॥ स्वास्थ्य-सेवा-सुशिक्षणम् ॥

MIMER MEDICAL COLLEGE

MAEER MIT Pune's

MIMER MEDICAL COLLEGE & Dr. BSTR HOSPITAL,

TALEGAON DABHADE, PUNE - 410 507

Institutional Best Practice - 2

PROMOTING RESEARCH ENVIRONMENT AMONGST FACULTY AND STUDENTS

BEST PRACTICE 2

Promoting Research Environment amongst Faculty and Students Objective: -

1. To inculcate and promote research environment in the institute
2. To conduct training programs
3. To promote quality publications in reputed indexed journals
4. To promote innovative temperament
5. To enhance visibility and recognition in the field of research

The Context :-

As the world is moving towards evidence-based medicine, constant upgradation of knowledge is required to meet the needs of the society. Insight through medical research can provide healthcare solutions. The institute has established Research Society, Central Research Laboratory (CRL), Department of Clinical Research and Incubation Centre to provide avenues for the faculty and students to contribute in this direction.

The Practice: -

Research Society along with Medical Education Unit conducts workshops, provides grants for research projects, presentation in conferences, publication etc. for faculty. It also arranges monthly research society meetings, guest lectures and annual research conference. Central Research laboratory focuses on development of new nano materials for early diagnosis and treatment of cancer, submucosal fibrosis and non-invasive prenatal prognosis of genetic diseases. CRL aims to empower faculty and students in pursuing hard core research by providing high end research infrastructure.

Department of Clinical Research and Incubation Centre was established on 2nd December 2019 with the aim of guiding students and faculty through the research process, to help identify funding agencies and facilitate procurement of grants. The department also guides the participants about generating research idea, developing a research proposal, data entry and analysis, use of reference management software, selection of journal, critically reviewing a research paper etc. Courses like "Orientation to Clinical Research for Postgraduates" and "Certificate Course in Clinical Research" have been started to help students to identify the vital areas of research and empower them with all the technical knowledge and skills in conducting research.

Evidence of Success:

There has been growth in the quality and quantity of research activities by the students and faculty in terms of ICMR-STS, STRG, LTRG projects. The institute presented highest number of projects at the MUHS Research Society Conference 2019 amongst all the medical colleges in the state.

CRL has received grants totalling 1 crore, from government agencies such as Department of Science and Technology and Department of Biotechnology. Ongoing projects include Biomimicking nanorobots for targeted Anticancer drug delivery, studying behaviour of cancer cell on dynamic surfaces and producing wound dressing material for nosocomial infections.

Work from CRL has been published in highly reputed journals such as Scientific Reports (Nature Publication), Biomaterial Science, Nanoscale Advances etc. Dr. Shashwat Banerjee, Head CRL has secured a place in the list of World Scientist and University Ranking 2021.

Problems Encountered and Resources Required:

1. Procedural delay in the acceptance and publications of research work
2. Inadequate knowledge about funding agencies and their procedure.

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1. RESEARCH SOCIETY MIMER MEDICAL COLLEGE

Established in 1996 Research society has played a very important role in shaping research culture in MIMER Medical college.

Since 2012 Research Society is conducting Annual Research Society Conference which gives platform to faculty and students to present their work.

Research Society also provides

- Grants: -Provides grants to faculty for research, presentation in conferences, publication etc.
- Gives Training
- Conducts workshops in research methodology (along with MEU)
- Monthly research society meetings and organizes guest lectures
- Conducts Annual Conference (ARSC) since 2012 and till now 9 annual conferences were conducted. Last one was in November 2021.

National level annual research conference. An academic feast which provides platform to faculty & PG students to present their academic work.

Annual Research Society Conference

Every year conference is conducted by the collaboration between different departments of the Institute.Topics of importance to various specialities were included in the conference.

The 9th research conference (2021) was a **National Blended conference** with over 400 delegates from all over India and over 200 scientific papers/posters presentations.

The 9th research conference (2021) saw participation of over 1000 delegates and over 200 scientific papers/posters presentations

9th Annual Research Society Conference had talks on COVID and related health care by the esteemed faculty from different specialities. The conference also hosted a Panel discussion which was conducted by Prof. Dr Virendra Ghaisas Executive Director of MIMER.MIMER has hosted MUHS State Level Research Conference 2018-2019(Medical faculty) MIMER presented maximum research projects at the research competition 12 projects approved for STRG/LTRG grants.

MUHS
State Level
Research Conference '18-19
(Medical Faculty)

at

MAEER's MIMER Medical College, Talegaon Dabhade, Pune

on

14th March 2019

9 am to 3pm

Sushrut Hall, 1st floor (OPD complex)

MIMER Medical College & Dr.BSTRH, Talegaon (D) Pune 410507

MIMER Medical College, under the aegis of MUHS presents an ideal academic platform for the students and faculty of medicine of the state, for the exchange of the valuable information about their research works.

For Details :

Coordinator: Dr. Derek Dsouza - 09823544840

Email : director.nbcic@mitmimer.com

(0253) 2539288 (MUHS)

Registration :

https://events.muhs.edu.in/conferences/conference.aspx

2. MIMER MEDICAL JOURNAL

The MIMER Medical Journal (MMJ) is a multidisciplinary, open-access journal published biannually since 2017. MMJ has published NINE issues till date. MMJ is the peer-reviewed official journal of MIMER Medical College, Pune. We aim to inform our readers of novel concepts, opinions, developments and key issues in the medical field – clinical and research alike, to spark interest, conversation and innovation amongst medical practitioners of all disciplines. We envision this objective to be fulfilled by submission of original research findings, reviews, case reports and scientific reports of novel diagnostic/therapeutic technologies. The scope of MMJ is a wide one, in that the editorial board welcomes innovative, novel, thought-provoking and inspiring content which will keep the reading medical community in a state of constant learning and contemporary awareness. MMJ is **Indexed with Index Copernicus, Google Scholar, ICMJE, ICI, Proquest , Scientific indexing services**.

3. CENTRAL RESEARCH LABORATORY(CRL)

Central research laboratory is a state-of-the-art Research Infrastructure which is headed by Dr Shashwat Banerjee, PhD a renowned scientist with his team members Dr Govind Chate, PhD, Ms Shraddha Patil (Jr Project Assistant).

This Laboratory deals with various biomedical research in the field of

- Nanomedicine
- Nanodiagnostics
- Nanorobots
- Cell Biology
- Oncology Therapeutics.

The department has received grant for research from following Governmental Organizations.

1. Department of Science and Technology, Govt. of India

सत्यमेव जयते

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग

GOVERNMENT OF INDIA
Ministry of Science and Technology
Department of Science and Technology
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

2. Department Biotechnology, Govt. of India

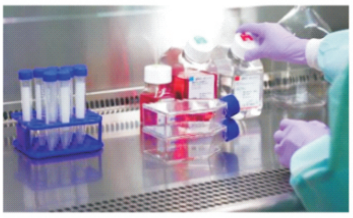
DEPARTMENT OF BIOTECHNOLOGY
सत्यमेव जयते
GOVERNMENT OF INDIA

The Central Research Laboratory has most modern instruments for biotechnological research.

