

# KMCT CEW

## TIDINGS

Volume 1

Jan- Dec 22



Established in 2009, KMCT College of Engineering for Women (KMCTCEW) offers three B.Tech programmes and one M.Tech Programme. With its avowed commitment to quality, the college has managed to attract an excellent team of qualified faculty members.

- **1st in kozhikode** among self-financing institutions.
- **25th among 133 engineering colleges** as per the KTU results(2018-22 Batch).

KMCT College of Engineering for Women is ranked 25th among 133 engineering colleges in Kerala. It is ranked 1st in Kozhikode among self-financing institutions. These rankings are based on the institution's Academic Performance Index Report for the 2018-22 batch results, which was published by the Kerala Technological University (KTU) on August 1st, 2022.

Among all the self-financing institutions, it is the top-ranked self-financing institution in Kozhikode. It is performing well and have achieved this ranking due to its academic excellence, which is mentioned to have been maintained for 14 years. By academic excellence, the college's consistent performance in terms of academic results and possibly other factors such as research output or student placements are high and well-managed and has a strong focus on academic quality.

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Engineering for Women  
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**Dr.K. Moidu**

Founder Chairman of the KMCT Group of Institutions.

Established in 2009



## INSTITUTE MISSION

To empower girl students through professional education integrated with values and character to face the global challenges.

To reach out to the community to apply the knowledge and skill for betterment of society.



## INSTITUTE VISION

To be a centre of excellence in producing women engineers and scientists who are professionally competent social leaders for the future.



To create, innovate, vibrant, committed young women leaders and entrepreneurs in engineering and technology for building the nation through lifelong learning.

To develop the overall personality of students by transforming and molding them through a variety of curricular, co-curricular and extra-curricular activities.

## MESSAGE FROM MANAGEMENT

CHAIRMAN

KMCT GROUP OF INSTITUTIONS



Dr. K.Moidu

I am extremely happy to know that TIDINGS, Newsletter of KMCT College of Engineering for Women is being released. I congratulate the principal, staff and students for the progress and the position they have archived among all the Engineering College in Kerala. It is praiseworthy to see that KMCT College Engineering for Women is going in the right direction in moulding the students to become efficient Women Engineers. I wish the college all the very best and pray that the college reaches new heights of excellence in technical education.

MANAGING TRUSTEE



Dr. K.M. Mehboob

I am pleased to place on record my appreciation for the best effort being taken by the principal, staff, and the students of KMCT College of Engineering for Women to bring the college to new heights of Excellence not only in academics but also in socially committed activities. The College News letter (TIDINGS) is yet another example of the work of the college to promote students' creativity and leadership. I am sure that, these avenues will enrich the career of the Women Engineers, and through them, generations will be benefited. I wish all success for their endeavors.

## MESSEGE FROM PRINCIPAL'S DESK



Dr.D.Jerline Sheebha Anni

On the occasion of the release of our College Newsletter , I am extremely happy to see that, we could bring out the next volume with many remarkable contributions from our campus. We are exploring the untrod paths of technical,cultural and academic creativity of our students and staff through the editions of TIDINGS.

I congratulate each and every one of the members of the editorial board for their active roles on bringing out the News letter. I place on record the deep appreciation for the timely support given by the management and PTA for publishing the Newsletter in time.

## FIRST YEAR ORIENTATION

Student Induction Programme is to prepare newly admitted undergraduate students for the new stage in their life by facilitating a smooth transition from their home and school environment into university environment through various discussions and activities.



## EDITORS DESK

### CORE MEMBERS

**ANSHI P - CS6**  
**DRIJUSHA T K - CS6**  
**FIDHA P P - CS6**

### SUPPORTING STAFF

**ANU K S - HOD, CSE**  
**DEEPTHI P - ASSISTANT**  
**PROFESSOR, CSE**

### MEMBERS

**FATHIMA SHIFANA - CS6**  
**FAREEDA FARSANA - CS6**  
**PARVATHY I - CS6**  
**SAFNA - CS6**

The KMCT College of Engineering for Women would like to welcome you. We are keeping in touch digitally with our students, former Students and teachers through our Newsletter "TIDINGS". This newsletter "TIDINGS" will feature the college's accomplishments and activities. Additionally, it updates readers on the most recent news as well as recent college activities including placement. We are excited to see what else the future brings since the college future is promising. We would like to thank all of our staffs and students for their unwavering support and encouragement.

SIP for 2022 batch was conducted from 25/09/22 to 29/09/22 and was inaugurated by principal Dr.D.Jerline Sheebha Anni. Number of participants attended were 74. Various activities were conducted under this programme like Zumba dance, Motivational class, Anti Ragging awareness programme, Cybersecurity and Women Laws etc.

