



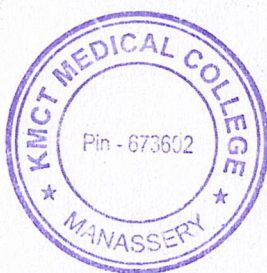
KMCT
MEDICAL COLLEGE

Approved by NMC

Affiliated to Kerala University of Health Sciences (KUHS)

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the information in the attached documents is verified by me and is true to the best of my knowledge.




Principal
KMCT Medical College
Manassery P.O.
Kozhikode

DESIGNATHON 2023

Date : August 5 2023

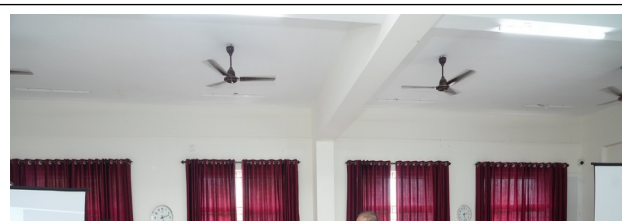
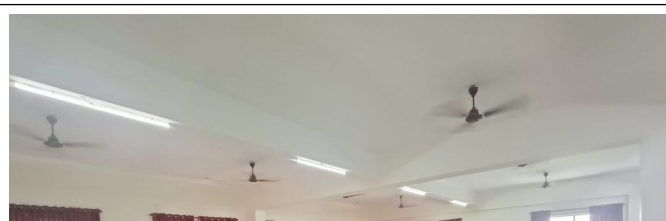
Venue : KMCT College of allied health science

Students from different colleges participated including KMCT medical college nursing college, dental college , polytechnic college, Ayurveda college, college of architecture , arts and science college etc .
 KMCT medical college students prepared a health care application and presented it at Designathon2023 at KMCT CAHS. Nodal officer DrRupesh Raman also participated.

List of participants :

Institution	College of Nursing	Dental College	Polytechnic College	Ayurveda Medical College	College of Architecture
IEDC Nodal Officer	Mrs,Shibilla Abraham	Dr Ravi SV	Nazarmon V P	Dr Deepa & Dr Nidhin	Sravan Satheesh
Designathon Team Leader	Ms.Aparna D U	Dr Parvathy Narayanan	Vinayak PR	Jasir Ahmed	Aysa Mustafa
Participant : 02	Ms.Anjitha	Dr Gopika	Basil	Jiji P Sajiv	Jazeel P P
Participant : 03	Mr,Asif	Dr Sukhil T Sathyan	Muhammed Thajudheen V	Murshida Irfana	Diya Amina
Participant : 04	Mr,Nijaz	Dr Joyal Xavier	Mohammed ajmal		Ashik P Suresh
Participant : 05	Ms.Ifah	Dr Nikitha Rajeev	SHAMLEEL JAFER		Nidha Nasar
Participant : 06	Ms,Namitha	Dr Sneha Chandran	SUJITH PV		Reshmi N
Participant : 07	Ms,Aswathy	Dr Rishana P	Joyel Dojo		Meenakshi S
Participant : 08	Ms,Christy	Dr Vibin V K	ADARSH,M		Ansah T M
Institution	Arts and Sc. (Kuttipuram)	Medical College	School of Nursing	NHIHS	IETM
IEDC Nodal Officer	VINEETH.K	Dr,Rupesh Raman	Vismaya Valsaraj	Benila. S	Don P Jose
Designathon Team Leader	MOHAMMED HILAL CP	Meenu N Manoj	Fathima Jessy K	Vishak	
Participant : 02	MOHAMED ANSIL KV	Manu P S	Anana shamna	ASHIK A	
Participant : 03	MIRSHAD MAHMOOD .T	Sreya Sunil Kumar	Mubeena K	Jahiz	
Participant : 04	RIFA RAHOOF	Nabeela Abdul Khader	Dhilna P	Simsarul Haque. V	
Participant : 05	NAVYA PP	Lamya Shaukath Korothe	Leena Joseph	Hida Fairin M P	
Participant : 06	MUHAMMED JASEER VP	Risvana sherin MC	Rahna T M	Ananthu. M	
Participant : 07	SHEBIN KK	Fathima Henna	Safana T	Siyaf Majeed	
Participant : 08	RISAL VP	IRFANA K	Saniya Loretta	Muhammed Jishan Ali K	

