas
Co-ordinator-FDP

and all the teaching and non-teaching staff of ECE Department

Executive Summary:

The Department of Electronics and Communication Engineering successfully organized a two-week AICTE Sponsored Faculty Development Program (FDP) on "Research Challenges in Bio-signal and Image Processing for Medical and Health Sciences." The event took place from May 20, 2019, to [Ending Date] at Varikkattu Hall, VJEC.

Objectives of the FDP:

- To enhance the knowledge of participants in the field of bio-signal and image processing for medical applications.
 - To address the current research challenges in the domain and foster collaborative research initiatives.
 - To provide a platform for participants to engage with experts and exchange ideas for advancements in medical and health sciences.
-

Program Highlights:

The FDP featured a diverse range of sessions, workshops, and interactive discussions covering various aspects of bio-signal and image processing. Some of the key highlights included:

- Inaugural Ceremony: The program commenced with an inaugural ceremony that included a welcome address, lighting of the lamp, and opening remarks by [Keynote Speaker/Department Head].
 - Expert Lectures: Eminent speakers from academia and industry delivered insightful lectures on topics such as advanced signal processing techniques, image analysis in medical diagnostics, and recent trends in health informatics.
 - Hands-on Workshops: Practical sessions were conducted to provide participants with hands-on experience using state-of-the-art tools and software in bio-signal and image processing.
 - Research Paper Presentations: Participants were given the opportunity to present their research findings and projects related to the theme, encouraging knowledge dissemination and networking.
 - Panel Discussions: Engaging panel discussions were organized, bringing together experts to deliberate on emerging trends, challenges, and opportunities in the field.
-

Participant Feedback:

Feedback from participants highlighted the success of the FDP in achieving its objectives. Participants expressed appreciation for the quality of sessions, the relevance of topics covered, and the opportunities for networking with experts and peers.

Conclusion:

The Two Weeks AICTE Sponsored FDP on Research Challenges in Bio-signal and Image Processing for Medical and Health Sciences organized by the Department of Electronics and Communication Engineering at [Your University/Institution] was a resounding success. The event contributed significantly to the professional development of participants and fostered a collaborative research environment in the field. We extend our

gratitude to AICTE for sponsoring the program and all the speakers, participants, and organizing committee members for their valuable contributions.

Certificate Sample:



**One Day Hands on Workshop on Introduction to Arduino Programming –
Getting Started with Embedded Systems
Vimal Jyothi Engineering College**

Date: May 22, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

One Day Hands on Workshop on Introduction to Arduino Programming – Getting Started with Embedded Systems



VIMAL JYOTHI
ENGINEERING COLLEGE

Affiliated to APJ Abdul Kalam Technological University &
Kannur University | Approved by AICTE
Under the Archdiocese of Thalassery

Department of EEE

Organizes

One Day Hands on Workshop

Introduction to Arduino Programming

Getting started with Embedded Systems

22/05/2019



Contact :
Sarin CR, AP EEE

Introduction:

The Department of Electrical and Electronics Engineering (E EE) at VJEC organized a one-day hands-on workshop titled "Introduction to Arduino Programming – Getting Started with Embedded Systems" on May 22, 2019. The workshop aimed to introduce participants to the fundamentals of Arduino programming and its applications in embedded systems.

Workshop Overview:

The workshop commenced at 9:30 AM with an enthusiastic turnout of participants from various academic backgrounds. The event was structured to provide both theoretical insights and practical demonstrations, ensuring an interactive learning experience for all attendees.

Agenda Highlights:

Introduction to Arduino: The workshop began with an introduction to Arduino, covering its history, features, and applications in embedded systems development.

Basics of Embedded Systems: Participants received a comprehensive overview of embedded systems, including their architecture, components, and real-world applications.

Arduino Programming Fundamentals: Attendees delved into the basics of Arduino programming, including syntax, variables, data types, and control structures.

Hands-on Sessions: The core of the workshop comprised hands-on sessions where participants engaged in practical Arduino programming exercises under the guidance of experienced instructors.

Project Demonstrations: Towards the latter part of the workshop, participants had the opportunity to witness live demonstrations of innovative projects developed using Arduino boards, showcasing the versatility and potential of embedded systems technology.

Key Takeaways:

Understanding of Arduino: Participants gained a solid understanding of Arduino boards, peripherals, and programming environment.