Fluorescence Microscope *(Carl Zeiss)*

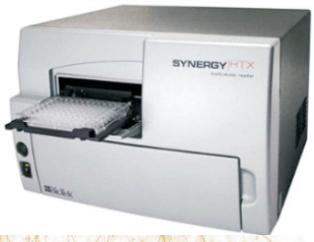
Fluorescence Spectrophotometer

Micron-Range Video Capture system

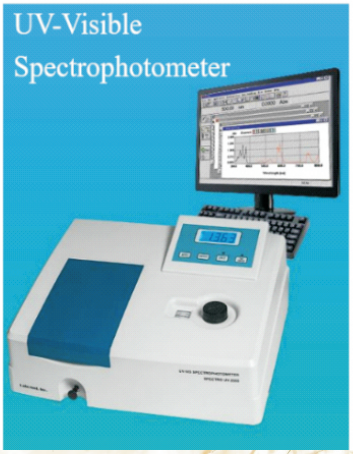


Cell Culture lab

Multi-plate Reader



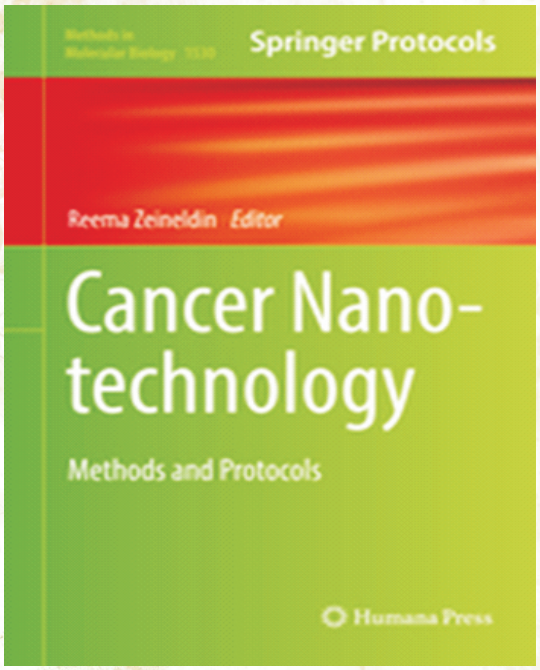
Probe sonicator

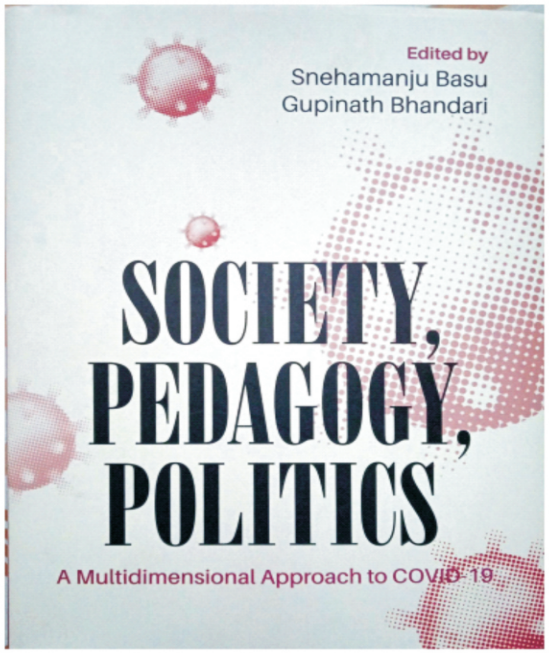


Name of the Instrument	Cost of the Instrument
Carl Zeiss fluorescence microscope (Axio observer A1)	INR 950000.00 [Market price 15,90,000.00]
Cary Eclipse Fluorescence Spectrophotometer (Agilent Technologies)	INR 1223003.00 [Market price 1735780.00]
Thermo Scientific Plate reader (Multiscan FC)	[Market price 149000.00]
Biosafety Cabinet	[Market price INR 225000]

It has 15 publications in world reputed journals & has THREE Patents and ONE copyrights files for approval.

Books and chapters written in books :-





Publications from Central Research Laboratory: -

YEAR	NUMBER OF PUBLICATIONS
2022	1
2021	4
2020	5
2019	1
2018	2
2017	1
2016	1
Total	**15**

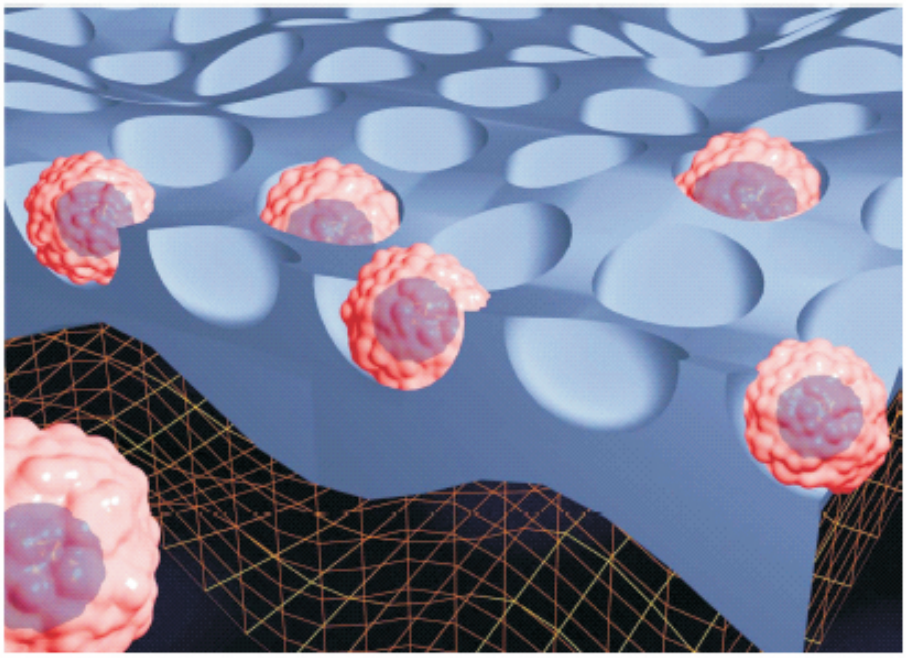
Total grants received for completed projects :-

	Title	Grant Agency	Duration	Amount (INR)
1	Self-propelled Water Driven Nanomachine For Rapid Capture and Isolation of Circulating Tumor Cells	Department of Science and Technology (DST); Grant No: SR/NM/NS-1189/2016	2017- 2021	56,58,168/-
2	Self-propelled Magnetically Controlled Nanorockets For Transportation and pH Triggered Drug Delivery	Department of Biotechnology (DBT); Grant No: BT/PR21922/NNT/ 28/1241/2017	2018- 2021	41,59,400/-

Research Project Submitted for grants:-

	Title	Grant Agency	Submitted	Amount (INR)
1	Design and Development Of Copper Oxide based Respirator against Covid-19	Maharashtra University of Health Sciences, Nashik	07 May, 2020	10 Lakhs

The research from CRL was featured as cover page in various reputed journals like NATURE India, Nanoscale advances etc.



Showcasing the research from Prof. Jayant Khandare's group at School of Pharmacy, Dr Vishwanath Karad MIT World Peace University, Pune and Dr. Yuvraj Patil at MIMER Medical College, Pune, India.