The SIP has been formulated with specific goals to help students to:

- Become familiar with the ethos and culture of the institution.
- Set a healthy daily routine, create bonding in batch as well as between faculty members and students.
- Facilitate them in creating new bonds with peers and seniors who accompany them through their college life and beyond.

- Overcome weaknesses in some essential professional skills – only for those who need it.

## FRESHERS DAY

"JADA MAANDA PAATHU WE ARE WITH YOU" Freshers day 2k22 held on 28th of November 2022 marked it's lively entry with all our first year and second year students.

The program was officially inaugurated by the principal, Dr.D.Jerline Sheebha Anni at 12:30 PM in the presence of Dean Academics, all Head of the Departments including all other students and faculties. The inaugural ceremony was concluded by vote of thanks by MS.Baneeta Babu, BM3 with her well wishes and an enthusiastic call for the beginning of cultures and games.

Firstly all the first year students introduced themselves followed by several games ranging from balloon popping, floor game, couple dance, make-up etc. for both teachers and students which set the crowd off to laughter and entertainment. Dance and ramp walk were also conducted.

At the end of the program refreshment was provided to the students and staff.



# ONAM CELEBRATION



## THAKA THAKA THEYYONAM

THAKA THAKA THEYYONAM 2k22 held on 19th of September 2022 marked its lively entry with all our students dolled up along with the shinkari melam by 9 AM.

The celebration was officially inaugurated by the principal, Dr.D.Jerline Sheebha Anni at 10 AM in presence of Dean

with her well wishes and an enthusiastic call for the beginning of cultures and games. Several games were conducted ranging from lemon and spoon, eating competition, breaking pots etc. for both teachers and students which set the crowd off to laughter and entertainment.

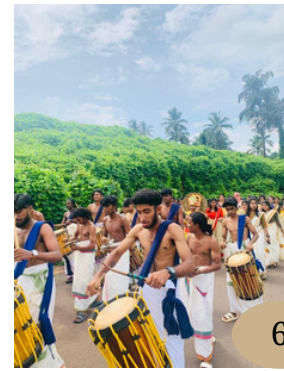


## 'Staffonam 2022'

Staffonam was celebrated on 1/09/2022 under staff club at KMCTCEW. Program started with a delightful Onasadhya. Cultural activities such as Thiruvathira, Onappattu, and Nadanpattu were performed by the staff members.

Academics, all HODs including all students and faculties. A token of love was presented on behalf of the entire college to all the non teaching staffs. The inaugural ceremony was concluded by our Program Coordinator Ms. Reena Abraham Assistant Professor, CE

Tug of War was the most enthusiastic and celebrated game of all where students involved the most and had their spirits high. Onasadhya was served to all by 2:30 pm which marked the end of the day.



# CHRISTMAS CELEBRATION

## SANTASIO '22

On 23rd December, our college has organized a program to celebrate Christmas. The program was inaugurated by college Principal, Dr.D.Jerline sheebha Anni and co-ordinated by Ms. Ayisha Nafla, Assistant Professor in CSE. The celebration was held in our central square. The entire college was beautifully decorated with flowers, lights, posters, and models. All the students and faculty members were very excited and full of enthusiasm. The ceremony began at 9:00 AM. Various cultural programs were conducted. The best part of the event was engaging faculties and students into different games. Santa Claus was roaming all over the college spreading happiness and blessings.



# WOMEN'S DAY CELEBRATION

On International Women's Day, a celebration organized jointly by KMCT College of Engineering for Women and Chathamangalam Gram Panchayat was held at Kattangal Panchayat Auditorium. KMCT CEW Principal Dr. Sabiq P.V , Mr. Abdul Gafoor, President of Chathamangalam Grama Panchayat jointly inaugurated the function under the chairmanship of Mr. Rukmini Teacher, a senior public worker of Chathamangalam Panchayat and Sister Yamuna, a palliative worker. KMCT CEW NSS Program Officer Ms. Reena Abraham, Vice Principal Dr. Jerline Sheeba Annie, Ms. MT Pushpa, Ms. Reena Mandikavil and others spoke on the occasion offering greetings. NSS 203 volunteer secretary handed over sanitary napkin collected by NSS 203 volunteers to Kudumbashree unit. The function, which was enhanced by various artistic performances by the students, concluded with a vote of thanks by Ms. Ramla Basheer, Convener of the Women's Development Cell.



## LAPTOP DISTRIBUTION

To address the Digital Divide in the higher education sector, "Samatva", a laptop distribution scheme is a project implemented by the Kerala Technological University. Under this scheme, laptops are given to 1000 deserving students from affiliated colleges.



