

ESPERANZA

NEWSLETTER
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FLOOD RELIEF ACTIVITIES



With Kerala limping back to normalcy after the incessant rains and floods that ravaged the state, the faculty and students of CSE department, VJEC have pitched in to help the people of God's own country. The students have collected their part to help the needy. They also have contributed their physical effort to bring back many home. Here, we take a look at individual acts of kindness that were replete from all over.

ALUMNI MEET 2018

Alumni Meet 2018 was conducted at Varikkattu Hall on 13 October 2018. Dr. Benny Joseph, principal welcomed all the dignitaries and alumni for the occasion. He addressed about the importance of Alumni meet. Our chairman, Rev. Dr. Fr. Thomas Melvattath inaugurated the entire function. The gathering was addressed by other dignitaries from management and faculty. An alumni foundation was registered for the same. Many students from CSE participated for the event. Students showcased their talent on that day by performing various activities like singing, performing on the keyboard etc. Student Office bearers were selected from CSE department.



VIMAL JYOTHI
ENGINEERING COLLEGE

Bimonthly Newsletter
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VISION

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

MISSION

- To promote all-around growth of an individual by creating futuristic environment that foster critical thinking, dynamism and innovation to transform them into globally competitive professionals.
- To undertake collaborative projects which offers opportunities for long-term interaction with academia and industry.
- To develop human potential to its fullest extent so that intellectual capable and optimistic leaders can emerge in a range of professions.

INDUSTRIAL VISIT

S7 CSE (2015 - 2019) batch students of the department visited the Industry namely Digicom Software, Hardware & Networking Training Centre at Goa as part of achieving the learning outcomes. The Industrial visit was from 18/10/2018 to 20/10/2018. Ms. Asha Baby, Ms. Derroll David, Mr. Jilson P Jose & a parent accompanied the students for the industrial visit. The students learned the basics and latest technology in computer science. The students actively participated in the classes and are looking forward for innovations beyond the academics.

PTA MEETING

The PTA meeting for S1, S3 and S5 CSE are conducted in the month of September 2018. The result analysis and performance of each student are discussed with the parents.

ISO AUDIT

The CSE Department had a ISO Internal Audit for scrutinising the quality of academics for courses. The audit gave the faculty an insight on the various documentation and file to be maintained at the department as part of the ISO audit. It was held on 04/10/18 at VJEC CSE Department.

ENTREPRENEURSHIP ACTIVITY

Mr. Vishnu Pradeep, Ms. Abhina Anilkumar, Ms. Keerthana and Ms. Amala Sebastine have started their work towards startup and preliminary approvals are completed.

PLACEMENTS

Mr. Sairam Manoharan, of S7 CSE got placed in TCS through campus recruitment and have received the offer letter.

GATE COACHING

The department of CSE have started Free GATE coaching for S7 CSE. The program is coordinated by Ms. Keerthijith P, AP in CSE. The students are actively participating for the same. The subjects namely computer networks and computer programming coaching are completed successfully.

FACULTY ACHIEVEMENT

Ms. Divya B, Assoc. Prof. of CSE, have qualified to do Ph.D part time under KTU. Congratulations to Ms. Divya B on her achievement and All the best for you future growth.



24TH ANNUAL INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING & COMMUNICATIONS (ADCOM 2018)

Ms. Varada, Ms. Aparna, Ms. Fathima Shahzadi, Mr. Amal, Mr. Yeswanth, Ms. Aswani, Mr. Ajay Joy, Ms. Arunima students of S5 CSE Department attended a three days Annual International Conference on Advanced Computing & Communications (ADCOM 2018) at Bangalore from 21th - 23th September 2018.



STUDENT ACHIEVEMENTS

Mr. Agin Chandran, Mr. Abhinav K M, Ms. Linisha Suresh, Ms. Keerthi Ramesh, Mr. Vivek Rajan of S3 CSE participated in Google Firebase workshop at MIT Anjarakandy.

Mr. Arjun, Mr. Abhinav, Mr. Amal, Mr. Dony, Mr. Ashlin, Mr. Ajay Joy and Mr. Midhun Devasia have attended one week workshop on IoT at VIT, Chennai.

POs and PSOs of Department

Engineering Graduates will be able to:

Engineering Knowledge: Apply the knowledge of mathematics, science, engineering Fundamentals, and an engineering specialisation to the solution of complex engineering problems.

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.

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.

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.

Modern Tool Usage: Create, select, and apply appropriate techniques, re-sources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

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.

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.

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write e effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Project Management and Finance: Demonstrate knowledge and understand- ing 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.

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)

An ability to apply development principles to analyze and design complex soft- ware and systems containing hardware and software components of varying complexity.

An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the trade's involved in design choices.

EDITORIAL BOARD

Staff Editor : Ms. Derroll David, Assistant Professor of CSE

Student Editor: Mr. Vishnu & Ms. Sincy (S7 CSE), Mr. Arjun Govindan & Ms. Varada (S5 CSE)