

# NEWS LETTER

Volume 4

Issue 2



## ACM Chapter Inauguration

ACM, the world's largest educational and scientific computing society, delivers resources that advances computing as a science and a profession. ACM provides the computing fields premier Digital Library and serves its member and computing profession with leading



edge publications, conferences, and carrier resources.

It's great honour and privilege that ACM Chapter was inaugurated by chief guest Dr. Sabu M. Thampi, the ACM chair, Trivandrum on 1<sup>st</sup> April at Msgr. Jacob Varikattu Hall by lightning the lamp which alights the heart of the students & faculty members attended the function.



Mr. Manoj V Thomas ,HOD of CSE Department whole heartedly welcomed everyone to the historic occasion . The presidential address was delivered by Principal Dr. Benny Joseph. During the inaugural speech Dr Sabu M Thampi elaborated on the benefits of being an ACM Member . He motivated the audience to be ACM members and then described the countless opportunities ahead. Rev. Fr Geo Pulikal our chairman addressed the blessing speech for divine sanction & inspiration. The felicitation was presided by administrator, Fr. Jinu vadakkemulanjinal , ACM Faculty sponsor Ms. Divya B and vote of thanks by Ms. Jisna Jayadevan, ACM Chair ,Student chapter .

The session was followed by the expert talk on 'Machine Learning in Cyber Security by Dr. Sabu M Thampi . His views & thought on the topic inspired and motivated everyone. It turned out to be a fruitful interactive session. At last the session was wined up by handing over the Memento to the guest by HoD.

## VIMAL JYOTHI Engineering College

Department of  
Computer Science  
and Engineering

Bi-monthly News Letter  
April, 2016

### 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.

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## Expert Talk On Business Intelligence

CSI organised an expert talk on Business intelligence and data analysis on 22<sup>nd</sup> February . The talk was handled by Mr.Sruthin Sugunan who was a very energetic and experienced personality in this field. He was also an alumni of vjec. Business intelligence is a technology driven process for analysing data and presenting actionable information to help corporate executives, business managers and other end users make more informed business decisions. Also, It can be described as a set of techniques and tools for the acquisition and transformation of raw data into meaningful and useful information for business analysis purposes. The talk was very interesting and students had a valuable time with him. He also shared his experience once he passed out BTECH and the way how he reached to his current position. Besides the topic BI , he supported the students to stick on to the field in which they can excel. The rest is all simple to get employed ,he added .After the session there was an interactive session too which was full-fledged with questions and doubts from student side, which he answered enthusiastically. Mr. Sruthin was very polite throughout which also attracted the students very much . As a token of love and gratitude VJEC presented a memento to the resource person.



## Adieu seniors...

The month of March hosts the farewell of the last year students of Vimal Jyothi Engineering College. This year it was held on 15<sup>th</sup> of March. The day of farewell is always a memorable day to be remembered in all of our



life. The day that we get full fledged freedom in the campus to roam around and cherish the gone days. Each department in the college gathered separately in different halls .Department of CSE also celebrated their farewell with pomp and show. Senior girls were all dressed alike, showing off their unity. Seniors boys were in charming colour dresses.

All were in full delightment and the program began by 10 am. All of the faculty members and the passing out batch gathered and started off to share their experiences, they had in the whole 4 long years!!Some cracked out jokes, but still on the other side they had their emotions flooding out, as they are going to miss their loving colleagues and a most beautiful part of their entire life. Faculties too shared their memorable moments with their students. Beats of the music got them dance up to their toes. Camera flashes and selfies were flashing all over. They stayed up together till evening and returned with a full day of memories.

## You not only reached out for the stars...But, outshined the rest!



Department of CSE congratulates **Ms. RoseMary Sebastian, S8 CSE**, for her splendid achievement in GATE 2016. She has scored 777 and is placed 291 in All India ranking. We are truly proud of you dear. You cannot blend in when you were meant to shine. Be a light throughout your life. Wish you a successful and bright future.

# GATE 2016

Congratulations

## Facing challenges with strength, determination & confidence is what matters, and you have done it...

Department of CSE proudly congratulates, **Mr. Ashwin Raj P, S8 CSE**, who has been selected for **IEEE Computer Society's Richard E. Merwin Student Scholarship**



for 1000\$ in recognition of his exemplary involvement in student chapter activities, excellent academic achievement, and willingness to act as a student ambassador. He is also the Industrial Relations Representative at IEEE Malabar sub-section. Ashwin has got offer letter from InApp, a reputed company from Technopark, Trivandrum. Ashwin we the department, wish you that wherever you go, may success follow...



