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THE INSTITUTION HAS CREATED AN ECOSYSTEM FOR INNOVATIONS INCLUDING INCUBATION CENTRE AND OTHER INITIATIVES FOR CREATION AND TRANSFER OF KNOWLEDGE-

DETAILS OF THE FACILITIES AND INNOVATIONS MADE



✓



KMCT
DENTAL COLLEGE

Accredited by NAAC with A+ Grade
Approved Research Centre of KUHS

VISION

To impulse an innovation ecosystem in the campus and society.

MISSION

By providing the platforms to discover, design, develop and deliver the innovative thoughts.

INTRODUCTION

An incubation center in a college is a dedicated space that nurtures entrepreneurial initiatives and fosters innovation among students. It provides a supportive environment, resources, mentorship, and infrastructure to help students transform their ideas into viable businesses. Our center often collaborates with industry experts, offer networking opportunities, and guide startups through the early stages of development. Overall, incubation center in KMCT DENTAL college play a crucial role in cultivating an entrepreneurial spirit within the academic community.

Every journey need a first step. Journey of thousand miles begin with one step

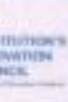
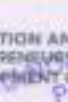
Success is about creating benefit for all and enjoying the process. KMCT

dental college started incubation centre in January 2019. Thus we took the first

step towards success. Our institution provides highest priority to discover our

own enthusiastic mind and let benefit all from our own discoveries. It was an ignite to all entrepreneurs in the campus.

Incubation centre is now affiliated to Kerala start up mission and IIC and in last year we got approval for LEAP (LOCAL ENTREPRENEUR ACCELERATION PROGRAM) co-working space from Kerala startup mission which is a mile stone for our incubation centre





FACILITIES & INFRASTRUCTURE

We would like to mention the benefits of our incubation centre. As a large group, we have 13 educational institutions of various streams within the campus. And our incubation centre has MOUs with various institutions like NIT Calicut, MVR Cancer centre, Milma Milk products etc. The access to all the industries, fab labs, and marketing agencies can easily be done through our collaborations.

Infrastructure available for conducting research and collaborations

1. NIT MoU
2. IPM MoU
3. Industrial collaboration MoU
4. Central library with a great number of books covering all disciplines, huge archive of journal back volumes, subscriptions for majority of online journals and EBSCO.
5. IT facilities including numerous computers in library and high speed internet connection with wifi facility.
6. Multimedia facilities like colour projectors, audiovisual rooms with sound systems, and air-conditioned conference rooms for presentations.
7. Facilities for offline and online education using platforms like EdPuzzle
8. Central library facility with high speed internet connection



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Handwritten text: KMCT Dental Manassery, Kozhikode



9. Training in recent advanced technologies like dental implants, sinus lift procedures, dental lasers, regenerative procedures using PRF, Conscious sedation
10. Newer radiodiagnostic aids like CBCT, Nemoceph - Ceph tracing software
11. Stereo microscope, ceramic furnace, physiodispenser, Biostar-Pressure molding technique, Hydrosolder, Centrifuge machine



Our incubation centre is located in tower 2 of Kmc dental college of size 432 square feet . We have 3D printer , computer and other furnitures





ACHIEVEMENTS

Leap co-working space

KMCT dental college is got its approval as a LEAP coworking space by Kerala Startup Mission. Our chairman Dr. Navas. K. M, received the LEAP coworks collaboration during the inaugural ceremony of IEDC Summit 2023, from Dr. Rathan. U. Kelkar (secretary electronics &IT, Govt. of Kerala) in the distinguished presence of Smt. R Bindu, the Honourable Minister of Higher Education and social justice Kerala, Dr. Saji Gopinath, the vice chancellor of APJ Abdul Kalam Technological University and Digital University, Kerala and Sri. Anoop Ambika, CEO Kerala Startup Mission. We mark this as an important milestone and are energised to embark on an exciting journey of innovation, collaboration and entrepreneurship excellence.

GRANTS RECEIVED IN 2022-23 PERIOD

1. Dr Ravi S V , IEDC NODAL OFFICER , received research incubation start up for the project **Treasure from the trash** from mahatma Gandhi university kottayam
2. DR PARVATHY NARAYANAN got financial assistance for her start up under the research innovation programme for women start up from TBI sahrdaya KSUM
3. DR Nikhitha got selected for first round in idea fest conducted by KSUM. Second round is process
4. DR PARVATHY NARAYANAN got selected in idea fest conducted by KSUM. 59 teams competed from across the state. 20 teams got shortlisted and all of our 5 teams got through. With next phase, KSUM will conduct



Dr. ANOOP KUMAR
Principal
KMCT Dental College
Mullam

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one more round and 5 teams among this list of 20 could win 2 lakh each from KSUM

5. DR ASWATHI VINOD got Nidhi prayas grant of DST from SREE CHITRA INSTITUTE OF MEDICAL SCIENCES 850000/-

6. In KMCT IEDC Designathon 2023 on August 05, Saturday hosted by KMCT CAHS, Dr Parvathy Narayanan got second prize of 15000

