

ESPERANZA

NEWSLETTER
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SCHOOL EXHIBITION



CSE department co-ordinated and presented various projects of our students at the exhibition conducted at Mary Giri Senior Secondary School at Sreekandapuram, Kerala on 12th and 13th January 2018



in connection with their Silver Jubilee Celebrations. The exhibition enlightened the opportunities and scope of different branches of engineering. Dr. Manoj V Thomas (HoD CSE) along with Ms. Ancy K Sunny, Ms. Anjana K.P. and student representatives played the key role in co-ordinating the program. The exhibition was visited by many people in addition to children from nearby schools and got a huge publicity.

SMART INDIA HACKATHON - '18

Hackathon is a competition for students from AICTE approved colleges to promote their innovative ideas. Ms. Anisha Joseph and Ms. Purnima Mathew along with Mr. Sairam Manoharan, Mr. Vishnu Pradeep, Ms. Anusha Jiji of S6 CSE and Ms. Varada M. V., Mr Aadarsh Unni Wilson of S4 CSE attended the workshop on Smart India Hackathon at SCMS School of Engineering & Technology, Ernakulam on 9th January 2018. Three software solutions were submitted by our students for ministry/state level problems as a result of the same.



**VIMAL JYOTHI
ENGINEERING COLLEGE**

Bimonthly Newsletter
February 2018

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.

STUDENT ACHIEVEMENTS



Two S4 CSE students participated in the 4th National Peace Convention held at Cochin, Kerala from 31 Jan '18 to 1 Feb '18. Mr. Wissam Salih Abdulla is elected as the district president for peace club and Mr. Ajay Joy is the state committee member.



“Without hard work and discipline it is difficult to be a top professional”

Mr. Nijal Jacob of Computer Science & Engineering department (2013 - '17 batch) got third rank in Kannur University. Currently, he is working at Vanenburg Software Pvt. Ltd, Bangalore as Software Engineer. Congratulations Mr. Nijal Jacob for your great achievement.

FACULTY ACHIEVEMENTS



Dr. Manoj V Thomas, Ms. Divya B and Ms. Derroll David attended the FEP on “Internet of Things” from 18 Dec '17 to 22 Dec '17 organised by Infosys Campus Connect at NMAM Institute of Technology, Mangalore.

Ms. Ancy K Sunny attended the “Microchip India Masters Conference” from 5 Dec '17 to 8 Dec '17 conducted by Microchip India Pvt. Ltd. at Bangalore. The topics covered in the session are familiarisation of MPLAB X IDE, security in embedded systems and bootstrap loading.



Ms. Ancy K Sunny and Ms. Derroll David attended the FDP on “An excursion to topics in Algorithms” from 28 Dec '17 to 30 Dec '17 sponsored by KTU at Government Model Engineering College, Ernakulam.

Mr. Sibi Joseph and Ms. Shiji Joy attended the FDP on “Enhancing Teaching & Facilitating Learning through ICT” from 18th to 22nd Dec '17 sponsored by DTE at GEC Kannur.



1

GOOGLE CLASSROOM

The faculty have created google classroom for their subjects and additional learning support is provided to the students.

2

TEACHABLE.COM

A website is created for each faculty and he/she can provide the course content of the subjects handled.

3

PRACTICAL LABS

The programming subjects are taught by providing tutorial classes and additional practical session.

WELCOME TO DEPARTMENT



Ms. Keerthijith P.

M.Tech (CSE) - RIT Kottayam
B.Tech (CSE) - SNGCET
Payyanur



Ms. Akhila Mathew

M.Tech (CSE) - Amal Jyothi
Engineering College,
Kottayam
B.Tech (CSE) - VJEC, Kannur



Mr. Lithin

B.Sc (CS) - College of Applied
Science, Taliparamba,
undertaken by IHRD

Diploma (Hardware &
Networking) - ITI, Kottoor



NSS CAMP

Mr. Abhinav, Mr. Ajay Joy, Mr. Dony James and Mr. Wissam Salih Abdulla of S4 CSE actively participated in the NSS camp held at Pathanpara. The program was inaugurated by Sri. K.C. Joseph (MLA) followed by an inspiring speech. Rev. Dr. Fr. Thomas Melvattath and Rev. Fr. Jinu along with other dignitaries made the function auspicious.

WORKSHOP ON C & C++

Ms. Derroll David, AP of CSE was the resource person for handling the workshops on C and C++ for S4 AEI and S6 ECE respectively.

BID FAREWELL TO DEAR FACULTY

Department of CSE bid farewell to our dear colleague Mr. Akhil Paulose and Dr. V Chandrasekar. The contributions that they have provided to the department during their span of time working in VJEC were outstanding. We wish them all success in their future life and career.



MEETINGS ORGANIZED

- Course team meeting, course committee meeting and class committee meeting conducted for B.Tech and M.Tech courses in CSE.
- Student Council Meeting were conducted by the department.
- First series RA Meeting conducted for S2, S4, S6 and S8 CSE.



CHARITY PILGRIM

A unique programme for all first years to inculcate an

Conducted by:
National Service Scheme (NSS) - Unit 194
& Dept. of Applied Science & Humanities

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

Proof Reading : Mr. Jilson P Jose

Student Editor: Mr. Vishnu & Ms. Sincy (S6 CSE), Mr. Arjun Govindan & Ms. Varada (S4 CSE)