Photos :







Participants list :

- Meenu N manoj
- Manu P S
- Sreyasunilkumar
- Nabeela Abdul Khader
- Lamiyashoukathkoroth
- Riswanasherin M C
- Fathima Henna
- Irfana K

INDUCTION PROGRAM OF IEDC STUDENT LEADS

KMCT MEDICAL COLLEGE - IEDC

Conducted on 24-01-2024 at 12:30PM- 1:00PM in LECTURE HALL - IV

The KMCT Medical College, IEDC aims at cultivating an innovative environment and developing entrepreneurship skills among students. With this regard our IEDC gives prime importance to students to take the lead on all activities conducted under the IEDC banner.

Objective :-

- To introduce the student leads to the college.
- To make the student leads aware of their position and responsibilities.
- Understanding the significance of fostering entrepreneurship and innovation at the grassroot level.

Key Components :-

1. Induction of the student leads was done as follows

IEDC lead	-	Nesna
Quality and Operations Lead	-	Ajay
Finance Lead	-	Haneena
Creative and innovation lead	-	Shreyas
Technology lead	-	Abhijith
Branding and Marketing Lead	-	Shaz
Community Lead	-	Nitha Fathima
Women entrepreneurship lead	-	Navya

2. Leadership and Management Skills

The student leads and others present in the function were told about the significance of these leads and responsibilities to be followed by them. They were made aware of the different aspects of leadership and management skills.

3. Entrepreneurship and innovation workshops

The student leads were told about the upcoming events for the month of february. The main aim of the upcoming events is to create an innovative idea in medtch and try to make it into a startup.

Conclusion :-



The IEDC induction program for student leads served as a cornerstone in nurturing a vibrant culture of entrepreneurship and innovation. By equipping student leaders with the necessary skills, knowledge and networks the program aims to catalyse the transformation of ideas into impactful ventures, driving socio-economic growth and fostering a culture of innovation in the students of KMCT Medical College.



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Induction Programme of IEDC Student Leads

24th January 2024 | 12.30 to 1 PM

Venue

KMCT Medical College Lecture Hall 4

Organised by **IEDC, IQAC, IIC, KIIC**
KMCT Medical College




KMCT Medical College Campus, Mukkam, Kozhikode 673602
www.kmctmedicalcollege.org | www.kmct.org

INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE

Transforming Healthcare with AI : Impact on MedTech explored

KMCT MEDICAL COLLEGE - IEDC

Conducted on 08-02-2024 at 09:30AM- 10:30AM in LECTURE HALL - IV

The IEDC of KMCT Medical College aims to foster innovation and entrepreneurial spirit among students, faculty and the community within the medical college ecosystem. Keeping up with the current trends our IEDC always takes initiative to introduce our students to these platforms. With this in mind we had organised a relevant and appropriate topic of “Transforming Healthcare with AI : Impact on MedTech explored” which was taken by Dr.Abdul Gafoor, Principal of KMCT Institute of Emerging technology and Management.

The purpose of the gathering was to explore the implications, challenges, and opportunities that AI presents for the MedTech sector as it relates to the evolving healthcare landscape.

Key Points Covered:

- ❖ A brief overview of AI applications in healthcare was given at the beginning of the seminar, emphasising how these technologies are revolutionising patient care, diagnosis, treatment, and operational efficiency. The speaker stressed how artificial intelligence (AI) can evaluate enormous datasets, produce insightful findings, and improve healthcare decision-making procedures.
- ❖ Effect on Medical Technology : The talk covered the deep influence of AI on MedTech, showing how sophisticated algorithms and machine learning methods are changing wearables, diagnostic tools, medical equipment, and imaging technologies. Participants looked at instances of AI-driven breakthroughs that have enhanced patient outcomes, tailored treatment regimens, and illness identification.