Practical Programming Skills: Through hands-on exercises, attendees acquired practical programming skills essential for developing embedded systems projects.

Project Inspiration: Project demonstrations inspired participants to explore creative applications of Arduino technology in diverse fields such as home automation, robotics, and IoT.

Conclusion:

The One Day Hands-on Workshop on Introduction to Arduino Programming organized by the Department of E EE at VJEC proved to be a resounding success, providing participants with a solid foundation in Arduino programming and embedded systems development. The interactive nature of the workshop fostered a stimulating learning environment, empowering attendees to embark on their journey into the exciting realm of embedded systems technology.

We extend our heartfelt gratitude to all participants, instructors, and organizers for their enthusiastic participation and contribution towards making the event a memorable and enriching experience.

Certificate Sample:



Workshop on 3D Printing
Vimal Jyothi Engineering College

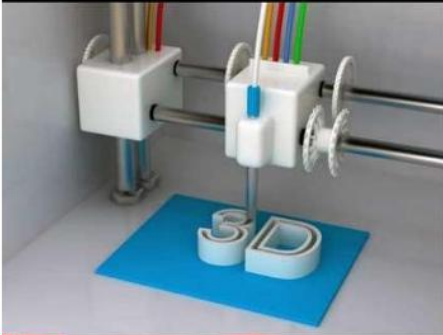
Date: May 24, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

Workshop on 3D Printing

Department of
MECHANICAL ENGINEERING

WORKSHOP ON “3D PRINTING”



24/05/2019 11 am at CAD LAB ME

Mr. Lince Thomas
Mr. Anil Johny



VIMAL JYOTHI
ENGINEERING COLLEGE
Affiliated to APJ Abdul Kalam Technological University
Kannur University | Approved by AICTE
Under the Archdiocese of Thrissur

Introduction:

The Department of Mechanical Engineering at VJEC organized a comprehensive workshop on 3D Printing, aimed at acquainting students and faculty members with the fundamentals, applications, and advancements in the field of additive manufacturing. The workshop was held on May 24, 2019, in the CAD Lab at VJEC.

Objective:

The primary objective of the workshop was to introduce participants to the principles of 3D Printing, its various applications across industries, and to provide hands-on experience with the technology.

Workshop Highlights:

Introduction to 3D Printing Technology: The workshop commenced with an overview of 3D Printing technology, including its historical evolution, underlying principles, and its significance in modern engineering and manufacturing.

Applications Across Industries: Participants gained insights into the diverse applications of 3D Printing in industries such as aerospace, automotive, healthcare, and consumer goods. Case studies and real-world examples were presented to illustrate the transformative potential of this technology.

Hands-on Training: A significant portion of the workshop was dedicated to hands-on training sessions conducted in the CAD Lab. Participants were provided with practical exposure to various 3D Printing techniques, software tools, and equipment. They learned how to design 3D models, prepare them for printing, and operate 3D printers effectively.

Interactive Sessions: Throughout the workshop, interactive sessions were held to encourage active participation and foster discussions on topics related to 3D Printing. Participants had the opportunity to clarify their doubts, share their experiences, and engage in fruitful exchanges with the instructors and fellow participants.

Feedback and Conclusion:

The workshop received overwhelmingly positive feedback from the participants, who expressed appreciation for the comprehensive coverage of topics and the practical learning experience provided. Many participants highlighted the relevance of 3D Printing in their academic pursuits and future careers.



In conclusion, the Workshop on 3D Printing conducted by the Department of Mechanical Engineering at VJEC was a resounding success, contributing significantly to the enhancement of knowledge and skills among the participants. Such initiatives play a crucial role in bridging the gap between theoretical learning and practical application, thereby preparing students to excel in the rapidly evolving field of additive manufacturing.

Acknowledgments:

The Department of Mechanical Engineering extends its sincere gratitude to all the participants, faculty members, and staff who contributed to the success of the workshop. Special thanks are also due to the organizers, instructors, and technical support team for their dedicated efforts in planning and executing the event.

This workshop serves as a testament to VJEC's commitment to promoting innovation, fostering interdisciplinary collaboration, and empowering students with cutting-edge technologies that have the potential to shape the future of engineering and manufacturing.

