DEPARTMENT OF CSE

ESPERANZA

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2023

VIMAL JYOTHI ENGINEERING COLLEGE
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 projectswhich 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:

HOD'S DESK

Dear Readers,

Wishing you a festive season filled with joy, laughter, and cherished moments, and a New Year brimming with success, good health, and boundless opportunities! Once again I wish you a Merry X-mas & a Happy New Year !

As we approach the end of another successful semester, I am pleased to share some noteworthy updates and achievements from our department. I would like to take this opportunity to congratulate the toppers of our latest university results. I would also like to applaud the elected union members from the department.

Let me take this moment to appreciate the team effort of all the faculty members in completing the internal audit successfully. The department had organized various activities to bridge the gap between the program outcomes, defined by NBA, and the curriculum.

This month we successfully organized our annual National Level Techfest, Tantra '23. This would not have been possible without the support and cooperation from the core and event coordinators (both faculty as well as students). This issue of Esperanza showcases the glimpses of Tantra'23.

Dr. Jeethu V Devasia, previous HoD, had bid farewell to the department. Let me take this opportunity to wish her a bright future ahead.

Ms. Divya B

BRIDGE THE GAP:

Programming Club CSE organizes Bridge the Gap: Learn DS & Algorithms. To develop interest in programming among students.

VIMAL JYOTHI ENGINEERING COLLEGE

PROGRAMMING CLUB PRESENTS

**BRIDGE THE GAP:
LEARN DS & ALGORITHMS.**

FOR **S3 CSE**
ON **27, 30, 31 OCT 1, 2, 3 NOV 2023**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONVENER	COORDINATOR	STUDENT COORDINATOR
MS. DIVYA B HOD CSE	MS. SREERAJI NARAYANAN DEPT. CSE	ABHAY KV AMEESHA P JOSEPH S5 CSE

"If you want to create and be a visionary, you're probably going to be working with technology in some way."

"The value in learning computer science is pretty evident with how important tech is in our world."

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
2021-2025 CSE A BATCH
S4 EXAMINATION
TOPPERS

AKASH SANTHOSH
SGPA 9.73

ASHIK JHONSON
SGPA 8.86

SEETHA LAKSHMI K A P
SGPA 9

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
2021-2025 CSE C BATCH
S4 EXAMINATION
TOPPERS

SANGEETHA RAMAKRISHNAN
SGPA 9

AMEESHA JOSEPH
SGPA 8.91

ABHINAV P P
SGPA 8.55

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FOURTH SEMESTER UNIVERSITY EXAM TOPPERS

BATCH B

Aleena N
VML21CS036
9.77

Avanthika Kakkadan
VML21CS077
9.77

Justin James Thomas
VML21CS110
9.18

Nandana Saji
VML21CS132
9.18

Jerin K Saju
VML21CS101
8.77

Congratulations!

COLLEGE UNION ELECTION

SONA K V – S7 CSE B
UUC

ADARSH JOHNSON
S5 CSE B – UUC

FAHMI M
S5 CSE C
UG REPRESENTATIVE (CSE)

Congratulations!

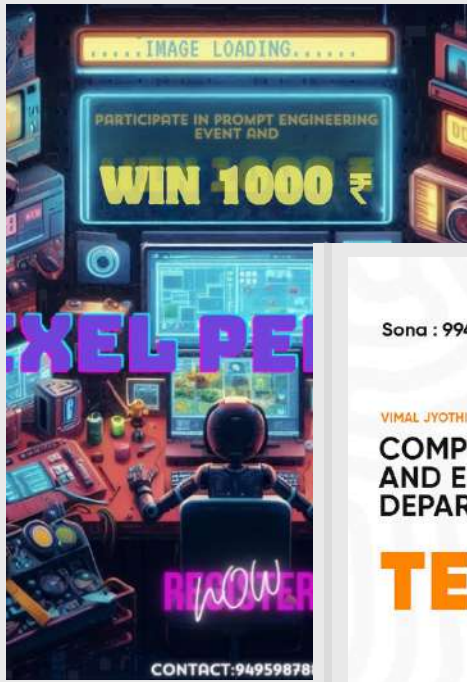# FAREWELL

TANTRA'23

The Department of CSE organized 24 events for the National-level Tech fest "COLOSSUS" in collaboration with TANTRA'23 on December 4, 2023.