Inauguration of distribution of laptops to 10 students of KMCT College of Engineering for Women and KMCT Engineering College was performed by MLA Shri. Linto Joseph, Thiruvampadi Constituency, Mukkam Municipality Deputy Chairperson Adv. Chandni presided over the ceremony. Dr. Sabiq P V, Principal, KMCT College of Engineering welcomed the guests and Dr.D.Jerlin Sheebha Annie delivered the keynote address. Mukkam Municipality Councilor Smt.Ms. Vijina I R extended the felicitation and Ms. Rana Rahman , Assistant Professor in CE proposed the vote of thanks. Ms. Jenny J Mattam, HOD Department of Automobile Engineering, KMCT CE and Ms. Reena Abraham, Assistant Professor KMCT CEW coordinated the function.

## NCC

The National Cadet Corps came to existence on 16th July 1948 under the NCC Act of 1948 by the Ministry of Defence. The motto of the NCC is 'Unity and Discipline' which was adopted on 23rd December 1957. In lining up to its motto, the NCC strives to be and is one of the greatest cohesive forces of our nation, bringing together the youth hailing from different parts of our country and molding them into united, secular and disciplined citizens of our nation.



9(K) GIRLS BATTALION, NCC unit of our college has actively participated in various activities on International Yoga Day, Independence Day celebrations etc. Many of our students participated in the Annual Training Camp held at Kozhikode Battalion in December 2022.



## NDLI

National Digital Library of India (NDLI) is a virtual repository of learning resources. It is sponsored and mentored by Ministry of Education, Government of India, through its National Mission on Education through Information and Communication Technology (NMEICT). Filtered and federated searching is employed to facilitate focused searching so that learners can find the right resource with least effort and in minimum time. NDLI is designed to hold content of any language and provides interface support for 10 most widely used Indian languages. It is developed, operated and maintained from Indian Institute of Technology Kharagpur. It is a virtual teaching-learning-evaluation-knowledge discovery and innovation platform to encourage collaborative, personalized, self-paced, new-age multi-media education at all levels. NDLI Clubs enable learners to effectively use NDLI throughout their journey of education while motivating them to contribute actively towards a national knowledge trove.

Club reg\_no : INKLNC3J9RJS6Z  
Club Patron : Dr. Sabiq P V, Principal  
Club President : Ms. Anju.G, Assistant Professor,  
Dept. of CSE  
Club Secretary : Ms. Jiji K, Librarian  
Executives : Ms. Amrutha Santhosh,  
Student Representative.



## NSS ACTIVITY

National Service Scheme (NSS) was introduced in 1969 with the primary objective of developing the personality and character of the student youth through voluntary community service. 'Education through Service' is the purpose of the NSS. The ideological orientation of the NSS is inspired by the ideals of Mahatma Gandhi.

KMCT College of Engineering for Women has NSS unit 203 under KTU. Ms. Reena Abraham, Assistant Professor, Department of Civil Engineering is the program officer of our unit. We have 100 volunteers in our unit.

Several programs were conducted which includes,

### Energy Management North Zone Regional Meet

The program was held on 23/07/2022 from our seminar hall which was inaugurated by NSS State Coordinator Dr. Joy Varghese under the chairmanship of our college principal.

### Independence Day celebration

Principal hosted the National Flag in our campus followed by pledge.

### Teachers Day



### **A meal for onam**

Related to Onam, meal was provided to the needy at Kozhikode railway station and bus stand area under the leadership of our NSS unit.

### **Pattabhishekam**

Volunteer Secretaries of NSS Unit 203 for the academic year 2022-23 have been elected.

Volunteer Secretaries – Ms. Amal Abdulsalam & Ms. Fidha PP.

Associate volunteer secretaries – Ms. Surya Gayathri & Ms. Sharika.

### **Say no to Drugs**

An awareness talk as part of anti-drug awareness was conducted by Civil Excise Officer Mr. Shaju C G.

### **Blood Donation Camp 2022**

A blood donation camp was conducted in collaboration with Kozhikode District Cooperative Hospital and Blood Donors Kerala. Apart from the students and teachers of KMCTCEW, students of KMCTCE and KMCT Polytechnic also donated blood in the camp. Over 40 people donated their blood.



### **Forest Camp Aranyam,3.0**

3 Days Forest Camp to Wayanad Wildlife Division.



### **Children's Day**

Volunteers of our NSS Unit 203 celebrated Children's Day with the children of Erimala LP School. They demonstrated how to make Nehru cap and children prepared it very well.



### **Constitution Day**

All NSS volunteers participated and took oath for constitution day and a debate was conducted on the topic 'Crimes are increasing day by day , so should we change the law or not? '

### **Appreciation from BDK**

NSS Unit 203 receiving the Token of Appreciation from Blood Donors Kerala (BDK) for Promoting Blood Donation Programs.



