

# ESPERANZA

NEWSLETTER  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

## TECHFEST KRONOS 2K18



CSE department **TECHFEST KRONOS 2K18** was organised on 5<sup>th</sup> March 2018 at VJEC. Rev. Fr. Thomas Melvettath (Chairman) inaugurated the event in the presence of Fr. Jinu Vadakkemulanjanal (Administrator), Mr. Sebastine Puthanpurakal (PRO), Dr. Manoj V Thomas (HoD CSE) & Ms. Anisha Joseph (Co-ordinator) along with the faculty & students at Varikatt Hall. Various competition events like Online Treasure Hunt, Reverse Coding, App Development etc were conducted. Gaming and project expo were the focal points during the program. It was a great success with the support of management, HOD, faculty & students.



## FAREWELL 2K18

The department bid farewell to the final year students on 14<sup>th</sup> March '18. Rev. Fr. Thomas Melvattath(Chairman), Fr. George Asharikunel(Bursar), Dr. Benny Joseph (Principal), Mr. Sebastine (PRO) and Dr. Manoj V Thomas (HoD CSE) gave valuable message to the students and shared some nostalgic moments. As a token of our love, mementos and gifts were given to the students in the presence of HoD, tutors & faculty.



**VIMAL JYOTHI  
ENGINEERING COLLEGE**

Bimonthly Newsletter  
April 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

### GIF - Get It Filled

Ms. Aishwarya Manoj, Ms. Anagha Pallen Pavithran, Ms. Bagya Girish and Ms. Sneha C. K. of S8 CSE developed an innovative project under the guidance of Ms. Ancy K Sunny (AP of CSE) to take the account number, the amount to deposit/withdraw in the form of speech and fill the bank deposit/withdrawal form. The pdf for this is created automatically, it helps the blind people to fill deposit/withdraw form without any human intervention. The project got eligible for IRPS funding from VJEC.



### IEEE Event Participation

Mr. Avinash Gosh, Mr. Alan, Mr. Ashik Dileep of S6 CSE participated in IEEE event zcleasius conducted at College of Engineering, Cherthala on 22/2/18, 23/2/18 & 24/2/18.

### International Conference on Control, Power, Communication and Computing Technologies (ICCPCT)

Ms. Jemy Ann Joseph, Ms. Veena and Ms. Namitha of M2 M.Tech presented their M.Tech project paper at the International Conference on Control, Power, Communication and Computing Technologies ICCPCCT @ VJEC on 24/3/18.

## FACULTY ACHIEVEMENTS



Dr. Manoj V Thomas, Ms. Divya B and Ms. Rahul Ajithkumar attended the six days STTP on "Information Security and Ethical Hacking" from 19 Feb '18 to 24 Feb '18 sponsored by DTE, Kerala at Department of CSE, Govt. Engineering College, Kannur.

Mr. Jilson P Jose (AP in CSE) attended Principal's Conclave as part of Infosys Campus Connect Programme at Infosys Bangalore. The Conclave brings IT managers and college management on the same platform to discuss the need and actions for academia-industry collaboration. It create an exciting and appealing learning environment in the partner colleges through knowledge events



Ms. Ancy K Sunny, Ms. Derroll David and Ms. Anisha Joseph attended the three days workshop on "Blockchain Technologies" from 15 March '18 to 17 March '18 organised by TIFAC-CORE in Cyber Security at Amrita Viswa Vidyapeetham, Coimbatore.

Dr. Manoj V Thomas (HoD CSE) & Ms. Ancy K Sunny co-ordinated GATE 2018 at VJEC on 4/2/18, 10/2/18 & 11/2/18. They acted as the Presiding Officer and Deputy Presiding Officer respectively. GATE 2018 exam was successfully completed at VJEC centre.

Dr. Manoj V Thomas (HoD CSE) was the co-chair of computing session for the ICCPCCT @ VJEC. The International Conference was on 24/3/2018.

## CAMPUS PLACEMENT



Ms. Jismy Roy & Ms. Anugraha N Sunny (S8 CSE) placed in Accentia Education.