IMAGE LOADING

PARTICIPATE IN PROMPT ENGINEERING EVENT AND

WIN 1000 ₹

XEL PE

RePOWER

CONTACT:949598788

Sona : 9947102198

VIMAL JYOTHI ENGINEERING COLLEGE KANNUR

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT'S

TECHWIZ

Admin Block
Second Floor
Computer Centre
12:00PM

CYBER RELAY
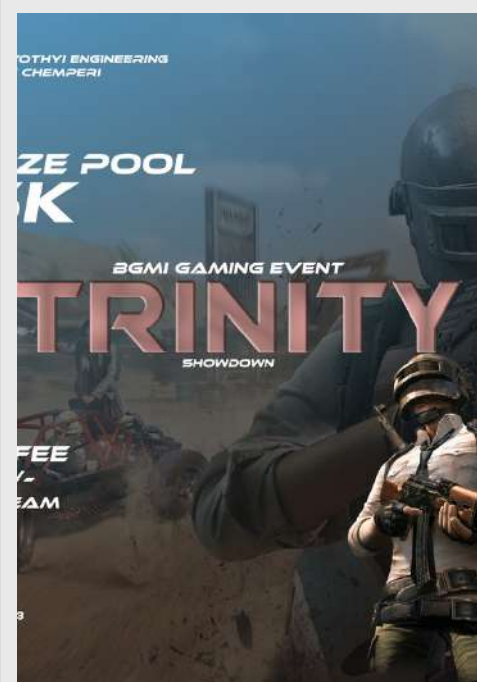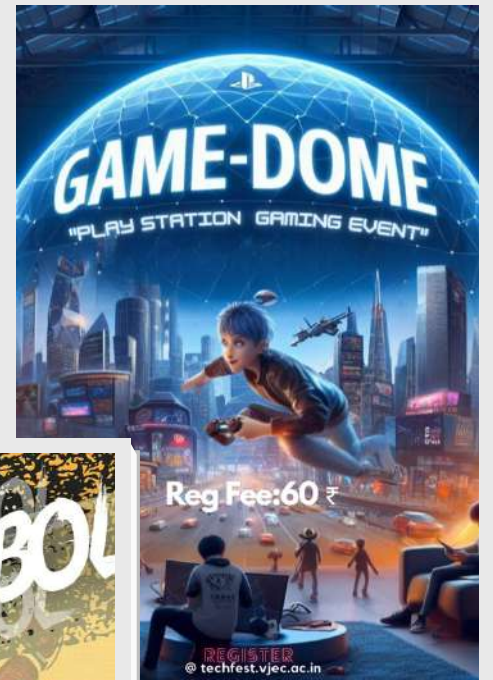
About Cyber security and
Ethical hacking

THICAL ACKIN

Mr.Farhan Bin Fazil
Certified Ethical Hacker
MALLU DISCOVERY TV

MONDAY | 04 DEC 2023 | 10 AM

Early bird: 49 ₹
Regular: 99 ₹

REGISTER NOW

"EL ESPECTÁCULO"

Presents

VERY ENTERTAINMENT EVENT
RELATED TO GUESSING

.....PEAK ENTERTAINMENT.......

CTRL+CREATE

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ASSEMBLIN

WIN RS 1000

techfest.vjec.ac.in

GAME-DOME
"PLAY STATION GAMING EVENT"

Reg Fee:60 ₹

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@ techfest.vjec.ac.in

ECHTOPI

PC

REGISTER
@ techfest.vjec.ac.in

E-FUTBOL

M.TECH CLASSROOM,ADMIN BLOCK
FLOOR

11:45 AM

9946302636 , 7306790643

YOTHYI ENGINEERING
CHEMPERI

ZE POOL
5K

BGMI GAMING EVENT

TRINITY
SHOWDOWN

FEE
/-
EAM

DEPARTMET ACHIEVEMENTS

FDP

Ms. Divya K successfully completed Six days Faculty Development Programme on "FUTURE DIRECTION IN IMAGE PROCESSING" organized by Department of Electronics and Communication Engineering, SRM Institute of Science and Technology, Vadapalani campus, Chennai

Mr. Rijin I K successfully completed two day Online Faculty Development Program on Machine Learning with TensorFlow from 06 November 2023 to 07 November 2023 executed by SmartBridge with support from India Edu Program by Google for Developers.

A dream becomes a goal when action is taken toward its achievement.

ACADEMIC AUDIT

A comprehensive Internal academic audit has been undertaken within the department.

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.

Merry Christmas

And Happy New Year

The Editorial Board

STAFF EDITOR

Ms. Sreelakshmi M
Assistant Professor

STUDENT EDITOR

Mr. Dalven Jose
S7 CSE A