

DEPARTMENT OF
**COMPUTER SCIENCE
& ENGINEERING**

& Bits Bytes

NEWS LETTER
EVEN SEM 2022-23



MEA ENGINEERING COLLEGE
PERINTHALMANNA

VENGOOR - PATTIKKAD P.O., PERINTHALMANNA, MALAPPURAM DISTRICT, KERALA - PIN 679325



COMPUTER SCIENCE AND ENGINEERING DEPARTMENT EARNS 3-YEAR NBA REACCREDITATION

We're thrilled to announce that MEA Engineering College's Department of Computer Science and Engineering has secured reaccreditation from the National Board of Accreditation (NBA) for the years 2023-2026.

Why It Matters:

- >NBA accreditation signifies excellence in education.
- >It acknowledges our commitment to quality and relevance.
- >Highlights include a dynamic curriculum, expert faculty, and industry collaborations.
- >Research and innovation continue to thrive.

This achievement reinforces our dedication to providing top-notch education and preparing students for successful careers in the tech world.

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.

Message from HOD



DR. K. NAJEEB
PROFESSOR & HEAD
OF THE DEPARTMENT

In our dynamic field of computing science, where technology is advancing at an astonishing pace, staying informed is not merely an advantage but a necessity. Our department's newsletter plays a pivotal role in facilitating knowledge dissemination, heightening awareness, spotlighting accomplishments, and fostering connectivity among our students, faculty, and staff. As the department head, I wholeheartedly encourage our editorial board to actively participate in enriching our newsletter's content and maximizing the utility of this invaluable resource. Together, let's continue harnessing the transformative potential of information to propel innovation and excellence throughout our department.

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.

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.

APPRECIATION PROGRAM - 1

TACS under department of Computer Science and Engineering conducted an "Appreciation Programme" on 16th February 2023. The event description was given by the HoD dept of Computer Science and Engineering.

The agenda of the event was to honor and appreciate Ms. Ajisha T, Ms. Ayisha Jumaila T P and Mr. Hashim P of S6CSE1 for being selected as Academic Research Intern with R&D team at Health care Innovation Technology Centre (HTIC) at IIT Madras for a two month Internship from February 20, 2023 to April 20, 2023.

The session was held to motivate and inspire other students and encourage them to gain more and more recognition.



"Workshop on CO PO PSO Attainment Calculation"

APPRECIATION PROGRAM - 2



TACS under department of Computer Science and Engineering conducted an "Appreciation Programme" on 20th February 2023. The event description was given by the Vice Principal, MEAEC.

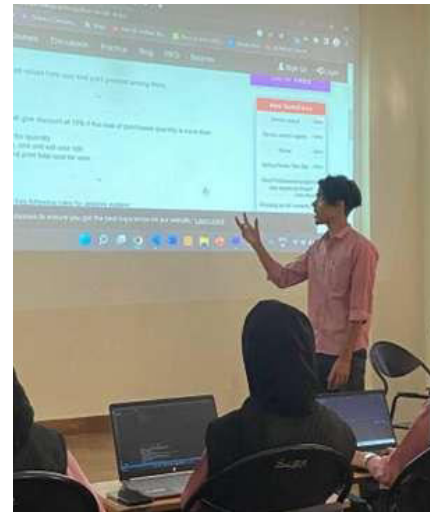
The agenda of the event was to honor and appreciate Mr. Mohammed Marwan of S6CSE2 for receiving The Student Entrepreneurship Award for Best Innovative Project from the Department of Industries and Commerce, Government of Kerala.

The session was held to motivate and inspire other students and encourage them to gain more and more recognition.



PYTHON WORKSHOP UNDER DEVTACS

On February 23, 2023, Coordinator of DevTacs, Faris Basha TM conducted a workshop on Python for students of S6CS1. The purpose of the session was to enlighten participants with Python's foundations and available functions. The ideas shared in the workshop were clear and also helped students with their academics.



WORKSHOP -1 "PROGRAMMING IN C"



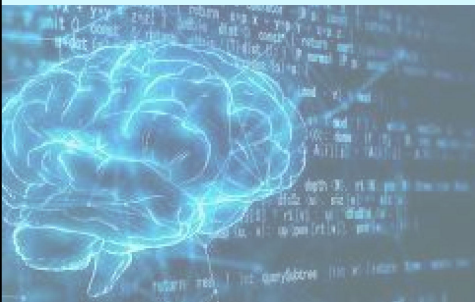
On July 22, 2023, the Department of Computer Science and Engineering conducted a workshop on "Programming in C". Dr. Shanid Malayil, Associate Professor at MEA Engineering College, led the session. The workshop was conducted for the first-year students at the CS Programming Lab. The students actively participated, and the session was successful. The session focused on developing basic programming knowledge in C Language and was informative and efficient.