Cellular regeneration and proliferation on polymeric 3D inverse-space substrates and the effect of doxorubicin

3D inverse spaces (3DIS) in polymeric matrices show a robust platform for 3D cell growth and cell regeneration in sharp contrast to flattened cells cultured on conventional 2D cell culture substrates. 3DIS milieu system leverage the growth of the cells potentially restoring intrinsic morphology versus in 2D culture, and also altered exemplified in drug dose-responses.

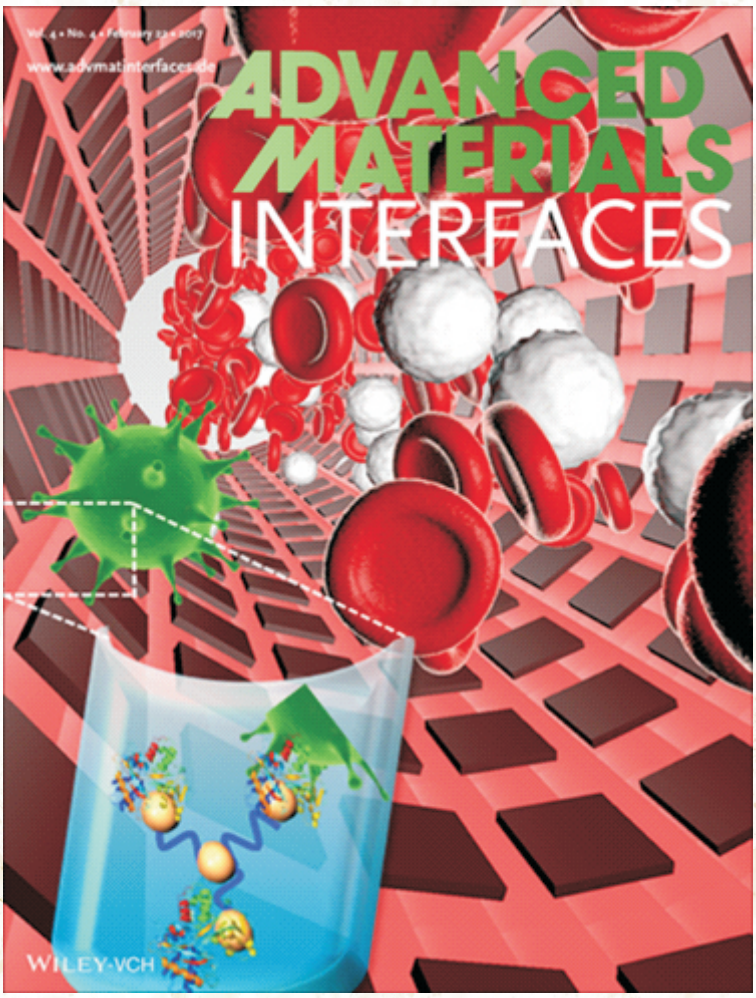
As featured in:

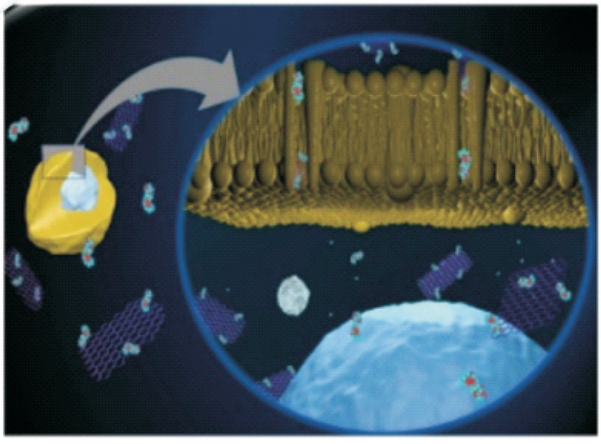
See Yuvraj N. Patil, Jayant J. Khandare et al., *Nanoscale Adv.*, 2020, 2, 2315.

ROYAL SOCIETY OF CHEMISTRY

rsc.li/nanoscale-advances

Registered charity number: 207890





Showcasing research from Prof. Jayant Khandare's group at School of Pharmacy, Maharashtra Institute of Technology - World Peace University and Dr Shashwat Banerjee's group at MIMER, India.

Cell deformation and acquired drug resistance: elucidating the major influence of drug-nanocarrier delivery systems

Graphene-based nanocarriers carrying doxorubicin demonstrate acquired drug resistance. Repetitive chemo-cycles of these nanocarriers generated deformations on HeLa cells, and quantitative analysis of these deformations revealed phenotypic expressions of acquired drug resistance.

As featured in:

Cell Deformation and Acquired Drug Resistance: Accounts of Major Influence of Drug-nanocarrier Delivery Systems, ***Journal of Materials Chemistry B***, 2020, 8, 1852-1862. (***Editorial pick as back cover page story***)

Research Work highlighted in Nature India

Magnetic nanorobots detect circulating cancer cells in blood, *Nature India*, doi: https://doi.org/10.1038/d44151-021-00077-z, Nov 2021.

nature india

RESEARCH HIGHLIGHT

Magnetic nanorobots detect circulating cancer cells in blood

May help scientists develop low-cost microchips to diagnose cancers rapidly

Schematic drawing of the self-propelling MNs and HCT116 cell capture. Credit: Commun. Chem. Wenhuan

Various Media also recognized the work of MIMER Medical College in field of Nanomaterial research.

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Home / Cities / Pune / Maharashtra: MIMER develops nano robot for rapid cancer diagnosis

Maharashtra: MIMER develops nano robot for rapid cancer diagnosis

The new nano robot-based diagnostic tool is likely to help improve cancer treatments and enable early

By: Express News Service | Pune |

The findings were published recently in the peer-reviewed journal Communications Chemistry under the title 'Water-Powered Self-Propelled Magnetic Nanobot for Rapid and Highly Efficient Capture of Circulating Tumor Cells'. (Representational image)

The Indian EXPRESS Home India World Cities Opinion Sports Entertainment Lifestyle Tech Videos Explained Audio Epaper Sign in

MIMER develops nanorobot for accurate cancer diagnosis

EXPRESS NEWS SERVICE
PUNE, DECEMBER 4

THE MAHARASHTRA Institute of Medical Education and Research (MIMER), Pune, has developed a nanorobot that is programmed to capture and isolate circulating tumor cells. This new nanorobot is expected to lead to a new rapid and accurate diagnostic method for cancer prognosis, Dr Prof Shashwat Banerjee, scientist, MIMER Medical College, Pune said.

"In search of better cancer diagnostics, scientists from MIMER, Pune, synthesised multifunctional nanorobot using Magnesium iron oxide Janus nanoparticles. The reported cells exhibited ~ 100% capture efficiency in less than 5 minutes. The nanorobot was further clinically validated by testing on cancer patient's blood samples and it exhibited rapid and efficient circulating tumor cells capture ability." Dr Banerjee said in a statement. The findings have been published recently in the peer reviewed journal, Communications Chemistry with the title, 'Water-Powered Self-Propelled Magnetic Nanobot for Rapid and Highly Efficient Capture of Circulating Tumor Cells.'