### **7 Day camp upavi**

Annual NSS 7 day camp was held at Cherukullathoor ALUP school, peruvayal from 23rd to 29th of december. 50 volunteers attended the camp.

Ms. Meghna Lakshmi, BME S5, one among our NSS volunteers got selected for 25th NATIONAL YOUTH FESTIVAL 2022 by Youth Ministry, Govt.of India.



**Ms. Meghna Lakshmi**

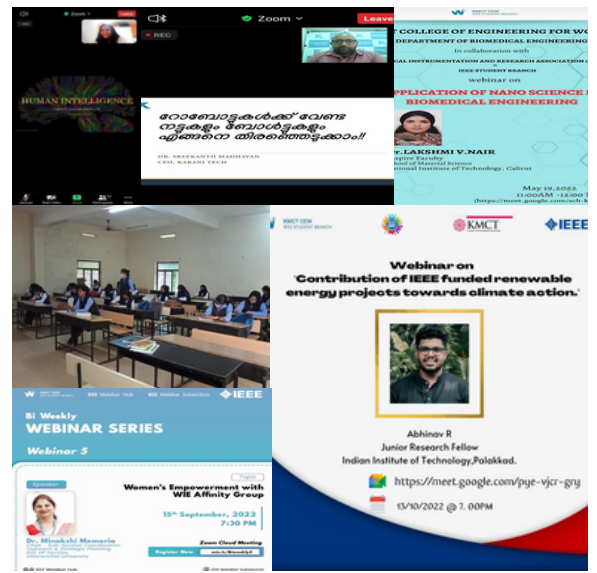
Ms. Reena Abraham, Program Officer, NSS Unit 203, was selected as the kozhikode district coordinator.



**Ms. Reena Abraham**

## IEEE Activity

IEEE SB KMCTCEW conducted various competitions & Webinars which include Webinar conducted in association with IEEE Malabar Subsection and Malabar Hub on Human Intelligence- a Biopsychosocial Perspective by Ms. Manisha Manoharan, Webinar on Fuzzy Logic- Coping partial information, webinar on how to select nuts and bolts for making robots by Dr Sreekanth Madhavan, Webinar on Introduction to competitive programming and Webinar on Computational Intelligence for early breast cancer detection by Dr. Praveen Sankaran.



We also conducted a science week program Technophilia which included quiz, poster making and essay writing competition. IEEE SB KMCTCEW in association with MIRA conducted a webinar on Application of nanoscience in biomedical engineering. IEEE Malabar subsection conducted an event named PROJECT EXPO'22 and our team consist of Ms. Thushara.J.S, Ms. Shahana Fathima, Ms. Varsha.P, Ms. Sreelashmi A.K From BM 7 won 1st prize for their project.



**Project name:D2 RE .B**

Aim: Transport of drinking and domestic water to needed places.

30 students from different colleges under the IEEE Kerala section were selected for this project, and Ms. Thushara J.S. from our college got the wonderful opportunity to participate in this project. It was held at a tribal colony in Wayanad by utilising solar energy.



## PRAVAH '22



The launch of PRAVAH '22 was conducted at Focus Mall with a Flash mob of students on 25/05/2022. PRAVAH '22 was conducted on 31/05/2022 with an inaugural ceremony at Seminar Hall with chief guest Dr Manoj P Samuel, Executive director of CWRDM. Dr. Dineshan V P (Retd. Scientist CWRDM), and Prof U C Ahammed Kutty felicitated the event.

Welcome speech was delivered by PRAVAH'22 convenor Ms. Aparna S, Presidential address by our principal Dr.D.Jerline Sheebha Anni. Technical Secretary Ms. Munna Sherin delivered the Vote of thanks. After the inauguration, program started with Idea presentation and Math Magic for plus two students. E-certificates has been distributed for all participants.



## PRAVEGA'22

PRAVEGA '22 was started with indoor events on 6/12/22. Various events included ball throw, chess, badminton doubles, carroms and badminton singles. The launch of pravega'22 was done on 9/12/22 at centre square of our college. Principal Dr.D.Jerline Sheebha Anni revealed the flags and announced the group names of Pravega'22.



On 10/12/2022, PRAVEGA'22 was started with an inaugural ceremony at 8.45 AM. Principal Dr.D.Jerline Sheebha Anni inaugurated the event by hoisting the flag. The sports meet opened with a march past by all the four groups. Welcome speech was delivered by chairperson Ms Anupama J.



## SPARK 2022

KMCT College of Engineering for Women organized a one-week cultural program for B.Tech and M.Tech students from 20-6-2022 to 26-6-2022.



