



ESPERANZA NEWSLETTER



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DECEMBER 2020

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FROM THE HODS DESK



It is my great pleasure to extend heartfelt greetings to the readers of ESPERANZA. ESPERANZA briefly provides the latest milestones and achievements of the Department of Computer Science and Engineering.

Digitalization in education is one of the new transformations happening in the world. We, being members of the higher education sector also experience its impact. Every transformation affects us in a two-fold dimension - either with its advantages or with its disadvantages. Let us overcome all the challenges of this transformation with its positive aspects.

We are going to witness a NEW YEAR. May every day ahead inspire you to set new goals and achieve your dreams. Also I extend a warm welcome to all the newly joined students of Computer Science and Engineering and Artificial Intelligence and Data Science streams.

Dr. Jeethu V Devasia
HOD CSE

JYOTHIRGAMAYA 2020

Vimal Jyothi Engineering College welcomed the budding stars to the nature blessed campus on 30.11.2020. The online function was so special for our college as Our Patron, Mar George Njaralakkattu showered his blessing on our new Batch and gave a motivational speech which would make them successful both professionally and personally. Manager of Vimal Jyothi Engineering College Fr. James Chellamkottu spoke and he reminded them, how lucky they are to get admission in Malabar's most prestigious institution. Our Principal Dr. Benny Joseph spoke about the academic disciplines and how students should be prepared for the next 4 years of professional studies. Vice Principal, HODs of all departments, and Deans were the other dignitaries.

ALL THE BEST TO OUR 2020-2024 BATCH!!!

"Great Things are not done by an impulse, but by a series of small things brought together".



**VIMAL JYOTHI
ENGINEERING COLLEGE**
CHEMPERI - KANNUR

**Jyothirgamaya
2020**
ജ്യോതിർഗമയ

Online inauguration of
B.Tech Classes

CHIEF GUEST



Mar George Njaralakkattu

All first year students and parents are requested to attend in time
at 8.15 am (30.11.2020) ZOOM MEET



STUDENT ACHIEVEMENTS




*“We are our choices.
Build yourself a
great story.”*

VIMAL JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
A COMMUNICATION PLATFORM FOR VIMAL JYOTHI INSTITUTIONS



Download 

TEAM BEHIND THE SCREEN:

 ROHITH PR (S7)	 AGIN CHANDRAN (S7)	 AKSHAY MOHAN (S7)	 RAMDEV CM (S5)
 NIHAL MANOJ (S5)	 JOSHUA MATHEW (S3)	 SREEVEDHI HAREESH (S3)	

MENTORS:

Dr. JEETHU V DEVASIA Associate Professor & HOD Department of CSE	Ms. VIDHYA S S Assistant Professor Department of CSE
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VIMAL JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
WE CORDIALLY INVITE YOU FOR THE LAUNCH EVENT OF
STUDENT CAREERS PORTAL
FOR VIMAL JYOTHI ENGINEERING COLLEGE

16th NOVEMBER, 2020
starts from 2.30 PM

GOOGLE MEET (click here) : <https://meet.google.com/ccq-hnfx-bwp>

TEAM BEHIND THE SCREEN:

 AROMAL JOSEPH K M (S7)	 JOSEKUTTY GEORGE (S7)	 ARUN AUGUSTINE (S7)	 JEWEL JOSEPH (S7)
 ANKITHA K (S5)	 ANAMIKA PRASANTH (S5)	 KIRAN VALSALAN NAIR (S3)	 SNIGDHA SATHYATHARAN (S3)

MENTORS:

Dr. JEETHU V DEVASIA Associate Professor & HOD Department of CSE	Ms. VIDHYA S S Assistant Professor Department of CSE
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“ITS NOT ABOUT IDEAS ITS ABOUT MAKING IDEAS HAPPEN”.

Urbanploy crafts with passion and wants to tell the world that young minds must be at work all the time and we would always love to guide people who want to start any company of such kind. Our business is mainly done through our website www.urbanploy.com , always updated with latest trends

and designs.

Feel free to contact us at urbanploy@gmail.com for your queries and keep aspiring.

You can also contact any of our **team members** personally :

- Akshay M (S7 CSE)**
- Akshay Mohan (S7 CSE)**
- Raed Abdul Majeed. (S7 ME-B)**
- Nikul Mohan (S7 ME-A)**
- Sanjay C P (S7 ME-A)**
- Avinash Sudheer (S7 ME-A)**

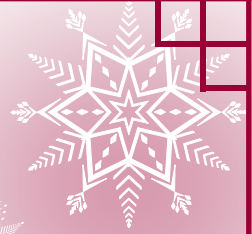




PROFESSIONAL BODY ACTIVITIES

CSI

15.16.08.2020. 17.30.10.2020. 21.11.2020.