"This new nanorobot based diagnostic tool may help in improving cancer treatments, allow for better treatment control, enable early interventions, and change decision making from reactive ac-

Home / Cities / Pune / Maharashtra: MIMER develops nano robot for rapid cancer diagnosis

Maharashtra: MIMER develops nano robot for rapid cancer diagnosis

The new nano robot-based diagnostic tool is likely to help improve cancer treatments and enable early interventions, a scientist at MIMER said.

प्रभात
पुणे, शनिवार, दि. ४ डिसेंबर २०२१

'नॅनो रोबोट'मुळे होणार कर्करोगाचे अचूक निदान

पुढारी
पुणे, रविवार, दि. ५ डिसेंबर २०२१

नॅनो रोबोटद्वारे होणार कर्करोगाचे अचूक निदान

'इन्स्टिट्यूट ऑफ मेडिकल एज्युकेशन अँड रिसर्च'मधील शास्त्रज्ञाचे संशोधन

नवभारत
पुणे, गुरुवार, दि. ९ डिसेंबर २०२१

कैंसर का निदान करेगा नैनो रोबोटस

एमआईएमईआर मेडिकल कॉलेज की खोज

कैंसर के एडवांस स्टेज का विश्लेषण असली से

Media Highlight

Nanorobot technology might soon be India's new cancer weapon

Pune scientists see hope in nanotech to deliver anti-cancer drug to tumour, without harming rest of the body

VINOD KUMAR MENON
vinodm@mid-day.com

A TEAM of cancer scientists in Pune are researching a unique nanorobot technology that can specifically target a tumour without damaging healthy cells of other organs. Unlike chemotherapy, which affects the healthy organs and cells of cancer patients, the nanorobot will be able to deliver the anti-cancer drug right inside the tumour and prevent any damage to the rest of the body.

The research has been funded by the Department of Bio Technology (DBT), Government of India, and is being spearheaded by Dr Shashwat Banerjee, 43, who heads the Central Research Laboratory at Maharashtra Institute of Medical Education and Research (MIMER) in Pune, and Dr Jayant Khandare, professor in school of pharmacy, MIT-WPU, Pune. The team has already applied for patent rights.

The idea to research this technology came about, when Dr Banerjee witnessed firsthand the harrowing experience of two of his relatives in Kolkata, who were battling intestine cancer and brain tumour, respectively. The side-effects of chemotherapy had taken a toll on them, recalled Dr Banerjee, who has 14 years of experience in nanotechnology.

In 2017, he submitted a concept note to DBT and the Department of Science & Technology, Government of India. "They immediately accepted the concept, and sanctioned ₹42 lakh in instalments for the research work," he said.

In conventional therapy, anti-cancer drugs and drug carriers depend on blood flow to target cancer cells. "These drugs and drug carriers cannot enter deep inside the tumour. They are only able to kill cancer cells at the periphery of it. Hence, they cannot completely eradicate a tumour," said Dr Banerjee. This approach, he said, also attracts several side-effects as anti-cancer drugs kill normal, healthy cells too. "Targeting the anti-cancer drug to cancer cells using nanorobots can help overcome the limitation faced in conventional therapy, thus sparing the normal cells from getting damaged," he added.

The primary aim of developing new chemotherapy delivery systems is to reduce the number of doses, and the nanorobot system, said Dr Banerjee, can achieve this too.

Dr Banerjee said that these synthesised nanorobots will use iron oxide nanoparticles, carbon nanotubes (loaded with the anti-cancer drug doxorubicin), and a cancer cell targeting protein. The nanorobots have already been tested on cancer cells and ex vivo (outside body) tumour models.

As part of the next step, the nanorobot platform will be clinically tested on animals, before being tested on cancer patients. Once the pandemic is under control, the team will be approaching cancer hospitals in Mumbai and Kolkata, to carry out these trials. "Request for permissions will be sent to concerned departments soon. FDA approved materials will be used to make the nanorobots," Dr Banerjee said, adding that the entire exercise is a cost effective one.

A junior scientist seen in the laboratory of MIMER Medical college, where the technology is being researched

Expert Speak

Professor Shailesh V Shrikhande, deputy director, Tata Memorial Hospital said that the study is a step forward in India's quest for "improved and precise drug delivery in the management of cancer". "The journey ahead is still a long one, but the authors should be complimented for taking this step," he said.

[During the test], the anti-cancer drug delivered by nanorobots were able to kill cancer cells and reduce the tumours more efficiently than the anti-cancer drug administered conventionally
Dr Shashwat Banerjee

former Mumbai BJP chief Ashish Shelar slammed the Shiv Sena. "First, it was the Sion incident, where a video showing bodies wrapped in black plastic sheets lying next to patients went viral. Instead of learning from the past, the civic administration repeated the mistake," Shelar said.

mid-day on Saturday had carried a report on how the staff of Shatabdi Hospital in Kandivli made Kunal Utekar wait the body of his mother Pallavi and that too, without giving him any protection kit to wear. The boy had to call his cousin to the hospital for help—to shift his mother's body from the ward to an ambulance.

The MLA from Bandra, said in a tweet, "This is criminal negligence and complete disregard for Mumbaikars' lives by the BMC and MVA government."

The Opposition is leaving no stone unturned to upset the Shiv Sena, which is at the helm of affairs in BMC and even at state. Shelar in his communication, added, "The civic administration and the ruling party have been consistently showing apathy towards the citizens of Mumbai. This letter is to reflect anger... against inhuman treatment meted upon Mumbaikars."

mid-day's report on Saturday exposed the negligence caused at Shatabdi Hospital

Ranked in Top 100 article (*11th Ranked Article)

scientific reports

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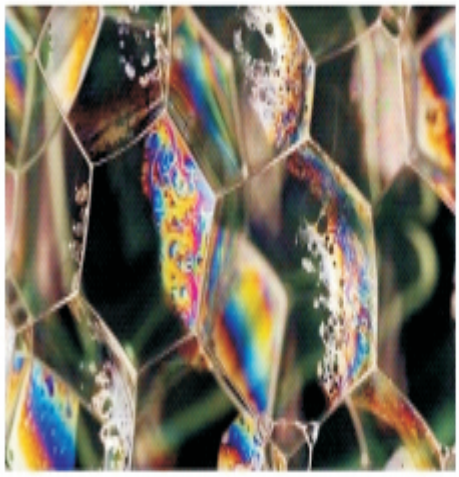
nature > scientific reports > collection

COLLECTION | 31 MARCH 2021

Top 100 in Chemistry

This collection highlights our most downloaded* chemistry papers published in 2020. Featuring authors from around the world, these papers showcase valuable research from an international community.

*Data obtained from SN Insights which is based on Digital Science's Dimensions.



1-25

ARTICLE

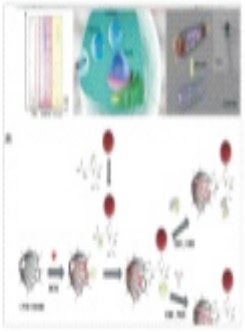
OPEN ACCESS

13 MAR 2020

Scientific Reports

Self-Propelling Targeted Magneto-Nanobots for Deep Tumor Penetration and pH-Responsive Intracellular Drug Delivery

Saloni S. Andhari, Ravindra D. Wavhale ... Shashwat S. Banerjee



4. DEPARTMENT OF CLINICAL RESEARCH AND INCUBATION CENTER

With the vision to establish ourselves as a Centre of Excellence in the field of research amongst all the medical colleges in the country the Department of Clinical Research and Incubation Center was established in 02/12/2019.Its mission to create an research oriented environment by nurturing innovative ideas, providing training to researchers, facilitating infrastructural requirements and research grants, promoting collaborative research activities and striving to improve the quality and relevance of research to align with the needs of the community.

