NEWSLETTER

VIMAL JYOTHI ENGINEERING COLLEGE

Department of Computer Science and Engineering

Bimonthly Newsletter August 2017

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.
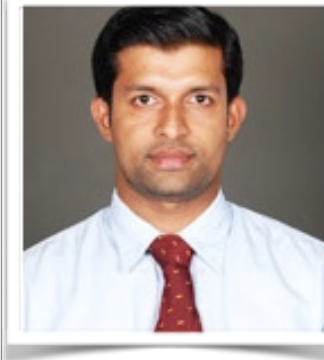
Mission

To promote all-round 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.

HOD Desk

In the beginning of this new academic year, I feel enthusiastic to be with the staff and students of CSE Department. Let me note that the Department is all prepared to meet the new academic year with passion and innovation. Few of the faculty have joined CSE department, I welcome them to the department for a bright career and future. In this year, we are planning to have lots of opportunities for students to showcase their talents and skills. The students are made industry ready by providing them workshops and training them in latest technologies of computer science along with other soft skill trainings.

Dear students, I am sure that the various academic activities in the Department will inspire and motivate you to achieve greater heights in technical as well as extra-curricular activities. I also welcome the new batch of students to CSE department, who are the budding stars at VJEC. I am sure they will be professional in their trade of skill. Let's all work hard to achieve our real goal of moulding world-class computer science professionals who contribute to the development of the society and the nation.

Best wishes for a happy and fruitful academic year!

Mr. Manoj V Thomas
B.Tech, M.Tech (Ph.D), Associate Professor (HoD)

JYOTHIRGAMAYA 2017

VJEC is blessed with another group of talented students. The Vimal Jyothi family welcomed the students

NBA Visit to College

The CSE department had a NBA Expert visit from 4th August 2017 to 6th August 2017. The faculty and students had an opportunity to learn new things and also witness the NBA visit program.

KTU Academic Audit

The CSE Department had a KTU Academic Audit for scrutinising the quality of academic for KTU courses. The audit gave the faculty the insight on the various documentation and file to be maintained at the department as part of the KTU Academics. It was held in the month of May 2017.

FDPs and Workshops

Ms. Derroll David and Ms. Anisha Joseph have attended five days workshop on 'Big Data and Data Analytics' at Srinivas Institute of Technology, Mangalore from 3rd July 2017 to 7th July 2017.Ms. Asha Baby and Ms. Neethu George have attended

through Jyothirgamaya 2017. The Arch bishop of Thalassery, Mar George Njaralakka was the Chief Guest of the day. The students took part in the oath taking ceremony with lighted candles. As a token of recognition and appreciation, the toppers of each class were awarded for their excellence. The freshers joined the college on 17th July 2017. Computer Science and Engineering branch had an intake of 59 students out of 60 sanctioned.

WORKSHOP ON INTRODUCTION TO MACHINE LEARNING

Department of CSE arranged a one day workshop on 18 August 2017. The resource person, Mr. Praveen Sreedhar from Datalog.ai Pvt. Ltd. conducted the workshop. The program was co-ordinated by Ms. Divya B. The workshop participants were M.tech CSE and selected students from S5 CSE.

three days workshop on 'Train the Trainer Program on Python and Python Database Intergration' conducted by Infosys Ltd. at Sahridaya College of Engineering and Technology, Thrissur from 28th June 2017 to 30th June 2017.

Ms. Divya B, Ms. Neena V V and Ms. Ancy K Sunny have attended five days workshop on 'Database programming with PL/SQL' conducted by Oracle Academy in association with ICT Academy at PSG iTech from 15 May 2017 to 19 May 2017.

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Mr. Sunder V and Ms. Vidhya S S have attended five days workshop on 'Database programming with PL/SQL' conducted by Oracle Academy in association with ICT Academy at Kamaraj College of Engineering, Madurai from 22 May 2017 to 26 May 2017.

BID FAREWELL TO DEAR FACULTY

We the department of CSE bid farewell to our dear colleagues with a hearty pain to Mr. Anoop Jose, Mr. Midhun T P and Mr. Prasanthkumar P V. During their span of working in Vimal jyothi they worked hard for the department's name and were the backbone for our department. They worked hard in all sectors, for the department growth and is not restricted to any domain of work while at VJEC. We wish them all success in their future life and career.

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 specialisation 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, re- sources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

Welcome to Department

B.Tech (IT), M.tech (Network Engineering)

B.Tech (CSE), M.tech (CSE)

B.Tech (CSE), M.tech (Computer Science and Information Systems)

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 e effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. 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.

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 analyze and design complex soft- ware 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's involved in design choices.

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