CSE Department

VIMAL JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CSI STUDENTS CHAPTER
PRESENTS

A WORKSHOP ON

INTRODUCTION TO ANDROID APPLICATION DEVELOPMENT AND DEPLOYMENT

ON
AUGUST 15&16
FROM
4PM TO 6pm

RESOURCE PERSON
Mr. JIS JOE MATHEW
ASSISTANT PROFESSOR,
AMAL JYOTHI COLLEGE OF ENGINEERING
KANJIRAPPALLY

REGISTRATION LINK
<https://forms.gle/5gXSnnz2mHKm8jrY9>

ONLINE PLATFORM

REGISTRATION FEES:
CSI STUDENTS: FREE
OTHERS 50rs
99617 88571

LAST DATE TO REGISTER 14 AUGUST

CONVENER Dr. Jeethu V. Devasia HOD, CSE	STAFF COORDINATOR Ms. Akhila Mathew ASSISTANT PROFESSOR, CSE	STUDENTS COORDINATOR DON MARTIN[S5CSE]-95264 79631 VIBIN JAMES[S5CSE]-90728 13179 VIGNESH PV[S5CSE]-9526185253
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VIMAL JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF CSE
CSI STUDENTS CHAPTER
PRESENTS

Workshop On

MACHINE LEARNING WITH PYTHON

RESOURCE PERSON:

On
17th October
10:15am - 12:00pm

Mr. ABHINAV C
Mr. AMAL
ALUMNI (2016-20 BATCH)

PLATFORM: **Meeting link :**
<https://meet.google.com/byh-xpvu-its>

CONVENER: Dr. Jeethu V. Devasia HOD CSE	STAFF COORDINATOR: Ms. Akhila Mathew Assistant Professor CSE	STUDENTS COORDINATOR: Adheena KM S3 CSE Aishwarya M S7 CSE
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VIMAL JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF CSE

CSI VJEC STUDENTS CHAPTER
PRESENTS

WORKSHOP ON

WRITING TECHNICAL PAPERS

On
21 November
10.45 am - 11.45 am

RESOURCE PERSON :
Dr. Manoj V. Thomas
Professor, CSE Department

Platform : Google Meet
<https://meet.google.com/byh-xpvu-its>

CONVENER Dr. Jeethu V. Devasia HOD-CSE	STAFF COORDINATOR Ms. Akhila Mathew Assistant Professor, CSE
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VIMAL JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF CSE
CSI STUDENTS CHAPTER
PRESENTS

Workshop On

MACHINE LEARNING WITH PYTHON

Part 2

RESOURCE PERSON:

On
31st October
10:40am - 11:40am

Mr. HARSHIN RAMESH
ALUMNI
(2016-20 BATCH)

PLATFORM: **Meeting link :**
<https://meet.google.com/byh-xpvu-its>

CONVENER: Dr. Jeethu V. Devasia HOD CSE	STAFF COORDINATOR: Ms. Akhila Mathew Assistant Professor CSE	STUDENTS COORDINATOR: Adheena KM S3 CSE Aishwarya M S7 CSE
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DEPARTMENTAL ACTIVITY

"The best way to predict the future is to create it."

The Department as an initiative for placement of final year students conducted an event of 2 hours duration. The objective of the event, "STUDENTS EMPLOYABILITY ANF HIGHER EDUCATION ABROAD" was to provide an real picture of IT industry and how things are working there. Also the students were given a better picture about higher studies.

VIMAL JYOTHI ENGINEERING COLLEGE KANNUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WEBINAR ON

STUDENTS EMPLOYABILITY AND HIGHER EDUCATION ABROAD

DEEPAK GEORGE
SENIOR MEMBER TECHNICAL STAFF
CISCO INDIA

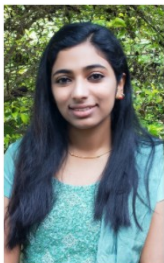
NOVEMBER 10TH 2020
02.00 PM - 04.00 PM
<https://meet.google.com/xwo-quem-awn>

NBA
NATIONAL BOARD OF ACCREDITATION

CONVENOR :
DR. JEETHU V DEVASIA (HOD, CSE)

Co-ordinators :
Ms. Achala Prasad
Ms. Ancy K Sunny
Ms. Divya K

NEW FACES IN DEPARTMENT



Ms. Angel Varghese
M.Tech Image Processing
CUSAT



Mr. Arjun R
PhD(Submitted) Information
Systems, NIT Karnataka
M.Tech Software Engineering
CUSAT

DEPARTMENTAL PTA MEETING

Online Departmental PTA meeting for S3 CSE A, S3 CSE B, S5 CSE and S7 CSE classes were conducted on 28.10.2020,25.10.2020,26.10.2020, and 27.10.2020 respectively. The agenda of meeting was to discuss the Result Analysis of Internal Assessment 1, online academic activities and opinion from parents regarding the same.

Students and parents were satisfied with the academic activities and they appreciated the efforts taken from college for the smooth conduction of online classes.





PUBLICATIONS

1. Dr. Renji P Cheriyan published a SCIE Journal Paper, “Weight Optimized Neural Network for Heart Disease Prediction using Hybrid Lion Plus Particle Swarm Algorithm”, *Journal of Biomedical Informatics*. <https://www.sciencedirect.com/science/article/abs/pii/S1532046420301714>.
2. Ms. Keerthijith. P published a paper entitled “Bitcoin : An Overview of the Innovative Decentralised Digital Currency” in *Journal of Computer, Internet and Network Security*. ISSN : 2457-0176(Online).



FDP/ WEBINAR ATTENDED

1. Ms. Ancy K Sunny attended FDP on “Universal Values” from 02.11.2020 to 06.11.2020 organized by AICTE.
2. Ms. Achala Prasad attended TEQIP Sponsored Short Term Training Programme on “Scientific Computing with Python” from 9th November to 20th November, 2020, organized by the Dept. of ECE, Rajiv Gandhi Institute of Technology (Govt. Engineering College), Kottayam, Kerala.
3. Ms. Achala Prasad attended AICTE sponsored online STTP on "HUMAN VALUES, ETHICS, MORALS, BEHAVIORAL SCIENCES AND ATTITUDE" from 23.11.2020 to 28.11.2020.
4. Mr. Abdul Latheef attended a workshop on “Writing Technical Papers” on 21.11.2020.
5. Ms. Angel Varghese attended online workshop “Incorporating Universal Human Values in Education for Directors, Deans, and Faculties”, An AICTE initiative, from 05.09.2020 to 09.09.2020.
6. Ms. Keerthijith P attended “Introduction to android application development and deployment” from 15.09.2020 to 16.09.2020.
7. Ms. Divya K and Ms. Akhila Mathew attended “Webinar on Career Opportunities in REDHAT” conducted by Department of CSE, VJEC in association with RedHat on 19.09.2020.
8. Dr. Jeethu V. Devasia and Dr. Manoj V. Thomas acted as **Resource Persons** for the webinar on “Introduction to Artificial Intelligence and Data Science”, on 08.08.2020.
9. Dr. Jeethu V. Devasia attended ATAL FDP on “Blended Learning and Flipped Class room” from 10.08.2020 to 14.08.2020

VIMAL JYOTHI ENGINEERING COLLEGE KANNUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BI MONTHLY
NEWSLETTER
DECEMBER 2020

VISION

To contribute to the society through excellence in scientific and knowledge based education utilizing the potential of computer science and engineering with a deep passion for wisdom, culture and values.

MISSION

To promote all-round growth of an individual by creating futuristic environment that fosters critical thinking, dynamism and innovation to transform them into globally competitive professionals.

To undertake collaborative projects which offer opportunities for long-term interaction with academia and industry.

To develop human potential to its fullest extent so that intellectually capable and optimistic leaders can emerge in a range of professions.



POs and PSOs of Department

Engineering Graduates will be able to:

- 1. Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering Fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/ Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4. Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5. Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- 6. The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 7. Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9. Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- 11. Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

1. An ability to apply development principles to analyse and design complex software and systems containing hardware and software components of varying complexity.
2. An ability to apply mathematical foundations, algorithmic principles and computer science theory in the modelling and design of computer - based systems in a way that demonstrates comprehension of the trade-offs involved in design choices

EDITORIAL BOARD

STAFF EDITOR : Ms. ACHALA PRASAD, AP , CSE

STUDENT EDITOR : Mr. AKSHAY MOHAN , Mr. AGIN
CHANDRAN (S7 CSE)

“Life should be great rather than long.”

Dr. B R Ambedkar