Headed by Dr Janice Jaison It plays a role as a single point platform to co-ordinate all clinical research activities in the Institute with following objectives:-

- To be a "common umbrella" under which all research and related activities of the institute are undertaken.
- To identify new areas of research and nurture innovative ideas to align with the emerging medical needs of the community.
- To conduct training courses in research methodology and related software
- To help identify funding agencies and facilitate procurement of grants
- To provide guidance for effective manuscript writing for publication of the research work.
- To promote, develop and improve scientific exchange of knowledge as well as technical co-operation between various research institutions and bodies.

Following activities are done under the department to promote research in students and faculty: -

1.Guidance in developing robust proposals through one-to-one meeting sessions (New research ideas, writing proposal, applications for grants, biostatistics, analysis etc.)

2.Conduct training courses in research methodology and related software.

3.Helping to identify funding agencies & facilitate procurement of grants

4.Provide guidance in writing a research paper from the perspective of reviewers.

Activities conducted by the Department of clinical research and incubation center:-

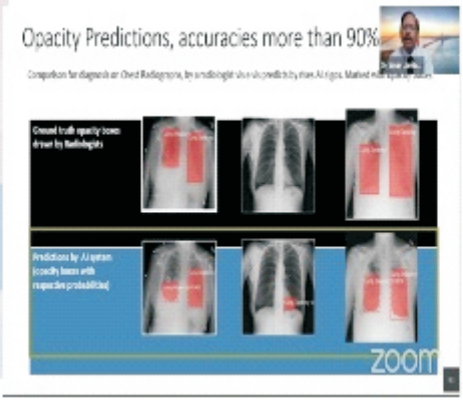
Year	Sr.No.	Name of activity
2020	1.	Young Researchers' Symposium
	2.	Reorientation to Clinical Research- A New Outlook
	3.	Research for All
	4.	Clinical Research in Medical Institutes in India- Need for a new outlook in Post Covid Era
	5.	Covid 19- Pathogenesis, Diagnosis & Management
	6.	Data Entry and Analysis
	7.	Workshop on Reference Management Software
	8.	Artificial Intelligence- The Scope in Covid Pandemic
	9.	Find your Icons- Medical Superspecialities
	10.	The Soldiers in White Coat- Bracing for Emerging Challenges
	11.	Meet your Icons- Surgical Superspecialities
	12.	Workshop on Orientation to Methods in Clinical Research : Part I – Development of Synopsis for JR1 & PG guides
	13.	Workshop on Orientation to Central Research Laboratory
2021	1.	Selection of Journal
	2.	Mucormycosis:-An Emerging challenge in COVID 19
	3.	Mucormycosis:-All that We Know Today
	4.	Workshop:-Conduct of journal club
2022	1.	Advanced GCP training & Regulations in Clinical Research
	2.	Importance of research in medical education

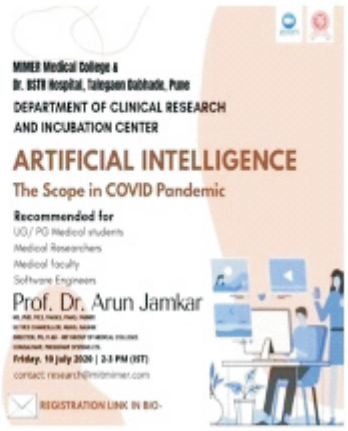
ACTIVITIES OF DCR & IC:-
Young Researcher's Symposium:

FIND YOUR ICONS programme: -

WEBINAR
COVID-19
Pathogenesis | Diagnosis | Management
"Sharing what we know today"
Hear from the experts, about what we all should know about the disease today.
DR SAMEER MELINKERI
DR PARIKSHIT PRAYAG
DR RAMPRAHA PATWARDHAN
Date & Time
11th June 2020 (Thurs)
2:30 to 3:30pm (60 min)
ORGANIZED BY
MAEER's
MIMER Medical College & Dr.BSTR Hospital, Talegaon Dabhade, Pune
DEPARTMENT OF CLINICAL RESEARCH & INCUBATION CENTER
Contact : 9881108842 / WhatsApp : 7263976150
E mail : research@mitmimer.com
QUESTIONS TO THE EXPERTS
will be accepted till 9th June 2020 (4pm)
e mail : covidinfo@mitmimer.com
Recommended for
Medical Students
Faculty of Medical Institutes
Doctors of 'COVID Hospitals'
Resident Doctors
General Physicians
Registration Link :
https://zoom.us/meeting/register/tJcvceisqjIoGHtPilwM8

zoom


Opacity Predictions, accuracies more than 90%
zoom


MIMER Medical College &
Dr. BSTR Hospital, Talegaon Dabhade, Pune
DEPARTMENT OF CLINICAL RESEARCH
AND INCUBATION CENTER
ARTIFICIAL INTELLIGENCE
The Scope in COVID Pandemic
Recommended for
UG/ PG Medical students
Medical Researchers
Medical faculty
Software Engineers
Prof. Dr. Arun Jamkar
Friday, 10 July 2020 | 2-3 PM (IST)
contact: research@mitmimer.com
REGISTRATION LINK IN BIO-

zoom

MAEER's
MIMER Medical College &
Dr.BSTR Hospital, Talegaon (D), Pune
Celebrating 25 years
WEBINAR
"The Soldiers in White coats - Bracing for the emerging challenges"
Tuesday, 21st July 2020 3 to 4 PM
GUEST SPEAKER
Lt Gen (Dr) Madhuri Kanitkar, AVSM, VSM
MD, DNB (Paediatrics)
Deputy Chief of Integrated Defence Staff (Medical), HQ IDS
Prime Minister's Science, Technology & Innovation Advisory Council
Member, Board of Governors in supersession to Medical Council of India
"Our army men are ready to defend the nation even with sticks", said Jawaharlal Nehru during the Indo-China war. Today, doctors in many parts of the country are also doing something similar, but will that help us win this war ?
In these times of extreme uncertainties, let us hear from one of the most decorated and revered officers of the Indian army and a doctor par excellence, on fighting this 'unprecedented war', and try to allay some of our anxieties pertaining to the medical practice.
Recommended for : Medical practitioners, medical students & faculty of the state
Registration Link
Principal
Col Dr R P Gupta
Executive Director, MIMSR
Dr Sucheta Kaval Nagore
Moderators
Dr Eric D'Souza
Dr Sushma Sharma
Contact
Department of Clinical Research & Incubation Center, MIMER
Call : 02114-308100 / WhatsApp: 7263976150
E mail : research@mitmimer.com
LIVE
Youtube

MUHS

Maharashtra University of Health Sciences

22ND FOUNDATION DAY

WEBINAR

CLINICAL RESEARCH IN MEDICAL INSTITUTES IN INDIA

NEED FOR A NEW OUTLOOK IN POST-COVID ERA

Date : 10th June 2020 (Wednesday) Time -12:15 to 1 PM

ORGANIZED BY
MAEER's
MIMER Medical College & Dr.BSTR Hospital, Talegaon (D), Pune
DEPARTMENT OF CLINICAL RESEARCH & INCUBATION CENTER
research@mitmimer.com

Keynote Address

Prof. Dr Dileep Mhaisekar
Hon.Vice Chancellor, MUHS

Speaker

Dr Digant Gupta,
MBBS, MPH (USA)
Clinical Research Consultant, MIMER, Pune

Register in advance for this meeting:
https://zoom.us/meeting/register/tJ0ofuutrDwpE9fP2GfARz-_Iy-AjMQ-hAVw
After registering, you will receive a confirmation email containing information about joining the meeting.