- ❖ **Challenges and Ethical Considerations:** The conference also covered the regulatory issues and ethical ramifications of integrating AI in healthcare. A number of issues were discussed, including patient consent, algorithm bias, accountability, and data protection. These issues highlight the significance of putting strong governance structures and ethical standards in place.
- ❖ **Future Trends and Opportunities:** Participants engaged in conversations about upcoming developments in AI-driven medical technology. In order to fully utilise AI in tackling global healthcare concerns, the speaker stressed the importance of interdisciplinary collaboration between healthcare experts, technologists, policymakers, and industry stakeholders.

Important insights

- AI has the power to completely transform the way that healthcare is provided by enabling precision medicine, predictive analytics, and individualised patient care.
- Artificial intelligence (AI)-powered medical technology advancements improve clinical results and patient experiences by providing increased diagnostic accuracy, therapeutic efficacy, and cost-efficiency.
- Notwithstanding its revolutionary potential, regulatory, ethical, and interoperability issues must be resolved before AI is widely used in healthcare.
- Leveraging AI to address unmet medical needs and advance healthcare fairness requires interdisciplinary collaboration and knowledge sharing.

To sum up



The "Transforming Healthcare with AI: Impact on MedTech" event offered insightful information about how technology and healthcare are changing together. The future of healthcare delivery is significantly shaped by these initiatives, which facilitate communication and cooperation among stakeholders. Going forward, leveraging AI's transformative potential to improve global health and well-being will require sustained investment in research, innovation, and education.



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Unlocking the future : The Impact of AI in Pathology**KMCT MEDICAL COLLEGE - IEDC****Conducted on 08-02-2024 at 10:45AM- 11:45AM in LECTURE HALL - 3**

The IEDC at KMCT Medical College strives to create a dynamic environment that fosters information sharing, encourages entrepreneurial thinking, and develops the next wave of leaders and innovators. Our IEDC constantly takes the effort to introduce our students to these platforms in order to stay up to date with current trends. In light of this, we had planned a pertinent and fitting programme titled "Unlocking the future: the impact of AI in pathology."

Speaker : Dr. Anupama Raj,
Associate professor,
Department of pathology
KMCT Medical College.

The goal of the event was to investigate how artificial intelligence (AI) might revolutionise the study of pathology. AI technology is developing at a rapid pace, and its application in pathology has the potential to transform patient outcomes, expedite procedures, and revolutionise diagnoses.

Important points:

- The presentation began with an overview of the state of pathology today, including the difficulties pathologists confront in accurately and efficiently diagnosing patients. Conventional techniques mostly rely on the laborious, subjective, and time-consuming evaluation of specimens.
- Role of AI in Pathology: The conversation turned to the subject of AI's application in pathology, highlighting the technology's capacity to analyse large volumes of data, spot trends, and help pathologists diagnose patients more accurately. Artificial intelligence (AI) methods, in particular machine learning and deep learning models, have demonstrated potential in a number of pathology-related areas, such as prognostication, image analysis, and disease classification.
- Applications of AI in Pathology: During the seminar, a number of applications of AI in pathology were examined, including:
 - Image analysis for the identification of aberrant tissue and malignant cells.
 - predictive modelling for the prognosis of diseases and the response to treatments.
 - Automation of routine tasks like data annotation and slide digitization.
 - Workflows in pathology are integrated with AI-driven decision support systems.

Obstacles & Things to Think About:

Notwithstanding the possible advantages, the conference also covered the difficulties and factors to be taken into account while implementing AI in pathology, such as:

- Standardisation and data quality concerns.
- Concerns about ethics and regulations pertaining to AI in healthcare.
- Integration with the workflows and infrastructure already in place for pathology.
- The requirement for ongoing algorithmic evaluation and improvement in AI.

Future Prospects:

The seminar came to a close with a discussion of the increasing role of pathologists in using AI technology to improve patient care and diagnostic accuracy, as well as future views for AI in pathology. To fully realise the potential of artificial intelligence in pathology and to drive innovation, it was noted that collaboration between clinicians, researchers, and technology specialists was essential.