Inauguration of onstage event was performed by Ms. Anarkali Marikar, Actress and Singer. KMCT CEW Principal, Dr.D. Jerline Sheeba Anni presided over the ceremony.

Dr. P Rameshan, Principal, LBS Model Degree College, Parappanangadi was the guest of honour. Ms. Remya V, Convenor Spark 2022 welcomed the guests and Ms. Nutan Hegde, Dean Academics delivered the keynote address. Ms. Jayasree A, HOD, Applied Science Dept and Ms. Sindu V, Assistant Professor, Civil Engineering extended the felicitations and student convenor Ms. Thamanna Fathima proposed the vote of thanks.

The students were divided into three different groups and were lead by different teachers. The program was continued on for two days. The group and individual champions where awarded and the program ended with a great DJ performance by RIDDIX.

Felicitation was delivered by different department HODs. Sports club secretary Ms. Varsha delivered the vote of thanks. The outdoor events started just after completion of inaugural ceremony.

College organized a number of competitions like 100 m, 200m, 800m race, javelin throw, shot put, discuss throw, long jump and relay. Energetic participation and coordination of students makes Pravega'22 very active. Sports meet came to an end with the 4x100m & 4x 200 m relay.



The valedictory function of pravega'22 was held at centre square on 13/12/2022. Principal Dr.D.Jerline Sheebha Anni announced the group champions and individual champion and also distributed the certificates & medals. The program coordinator Ms. Reena Abraham delivered the vote of thanks. Questra, lead by Ms. M Sruthi CS5 was the group champions and Ms. Shahana, CE5 was the individual champion of PRAVEGA '22.





# PUBLICATION DETAILS

1. Dilruba P K, Nishana Yasmin, punya P, Sreelakshmi J "Intelligent IoT Based Syringe Pump Controlling and Monitoring Drip Level, Temperature and Pulse rate Using A Smart Phone Applications, Journal of IoT Security and Smart Technologies, Vol-1, Issue - 2 (May - August 2022)".
2. Ashwin Krishna, Ayisha Farbi C P, Ayisha Arsha, Huda "Parkinson's Disease Prediction Using Convolution Neural Networks", International Journal of Advances in Engineering & Management, Vol - 4, Issue - 7, July 2022.
3. Adhila Muhammed K, Khadeeja Farhath T "IoT Based Medical Assistant Robot for Patient Monitoring", Journal of Cyber Security in Computer System, Vol-1, Issue - 2 (May - August 2022) .
4. Fathima Nihala P, Thansi Fathima S, Arya V, Karthika Satheesh K T "LOW COST PORTABLE VENTILLATOR WITH PRESSURE REGULATION USING AURDINO", Journal of Electronic Design Engineering, Vol-8, Issue - 2 , July 2022.
5. Sujisha K V, Thamanna, Fathima, Shameema E K "SIFT Enhanced Multiple Biometric Authentication System Integrated with Temperature Sensor", Journal of Cyber Security in Computer System, Vol-1, Issue - 2 (May - August 2022) .
6. Anjana B, Femin Ali K M, Keerthan A A, Adithya K " Detection of Diabetic Foot Ulcer using KNN Algorithm", *International Journal of Advances in Engineering & Management, Vol - 4, Issue - 8, August 2022.*
7. Aiswarya K, Akshaya B M, Aparna A, Varsha K V "Multilevel Classification of Retinal Diseases using SFCN", Journal of Signal processing, Vol.8 No.2 (2022) .
8. Agraja Lenin, Dhanya S, Suniyya P P, Navneetha K A "Parkinson's Prediction Techniques: A Comparison", *International Journal of Advances in Engineering & Management, Vol - 4, Issue - 8, August 2022.*
9. Aalia Thaha, Krishna Priya P S, Neethu Biju, Athira K "IOT Based IV Drip Monitoring and Control System with Compact Medical Stretcher", *Journal of, IoT Security and Smart Technologies, Vol - 1, Issue - 3, (September-December, 2022) .*
10. Sonam Sunil, Akshaya M V, Bhadra Baburaj I P, Jasna P C "Canny Edge Detection Based Preprocessing and Feature Extraction for Tooth Decay Classification Using CNN", International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 9 Sep. 2022, pp: 421-424 www.ijaem.net ISSN: 2395-5252 .
11. Anagha C, Fathima Sefa, Hilma T, Shilpa Ajeesh M "Disease Detection in Rice plant using Random Forest Algorithm".
12. Ayisha Sumayya, Roshni Joseph, Saisree, Sneha Satheesh T "Performance Analysis on student feedback using Machine Learning".
13. Ramsiya P P, Abhirami U, Jouz, Shada V P "Experimental study on SISAL fibre reinforced in Gypsum board".
14. Anjana M K, Athira A A, Shana Nasrin E Sruthi T "Use of neem leaf powder & banana pith powder as natural coagulant to treat wastewater".
15. Alita Vinod, Haafidha, Anshila A P, Anjala Nazreen T A "Feasibility study of electro-coagulation in wastewater treatment".
16. Sona N P, Anjala Thasneem, Fathima Fitha "Analysis of groundwater and drought potential zones using ArcGIS".
17. Amna R M, Fathima Ahammed V, Sarika K "Replacement of coarse aggregate in geopolymer concrete by using demolished waste".
18. Fathima Shalbana, Farsana C V, Niba E "Analysis and design of multistorey building using ETABS".
19. Munna Sherin, Sameera A, Shifa Kadeeja, Thamanna K M "Analysis and design of flyover".
20. Alita Vinod, Haafidha, Anshila A P, Anjala Nazreen, "Electrocoagulation of car wash water using various electrode materials".
21. Alita Vinod, Haafidha, Anshila A P, Anjala Nazreen, "National conference on advances in civil engineering, NCACE-22".
22. Jilsha A "International Research Journal of Engineering and Technology(IRJET)".
23. Njla K "International Research Journal of Engineering and Technology(IRJET)".
24. Rifana Fbin "International Research Journal of Engineering and Technology(IRJET)".
25. Sinam Shirin "International Research Journal of Engineering and Technology(IRJET)".
26. Thabsheera K K "International Research Journal of Engineering and Technology(IRJET)".
27. Anjana Paramesh, Nimna Nasar K T "Journal of Environmental Engineering and Studies".
28. Mufeeda N K , Sreelekha "International Research Journal of Engineering and Technology(IRJET)".
29. Arinima pradeep, Sufana Ahammed " International Research Journal of Engineering and Technology(IRJET)".
30. Fathima Henan E, Nadeeda "International Research Journal of Engineering and Technology(IRJET)".