For details contact : Call : 02114-308300 / WhatsApp: 7263976150

DCRIC

MAEER's
MIMER Medical College, Talegaon Dabhade, Pune

DEPARTMENT OF CLINICAL RESEARCH & INCUBATION CENTER

WEBINAR

Data Entry & Analysis

Learn the basics of the two vital parts of a clinical research, and enhance your research methodological skills to make your study and manuscripts more effective and scientifically robust.

Jun 29, 2020 11:00 AM (India)

RESOURCE FACULTY

Dr Swati Raje, PhD
Asst. Prof., Dept. of Community Medicine
Sr. Statistician
MIMER Medical College

Dr Digant Gupta, MBBS, MPH (USA)
Clinical Research Consultant,
MIMER Medical College

Recommended for
UG/PG Students ◌ Medical Faculty ◌ Researchers

Register in advance for this meeting:
https://zoom.us/meeting/register/tJIsduGspjkvEtTFw1z7mfE3eYXeNr_P_kYd

(REGISTRATION LINK IS ALSO ATTACHED IN THE ACCOMPANYING MESSAGE)

E mail : research@mitmimer.com

DCRIC

MAEER's MIMER Medical College &
MAEER's Physiotherapy College, Talegaon Dabhade, Pune

DEPARTMENT OF CLINICAL RESEARCH & INCUBATION CENTER

WORKSHOP
on

Reference Management Software

When writing a manuscript of a research paper, RMS helps the researchers find relevant literature, allows storage in a personal database for later retrieval, and insertion of citations & references in a chosen style

RESOURCE FACULTY

Dr Varoon C Jaiswal, MPTh, PhD (Scholar)
Professor, MAEER's Physiotherapy College
Dr Swati Raje, PhD
Asst. Prof., Dept. of Community Medicine
MIMER Medical College
Dr Digant Gupta, MBBS, MPH (USA)
Clinical Research Consultant,
MIMER Medical College

2nd July, 2020 11:00 AM (India)

Recommended for
UG/PG Students
Medical Faculty
Researchers
PhD scholars

Highlights
Only 30 Participants
Hands-on training
Interactive sessions
Certificates

Register in advance for this meeting:
https://zoom.us/meeting/register/tJwtde-pri4oHtfyiM8Szc_FBYhghkc6LfWm

(REGISTRATION LINK IS ALSO ATTACHED IN THE ACCOMPANYING MESSAGE)

E mail : research@mitmimer.com

MAEER's MIMER Medical College &
Dr.BSTR Hospital, Talegaon Dabhade, Pune
Department of Clinical Research & Incubation Center

WORKSHOP ON ORIENTATION TO METHODS IN CLINICAL RESEARCH

A two day training program to orient the PG students in the basics of clinical research.

4th & 5th November 2020 (Wed. & Thurs.)
10 am to 4 pm, Sushrut Hall

PART 1 – DEVELOPMENT OF SYNOPSIS

Topics :

- *Literature search*
- *Study designs : Observational*
- *Sampling methods*
- *Designing a questionnaire*
- *Basics of biostatistics & Calculation of 'Sample size'*
- *Ethical Aspects of Research Study Design*
- *Introduction to referencing*
- *Writing of the Synopsis (MUHS format)*

Faculty
Dr (Col) S L Jadhav
Dr Hetal Rathod
Dr Digant Gupta
Dr Swati Raje
Prof Varoon Jaswal
Dr (Col) Derek D'Souza
Dr Aparna Chincholkar
Dr Janice Joison

Contact
Co-ordinator : Dr Darpan Maheshwari - 9881108842
E mail : research@mitmimer.com
Weblink: http://www.mitmimer.com/dept_research.php

MIMER Medical College & Dr. BSTR Hospital,
Talegaon Dabhade, Pune
Department of Clinical Research & Incubation Center

WORKSHOP ON ORIENTATION TO METHODS IN CLINICAL RESEARCH

PART 2 – DATA ANALYSIS & REFERENCING

Date : 7th January 2022 (Friday)
Time : 2 to 4 PM
Venue : Sushrut Hall

FACULTY

Dr. Digant Gupta, MBBS, MPH (USA)
Clinical Research Consultant, MIMER

Dr. Varoon C Jaiswal, MPTh, PhD scholar
Professor, MAEER's Physiotherapy College
Head, Research Dept., Physiotherapy College

A hands-on interactive session to help the researchers understand the various methods to analyze the collected data during their research.
Also a dedicated session on the usage of various tools that are available for referencing.

- **Recommended for :**
- PG students (Mandatory for JR-2)
- PG guides
- All Faculty
- UG students/ interns

Note :
- Registration is free but compulsory
- e certificates will be awarded
- Recommended to carry a laptop for the activities

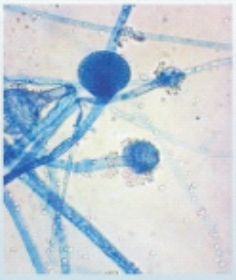
Registration link :
https://forms.gle/qT9FQtu1sxmQwvjb7

MAEER's MIMER Medical College &
Dr.BSTR Hospital, Talegaon Dabhade, Pune
Department of Clinical Research & Incubation Center

C M E (MULTIDISCIPLINARY)

TOPIC : Mucormycosis: An Emerging Challenge in COVID-19
DATE : 9th June 2021 (Wednesday)
TIME : 2 to 3:45 PM
VENUE : *Sushrut* Hall, MIMER

Post-COVID Mucormycosis is a potentially fatal fungal infection that can be devastating for the patient, who is barely recovering from a treacherous viral infection. This is nothing short of - 'from the frying pan - into the fire' scenario. Only an aggressive and a multidisciplinary approach can efficiently manage this potentially fatal condition.
This CME has been organized to present an overview of the condition from the perspective of some of the medical specialties involved in its management.



SPEAKERS :

1. DR SANTHOSH KUMAR	DEPT. OF ENT
2. DR PRADNYA BHALERAO	DEPT. OF OPHTHAL.
DR VIBHAVARI BARHATE	DEPT. OF OPHTHAL.
3. DR HARSH DESAI	DEPT. OF DENTISTRY
4. DR SANTOSH SABNIS	DEPT. OF RADIOLOGY
5. DR SADHNA CHATE	DEPT. OF MICROBIOLOGY
6. DR RAJENDRA ZOPE	DEPT. OF PATHOLOGY

RECOMMENDED FOR
FACULTY PG STUDENTS INTERNS

For more information : E mail research@mitmimer.com

MUCORMYCOSIS : ALL THAT WE KNOW TODAY !
(WEBINAR)
9TH JULY 2021 (FRIDAY) 1 TO 5:30 PM

MIMER Medical College has organized a CME (Webinar) to equip the medical professionals with the basic knowledge and practical aspects of treating Post-COVID Mucormycosis. It is an opportunity to interact with the experts from different specialties and understand more about the condition, as they share their experience in managing this potentially fatal fungal infection.