Conclusion.

The seminar titled "Unlocking the Future: The Impact of AI in Pathology" offered insightful information about the revolutionary possibilities of AI in pathology and its consequences for the medical field. Pathologists can improve patient outcomes, increase diagnostic accuracy, and open up new research and innovation opportunities in the field of pathology by utilising AI technologies. In order to build pathology's future in the AI era, the seminar emphasised the significance of embracing technology breakthroughs and promoting interdisciplinary collaboration.

Ideas to consider:

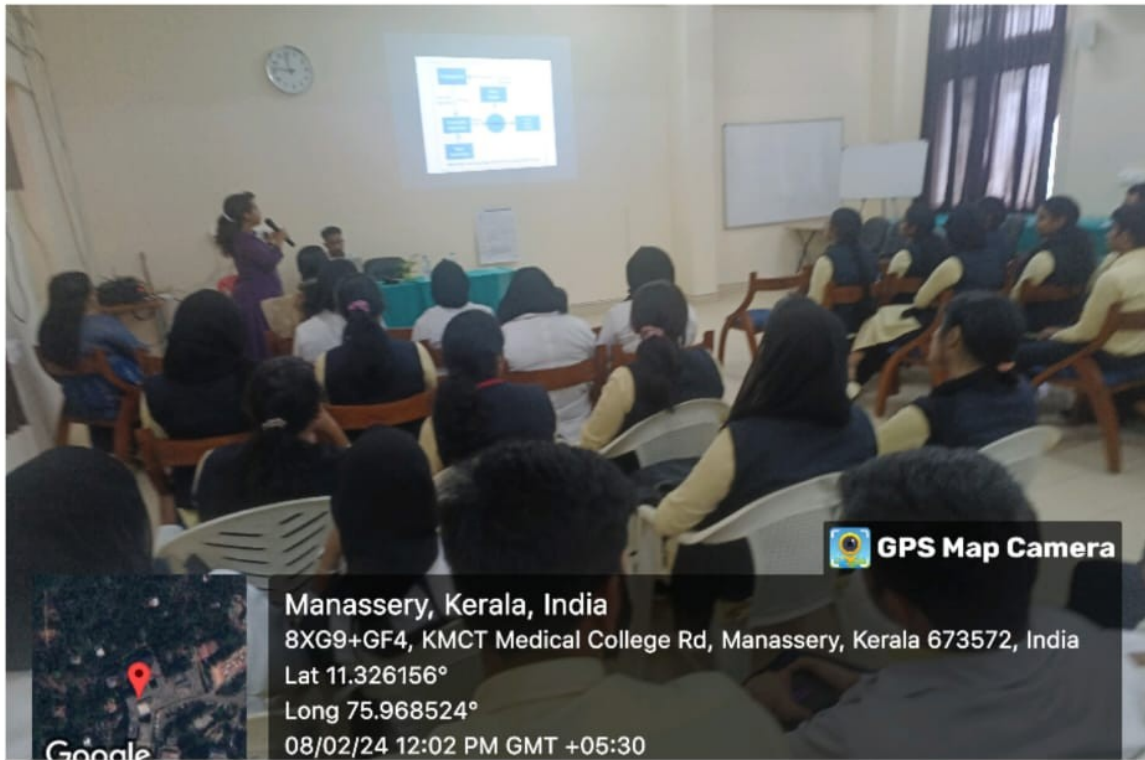
1. Promote ongoing investigation and advancement of AI-powered pathologic remedies.
2. Set rules and regulations for the moral and appropriate application of AI in healthcare.
3. Encourage cooperation between research institutions, businesses, and medical professionals to hasten the application of AI in pathology.
4. Give pathologists and other medical professionals access to training and educational opportunities to improve their knowledge and skills with AI technologies.

All things considered, the seminar acted as a spark for discussion and investigation into artificial intelligence's revolutionary potential in pathology, opening the door for a time when technology and human knowledge will combine to completely reshape the field of diagnostic medicine.