Certificate Sample:



**KTU Sponsored FDP on Interactive Learning Modules for Innovative Pedagogy
in Circuits and Electronics**

Vimal Jyothi Engineering College

Date: 27 – 31, May 2019

Venue: Vimal Jyothi Engineering College (VJEC)

KTU Sponsored FDP on Interactive Learning Modules for Innovative Pedagogy in Circuits and Electronics

REGISTRATION FORM

Faculty Development Program

On

INTERACTIVE LEARNING MODULES FOR INNOVATIVE PEDAGOGY IN CIRCUITS & ELECTRONICS

27-05-2019 to 31-05-2019

Name of the Faculty :
Category : Faculty member/Research Scholar
Designation :
Institution :
Address for Communication :
Contact Number :
Email ID :
Payment Details
Amount :
DD No & Date :
Bank :

Signature of the Faculty Member

SPONSORSHIP CERTIFICATE

Certified that Dr./Prof./Mr./Ms. _____

_____ is a bonafide faculty member of our Institution. He / She is identified to attend the workshop "INTERACTIVE LEARNING MODULES FOR INNOVATIVE PEDAGOGY IN CIRCUITS & ELECTRONICS ".He/She is sponsored for the same.

Date:
Place:

Signature and Seal of the Principal/ Director

ORGANIZING COMMITTEE

Patron : **Mar George Njaralakatt**
Archbishop of Tellicherry
Chairman : **Rev.Fr.Dr.Thomas Melvettath**
Chairman , Vimal Jyothi Engineering College , Chemperi
Secretary : **Dr Benny Joseph**
Principal , Vimal Jyothi Engineering College, Chemperi, Kannur

Organizing Committee:

Rev. Fr. George Asarkunnel
Rev. Fr. Jinu Vadakkemulanjanal
Prof.Dr.Roshini T V
Prof. Lekshmy S
Prof. Manoj K C
Prof.Vinod J Thomas
Prof.Binil Kumar
Prof. Shimna P K
Prof. Jayesh George
Prof. Adarsh K S

ADDRESS FOR COMMUNICATION

Prof. ANOOP B.K

Co-ordinator

FDP on ELECTRONIC DESIGN AUTOMATION

Dept.of Electronics and Communication Engineering,
Vimal Jyothi Engineering College Jyothi Nagar,
Chemperi, Kannur – 670632

Mobile No: +919447012013

Email ID: anoop013@vjec.ac.in

APJ Abdul Kalam Technological University



Sponsored Faculty Development Program on

INTERACTIVE LEARNING MODULES FOR INNOVATIVE PEDAGOGY IN CIRCUITS & ELECTRONICS

27-05-2019 to 31-05-2019

COURSE COORDINATORS

Dr.Roshini T V
Professor and Head / ECE
Vimal Jyothi Engineering College, Chemperi, Kannur
Anoop B K
Assistant Professor / ECE
Vimal Jyothi Engineering College, Chemperi, Kannur

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



VIMAL JYOTHI ENGINEERING COLLEGE CHEMPERI KANNUR

Accredited by NAAC and NBA

Introduction:

The KTU Sponsored Faculty Development Program (FDP) on Interactive Learning Modules for Innovative Pedagogy in Circuits and Electronics was conducted by the Department of Electronics and Communication (EC) at Vimal Jyothi Engineering College (VJEC) on May 27, 2019, starting at 9:00 AM. The program aimed to enhance teaching methodologies, particularly in the domain of Circuits and Electronics, by introducing interactive learning modules.

Objectives

To introduce innovative pedagogical methods in Circuits and Electronics teaching.

To facilitate the creation and implementation of interactive learning modules.

To foster collaboration and exchange of ideas among faculty members.

Participants

The FDP witnessed enthusiastic participation from faculty members of various engineering colleges affiliated with KTU (APJ Abdul Kalam Technological University). Approximately 50 faculty members attended the program, representing different disciplines within Electronics and Communication Engineering.

Sessions and Topics Covered

The FDP comprised a series of sessions focusing on different aspects of interactive learning modules and their integration into the curriculum. The sessions included:

Introduction to Interactive Learning: This session provided an overview of the importance and benefits of interactive learning methodologies in engineering education.

Designing Interactive Learning Modules: Faculty members were guided on the principles and best practices for designing effective interactive learning modules tailored to Circuits and Electronics courses.

Use of Technology in Pedagogy: The session emphasized the integration of various educational technologies such as simulations, virtual labs, and multimedia tools to enhance student engagement and comprehension.

