Department of CSE

ESPERANZA

VJEC
KANNUR

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 longterm 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.

INSIDE THIS ISSUE:

COMPUTER SCIENCE & ENGINEERING

HOD'S DESK

DEPARTMENT OF CSE

> **"A leader is one who knows the way, goes the way, and shows the way"**
>
> **- John C Maxwell**

On behalf of the Department of Computer Science and Engineering (CSE), we would like to extend our heartfelt condolences on the passing of our founder chairman, Msgr. Mathew M Chalil. Chalilachan was an exceptional leader who inspired all those who had the privilege of working with him. His guidance and support were invaluable, and he has left behind a legacy that we will always cherish and strive to emulate. It was an honor to have worked alongside such a remarkable personality, and his absence will be felt deeply.

As we grieve his loss, we take comfort in the memories he has left us with, and we remain committed to upholding his vision and ensuring that his influence continues to guide and inspire our department.

While we will miss Chalilachan greatly, we are grateful for his contributions to our institution and his impact on all those who knew him. His legacy will continue to live on through our work and our dedication to excellence.

The faculty members and students have put in a lot of effort to release the latest issue of our Newsletter, Esperanza. This issue contains the most significant events and achievements of our department for the last two months. We hope that you enjoy reading it!

✝

Heartfelt Condolences In the loving memory of our Founder Chairman Msgr. Mathew M Chalil

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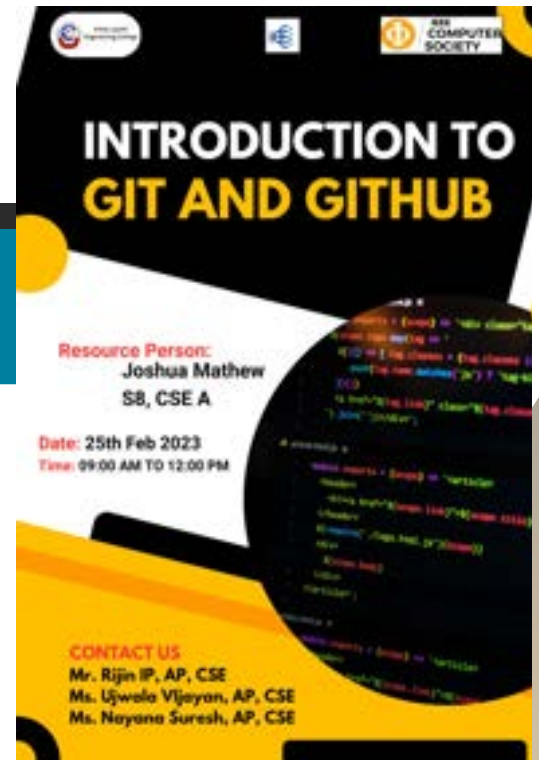
മോൺ. മാത്യു എം ചാലിൽ

(സ്ഥാപക ചെയർമാൻ)

VIMAL JYOTHI
INSTITUTIONS CHEMPERI KANNUR

1938 - 2023

WORKSHOP

IEEE Computer Society is organizing a workshop on "Introduction to Git and GitHub".

"An Awareness program on: Red Hat and it's importance" To give an introduction about RedHat certification courses and Job opportunities after each certification.

ACM Student Chapter workshop, "Upskill yourself to new technologies during semester break" for S6 CSE students.

ADD-ON COURSE

Student Achievements

Unnati Mahotsav 2023 to be held at IIT Delhi on 17th and 18th March 2023.

Participants: Fr. Lazar Varambakathu
                  Ms. Vidhya S S (AP, CSE)
                  Mr. Alan Jyothis Thomas (S6 B)

The THRIVE (Tribal Higher Education and Interactive Ventures for Excellence) programme is a project organized and coordinated by District Development Commissioner, Kannur. Vimal Jyothi has got an opportunity to be one of the coordinating members of THRIVE project. A meeting was held at Kannur and decided to select 10 students as volunteers of the programme.

EVERY ACHIEVEMENT IS A SERVITUDE. IT COMPELS US TO A HIGHER ACHIEVEMENT.
- ALBERT CAMUS

Industrial Visit

Students Visited IT industries on April 10 2023.

First Advisory Meetings
2023 FEBRUARY

"Together, ordinary people can achieve extraordinary results"
- Becka Schoettle

The Advisory meetings were conducted on the following dates.

S8 - 10th February 2023
S4 - 10th February 2023
S6 - 20th February 2023

Second Advisory Meetings
2023 FEBRUARY

The Advisory meetings were conducted on the following dates.

S8 - 29th March 2023

"
The only person who is educated is the one who has learned how to learn ...and change.

Carl Rogers

Ms. Divya B and Ms. Neena V V became Wipro Ceritified Faculty after taking up the TalentNext Wipro Certified Faculty Assessment.

Congratulations!

Ms. Divya B

Ms. Neena V V

Tomorrow's World Through Today's Education

FDP

The following faculties are Participated in FDP on, "Distributed Computing", organized by Department of Computer Science and Engineering at Sree Narayana Gurukulam College of Engineering.

Mr. Rijin I K
Ms. Dinsha P K
Ms. Ujwala Vijayan

Dr. Jeethu V Devasia attended Microsoft, SAP & AICTE ATAL led Faculty Development Program on "Cloud Computing" under TechSaksham Program.

Ms. Dinsha P K & Ms. Rahna C M attended "FDP on software testing" conducted by Indhiragandhi institute of polytechnic and engineering

WORKSHOPS / WEBINAR

Ms. Dinsha P K attended International Webinar on demistifying colud, containers & Automation. Also attended the "Practical workshop on Reinforcement learning" conducted by NIT calicut

New Faces

Ms. Liji Merlin Kurian
Assistant Professor

Ms. Ashila K A
Assistant Professor

Ms. Lijisha
Assistant Professor

PROGRAM OUTCOMES

- **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering Fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **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.
- **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.
- **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.
- **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.
- **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.
- **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.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **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.
- **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.
- **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

- An ability to apply development principles to analyze and design complex software and systems containing hardware and software components of varying complexity.

- 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.

PROGRAM EDUCATIONAL OBJECTIVES

- 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.

- Graduates will make valid judgement, synthesize information from a range of sources and communicate them in sound ways appropriate to their discipline.

- 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.

- Graduates will adapt to different roles and demonstrate leaderships in global writing environment by respecting diversity, professionalism and ethical practices.

Women Cell
Inauguration

Wednesday
09:30am | 08 | March
2023

Venue: Varikkattu Hall

8
MARCH
INTERNATIONAL
WOMEN'S
DAY

THE EDITORIAL BOARD

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Assistant Professor

Student Editor

Dalven Jose S6 CSE A