Ms. Bagya Girish (S8 CSE) got placed as Software Engineer in KPIT Technologies Pvt. Ltd.



Mr. Jerin Abraham (S8 CSE) placed as Technical Support Associate in Mphasis.



## SCHOOL EXHIBITION

Mr. Jilson P Jose and Mr. Sibi Joseph co-ordinated the school exhibition at Thalassery on behalf of our department. The projects developed at the department were exhibited along with hardware familiarisation etc. The students from various schools participated in the program and it was a huge success.



Dr. Manoj V Thomas (HOD CSE) was elected as the member of Catholic Council of India from Arch. Diocese of Thalassery. Congratulations to you on behalf of our Department.



Ms. Divya B was awarded “Silver Partner Faculty” under Inspire The Campus Connect faculty partnership model. The faculty uplifted the name of our college by scoring 100 points by her active participation in various FEP and reaching out these knowledge to our students as well.



Ms. Anisha Joseph, Assistant Professor of CSE qualified Graduate Aptitude Test in Engineering 2018 (GATE). Congratulations to you for your achievement on behalf of our department.

## MoU - INFOSYS CAMPUS CONNECT

Infosys Campus Connect is an industry - academia partnership initiative launched by Infosys. It helps its partner colleges to groom industry ready engineers. Our college is updated to “Advanced Partner Institution” under Infosys Campus Connect Partnership.

## ENTREPRENEURSHIP ACTIVITY

Mr. Linoop M2 M.Tech, Mr. Judeson, Mr. Alan, Mr. Ashik Dileep and Mr. Avinash (S6 CSE) are under the process of getting their company registered as “AGNITEX”.

Mr. Mohammed Minhaj, Mr. Harsin, Mr. Vishnu T, Mr. Gokul, Mr. Athul Seban, Mr. Ashik S N and Mr. Adwaith of S4 CSE launched a company named “WEBCRAFT DEVELOPER” and have completed many real time projects.

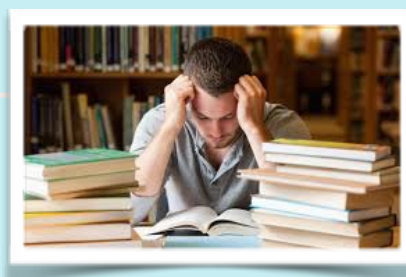
## KTU EXTERNAL AUDIT

The CSE Department had a KTU External Audit for scrutinising the quality of academics for KTU courses. The audit gave the faculty an insight on the various documentation and file to be maintained at the department as part of the KTU Academics. It was held on 16/02/2018 at VJEC CSE Department.

## PHD SCHOLARS

**“Everything diminishes when it is used except knowledge”**

Currently, some of our faculty namely Ms. Neena Phalgun, Ms. Vidhya S S and Mr. Rahul Ajithkumar are pursuing Ph.D from reputed institutions like Amrita Viswa Vidyapeetham, VTU University etc. They are providing major contributions in the area of IoT, Networking and Image Processing.



## MEETINGS ORGANIZED

- Class committee meeting conducted for B.Tech and M.Tech courses in CSE.
- PTA meeting for S2, S4 and S6 were conducted on 10/2/18, 14/2/18 and 22/2/18 respectively.
- RA Meeting of Series test 2 and Series test 3 conducted for S2, S4, S6 and S8 CSE.
- University RA Meeting of S3 and S5 CSE were conducted and innovative action plans are planned.



## INDUSTRIAL VISIT OF S2 CSE

The S2 CSE (2017 - 2021) students visited the Industry namely Headrun Technologies Pvt. Ltd. at Bangalore as part of achieving the learning outcomes. The Industrial visit was on 24/3/2018. Ms. Purnima Mathew, Ms. Akhila Mathew, Mr. Sibi Joseph, Mr. Gokulnath & a parent accompanied the students for the industrial visit. The students learned the technology of Web Crawler and related configurations. The students actively participated in the classes and are looking forward for innovations beyond the academics.

## 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 (S6 CSE), Mr. Arjun Govindan & Ms. Varada (S4 CSE)