WORKSHOP -2 "PROGRAMMING IN C"



On July 23, 2023, the Department of Computer Science and Engineering conducted a workshop on "Programming in C". Dr. Shanid Malayil, Associate Professor at MEA Engineering College, led the session. The workshop was conducted for the first-year students at the CS Programming Lab. The students actively participated, and the session was successful. The session focused on developing basic programming knowledge in C Language and was informative and efficient.



"Secures Prestigious NIT Calicut Internship in Smart Traffic Control"

Faslu Rahman T P of S6CSE1, has secured a prestigious internship opportunity at the Department of Computer Science and Engineering, National Institute of Technology Calicut!

Project Name: "A Reinforcement Learning Based Intelligent Traffic Control for Transportation Systems for Smart Cities"

He got a stipend of Rs.5000 in the period of May 15 to July 15 2023. Faslu's accomplishment is a testament to his dedication and skills in the field of computer science and engineering. This internship offered him a unique chance to dive into the world of Reinforcement Learning and its application to revolutionize traffic control systems in smart cities.



"Shine at 2023 IEEE Conference, Win First Prize"

P K Harsha and Shafinaz N P achieved a remarkable milestone at the 2023 IEEE International Conference on Acoustics, Speech, and Signal Processing in Rhode Island, Greece, from June 4 to 10. They secured the first prize in the highly competitive 5-MICC video clip contest on the topic Multimodal behaviometrics, outperforming participants from various prestigious universities.

They were fortunate to seize the invaluable opportunity to connect with leading professionals, broaden their expertise, and demonstrate their skills. Their experience at the conference enriched their understanding of signals and speech, fostering substantial knowledge growth.



"Embarking on a Healthcare Technology Research Journey @IIT Madras"

Ayisha Jumaila T P, Ajisha.T and Hashim P, were selected for a two-month internship as Academic Research Intern with the Cardiovascular R&D team at Healthcare Technology Innovation Centre (HTIC) - IIT Madras from February 20th, 2023.

Their achievement is nothing short of remarkable. Their roles as Academic Research Interns provide them with a unique opportunity to contribute to cutting-edge research in the field of healthcare technology. During these two months, they have the chance to work alongside esteemed professionals and participate in groundbreaking projects.