Case Studies and Demonstrations: Real-life case studies and demonstrations were presented to showcase successful implementations of interactive learning modules in Circuits and Electronics education.

Hands-on Workshops: Practical workshops allowed participants to develop prototype interactive learning modules under the guidance of experienced facilitators.

Outcome

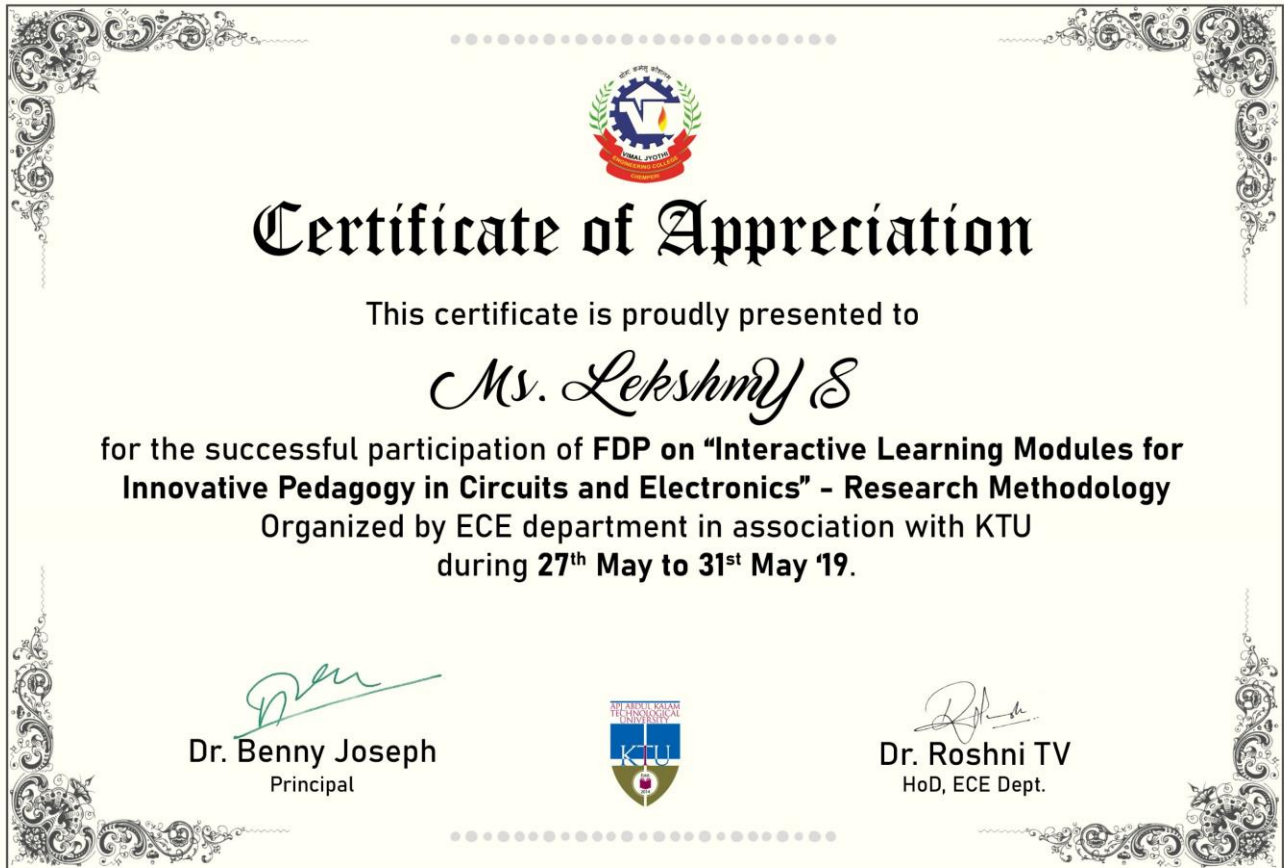
The FDP proved to be highly beneficial, enabling participants to:

- Gain insights into modern pedagogical practices.
- Acquire practical skills in designing and implementing interactive learning modules.
- Explore innovative approaches to teaching Circuits and Electronics.
- Network and collaborate with peers from other institutions.