FACULTY

- DR VIRENDRA GHAISAS MS (ENT), Rhinoplasty Fellowship (Germany)
  Renowned ENT/Rhinoplasty Surgeon/Author
  Executive Director, MIMER Medical College & Dr.BSTR Hospital
- DR PARIKSHIT PRAYAG MD, ABIM, ABMS (American Board Certified)
  Infectious Diseases Consultant, Deenanath Mangeshkar Hospital
- DR SANDEEP KARMARKAR MBBS,DORL, FAIMOS (Italy)
  Senior ENT Surgeon, Ruby Hall Clinic
  Consultant - Endoscopic Skull Base Surgeon/ Otoneurologist
- COL DR RAJENDRA PRASAD GUPTA MS (Ophthal.), FMRF (VR surgeon)
  Professor Emeritus, Ophthalmology
  Former Principal, MIMER Medical College & Dr.BSTR Hospital
- DR HARSH DESAI MDS (Maxillofacial Surgery)
  Maxillo-Facial Surgeon & Asst. Professor, MIMER Medical College
- COL DR S S THIND MD (Radiodiagnosis)
  Senior Radiologist, Pune
  Professor & Head, Dept. of Radiodiagnosis, MIMER
- DR RENU BHARADWAJ MD (Microbiology)
  Senior Microbiologist & Visiting Professor
  Former Dean, BJ Govt. Medical College
- DR SHARADA RANE MD (Pathology)
  Dy. Dean, Govt. Medical College & Hospital, Baramati
  Professor & Head, Dept. of Pathology

RECOMMENDED FOR : MEDICAL PRACTITIONERS, PG & UG STUDENTS, INTERNS

CLICK ON THE ACTIVE LINK BELOW TO REGISTER
https://forms.gle/PiJdd6PCuMCWZZom9

MAEER's MIMER Medical College & Dr.BSTR Hospital,
Talegaon Dabhade, Pune
Department of Clinical Research & Incubation Center / research@mitmimer.com
APPROVED BY MAHARASHTRA MEDICAL COUNCIL FOR ONE CREDIT POINT
NO: MMC/Accre Cert/MED-0022/2021/
Webinar Code - MMC/WEB/2021/F-000775

MAEER's MIMER Medical College &
Dr.BSTR Hospital, Talegaon Dabhade, Pune
Department of Clinical Research & Incubation Center

WORKSHOP

CONDUCT OF JOURNAL CLUB

An enrichment activity that aims to train the faculty and PG students on the basic elements of critically reviewing a research paper and on the effective conduct of journal club.

Date	:	18th August 2021 (Wednesday)
Time	:	2:15 to 3:45 PM
Venue	:	*Sushrut Hall*
Faculty	:	Dr. Digant Gupta

- For faculty and PG students
- Hands-on activities
- e-certificates
- Online registrations closed
- Limited SPOT REGISTRATIONS

ORIGINAL ARTICLE

Depression Is Associated with an Increased Risk of Psoriatic Arthritis among Patients with Psoriasis: A Population-Based Study

JID Open

Ryan T. Lewinson[1,2], Isabelle A. Vallerand[1,3], Mark W. Lowerison[1], Laurie M. Parsons[1], Alexandra D. Frolkis[1,4], Gilaad G. Kaplan[1,4], Andrew G.M. Bulloch[1,4], Mark G. Swain[5], Scott B. Patten[1,6] and Cheryl Barnabe[1,4]

The factors that contribute to the development of psoriatic arthritis (PsA) among patients with psoriasis are not well known; however, systemic inflammation is believed to be important. On the basis of recent laboratory work demonstrating that major depressive disorder (MDD) is associated with increased systemic inflammation, we hypothesized that patients with psoriasis who develop MDD are at increased risk of subsequently developing PsA. We utilized The Health Improvement Network, a primary care medical records database, to identify 73,447 individuals with psoriasis. Patients were followed up to 25 years until the development of the primary outcome of PsA or the censor date. The exposure of interest was the development of MDD. Cox proportional-hazards models showed that patients with psoriasis who developed MDD were at significantly increased risk of subsequently developing PsA compared with patients who did not develop MDD, even after accounting for numerous covariates (hazard ratio 1.37, 95% confidence interval 1.09–1.81, $P = 0.021$). This result was maintained through numerous sensitivity analyses. These data support the hypothesis that MDD increases the risk of developing PsA among patients with psoriasis, suggesting a need for heightened prevention and manage-

WORKSHOP

CONDUCT OF JOURNAL CLUB

PRE-WORKSHOP EXERCISE

Name	
Department	
Designation	

No.	Questions	Comments
1.	Primary objective of the study	
2.	Primary research hypothesis	
3.	Was the literature review adequate? Why or why not?	
4.	Study design	
5.	Sample size	
6.	Study setting	

MIMER MEDICAL COLLEGE

DEPARTMENT OF CNICAL RESEARCH & INCUBATION CENTER

WORKING TEMPLATE FOR REVIEWING A RESEARCH ARTICLE/ CONDUCT OF A JOURNAL CLUB

Credits: Dr Digant Gupta, MBBS, MPH (Illinois, USA)
Clinical Research Consultant, MIMER

No.	Questions
1.	Primary objective of the study
2.	Primary research hypothesis
3.	Was the literature review adequate? Why or why not?
4.	Study design

LAUNCHING OF THE CERTIFICATE COURSE IN CLINICAL RESEARCH

(From L to R) Dr Darpan Maheshgauri (Professor, Ortho), Dr.P S Kamath (Medical Supt.), Col Dr R P Gupta (Professor Emeritus), Prof. Rahul Karad (Managing Trustee, MAEER), Dr Suchitra Nagare (Executive Director, MIMER), Dr Swati Belsare (Principal, MIMER), Dr. Virendra Ghaisas (Executive Director, MIMER)

5. STUDENT RESEARCH COUNCIL

The Institute has its separate Student Research Council since 2016 which is involved in various student related research activities and programs.

Members of Student Research Council are:-

॥ स्वास्थ्य-सेवा-सुशिक्षणम् ॥
MIMER MEDICAL COLLEGE

STUDENT RESEARCH COUNCIL MIMER

Student Research Council

SR. NO	STUDENT NAME	DESIGNATION
1	Ms. Greeshma Keny	Secretary
2	Ms. Zikra Rehan	Asst Co-Secretary
3	Mr. Aaditya Kiratkar	Asst Co-Secretary
4	Ms. Ashmitha Sharma	Conference Committee Head
5	Ms. Kalyanee Bhor	Co-ordinator
6	Ms. Aliya Khan	Co-ordinator
7	Ms. Prajakta Patil	Co-ordinator
8	Mr. Aditya Yadav	Co-ordinator
9	Ms. Rashi Agarwal	Publishing Committee Head
10	Mr. Yash Kochar	Co-ordinator
11	Ms. Siddhali Tiwari	Co-ordinator
12	Mr. Abhishek Bonde	Co-ordinator
13	Mr. Apoorva Gabhane	Co-ordinator

॥ स्वास्थ्य-सेवा-सुशिक्षणम् ॥
MIMER MEDICAL COLLEGE

STUDENT RESEARCH COUNCIL MIMER

Student Research Council

Activities of Student Research Council: -
Young Researcher's Symposium was organized by DCR&IC and Student Research Council.