# **DEPARTMENT OF BIOMEDICAL ENGINEERING**

## WORKSHOP/SEMINAR/FDP /CONFERENCE/ATTENDED BY FACULTY

In the year 2022 faculties, Ms. Anusha .E.P and Ms. Arya Indraja attended Artificial Intelligence and Machine learning workshop, which was conducted in online mode on 28/02/22- 05/03/22.

## TECHNICAL TALKS

Many technical talks were conducted in the year of 2022 .

Technical talks are,

- Application of Nano Science in Biomedical Engineering co-ordinated by

Dr. Sameera V Mohd Sagheer, Ms. Arya Indraja and the speaker was Dr. Lakshmi V Nair.

- Medical Device & Development co-ordinated by Dr. Sameera V Mohd Sagheer and Ms. Arya Indraja and the speaker was Mr. Adith Rachel Jenny.

- Introduction to Python co-ordinated by Dr. Sameera V Mohd Sagheer and Mr. Arya Indraja conducted on 25-06-22.

- Role of Biomedical Engineer in Image Equipment co-ordinated by Dr. Sameera V Mohd Sagheer and speaker was Ms. Shani Sasidhar conducted on 29-10-22.

- Practical Exposure on Medical Equipment for High Salaried Job co-ordinated by Dr. Sameera V Mohd Sagheer, Ms. Irfana Izzath O P ,the speaker was Ms. Rashika Murugan conducted on 3-11-22.

## WORKSHOP ATTENDED BY STUDENTS

A one day workshop on 'Pulmonary Device Management organized by KMCT College of Engineering for Women and co-sponsored by Kerala State council of science, Technology & Environment was held on November 15,2022, at KMCT CEW.

## PLACEMENT DETAILS

The Biomedical department had a strength of 40 students out of which 27 students were qualified for jobs. Five of our students were placed in an off campus selection and fifteen of our students were campus placed.

That is the total number of students placed in the department of biomedical is 20. Also four of our students were offered with multiple offers. One of our student pursued for higher studies. The total percentage of placement in the department of Biomedical is 50%.

## INDUSTRIAL VISIT

For the familiarisation of various concepts in Biomedical Engineering field, the students of KMCT College of Engineering for Women (2020-2024 Batch) had conducted an industrial visit to Chik magalur, Hambi, Goa(Molbio diagnosis Pvt. Ltd).

## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## WORKSHOP/SEMINAR/FDP/CONFERENCE/ATTENDED BY FACULTY

In 2022 faculty member Ms. Anu K.S attended artificial intelligence webinar, which was conducted in online mode on 3/2/2022. She also attended FDP, which was conducted at Lourdes Matha college of science and technology from 26/8/2022 to 31/8/2022.