Conclusion

The KTU Sponsored FDP on Interactive Learning Modules for Innovative Pedagogy in Circuits and Electronics conducted by the Department of EC at VJEC served as a platform for enhancing teaching effectiveness and fostering innovation in engineering education. The program empowered faculty members with the knowledge and tools necessary to create engaging and interactive learning experiences for students. Such initiatives play a pivotal role in adapting pedagogy to meet the evolving needs of engineering education in the digital age.

Certificate Sample:



National Conference on Recent Trends in Civil Engineering
Vimal Jyothi Engineering College

Date: May 30, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

National Conference on Recent Trends in Civil Engineering



VIMAL JYOTHI ENGINEERING COLLEGE
PRESENTS



NATIONAL CONFERENCE ON RECENT TRENDS IN CIVIL ENGINEERING-NCRTCE'19

Organised by
DEPARTMENT OF CIVIL ENGINEERING
In association with 'THE INSTITUTION OF ENGINEERS (INDIA)'
on 30th MAY 2019



DR. KATTA VENKATARAMANA
Prof. NITK



DR. LEENA A V
Associate prof. SNGCET



DR. RAJESH K N
Associate Prof. GCEK

Time: 9:30 AM
Venue : Varikkattu Hall

Convenor : DR. Prof. VRA Sathappan
Coordinators: DR. Shika S
Mr. Linjesh Sebastian
Ms. Lekshmi L

www.ncrtce.co.in
Student coordinators:
Poornima Pradeep
Amritha V V

Introduction:

The National Conference on Recent Trends in Civil Engineering, organized by the Department of Civil Engineering, took place on May 30, 2019, at 9:00 AM at VJEC. The conference aimed to provide a platform for scholars, researchers, and professionals in the field of civil engineering to exchange ideas, discuss recent advancements, and explore emerging trends.

Key Highlights:

- **Diverse Topics:** The conference covered a wide array of topics within civil engineering, including structural engineering, transportation engineering, environmental engineering, geotechnical engineering, and construction management.
- **Distinguished Speakers:** Eminent scholars and professionals from various institutions and industries graced the event as keynote speakers and panelists, sharing their insights and experiences with the participants.
- **Research Presentations:** Participants had the opportunity to present their research findings, innovative solutions, and case studies during the conference sessions. This facilitated meaningful discussions and knowledge dissemination among peers.
- **Interactive Workshops:** The conference also featured interactive workshops and technical sessions, where participants engaged in hands-on activities, demonstrations, and practical exercises related to contemporary issues in civil engineering.
- **Networking Opportunities:** Attendees had ample opportunities to network, collaborate, and establish connections with fellow researchers, academicians, and industry experts, fostering a spirit of collaboration and professional growth.

Conclusion:

The National Conference on Recent Trends in Civil Engineering organized by the Department of Civil Engineering at VJEC was a resounding success, bringing together stakeholders from academia, industry, and research organizations to explore and address the evolving challenges and opportunities in the field of civil engineering. The event not only provided valuable insights into the latest developments and innovations but also inspired participants to contribute meaningfully to the advancement of the discipline.

The conference served as a testament to the department's commitment to promoting academic excellence, fostering innovation, and nurturing talent in the field of civil engineering. As the industry continues to evolve and adapt to changing global trends, events like these play a crucial role in shaping the future of civil engineering and driving sustainable development across various sectors.

Certificate Sample:



Certificate of Appreciation

This certificate is proudly presented to

Mr. Linjesh Sebastian

for the successful participation of **National Conference on
"Recent Trends in Civil Engineering"-Research Methodology**
Organized by CE department in association with **TIE, India**
during **30th May '19**.


Dr. Benny Joseph
Principal


Dr. VRA Sathappan
Professor

Five Days Summer Internship Training on CATIA Software
Vimal Jyothi Engineering College

Date: June 19, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

Five Days Summer Internship Training on CATIA Software



DEPARTMENT OF MECHANICAL ENGINEERING 5 DAYS SUMMER INTERNSHIP TRAINING ON CATIA 3D MODELLING SOFTWARE

In association
with



DATE : 19 June to 23 June 2019

VENUE : CAD LAB

Programme coordinator :

Jestin.C.Jose (Assistant Professor ,ME) , NIYAS K.M (Assistant Professor,ME)

Introduction:

The Department of Mechanical Engineering organized a comprehensive five-day Summer Internship Training on CATIA Software. The program aimed to equip participants with essential skills and knowledge in Computer-Aided Design (CAD) using CATIA software, a prominent tool in the field of engineering and design.