PATENTS

13 patents filed (Applicant as KMCT Dental College) and 5 of them are published at present

PROCUREMENT OF 3 D PRINTER

3D printer facility is available in our incubation centre which procured from virtual frontier robotics. It will be mile stone in prototype development and other research work in our specialty. we conducted an orientation session for faculty and post graduates about 3d printing technology and live demo and hands on

SUMMIT PARTICIPATION IN IEDC SUMMIT

1. IEDC summit was held at Rajagiri college, Ernakulum on march 4 and 5 2022 . Around 50 participants participated in this event from our institution

2. IEDC SUMMIT ON OCTOBER 2 AT TRIVANDRUM

Our faculty Dr Ravi SV presented his new business project at the venue



Dr. MANOJ KUMAR
Principal
KMCT Dental College
Manassery, Mukkam

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workshops conducted in 2022-23

SESSION ON ANGEL INVESTMENT/VC FUNDING OPPORTUNITY FOR EARLY STAGE ENTREPRENEURS

The workshop on research grant was planned on IEDC last meeting. we planned the workshop in association with IQAC, IIC KMCT DENTAL COLLEGE and PHD department KMCT dental college. We selected Dr Riaz Abdulla PROFESSOR & HOD Dept. of Oral Pathology, Yenepoya Dental College Mangalore. The resource person has keen interest in Oral Cancer, Biomarkers, Cleft Lip & Palate genetics, Biomaterials, Radiotherapy, Cellular morphology, Staining techniques, Immunohistochemistry. He has got grants from DAE-BRNS (Govt. Of India)

VGST (Govt of Karnataka), Biotechnology ignition Grant (under BIRAC), Yenepoya University Seed Grant (Yenepoya University Funding)

Colgate, SENGENICS & Oxford gene technology (Spin out of Oxford university UK) Yenepoya University (Seed Grant) and ICMR

JULY 6

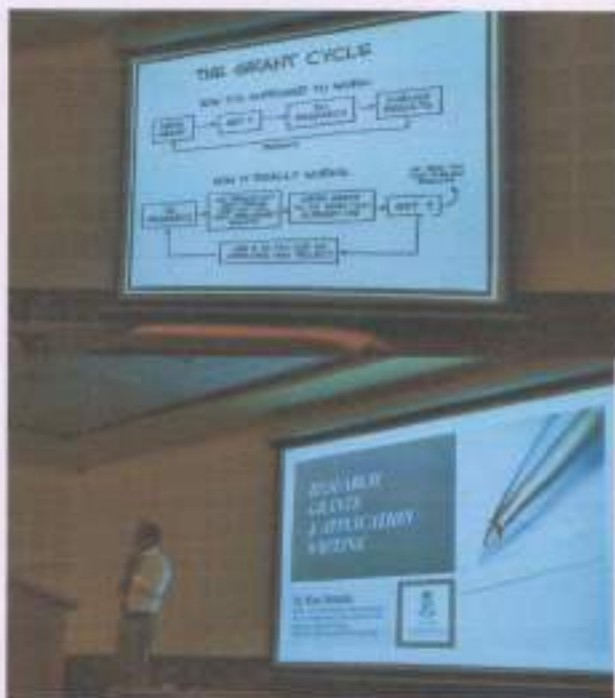
The programme started on July 6 at Mini auditorium at 10 am in morning. Session started with a prayer followed by welcome speech by Dr Dhanya muralidhran. Programme is inaugurated by Dr Manoj Kumar KP, Principal KMCT dental college. Felicitation speech is done by Dr Amit HOD Dept. of paedodontics, IQAC chairman

First day speech was mainly focussed on research and methodology and types of grants. Tea and snacks were provided in between. today's session ended by lunch



JULY 7

Second day programme started at 10 am. Today's session mainly focused on how to apply for grants taking ICMR GRANT as example. he also lists out all national and international grants available



workshop on intellectual property and IP rights

We decided to conduct "Workshop on intellectual property and IP management" on July 14 as decided in the last meeting. Resource person we selected was adv. Vidya A R. She Served as Asst Manager, Placements, ICFAI Academy, Hyderabad for 2 years. she has played a key role in Interaction with corporates to arrange seminars and corporate lectures to bridge the gap between the Institute and the industry, Coordination of Training and placement activities, Handle sessions on corporate laws. She Served as Asst Manager, Developments, EBEL, Chennai for 2 years she used to take up Brand Building activities, Interaction with corporates to place students, Handle sessions on corporate laws.





