



STUDENT ACHIEVEMENTS/ FACULTY PUBLICATION



CODE MARATHON - PROGRAMMING CLUB CONTEST



RED HAT CERTIFIED FACULTY



INDUSTRIAL VISIT

# ESPERANZA NEWSLETTER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CODING MARATHON – 1

*Programming Club of CSE organized Coding Marathon competition. The event was conducted on 24.01.2020. The winners for the competition are Mr. Joel Baby (S4 CSE), Mr. Abhijith Gopinath (S4, CSE), Mr. Rahnas K T (S2 CSE A), Mr. Dheeraj K (S2 CSE A).*

Date of Event:  
24-01-2020



RAHNAS K T  
S2 CSE A



JOEL BABY  
S4 CSE



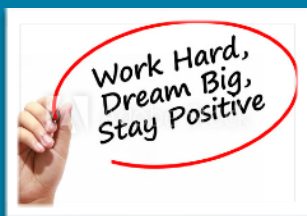
ABHIJITH GOPINATH  
S4 CSE



DHEERAJ K  
S2 CSE A

Best wishes from Programming Club





## 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 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

## Faculty Publications

- Ms. Shilpa George and Ms. Akhila Mathew published a paper on "Emerging Techniques and Trends in DNA Cryptography" in Journal of Computer Technology & Application, ISSN:2229-6964(online), ISSN:2347-7229(Print).

**"The harder you work for something, the greater you'll feel when you achieve it"**



**Ms. Anisha Joseph.**  
**Assistant Professor**



**Ms. Keerthijith. P**  
**Assistant Professor**

We are extremely proud to announce that two of our faculty members Ms. Anisha Joseph and Ms. Keerthijith P cleared the Red Hat Certified System Administrator (RHCSA) course. Altogether 4 faculty and seven students of our department cleared the Red Hat Certified System Administrator (RHCSA) course. Mr. Jilson P. Jose, Assistant Professor, CSE was the course instructor.

## PAKALPOORAM - COLLEGE ARTS 2020

*Pakalpooram was one of the best celebrations recently witnessed by Vimal Jyothi. Hearty congratulations to staff and student coordinators. The fest gained its full energy with the wholehearted participations of our students. Students of each semester gave their best for every event they participated.*



### CSI OFFICE BEARERS

*For the academic year 2019-2020 seven students from various batches elected as CSI office bearers.*



**Chairman**  
**Mr. Sajin Haridas (S6 CSE)**



**Vice- Chair**  
**Ms. Maria T. V. (S4 CSE)**



**Secretary**  
**Ms. Devika K. (S6 CSE)**



**Joint Secretary**  
**Mr. Ajay Joy (S4 CSE)**



**Membership Development Officer**  
**Mr. Aromal Joseph K. M. (S6 CSE)**



**Treasurer**  
**Mr. Aalap Ragesh (S1 CSE)**



**Creative Head**  
**Mr. Adwaid M. (S1 CSE)**

## INDUSTRIAL VISIT

*Industrial visit of the CSE department happened from 4th - 7th October 2019. S3 and S7 students visited "National Centre for Polar and Ocean Research" (NCPOR), Goa. S5 Students visited "Fresh and Nice Foods", Goa. Students had a wonderful experience. They learned and enjoyed a lot.*

# S7 CSE



# S5 CSE



# S3 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.

### PROGRAM SPECIFIC OUTCOMES (PSOs)

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

### EDITORIAL BOARD

**STAFF EDITOR : Ms. ACHALA PRASAD, AP, CSE**

**STUDENT EDITOR : Mr. AKSHAY MOHAN & Mr. AGIN CHANDRAN (S6 CSE)**