Objective:

The primary objective of the internship was to familiarize participants with the functionalities and features of CATIA software, enabling them to proficiently utilize it for designing and modeling mechanical components and assemblies.

Program Overview:

- Day 1: Introduction to CATIA
 - Overview of CATIA interface and navigation
 - Introduction to sketching tools and basic sketching exercises.
- Day 2: Part Design
 - Understanding part design workbench
 - Creating 3D models of simple mechanical components
 - Exploring advanced part modelling techniques
- Day 3: Assembly Design
 - Introduction to assembly design environment
 - Assembling parts created in previous sessions.
 - Applying constraints and mate relationships
- Day 4: Drafting and Detailing
 - Generating 2D drawings from 3D models
 - Annotating drawings with dimensions and annotations
 - Understanding GD&T (Geometric Dimensioning and Tolerancing)
- Day 5: Advanced Features and Project Work
 - Exploring advanced features such as surface modelling and sheet metal design
 - Hands-on project work integrating concepts learned throughout the program.

Faculty and Resources:

- The training sessions were conducted by experienced faculty members from the Department of Mechanical Engineering, who possess expertise in CAD/CAM technologies.
- Participants were provided with access to state-of-the-art CAD lab facilities equipped with the latest versions of CATIA software.

Participant Feedback:

Feedback from participants indicated a high level of satisfaction with the program. Participants appreciated the hands-on approach to learning and the systematic progression of topics throughout the training sessions. Many expressed confidences in their ability to apply the skills acquired during the internship in their academic and professional endeavours.

Conclusion:

The Five Days Summer Internship Training on CATIA Software organized by the Department of Mechanical Engineering proved to be highly beneficial in enhancing the CAD/CAM skills of participants. The program provided a conducive learning environment and equipped participants with practical skills that are highly relevant in the field of mechanical engineering and design.

We extend our gratitude to all the participants for their active participation and enthusiasm throughout the training program. We also acknowledge the support of the administration and staff of VJEC in making this internship a success.

Certificate Sample:



**KTU Sponsored FDP on "Emerging Areas in Nanomaterials and its
Application"**

Vimal Jyothi Engineering College

Date: June 24, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

KTU Sponsored FDP on "Emerging Areas in Nanomaterials and its Application"

REGISTRATION FORM



KTU Sponsored
One Week Faculty
Development Programme



On
"Emerging Areas in Nanomaterials and its
Application"

Name :
KTU Faculty ID :
Designation :
Institution :
Educational Qualification :
Gender :
Experience -
Teaching :
Industry :
Accommodation needed : Yes / No
Address for :
Communication :

Pin code :
Phone (Mobile) :
E-mail ID :

Declaration

The information given above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If I am selected I will attend the course for entire duration.

Place: _____ Signature of Applicant
Date: _____

Sponsorship Certificate

This is to certify that Dr/Mr/Ms.....
is an employee of our institute and is being sponsored
for attending the FDP on "Emerging Areas in
Nanomaterials and its Application" at VJEC,
Chemperi, Kannur, Kerala from 24-06-19 to 28-06-19

Place: _____ Signature and seal of
Date: _____ sponsoring Authority

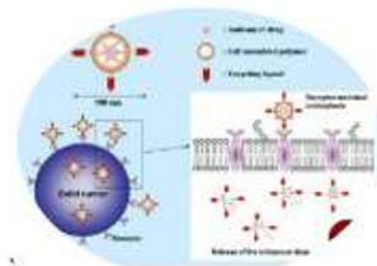
KTU Sponsored
One Week Faculty Development Programme
On
"Emerging Areas in Nanomaterials and its
Application"

Sponsored by



KTU, Kerala

24.06.2019 - 28.06.2019



Co-ordinator

Dr. S.Christopher Ezhil Singh, M.E., Ph.D.,

Organized by



DEPARTMENT OF MECHANICAL
ENGINEERING

VIMAL JYOTHI ENGINEERING COLLEGE

Accredited by NAAC and NBA

Chemperi, Kannur, Kerala - 670 632.

Web:www.vjec.ac.in

Introduction:

The KTU Sponsored Faculty Development Program (FDP) on "Emerging Areas in Nanomaterials and its Application" was conducted by the Department of Mechanical Engineering at Vimal Jyothi Engineering College (VJEC) on June 24, 2019. The FDP aimed to provide participants with insights into the latest developments in nanomaterials and their diverse applications.