# DEPARTMENT OF CIVIL ENGINEERING

In 2022 faculty member Ms. Nasla K attended FDP, which was conducted at Muthoot institute of technology from 10/10/2022 to 14/10/22.

## TECHNICAL TALKS

In CSE dept technical talks were co-ordinated by Ms. Anu K.S and Ms. Rahna C.M. The details are as follows,

- Webinar on “What is flutter and why you should learn it in 2022” was conducted on 15/01/2022. The speaker was Ms. Sruthi Gireesh from Maitexa Info Solutions, Calicut.
- Webinar on Trending career in IT was conducted on 19/02/2022. The speaker was Mr. Manikandan p MD, FuturaLabs, Calicut NIT was conducted from 13/04/2022-20/04/2022. The speaker was click association (CSE) KMCTCEW
- Tech Prints webinar was conducted on 30/04/2022
- The technical talks, UNJUMBLE, MASTER BRAIN, TECHNOVATION, TECHERASERS, GOOGLER FAST FINGERS, POSTVLOG were conducted on 31/05/2022

## PLACEMENT DETAILS

Out of 8 students in the class all of them were eligible for higher studies and placement. The total number of students placed is six which makes the total placement percentage of the department as 75% which is one of highest placement percentage.

## INDUSTRIAL VISIT

For the familiarisation of various concepts in Computer Science field, students of KMCT College of Engineering for Women (2020-2024 Batch) had conducted an industrial visit to GOA (GOA DAIRIES) and DANDELI for 5 days. About 50 students came for the visit.

## WORKSHOP/SEMINAR/FDP/CONFERENCE/ATTENDED BY FACULTY

In the year 2022 faculty member Deepa V attended FDP which was conducted at ToCH Institute of Science and Technology, from 06/06/2022 to 11/06/2022.

## TECHNICAL TALKS

- On December 2, 2022, the Kerala State Council of Science, Technology, and Environment co-sponsored a one-day programme at KMCT College of Engineering for Women titled "World Without Pollution."
- One day Workshop in **BIM** was conducted on 30/07/22, the Speaker was Mr. Ahammed Sharique, cluster Manager CADD Center.
- SYCHRO 4D talk was given by Mr. Vishnu BIMLABS GLOBAL on 19/11/22.
- Webinar on CADD and Building rules was conducted by Mr. Antony Varghese on 09/12/22.

## INDUSTRIAL VISIT

For the familiarisation of various concepts in Civil Engineering field, the students of KMCT College of Engineering for Women (2020-2024 Batch) had conducted an industrial visit.

These visits were to WONDERLA, SRAVANABELAGOLA, BELUR, HALEBIDU, COORG, MANDALPATTI. The aim of these visits was to make the students aware about the technical importance of Civil Engineering concepts, apart from text book.

## PLACEMENT DETAILS

Out of 28 students in the class 13 of them were placed and 5 of them are pursuing higher studies.

## STUDENT ACHIEVEMENTS

NPTEL is a project of MHRD initiated by 7 IITs along with the IISc, Bangalore in 2003, to provide quality education to anyone interested in learning from the IITs.

The courses are so well structured that attendees can select parts of any lecture that are specifically useful for them. The USP of the NPTEL courses is its flexibility.

Students who pass npTEL swayam examination are,

Ms. Drijusha.T.K - problem solving through programming in C

Ms. Shahana Fathima.K - Immunology, Bioenergetics Of Life Processes

Ms. Thushara .J.S - Digital Image Processing

### Ms. Mary Suji



A Spot Choreography competition was held at St. Joseph College of Communication and our BM 7 student Mary Suji secured third prize in the event.

### Ms. Nishana Yasmin



Nishana Yasmin is a highly talented student who studied in the Department of Biomedical Engineering at our college from 2018 to 2022. During her time in the department, she proved herself to be one of the brightest students, consistently performing well academically. Her hard work and dedication paid off when she achieved the second position in the university rankings for the year 2022. Aside from her academic achievements, Nishana was also actively involved in extracurricular activities. Her participation in various clubs and events showcased her leadership skills and ability to work well in a team.

Furthermore, Nishana's exceptional performance was not limited to just one or two semesters. She consistently performed at a high level throughout her time in the department, earning the top performer title in many of the semesters.

Overall, Nishana Yasmin's success in both academics and extracurricular activities is a testament to her hard work, dedication, and natural talent. She is a shining example of what can be achieved with determination and perseverance.

