ESPERANZA
NEWSLETTER
DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

VIMAL JYOTHI ENGINEERING COLLEGE

Department of Computer Science and Engineering Bimonthly Newsletter April 2019

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.

NAAC VISIT

NAAC team visited the college on 12/3/2019 and 13/3/2019. The Department of CSE arranged all the departmental documentation related to the visit. All the dignitaries from the NAAC team along with Management, Dr. Benny Joseph (Principal) and Dr. Manoj V Thomas, (HoD CSE) visited the department.

ANNUAL TECHFEST - SRISHTI 2K19

The Department of CSE conducted the techfest ENIGMA 2K19 in association with SRISHTI 2K19. Dr. Manoj V Thomas (HoD CSE) was the

IRPS Funded Project

Student project named "e-Passport using Blockchain" was funding by IRPS. The student teams are Mr. Vishnu Pradeep, Ms. Abhina AnilKumar, Ms. Amala Sebastine and Ms. Keerthana. The project is guided by Dr. Manoj V Thomas, Professor and HoD of CSE.

Farewell to Faculty

Ms. Purnima Mathew and Ms. Anjana K P bid farewell from the department. Thanks for your enthusiastic work during your time at the department at VJEC.

GATE Qualified

Ms. Ancy K Sunny AP in department of CSE and Mr. Shufaid of S8 CSE qualified the GATE examination 2019.

RedHat Training Started

Mr. Jilson P Jose have started the RedHat training for faculty and students on 01/4/2019. The classes running successfully and as part of the outcome of this program the participant will be able to get certified for this course after attending their examination.

main coordinator of the Annual Techfest 2K19. Ms. Derroll David and Ms. Keerthijith P was the department coordinators. Various events were conducted at the department and a fabulous Technical exhibition was also conducted. The program was on 30/3/2019.

WORKSHOP ON WEB DEVELOPMENT - IEDC

Department of CSE arranged a three days workshop from 19/3/2019 to 21/3/2019. The resource persons were the students of S6 CSE, VJEC. The program was co-ordinated by Ms. Anisha Joseph AP in CSE.

INDUSTRIAL VISIT OF S6 CSE

The students of S6 CSE visited Kodaikanal Solar Observatory on 23/3/2019. Ms. Divya B and Ms. Vidhya S S accompanied the students. The students were able to get a real time industrial exposure from the visited.

CAMPUS PLACEMENT

Ms. Abhina and Ms. Anjulia got placed in Infosys campus drive held at MBIT Kothamangala

ORACLE CERTIFICATION

Around 31 students from S6 CSE have been issued with Oracle Academy - Programming with PL/SQL certificate. The students will be able to score activity points for KTU as part of this program.

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.

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.

EDITORIAL BOARD

Staff Editor : Ms. Derroll David, AP in CSE

Student Support:

Mr. Vishnu Pradeep & Ms. Sincy (S8 CSE), Mr. Arjun Govindan & Ms.Varada (S6 CSE)