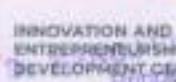
Programme was organised by IQAC, IEDC, IIC and department of public health dentistry. Programme started in 10 am in morning at 7th floor mini auditorium. The resource person covers all topics related to patent, types of patent, trademark, design rights. Categories and importance of IPR IS EXPLAINED BY adv. Vidya AR. She also mentioned about geographical indications in the presentation. It was a well interactive session especially those who started to think about product design and patent. Programme was concluded by 1 pm. tea and snacks provided in between session

A total of 84 participants registered for the event. All the participants shown keen interest in topic and equally beneficial and well happy about the event.



WORKSHOP ON ANGEL INVESTMENT AND V/C FUNDING

As per first quarterly meeting, we decided to conduct a programme on session on angel investment / vc funding opportunity for early stage entrepreneurs as a part of UG orientation towards research and innovation. The programme is designed in a such a way to find out young entrepreneurs in campus and to develop research and entrepreneur ecosystem in campus. Programme is scheduled on 27-11-22 at lecture hall 4, kmct dental college. We selected Ebin ephrel elavathingal as one resource





person. He was incubation consultant in BITS, Goa. He is currently working as research advisor for KICC. Dr Niyas ummer is the research coordinator in kmct dental college. Both are well knowledgeable in respective fields.

Session started with a welcome speech by Dr Dhanya Muralidharan (research coordinator) followed by inaugural speech by Dr Manoj Kumar K P, Principal, KMCT dental college. A total of 28 students attended the programmes. It was a well interactive session. Students cleared their doubts regarding the different aspect of research and innovation. Ebin started his session with his own experience and covered different aspect of research, innovation, challenges in entrepreneurship, different grants available in different categories. Second session was entirely on angel investment / vc funding. Dr Niyas session about funding and grants are also very much beneficial for students. All of them are ready for applying students grants. Session ended with a vote of thanks from Dr Vipindas . Tea and snack provided in between sessions



Dr. MANOJ KUMAR K P
Principal
KMCT Dental College
Manassery, Mukkam





I TALK WORKSHOP ON ENTREPRENEURSHIP AND INNOVATION AS CAREER

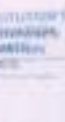
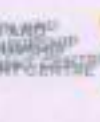
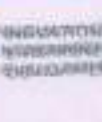
RESOURCE PERSON: DR RAVI SV, NODAL OFFICER IEDC

IEDC KMCT Dental college organised an orientation session about entrepreneurship and innovation as career. Around 32 SECOND YEAR ADDITIONAL students participated for the programme. Response for the talk was overwhelming and active discussion was there at the end. Both participants and IEDC dental college was benefitted from the programme. students are already had a lateral way of thinking which helped to convey the idea of entrepreneurship and innovation, more easily. Session started at sharp 9 am and welcome speech was given by Assistant nodal officer, Dr Vipindas. resource person was Dr. Ravi SV, nodal officer, kmct dental college. this session was really enlightening session and active with narration of true events of great entrepreneurs. At the end of session around 10 students were ready to work as volunteer of IEDC. All of them were aware about IEDC, KIIC, START UP KERALA AND START UP India. He also given a small description about ICMR grants and under graduate research benefits.



DR. MANOJ KUMAR P
Principal
KMCT Dental College
Mukkam, Kozhikode

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I TALK :MY STORY -MOTIVATIONAL SESSION BY SUCCESSFUL INNOVATORS

RESOURCE PERSON: EBIN EPHREL ELAVATHINGAL, FELICITATOR, KMCT INCUBATION CENTRE

As a part of IPL, we organised a session for our first-year students. Resource person was Ebin Ephrel Elavathingal, Felicitor, kmct incubation centre. Resource person well knowledgeable in the area. He has been mentoring for so many incubators and former facilitator for BITS, Goa. He has vast experience in delivering the talk the talk to young enthusiastic students. He carried way the students to a world of entrepreneurship and showed them a vast scope of entrepreneurship. He pointed out so many great personalities who had failed in initial days of life. His motivational session really enlightened with more narration. session started at sharp 8 am. it was a short and concise session. All the



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participants were happy about the content of the session and we got so many IEDC volunteers.



I TALK : MY STORY

MOTIVATIONAL TALK BY SUCCESSFUL ENTREPRENEUR

As a part IPL programme, we arranged an orientation session for third year BDS additional batch. Programme started at 9 am. About 32 students participated the programme. Programme was mainly focused on successful entrepreneurs who created a successful history even after so many failures. Motivational video session is also included in the session. Participants are well benefited from the programme. All of them were well aware about the IEDC, KIIC, START UP KERALA AND





START UP INDIA . Small session also arranged on different grants and scope of research in future. After the session we got around 7 students interested to work as IEDC volunteer.

FUTURE PLANS

1. Our plans in future is to affiliate with many organizations like

-Startup india

-Ministry of Micro, Small & Medium Enterprises (MSME)

-National Science & Technology Entrepreneurship Development Board
(NSTEDB)

2. Promotion of research grants and patents among faculty and students

3. Development of more prototypes and product development from our institution



Dr. MANOJ KUMAR P
Principal
KMCT Dental College
Mukkam, Kozhikode