Agenda:

The FDP commenced at 9:00 AM and was structured to cover various aspects of nanomaterials, including synthesis techniques, characterization methods, and application domains. The schedule included lectures, hands-on sessions, and interactive discussions to facilitate effective learning and knowledge exchange.

Key Highlights:

Inaugural Session: The program began with an inaugural session, featuring addresses from distinguished guests and faculty members. Participants were welcomed, and the objectives of the FDP were outlined.

Expert Lectures: Eminent speakers from academia and industry delivered informative sessions on topics such as:

- Fundamentals of Nanomaterials
- Nanomaterial Synthesis Techniques
- Characterization Methods for Nanomaterials
- Applications in Biomedical Engineering, Electronics, and Energy Storage

Hands-on Workshops: Participants had the opportunity to engage in practical sessions where they learned about experimental techniques for synthesizing and characterizing nanomaterials. The workshops were designed to enhance practical understanding and skill development among the participants.

Interactive Discussions: Throughout the FDP, interactive discussions were encouraged to address queries, share experiences, and explore potential research collaborations. Participants actively participated in discussions, enriching the learning experience.

Conclusion:

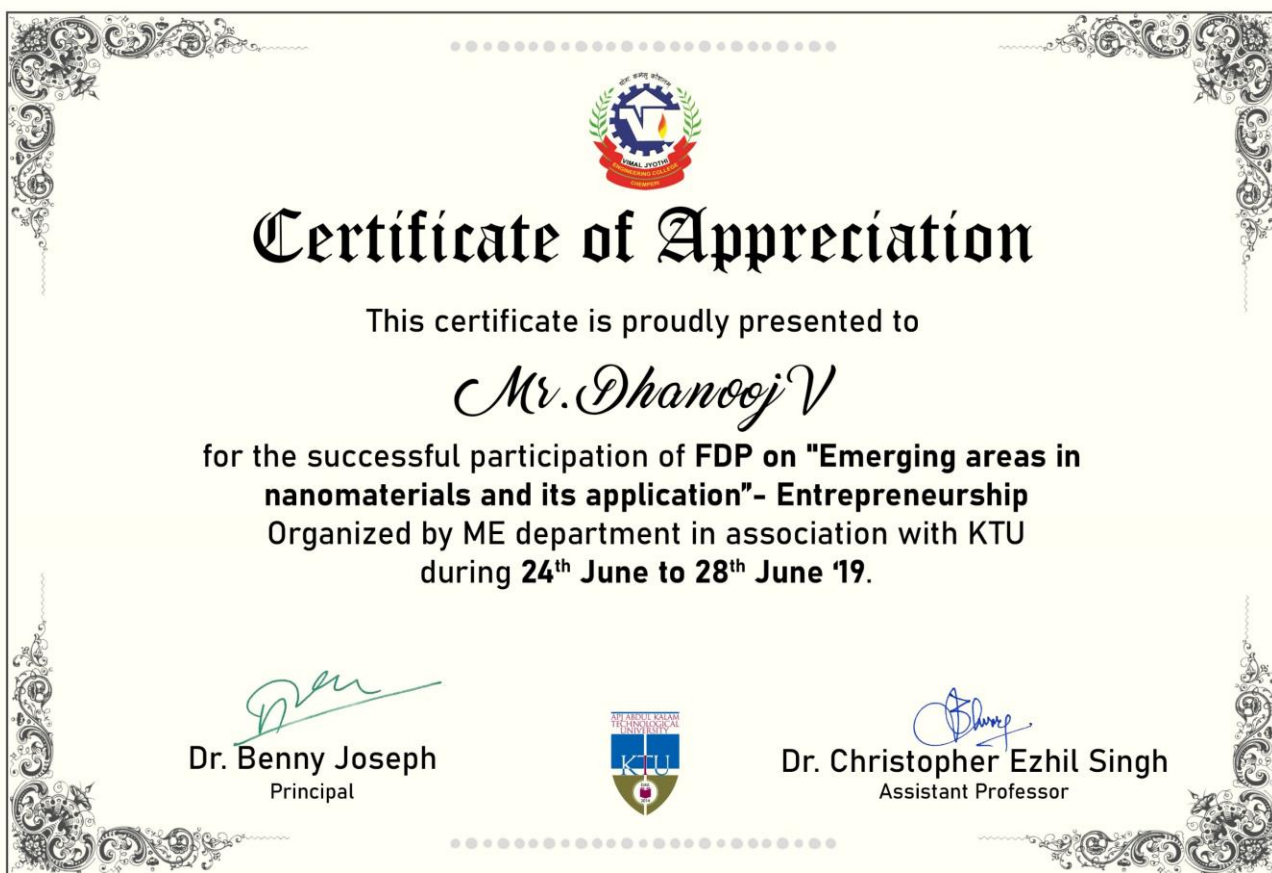
The KTU Sponsored FDP on "Emerging Areas in Nanomaterials and its Application" hosted by the Department of Mechanical Engineering at VJEC was a resounding success. It provided a platform for academicians, researchers, and industry experts to delve into the fascinating realm of nanomaterials. The program not only enhanced participants' knowledge but also fostered networking and collaboration opportunities.

