ESPERANZA
NEWSLETTER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VIMAL JYOTHI ENGINEERING COLLEGE

Department of Computer Science and Engineering Bimonthly Newsletter February 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.

WORKSHOP ON JAVA PROGRAMMING AND DATABASE

Department of CSE arranged a three days workshop from 22/01/2019 to 24/01/2019. The resource persons, Ms. Divya B and Mr. Jilson P Jose from VJEC conducted the workshop. The program was co-ordinated by Ms. Ancy K Sunny, Ms. Anjana Baby and Ms. Purnima Mathew of CSE.

PROJECT PRESENTATION

The S8 CSE students Ms. Sincy Joseph, Ms. Navya Francis, Ms. Anju John and Ms. Binsi Farha presented their main project "Intravenous Drip

Funded Projects

Ms. Asha Baby (AP in CSE) and S8 CSE students namely Ms. Sincy Joseph, Ms. Navya Francis, Ms. Anju John and Ms. Binsi Farha got project funding for their main project from KSCSTE.

Ms. Jeethu V Devasia (AP in CSE) and S8 CSE students namely Abhilash Sivasankar, Akash P, Deepak Dileep Kumar K and Eby Saju applied for KSCSTE funding under the student project scheme. The project entitled with "e-Lottery system using blockchain". Ms. Jeethu V Devasia (AP in CSE) and team applied for KTU-FDP funding under KTU FDP. The proposal is entitled with "FDP on Mathematical Foundation of Machine Learning".

FDP Attended

Ms. Asha Baby attended two days Faculty Development Program on "Data Mining and Data Warehousing" at SNGIST parador on 10/12/2018.

Ms. Keerthijith P attended five days Faculty Development Program on "Compiler Design" from 17/12/18 to 21/12/18 at Amal Jyothi Engineering College.

Students Achievements

Ms. Abhina Anilkumar grabbed on opportunity to be an intern at BOT IOT.

Ms. Anusha Jiji of S8 CSE was provided travel grant as part of the invitation to attend IEEE VI committee 2019 held at Portugal.

Monitoring System in Smart Hospital using IOT" at Government Engineering College, Thrissur as part of the TECHFEST conducted on 12 Feb '19 and 13 Feb '19. The project was guided by Ms. Asha Baby, Assistant Professor of CSE. The project proposal also got funding approval from KSCSTE for an amount of Rs 10,000/-.

WORKSHOP ON INTRODUCTION TO IOT

Department of CSE arranged a three days workshop from 09/12/2018 to 11/12/2018. The resource persons, Mr. Alex M Sunny and Mr. Robin Kannattu Thomas from Astrek Innovations Pvt. Ltd., Kochi conducted the workshop. The program was co-ordinated by Ms. Anjana K P and Sr. Jisha C T.

ACM ANNUAL EVENT 2019

Ms. Ann Mary, Ms Bindya, Ms. Niveditha V Nair, Ms Varada M V, Mr. Ajay Joy and Mr. Nijil P T of S6 CSE along with Ms. Divya B, Assoc. Professor of CSE attended ACM Annual Event 2019 held at Rajagiri Business School on 8th Feb 2019. The event was organized by ACM Cochin Professional Chapter in association with Rajagiri School of Engineering. and Techology, Cochin.

CAMPUS PLACEMENT

- Mr. Shufaid T from S8 CSE got placed in Amazon.

- Mr. Vishnu Pradeep and Mr. Akhil Paul from S8 CSE got placed in Poornam Info Tech.

- Ms. Abhina Anilkumar and Ms. Fathima Sherin from S8 CSE got placed in FACE Academy.

- Ms. Keerthana and Ms. Varada Vishnu from S8 CSE got placed in Agile.

- Ms. Abhina Anilkumar from S8 CSE got placed in BOLT-IOT.

REDHAT ACADEMY CERTIFICATION

Mr. Jilson P Jose, Assistant Professor of CSE attained RHCSA - RHEL7 certification from RedHat Academy after the 15 days training program at Prodevans, Bangalore held on 26/12/2018.

EXTERNAL EVENT PARTICIPATION

Mr. Abhilash Sivasankar, Mr. Deepak Dileep, Mr. Akash P of S8 CSE participated in the workshop on Blockchain Technology held at Mahatma Gandhi College, Iritty at 29/1/19.

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)