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PIONEERING THE HEALTH CARE FUTURE WITH RELEVANCE OF ACCREDITATION

Venue : lecture hall 4 , KMCT medical college

July 26-2023

Conducted talk on pioneering the health care future with relevance of accreditation by Dr Abdul Gafur, Principal of KMCT institute of emerging technology and management. Students union EKTHA , IEDC and IQAC jointly organized the programme. Nodal Officer, DrRupesh Raman addressed the gathering .Faculties and students of KMCT medical college participated .programme lasted for one and half hour.

KMCT
MEDICAL COLLEGE

www.kmct.org

**TALK ON:
PIONEERING THE
HEALTHCARE FUTURE
WITH RELEVANCE
OF ACCREDITATION**

Lecture Hall 4
26th July 2023 | 10:00 AM - 11:30 AM

Jointly Organized by IQAC,
Ekta Students Union and IEDC

Prof Dr. Abdul Gafur M
(Principal, KMCT Institute of
Emerging Technology and Management)

EKTHA
Students union 23/24

**INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE**

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Chairman Dr KM Navas receiving the LEAP co works collaboration from Kerala Start up mission, Government of Kerala .

**KMCT Group of Institutions
embracing the LEAP Co-works collaboration from
Kerala Startup Mission-a game-changer in the world of
Innovation, Incubation, Networking, and Entrepreneurship.**



Dr. Navas KM (Chairman) Receiving the
Leap collaboration from KSUM, Government of Kerala



KMCT
GROUP OF INSTITUTIONS

KMCT Corporate Office,
KMCT Medical College Campus,
Mukkom P.O, Kozhikode
Pin: 673 602, PH : 0495-2293040



KMCT
INNOVATION AND
INCUBATION COUNCIL



IEDC
KMCT
Thoughtfully together



**INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE**



KMCT
DENTAL COLLEGE
Recognized by MCI (Govt. of India)
Accredited by NMAC with An Accredited
Approved Educational Centre of KUHS



Utilization certificate submitted to KSUM regarding the fund of 2 lakh with expenditure incurred

UTILISATION CERTIFICATE
For the financial year 2022-23(ending 31st March (year)
(To be submitted to the Kerala Startup Mission / T-TBI)

1	Name of the Scheme	Innovation and Entrepreneurship Development Centre (IEDC)
2	Name & Address of the institute • Name • Location • District • Pin Code	KMCT Medical College, Manassery, Mukkam, Kozhikode, Kerala 673602
3	Authorised signatory (with Name & Designation)	1. Dr. Lathi Nair 2. Dr. Rupesh Raman
4	Date of UC Submission	25-04-2023
5	Total amount of fund that was available for expenditure at the start of the financial year	
	i. Cash in Hand	0
	ii. Cash in Bank	2,00,000
	iii. Unadjusted Advances (if any)	0
	Total amount	2,00,000
6	Details of grant received in the financial year • Sanctioned date • Order no • Amount	18-07-2022 KSUM/657/2022 200,000
7	Actual expenditure incurred (excluding commitments)	30,005.90
8	Details of grants position at the end of the financial year (as on 31 March)	
	i. Cash in Hand	0
	ii. Cash in Bank	1,70,386.10
	iii. Unadjusted Advances	0
	Total amount	1,70,386.10

Students leads :



Innovation & Entrepreneurship Development Centre

IEDC KMCT MEDICAL COLLEGE

Executive Committee

- Institution Representative – Principal	Dr. Vijish Venugopal
- Nodal Officer	Dr. Rupesh Raman
- Asst. Nodal Officer	Dr. Neethi R Krishnan
Innovators (Student Leads)	
- IEDC Lead	Nesna Ismail C K (110)
- Quality & Operation Lead	Ajay Krishna (12)
- Finance Lead	Haneena Sawal (69)
- Creative & Innovation Lead	Shreyas Sam (134)
- Technology Lead	Abhijith A D (3)
- Branding & Marketing Lead	Shaz Mohammed (129)
- Community Lead	Nitha Fathima (114)
- Women Entrepreneurship Lead	Navya Viju(109)