# Toppers

## DEPARTMENT OF BIOMEDICAL ENGINEERING



**Ms. Nishana yasmin**  
S7-9.1 S8-9.83



**Ms. krishnendu M A**  
S4-9.73 S5-8.33



**Ms. Rafa rasheed**  
S3-8.83 S2-8.85



**Ms. Fathima fidha M T**  
S3-8.83



**Ms. Beneeta Babu**  
S1-9.93

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



**Ms. Shilpa Ajeesh M**  
S7-8.09 S8-8.17



**Ms. Sana Basheer**  
S5-7.72



**Ms. Avani Chandran**  
S4-9.09



**Ms. Fidha P P**  
S3-7.77



**Ms. Drijusha T K**  
S2-7.76



**Ms. Faduva P P**  
S1-7.73

# DEPARTMENT OF CIVIL ENGINEERING



**Ms. Alita Vinod**  
S8-9.17 S7-7.64



**Ms. Aishwarya Raj**  
S4-8.95 S5-9.13



**Ms. Najiya.M.A**  
S3-8.77



**Ms. Jinsha Lulu .k**  
S2-8.80



**Ms. Minshina**  
S1-7.21



**Fathima Hanan E**  
MTech-9.34

## FACULTY WHO SECURED MORE THAN 90% RESULTS



**Ms. Anju G**  
CST203  
(Logic System Design)  
91.3%



**Ms. Shibitha K P**  
BMT201  
(Basic Anatomy And Physiology For Biomedical Engineers)  
100%



**Ms. Minilal M**  
BMT203  
(Digital Electronics)  
91.5%



**Ms. Anusha E P**  
BMT301  
(Analytical and Diagnostic Equipment)  
93%



**Ms.**  
**Jayashree A**  
**MAT101**  
**(Linear**  
**Algebra&Ca**  
**lculus)**  
**90%**



**Ms. Aswathi**  
**O**  
**HUN101**  
**(Life Skills)**  
**100%**



**Ms. Sithara**  
**Parween**  
**PHT110**  
**(ENGINEERING**  
**Physics B)**  
**90%**



**Ms. Mishahira**  
**HUN102**  
**Professional**  
**Communicati**  
**on)**  
**100%**



**Ms. Deepa V**  
**CET203**  
**(Fluid**  
**Mechanics&Hydrau**  
**lics),HUT200(Profes**  
**sional Ethics)**  
**93%**



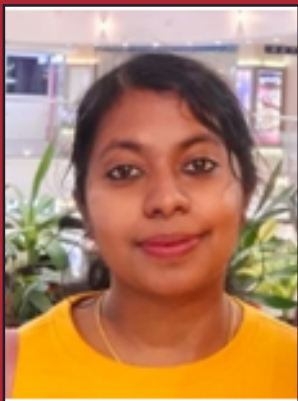
**Ms. Binisha P**  
**EST200**  
**(Design&Engineering)**  
**93%**  
**CET304(Environmental**  
**Engineering)**  
**94%**



**Ms. Amina**  
**Hamnas**  
**MCN201(Sus**  
**tainable**  
**Engineering**  
**)**  
**100%**



**Ms. Athulya**  
**Vijay V**  
**CET202**  
**(Engineerin**  
**g Geology)**  
**93%**



**Ms. Neenu V**  
**CET303**  
**(Design of Concrete**  
**Structures)**  
**91%**



**Ms. Sindhu V**  
**CET309**  
**(Construction**  
**technology&Manage**  
**ment)**  
**94%**



**Ms. Shahana Salam**  
**MCN301**  
**(Disaster**  
**Management)**  
**91%**



**Ms. Ramla TP**  
**HUT100**  
**(Industrial**  
**Economics&Foreign**  
**Trade)**  
**94%**



**Ms. Reena  
Abraham  
09CE6221  
(Environmental  
Chemistry&Mic  
robiology),09CE  
6222(Air Quality  
Management&  
Meteorology)  
100%**



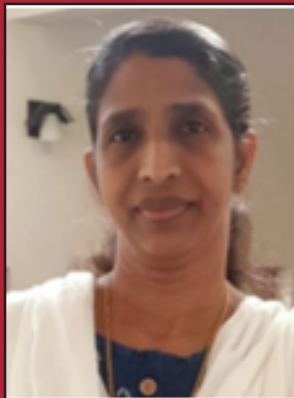
**Ms. Aparna S  
09CE6218  
(Advanced  
Hydrology&W  
ater  
Resources  
Engineering)  
100%**



**Ms Rana Rahman  
09 CE 6235  
(Transport Of Water And  
Waste Water),09 CE 6251  
(Research Methodology),  
09 CE 6232  
(Environmental Impact  
Assessment)  
100%**



**Ms. Harsha P  
09CE6241  
(Solid&Hazardo  
us Waste  
Management),  
09CE6212  
(Biological  
Methods in  
Environmental  
Engineering)  
100%**



**Ms. Sreeja  
09CE6211  
(Applied  
Statistics)  
100%**