Acknowledgments:

The organizers express their gratitude to the Kerala Technological University (KTU) for sponsoring the FDP and to all the speakers, participants, and staff members who contributed to its success. Special thanks are extended to the management of VJEC for their support and encouragement in organizing such enriching academic events.

The FDP concluded with a vote of thanks to all stakeholders and a commitment to continue fostering academic excellence and research endeavours in emerging fields like nanotechnology.

Certificate Sample:



Employability Enhancement Program
Vimal Jyothi Engineering College

Date: June 24, 2019

Venue: Vimal Jyothi Engineering College (VJEC)

Employability Enhancement Program



EMPLOYABILITY ENHANCEMENT PROGRAM

(A value addition program organized by Training and Placement Cell)

OBJECTIVE

The 5 days intensive training program is aimed at building employability skills to enable them to confidently appear in the selection process of leading IT companies, ITES/BPO, PSC, UPSC, GATE, Bank Examinations etc.

Contents: Numbers, percentages, Time and work, Time Speed and Distance, Permutation Combination and Probability, Clocks and Calendars, Corporate Etiquette, Group Discussion, Interview Techniques etc.

Date:	June 24-28, 2019
Venue:	Msgr. Jacob Varikkattu/Bishop Valloppally Hall
Fee:	for VJEC Students – Free for students from other colleges – Rs.5000/-
Eligibility:	S6 students, CGPA 6.5 and above, no pending back papers

For Registrations contact HODs/Tutors, Training & Placement Cell

Introduction:

The Employability Enhancement Program (EEP) organized by Vimal Jyothi Engineering College (VJEC) on June 24, 2019, at Varikkattu Hall, aimed to equip students with essential skills and knowledge to enhance their employability prospects in the competitive job market.

Objectives:

To provide students with insights into industry expectations and requirements.

To enhance students' soft skills such as communication, teamwork, and leadership.

To familiarize students with resume writing, interview preparation, and career planning strategies.

Event Highlights:

Inaugural Session:

The program commenced at 9:00 AM with an inaugural session presided over by the college principal, faculty members, and esteemed guests from various industries. The dignitaries emphasized the significance of skill development and employability in today's dynamic job market.

Expert Sessions:

The day-long event featured expert sessions conducted by industry professionals and career counselors.

Topics covered included:

- Effective Communication Skills
- Leadership and Teamwork
- Resume Writing and Interview Techniques
- Industry Insights and Expectations

Interactive Workshops:

Participants engaged in interactive workshops and role-playing exercises to practice newly acquired skills and receive constructive feedback from mentors and peers.

Panel Discussions:

A panel discussion provided a platform for students to interact with industry experts, ask questions, and gain valuable insights into career opportunities and industry trends.

Networking Opportunities:

Students had the opportunity to network with professionals from various industries during tea and lunch breaks, fostering meaningful connections and potential employment opportunities.

Closing Ceremony:

The program concluded with a closing ceremony where participants received certificates of participation and tokens of appreciation. The college administration thanked the organizers, sponsors, and participants for their active involvement and contribution to making the event a success.

Conclusion:

The Employability Enhancement Program organized by VJEC on June 24, 2019, proved to be a highly enriching and beneficial experience for students. By focusing on practical skills, industry insights, and networking opportunities, the program effectively prepared students for the challenges of the modern workplace and enhanced their employability prospects.

Certificate Sample:

