09.04.2021

ESPERANZA

N E W S L E T T E R

D E P A R T M E N T   O F   C O M P U T E R   S C I E N C E   A N D   E N G I N E E R I N G

P R O D U C T   L A U N C H & A P P R E C I A T I O N   O F   Y O U N G   T A L E N T S

Inside this issue:

Special points of interest:

Class Commencements

- S8 CSE: 15.03.2021
- S6 CSE: 22.03.2021
- S2, S4 CSE:03.05.2021

VIMAL JYOTHI ENGINEERING COLLEGE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

We are blessed with the presence of His Grace Mar. Joseph Pamplany on the occasion of

Product Launch of
"Covid Buster"
An automated thermal scan system
VJEC Reception - 27/03/2021 -10:30 AM
&
Appreciation of young talents
behind our products

Student careers portal
Sync VJ
Census Application for Archdiocese of Tellicherry
Covid Buster
Varikkattu Hall -27/03/2021 -12:30 PM

!!! All are cordially invited !!!

The department of CSE with great pride and happiness conducted Product Launch of "Covid Buster", An automated thermal scan system, on 27.03.2021.

The event was blessed by the presence of His Grace Mar. Joseph Pamplay, Chairman VJEC. Our students, who worked sleeplessly for our innovative projects, were also appreciated.

Students under the supervision of Dr.Jeethu V. Devasia,HOD CSE and Ms. Vidya S.S, Assistant Professor CSE & Software development cell Coordinator, completed socially relevant projects namely, "Students Careers Portal", "Sync VJ", "Census Application dor Archdioese of Tellicherry", and "Covid Buster".

S E M E S T E R   B E G I N I N G

As per the guidelines from university and government, we have planned the online and contact classes of all semesters. Even when the whole world was stand still, we were able to conduct our academic activities in an organized manner. Like the previous semester, we are expecting to conduct the classes in an extraordinary manner. The classes are now planned as

Programme	Class Commencement	Class Ends	Contact Class	Commencement of ESE
S8 CSE	15.03.2021	19.06.21	01.06.2021 to 19.06.2021	30.06.2021
S6 CSE	22.03.2021	29.06.21	08.06.2021 to 29.06.2021	10.07.2021
S2,S4 CSE	03.05.2021	11.08.21	30.06.2021 to 21.07.2021	25.08.2021

We wish the students will make the best use of this time and hope to see their smiling faces soon.

"You must learn a new way to think before you can master a new way to be."

S T U D E N T   A C H I E V E M E N T S

The following students under the guidance of Ms. Akhila Mathew, Assistant Professor CSE were selected for **TOYCATHON** . The idea named **"PYTHOTRON"** was selected. The student members include :

1. Augustine Felix Joshy, (S1 CSE B)

2. Anson Leon Sebastian, (S1 CSE B)

3. Swetha N, (S1 CSE B)

4. Diya KP, (S1 CSE B)

5. Neha Premarajan, (S1 CSE B)

6. Alan Jyothis Thomas, (S1 CSE B)

The following students under the guidance of Ms. Akhila Mathew, and Mr. Ansil Nazar, Assistant Professor CSE were selected for **TOYCATHON** . The idea named **"HeX Tex"** was selected. The student members include :

1. Akhila Raghunath (S1 CSE B)

2. Manjima Ann Biju (S1 CSE B)

3. Fathimath Rajiya P K (S1 CSE B)

4. Adithyan C V (S1 CSE B)

5. K K Nasif (S1 CSE B)

6. Abhinav Viswanath (leader) (S1 CSE B)

PROFESSIONAL BODY ACTIVITIES

CSI STUDENT CHAPTER　　　　　　　　　　　　　**02.03.2021 to 06.03.2021**

Business Name

ABOUT THE INSTITUTION

Vimal Jyothi Engineering College (VJEC) is an educational project of the Archdiocese of Thalassery established in the year 2002 and is managed by Meshar Diocesan Educational Trust. The college is approved by AICTE and affiliated to APJ Abdul Kalam Technological University (KTU). VJEC is a self-financing catholic minority institution aiming at generating a fervor for Engineering and Technology in students. Here we inspire, nurture and foster them to realize their career potential in the field of Engineering and Technology. B.Tech. Programmes in Computer Science and Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Civil Engineering are accredited by the National Board of Accreditation (NBA). The institution is also accredited by NAAC and certified by ISO 9001:2015.

INFORMATION FOR PARTICIPANTS

• **ELIGIBILITY**

The FDP is open to faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government and Industry.

• **REGISTRATION DETAILS**

All the participants are requested to register online by filling the following form

https://docs.google.com/forms/d/e/1FAIpQLSe4AfYCOLzJ0vdGLLz7e_RAEljyTwLocMDPOfU51jNskikyhQ/viewform?usp=sf_link

on or before 27th February, 2021.

Registration for all the participants is mandatory.

- ONLINE SESSION DETAILS WILL BE COMMUNICATED TO THE REGISTERED PARTICIPANTS THROUGH EMAIL.
- REGISTRATION IS FREE.
- E-CERTIFICATE WILL BE ISSUED TO THOSE PARTICIPANTS WHO ATTEND ALL THE SESSIONS.

CSI Sponsored

One week
Online Faculty Development Programme
on
MACHINE LEARNING WITH ITS MATHEMATICAL FOUNDATIONS
2nd March 2021 - 6th March 2021
Organized by
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VIMAL JYOTHI ENGINEERING COLLEGE
Chemperi, Kannur, Kerala - 670 632
www.vjec.ac.in

The one-week online Faculty Development Program (FDP) on **MACHINE LEARNING WITH ITS MATHEMATICAL FOUNDATIONS** in collaboration with the Computer Society of India(CSI) was organized successfully with the participation of different stakeholders. The FDP addresses the fundamental concepts of machine learning and mathematics. The details of the course are given below. The FDP was coordinated by Dr. Jeethu V. Devasia- Associate professor- HoD- CSE, Ms. Akhila Mathew - Assistant professor-CSE, Mr. Ansil Nazar- Assistant Professor- CSE.

This course was aimed at the faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government and Industry. There were 150 participants registered for the FDP from the various institutes/ colleges/ universities in India. Mar Joseph Pamplany, Chairman of Vimal Jyothi Engineering college inaugurated the FDP. Dr. Benny Joseph, Principal of Vimal Jyothi Engineering College, Dr. Jeethu V. Devasia, Head of the department of computer science and engineering, and Dr. Sheeba K representative of CSI Trivandrum chapter addressed the gathering in the inaugural session and discussed the importance of this FDP.

Resource Persons from reputed academic institutions are included in this FDP details are given below.

1. Dr. Jeethu V. Devasia, Department of CSE, VJEC
2. Prof. Gireesan K. K. Department of Mathematics Government College of Engineering Kannur
3. Dr. Sreeni K. G. Department of ECE, College of Engineering Trivandrum.
4. Prof. George K. V. Department of Mathematics- VJEC.
5. Dr. Ajeesh Ramanujan Department of CSE- College of Engineering Trivandrum.
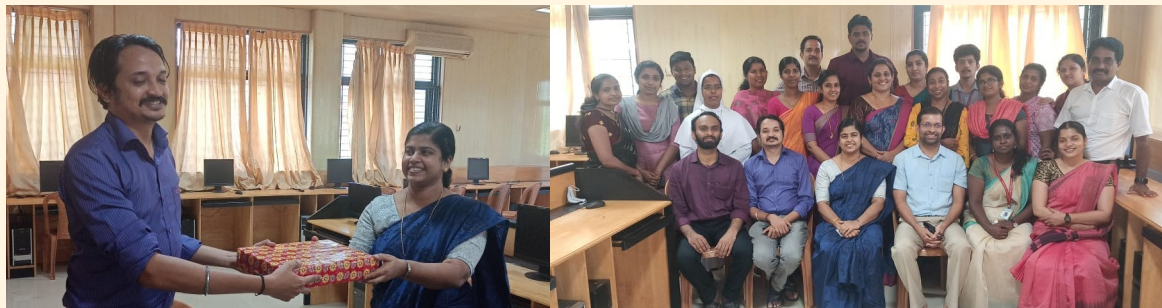
FDP/ WEBINAR ATTENDED

1. Ms. Ancy K Sunny, Ms. Anisha Joseph, Ms. Akhila Mathew, Ms. Tintu Devasia attended 5 Days FDP on "Data Science and Artificial Intelligence" organized by Rajagiri School of Engineering and Technology from 08.02.2021 to 12.02.2021.

2. All faculty members of CSE Department attended 5 Days CSI SPONSORED FDP on MACHINE LEARNING WITH ITS MATHEMATICAL FOUNDATIONS, organized by CSI chapter at VJEC from 02.02.2021 to 06.02.2021.

3. Ms. Tintu Devasia, Sr. Jisha C T attended 5 Days Online STTP on Big Data and Security organised by College of Engineering Karunagappally, from 22.03.2021 to 26.03.2021.

FACULTY ACHIEVEMENT

1. Ms. Anisha Joseph added as a new nominee for CSI on 09.02.2021.

2. Ms. Akhila Mathew applied for CERD funding on 20.02.2021.

3. Ms. Akhila Mathew and Mr. Ansil Nazar acted as mentor for TOYCATHON.

4. Ms. Derroll David coordinated college and department level NIRF.

BID FAREWELL

The department gave farewell to Mr. Arjun R, Assistant Professor CSE on 27.03.2021. Within the short service at VJEC, he became a face that was approachable under any critical circumstances. With his melodious voice he conquered many hearts will be remembered forever. We the department, wish him "All the Very Best for his Future Endeavors .

PLACEMENTS

VIMAL JYOTHI ENGINEERING COLLEGE, KANNUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Congratulations

PLACEMENTS - 2017-2021 BATCH

LAZIM

| DEVIKA K | JEWEL JOSEPH | KEERTHI RAMESH |

VIMAL JYOTHI ENGINEERING COLLEGE, KANNUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Congratulations

PLACEMENTS - 2017-2021 BATCH

QUEST
BORN TO ENGINEER

| AGIN CHANDRAN | ANAGHA ASOKAN | ASHLY K P |

| NIVED RAJEEVAN | VIVEK RAJAN NAIR |

ESPERANZA

VIMAL JYOTHI ENGINEERING COLLEGE KANNUR

BI MONTHLY

NEWSLETTER

APRIL 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 (S8 CSE)

Mr. AGIN CHANDRAN (S8 CSE)

" Try not to become a man of success. Rather become a man of value" - Albert Einstein