

### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

# Bits Bytes

NEWS LETTER
ODD SEM 2022-23

MEA ENGINEERING COLLEGE







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#### **MEA Engineering College**

#### **Vision**

To provide top class education to the community by achieving excellence in engineering education and mould world class engineers with competence, integrity and social commitment.

#### **Mission**

To provide the best faculty ,excellent infrastructure, commendable facilities for excellent academic ambiance to encourage research and development and to strengthen employability and campus placements.

#### **About Our Department**

The Department of Computer Science & Engineering at MEA Engineering College was established in 2002 as part of the University of Calicut, but is now affiliated with APJ Abdul Kalam Technological University (APJAKTU).

Over time, the department has become a leading center for technical education and research, with a talented faculty and well-equipped workstations. The B.TECH. Computer Science and Engineering program focuses on both hardware and software design and development, as well as various software packages. The curriculum also covers topics such as computer miniaturization, audio and video processing, data storage and retrieval, compiler construction, operating system design, computer graphics, computer architecture, and microprocessor-based design. The department currently has five different laboratories, including a research lab and common computing labs. Each lab is designed to hold 30 to 60 students per session and is equipped with modern computer systems and peripherals, totaling over 180 computers.

The department has many associations such as TACS (Technical Association for Cyber Streams), CSI (Computer Society of India), WWW (Women Welfare Wing), IIIC (Industry Institute Interaction Cell) and IEEE Computer Society.

#### **Vision**

The Computer Science and Engineering department is committed to provide an educational environment in order to develop professionals with strong technical skills and aptitude towards the research and entrepreneurship.

#### **Mission**

- To impart quality education to the aspiring students for improving their level of confidence to solve various engineering problems.
- To deliver a perfect blend of technical and soft skills for creating competent computer engineers with professional and ethical values.
- To cultivate an environment of intellectual growth in pursuit of academic and research activities.

#### **Program Educational Objectives (PEO)**

- To make our graduates work productively as Computer Engineers by applying appropriate models / technical tools to develop their solutions
- To encourage team management skills with cross-cultural etiquette to deliver projects with varied complexity.
- To facilitate the graduates to reach stratum of excellence through life-long learning
- To bring harness with society by sensitizing the students towards issues of social relevance and to introduce them to professional ethics and practice.

## PYTHON WORKSHOP & INTRODUCTION TO LINUX

The "Python Workshop" was held on October 10, 2022 by the Department of Computer Science and Engineering. The workshop was directed by Mr. Shanid Malayil, an associate professor at MEA Engineering College. The purpose of the event was to familiarize participants with Python's foundations and available operations. Participants will learn Python programming and how to create projects independently.The workshop comprises projects at the industry level. Mr. Mohammad Rasheen K of S7 CSE1, Mr. Shanid Malayil, Assistant Professor, and Mr. Muhammad Suhair K served as the program's coordinators.



On October 17th 2022, the Department of Computer Science and Engineering presented the workshop "Linux Commands Series". Mr. Sreekesh Namboothiri T, Assistant Professor at MEA Engineering College, led the session. The event is coordinated by Mr. Muhammad Suhair, Mrs. Nahan Rahman were the Assistant Professors at MEA Engineering College and Mr. Mohammad Rasheen K,S7 CSE 1. The session deals with the introduction and overview of Operating Systems and Linux Command Basics. It explains the three major Types of Operating Systems & Their Pros & Cons, Understanding the Fundamentals of Linux Commands to Take Control of Your System.



# CAREER GUIDANCE & GATE-2023 ORIENTATION PROGRAM

On November 4, 2022, the Department of Computer Science and Engineering, in collaboration with Info Campus inspiring the Future, presented the "Career Orientation Programme." Mr. Sameer Babu, Technical Lead at Cloud Security and Legato Health Services, managed the session. The purpose of the workshop was to educate students on the numerous facets of networking and administration in the information technology field as well as on guaranteed scholarships, aptitude exams, and soft skills for job interviews.



Career counseling is an essential component of any job search, and it is much more critical in today's industry, which is always evolving. It supports maintaining motivation throughout the process and enables people to make well-informed decisions regarding their professional trajectories. Mr. Muhammad Suhair K, Mrs. Nahan Rahman and Mr. Mohammad Rasheen K of S7 CSE1 were the programme coordinators.

For final-year students (2019-2023) in computer science and engineering, the Department of Computer Science and Engineering launched the "Gate-2023" crash course programme" on October 2022, in collaboration with the Computer Society of India (CSI). On September 16, 2022, the department held a Gate-2023 Orientation programme as part of the programme. The program's major goal is to support our students' abilities to pursue higher education and find employment. Prof.Murshida.K.P. Assistant Professor in Computer Science and Engineering accompanied Prof.Baiju B S. PRO & Placement Officer in leading the session. The programme provides information on the Gate examination and the advantages of passing it. The programme has successfully ended with active participation of 40 students.