## INFOSYS PAPER PRESENTATION CONTEST

Eight of our final year students had submitted papers for the contest organized by Infosys, Thiruvananthapuram Development Centre. Among this, the paper, "Whistle Blower" submitted by Mr. George Gregory Jose & Mr. Viswajith Vinod I, was selected for the final presentation held on 22<sup>nd</sup> March, 2016.

## PHP Workshop

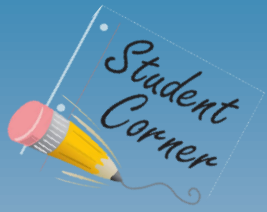
Department of CSE, in association with IEEE CS and CSI, organized a two days workshop on "Web Development using PHP" from 11/3/2016 to 12/3/2016. the session was handled by an Expert Team from Brain bits Solution Ernakulum, The students were provided with a class on HTML ,CSS ,JavaScript ,PHP and MySQL. The two day class has indeed provided enough details about HTML along with its simple overview, and practical examples. The class gave students enough ingredients to start with HTML from



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## PEOs of Department

- I. Graduates will achieve broad and in-depth knowledge of Computer Science and Engineering relating to industrial practices and research to analyze the practical problems and think creatively to generate innovative solutions using appropriate technologies.
- II. Graduates will make valid judgment, synthesize information from a range of sources and communicate them in sound ways appropriate to their discipline.
- III. Graduates will sustain intellectual curiosity and pursue lifelong learning not only in areas that are relevant to Computer Science, but also that are important to society.
- IV. Graduates will adapt to different roles and demonstrate leaderships in global working environment by respecting diversity, professionalism and ethical practices.



## Here is Another Student Community –TEDxVJEC.....

TED –The Technology Entertainment Design is a global community formed with a motto "Ideas Worth Spreading". There has been Several thousands of TED talks happened in various corners of world regarding all levels of topics- may it be innovative, technological, social or what so ever. TEDx is an independently organized TED event which seeks to establish the internationally renowned TED experience locally in institutions, universities ,public grounds or libraries with an intention to change the lives of public by presenting eminent speakers from various grounds who have real power to motivate the audients with their powerful speeches. Moreover at TEDx TED talks and videos also combine to spark deep discussion and connection in a small group.

TEDXVJEC believe passionately in the power of ideas to change attitudes, lives and, ultimately, the world. It is a community of around 15 S6 students chosen from different departments. As a stepping stone to get this community well established, here in VJEC ,the Core team has attended a TEDx event at PES Institute Bangalore on March 2016. At present the

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## RIP TO THE FATHER OF E-MAIL...

Electronic Mail- Email- as it is known in its short form is a very indispensable invention of all times. Sending and receiving of large dates would not be possible without Emails. Mailing through the network helps to send the data faster and more accurately. Admits this it is also a crucial part to know about its inventor, Ray Tomlinson. He was a real computing legend, as one can say.

But the demise of Roy Tomlinson was a great loss to the IT industry. The inventor of email, Ray Tomlinson, suffered an apparent heart attack on Saturday, according to reports. He was 74 years old.



Tomlinson sent the very first email back in 1971; at the time, he was working in Boston at Bolt, Bernanke, and Newman (BBN), a company that was instrumental in the development of a very early version of the internet, called ARPANET.

Others had thought about sending messages to other users before, and there were some early versions that let you share notes to users on the same computer, but Tomlinson came up with the SNDMSG command. Unlike what came before it, SNDMSG actually sent mail files to the recipient's computers. It was the first networked messaging program.

He also decided to use the '@' symbol to designate a user from its host. The decision lifted the humble symbol from obscurity to international icon — it even entered MOMA's collection in 2010. The fact it was little-used at the time made it appealing to Tomlinson, as it reduced ambiguity. Also, as he liked to say, "It's the only preposition on the keyboard."

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## PHP Workshop

Students were also given a chance to develop their own application at the end of the workshop. The class was fruitful in the sense that it included all the basic components needed to design a simple web application. The students were really happy to attend such class which could help them in creating web applications

where they can take which is one of core field for a computer science themselves at higher level of expertise.



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## TEDx VJEC

team is preparing themselves to get a licence from TED for conducting events at VJEC the coming academic year. TEDxVJEC will undoubtedly be a worthy community for student organizers who can develop their communication skills, and mostly by being a part can develop team spirit and other qualities. Students will find a platform to get inspired as well as to inspire others with their talks

### Editorial Board

#### Student Support:

Ms. Rizwana –S6 CSE  
Ms. Priyanka - S6 CSE  
Ms. Lakshmi—s6 CSE

#### Staff Support:

Ms. Divya B , AP ,CSE  
Mr. Midhun TP , AP ,CSE

## 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.-A4

### PROGRAM SPECIFIC OUTCOMES (PSOs)

- 1.** An ability to apply development principles to analyze 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 modeling and design of computer-based systems in a way that demonstrates comprehension of the trade-offs involved in design choices.