HIGHER STUDIES & PLACEMENTS

POST GRADUATION



THANSEEHA C
CSE

COLLEGE OF ENGINEERING
TRIVANDRUM (CET)
COMPUTER SCIENCE & ENGINEERING



HABEEBA M
CSE

TMM COLLEGE OF ENGINEERING,
KOLLAM
ARTIFICIAL INTELLIGENCE



SHAFIQ MUSTHAFA
CSE

FISAT
ARTIFICIAL INTELLIGENCE AND
DATA SCIENCE



FADIL KS
CSE

MANGALAM COLLEGE OF
ENGINEERING
MBA

KodNest



RASHEEN K
CSE



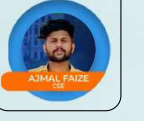
MOHAMMED DANIS
CSE

acabes



MUHAMMED SANOOB
CSE

EY



AZMAL FAIZE
CSE

BYJU'S



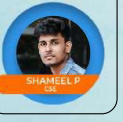
SWATHI
CSE

Guidehouse



MISBAH A
CSE

impact



SHAMELL P
CSE

FACE Prep



NAHILA FATHIMA M
CSE



HAZACK AL
CSE



HUSNA M
CSE



SHIBIL MON CT
CSE



SHAMEL P
CSE



SAFWAN V
CSE



SHAMSHEER SHAJAHAN
CSE



SARA TK
CSE



FADIH S
CSE

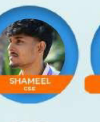
MAVERIX



NAFLA ASHRAF
CSE



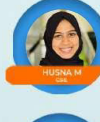
AFNAN F
CSE



SHAMEEL
CSE



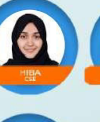
SHAMIL KP
CSE



HUSNA M
CSE



HIBA SHERIN T
CSE



HIBA
CSE



AZMAL FAIZE
CSE



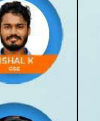
FATHIMA NUBLA
CSE



FATHIMA RISANA
CSE



AHAMED KAMIL
CSE



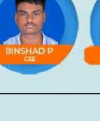
MISHAL R
CSE



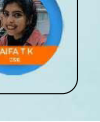
SWETHA N
CSE



NIHAD AHAMED
CSE



BINSHAD P
CSE

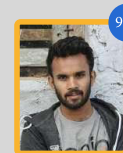


SAFA T M
CSE

KTU S7 RESULT 2022-23



HUSNA M



MUHAMMED FADIL K S



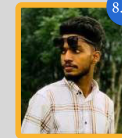
ABOOBACKER
SIDHEEQUE K



FATHIMA SAFNA



KHADEEJA SHEHIN CK



MISBAH A



MUHAMMED SHAMSHEER
SHAJAHAN



NAHILA FATHIMA M



SHAHUL P

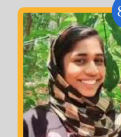


FEBINA JASMIN. N

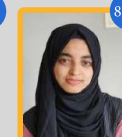


HARSHA P C

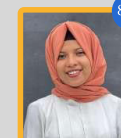
KTU S5 RESULT 2022-23



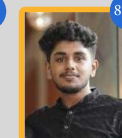
MUSKINA. KA



HYRIN MANSOOR



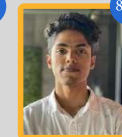
FATHIMATH HANAN K T



RABEEN PATTUPARA

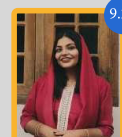


AJISHA T



FARIS BASHA .T.M

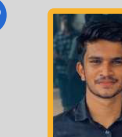
KTU S3 RESULT 2022-23



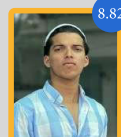
DEENA FATHIMMA



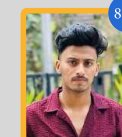
DEEMA MYMOON



UNAIS MA

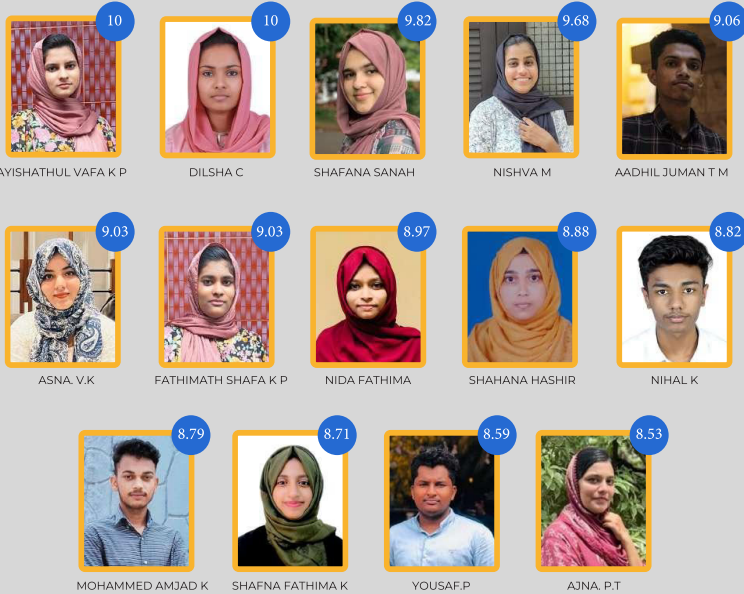


SHIHAH P S



MINHAJ AKAVALLAPPI

KTU S1 RESULT 2022-23



QUALIFIED GATE 2023



UGC NET QUALIFIED IN COMPUTER SCIENCE & APPLICATIONS



MUHAMMED NAJEEBULLA . A
ASSISTANT PROFESSOR
DEPT OF CSE

NPTEL COURSE SUCCESSFULLY COMPLETED LIST DURING 2023 JAN-MARCH

Name	Course
Laila V	Effective Engineering Teaching In Practice
Murshida K P	Effective Engineering Teaching In Practice
Najla Musthafa	Effective Engineering Teaching In Practice
Amal Hisham OH	Human Behaviour
Danish Mohammed	Python for Data Science
Faslu Rahman TP	Python for Data Science
Jasira KT	Python for Data Science
Naseeha Abdulla	Python for Data Science

The National Programme on Technology Enhanced Learning (NPTEL) is a prestigious initiative by the Ministry of Education, Government of India. Established with the aim of providing high-quality education in engineering, science, and technology disciplines, NPTEL has consistently proven its commitment to fostering academic excellence.

NPTEL's comprehensive online courses, developed in collaboration with top Indian institutes, offer a vast repository of knowledge accessible to learners worldwide. These courses are meticulously designed to cater to the needs of students, professionals, and lifelong learners, promoting skill development and enhancing career prospects.

With a reputation for excellence in education and a vast network of dedicated instructors, NPTEL continues to be a cornerstone of technological education in India and beyond. Its enduring commitment to promoting accessible and high-quality learning opportunities reaffirms its status as a leading force in the field of online education.