#### **JOBIFIED**

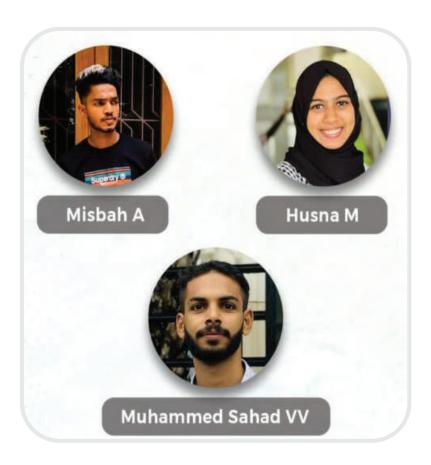
#### - AN INITIATIVE FROM TALROP

As a part of Talrop's 10,000 jobs mission project an orientation was conducted for the first year students of MEA Engineering College, Perinthalmanna, and 25 students were selected for this mission through an interview. During the first year, training under expert engineers will be given by Talrop's education platform, Steyp for the selected students. After completion of training, students will be given the chance to work on real-world projects part time, get real industry experience and start earning income from them. After the successful completion of Talrop's job mission and graduation 100% placement is assured by Talrop.



#### **PLACEMENTS**

















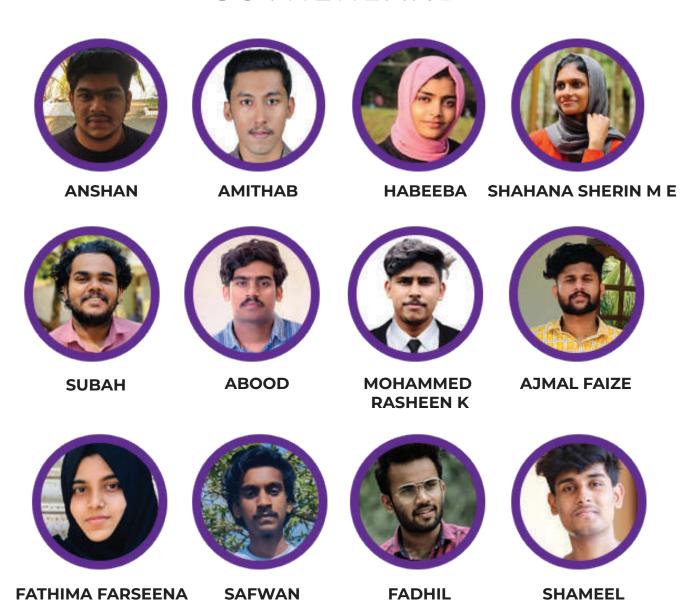
#### **PLACEMENTS**





#### **PLACEMENTS**

# SUTHERLAND



#### **ACHIEVEMENTS**



**MOHAMMED MARWAN** 

The Student Entrepreneurship Award for Best Innovative Project from **DEPT OF INDUSTRIES & COMMERCE** GOVT OF KERALA.



AHMAD YASEEN

Won District Level Hackathon organised by KERALA STARTUP MISSION.

#### **ENTREPRENEURSHIP**

#### TREADEVS



AHMAD YASEEN K



**HANAN M** 



ABDUL SAMAD CP



ARSHAD

 $\mathsf{T}_{\mathsf{reaDevs}}$ , a software company that specializes in website development, mobile app development, graphic designing, and e-learning technology.





FARIS BASHA T M



**HASHIM P** 



ASHHAR ALI K



**ARSHAD** 

AppTric Dev is a highly skilled community comprised of web designers, developers and marketing experts.

#### **SARGA - TECHFEST WINNERS**

(10<sup>TH</sup> & 11<sup>TH</sup> DECEMBER 2022)

#### WEB TESTING COMPETITON



SINAN A K



P K HARSHA



MOHAMMED FARSEEN K K

#### **CODING COMPETITION**



MOHAMMED SAHAD V V



**NISHAL N M** 

#### **TREASURE HUNT**



**FATHIMA FANOON** 



**KADEEJA AMNA** 



AJNA P T

#### **CRIME INVESTIGATION**



MISAHAB V



MOHAMED SHAHEEM



YOU ARE DEFINED NOT JUST BY YOUR CAPABILITIES, BUT BY THE CHOICES YOU MAKE.

~SATYA NADELLA



2021-22 NEWSLETTER RELEASE