CONFERENCE PROCEEDING AND PUBLICATIONS

SLNO	TITLE	JOURNAL/CONFERENCE	NAMES
1	A Dyslexia Detection Method From Handwriting Using Ensemble Method	International Conference on Computer Science, Cyber Security and Information Technology CCIT-2023	Najia Musthafa, Jasira KT
2	Accident Detection Using Ai Based Signal Processing In Intelligent Transportation System	TIJER - International Research JournalL	Jemsheer Ahmed, Mohammed.P ,Mohammed Rasheen K, Abhishek kp, Mohammed Safwan.VP
3	Age And Gender Prediction From Human Voice For Customized Ads In E-commerce	IJERT	Muhammed Shameem P, Muhammed Faheem, Muhammed Sahad V V, Nafia Ashraf, Shad Shaharyar
4	An Improvement To Pegasus Protocol In Wsn	IJRASET	Aasha Verghese, Fasmia, Fathima Naima, Fathima Nidha Pk, Fathima Sinu Ak
5	Application Of Machine Learning Algorithm For Land Value Rating Prediction For Rural-urban Administration Planning	TIJER -International Research Journal	Jemsheer Ahmed P, Nahila Fathima, Razack Ali, Shafaf Musthafa, Wafa Nizar
6	Baby Caring Aid With The Application Of Analysis On Live Video Using Machine Learning	TIJER	Murshida Kp, Muhammed Nishad, mohammed Shibli, Muhammed Shihas, Shamil Kp
7	Deep Learning Based Auto Accident Detection And Alert System	IEEE	Murshida Kp, Misbah A, Mishal K, mohammed Binshad,mohammed Rizvin
8	Detection Of Safety Protocol Violations In Industryworksites Using Ai	TIJER - International Research Journal	Dr. Shanid Malayil, Nishad Cp, Shabeer Ali, Shifna Usman, Subah Hameed Savad
9	Heart Disease Prediction Of Diabetic Patients Using Machine Learning	TIJER - International Research Journal	Sruthy K G, Mohammed Ashif C K, Mohammed Faheem, Mohammed Faisal C, Mohammed Jamsheed P
10	Identification And Detection Of Tomato Plant Disease From Leaf Using Deep Reinforcement Learning	TIJER International Journal (ISSN: 2349-9249)	Najia Musthafa , Muhammed Anfan, Mohamamd Shameel, Muhammed Salah , Mohamamd Shibilmon
11	Modificatino Detection Of Medical Images Using Orb Feture Extraction Algorithm And Logistic Regression	IEEE- ICSCC	Mohammed Najeebulla A, Muhammed Arfab K, Muhammed Shadi, Shibli Shahad, Swathi T
12	Network Based Multiple Intrusion Detection Using Machine Learning	2nd National Conference on Advances in Smart Computing and Data Science 2023 (NCASCD'23), IJERT	Anish Kumar. B, Mohamed Danis, Mohammed Sanoob, Mohamed Ashmal, Hunais
13	Precise Localization Of Optic Disc Region For Accurate Glucoma Diagnosis Using Deep Reinforcement Learning	IEEE International Conference on Innovations in Engineering & Technology (ICIET 2023) at IITaha College of Engineering and Technology	Laila V, Naseeha Abdulla E
14	Real-time Student Emotion And Drowsiness Detection Using Yolov5 And Cnn For Enhanced Learning	IEEE - 2023 International Conference on Innovations in Engineering and Technology (ICIET)	Afsar P, Amithab Pakarath , Ashmin K T , Aysha Sithara , Bijoy
15	Recognition Of Food Type And Calorie Estimation	IJERT	Muhammed Suhair K, Danish Babin, Habeeba M, Harshad Me, Harsha Pc
16	Revolutionizing Stroke Prevention: A Machine Learning Approach To Early Identification Of Brain Stroke And Risk Factor	International Conference on Computational Intelligence and Digital Technology (ICCIDT -2K23)	Najila Musthafa, Fathima Farseena, Fathima Nubla, Fathimma Risana, K Harshamol
17	Student Academic Performance Prediction Analysis Based On Lifestyle And Previous Academics Using Data Science And Machine Learning	TIJER - International Research Journal	Fathima Anwar, Shahul P , Razeen Abdul Gafoor, Sabah Sayed K, Shahabas M P
18	Survey On Object Detection Using Deep Reinforcement Learning	MAT JOURNALS- 2023	Laila V, Naseeha Abdulla E
19	Type-2 Diabetes Prediction In Women Using - Machine Learning In Malabar Area	International Journal Of Engineering Research & Technology (IJERT)	Sruthy K G, Muhamed Rafsal Ameen M, Muhammed Fadil K S, Muhammed Shahim, Muhammed Shamsheer Shajahan

PHOTO GALLERY



PHOTO GALLERY



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**“ YOU MIGHT FAIL A FEW TIMES BUT
THAT’S OK. YOU END UP DOING SOMETHING
WORTHWHILE WHICH YOU LEARN A
GREAT DEAL FROM ”**

- SUNDAR PICHAI



**& Bits
Bytes**