6. INSTITUTIONAL ETHICS COMMITTEE

There is an Institutional ethics committee which oversees the implementation of all research projects.

All the projects including student project work are subjected to the Institutional ethics committee clearance.

The Institution has plagiarism check software URKUND based on the Institutional policy.

Norms and guidelines for research ethics and publication guidelines are followed.

Members of Institutional Ethics Committee

MAEER MIT PUNE'S
MAHARASHTRA INSTITUTE OF MEDICAL EDUCATION AND RESEARCH
(Medical College)
DR. BHAUSAHEB SARDESAI TALEGAON RURAL HOSPITAL
Accredited by NAAC with 'A' Grade
P.O. Talegaon General Hospital, Talegaon Dabhade, Pune 410507, Maharashtra, India.
■ Tel. - 02114 - 308300, 8087099040 / 41 / 42 / 43 ■ Fax :- 02114 - 223916.
■ Website :- www.mitmimer.com ■ Email :- info@mitmimer.com.

Ref. No. MIMER/IEC/178/2020 Date : 14/10/2020

INSTITUTIONAL ETHICS COMMITTEE

I hereby establish and constitute an Ethics Committee of MIMER Medical College, to ensure a competent review of all ethical aspects of project proposal received and execute the same, free from any bias and influence that could affect the objective.

Members of Institutional Ethics Committee

Sr. No.	Name	Designation
1	Dr. B. B. Nayak	Chairperson (Outside Institution)
2	Dr. Ramchandra Bhardwaj	Member Secretary
3	Dr. Yuvraj Patil	Member – Basic Medical Scientist
4	Dr. Sandesh Gawade	Member - Clinician
5	Dr. Rupali Baburdikar	Member - Basic Medical Scientist
6	Adv. Miss Pauravi Gambhir	Member – Legal Expert
7	Mr. Shashank Ogale	Member – Lay Person
8	Dr. Jagmohan Dhingra	Member – Social Scientist

MAEER'S MIMER MEDICAL COLLEGE

Dr. (Col) R P Gupta
Principal

Principal
MIMER Medical College
Talegaon Dabhade

Institute also has CODE OF ETHICS FOR RESEARCH

MAEER MIT PUNE'S
MIMER MEDICAL COLLEGE & DR. BSTR HOSPITAL
TALEGAON DABHADE-410507

CODE OF ETHICS FOR RESEARCH

Amended on- 23rd May 2022

7. RESEARCH POLICY

It has prepared RESEARCH POLICY guidelines for the Institute which consist of

1.Code of ethics for research

2. Grants and Incentives

3. Research proposal format

MAEER MIT'S

MIMER MEDICAL COLLEGE & Dr BSTRH,

TALEGAON DABHADE, PUNE 410507

RESEARCH POLICY

8. RESEARCH MoU's

Institute has formed research MoU with different institutes and organization for inter institute research collaboration.
There are 24 MoU's signed during the period of assessment fror research and training purpose.
Following is the list of MoU's: -

Sr. No.	Name of Institute	Address	Date of MOU	Valid upto Date	Collaboration Details
1.	KLE University (KLEU)	Belgavi, Karnataka	2.11.2015	5 years 2.11.2020	For training, research and collaboration in the field of Otorhinolaryngology
2.	Persistent BIRAC	Erandwane, Talegaon Dabhade, Pune	16.7.2016	4 years 16.7.2020	To carry part of study that will involve providing necessary services required for the testing and validation of complete system.
3.	Training School of Nursing (TGH & CH)	Talegaon Dabhade, Pune	1.8.2016	3 years 1.08.2019	TGH and CH Diploma Nursing Students to seek clinical experience in Dr.BSTR Hospital
4.	Kaivalyadham Yoga Institute	Lonavala, Pune	12.10.2016	5 years 12.10.2021	To encourage direct, educational and research cooperation between both institutes.
5.	DBT and DST		4.10.2018	3 years 4.10.2021	Finance Assistant for technology project entitled "Self-propelled water driven nanomachine for rapid capture and isolation of circulating tumor cells."
6.	MIT School of Bioengineering Sciences and Research	Loni Kalhbour Rajbaugh,Pune	18.6.2019	5 years 18.6.2025	To undertake collaborative research projects
7.	Training School of Nursing (TGH & CH)	Talegaon Dabhade, Pune	1.8.2019	3 years 1.08.2022	TGH and CH Diploma Nursing Students to seek clinical experience in Dr.BSTR Hospital

Sr. No.	Name of Institute	Address	Date of MOU	Valid upto Date	Collaboration Details
8.	Siddhant School of Pharmacy (Women)	Sudumbare, Pune	1.10.2019	3 years 1.10.2022	To allow D.Pharmacy Students of Siddhant School of Pharmacy for Hospital Visit Students Counselling , Patients Counselling , Medication Counselling , Medical Research ,Health Program and Health Check-up etc through various Dept. and Labs.
9.	MIT Art, Design & Technology University,Pune	Pune	15.1.2020	one month	On Job training to GDA , Nursing
10.	Siddhant College of Pharmacy	Sudumbare , Pune	21.2.2020	2 years 21.2.2022	To allow D.Pharmacy Students of Siddhant School of Pharmacy for Hospital Visit Students Counselling , Patients Counselling , Medication Counselling , Medical Research ,Health Program and Health Check-up etc through various Dept. and Labs.
11.	D.Y Patil International University	Akurdi , Pune	12.2.2021	3 years 12.2.2024	Training of B.Sc Biotechnology students of D Y Patil International University at CCL of MIMER, Talegaon Dabhade
12.	Jayawant institute of Pharmacy (JIP)	JSPM Campus, Tathawade , Pune	8.7.2021	1 month 2 days 9.8.2021	To provide training to the Students of Jayawant institute of Pharmacy at BSTR hospital Pharmacy.
13.	D.Y Patil Medical College Hospital & Research Centre, Dr.D.Y Patil Vidyapeeth (DPU)	Pimpri, Pune	13.9.2021	3 years 13.9.2024	To form collective research group for conduction of research project " Application of American Joint Committee on Cancer Eighth Edition Prognostic Stage Groups in Primary Breast Cancer Patients at a Tertiary Care Centre in Western Maharashtra".

Sr. No.	Name of Institute	Address	Date of MOU	Valid upto Date	Collaboration Details
14.	KLE Academy of Higher Education and Research	JNMC Campus, Nehru Nagar, Belagavi, Karnataka	1.1.2022	5 years 1.1.2026	For Training Research and Collaboration in the field of Otorhinolaryngology.
15.	Sri Guru Ramdas University of Health Science	Vallah, Amritsar	25.1.2022	5 years 25.1.2027	For Training Research and Collaboration in the field of Otorhinolaryngology.
16	National Institute of Ophthalmology (NIO)	Shivaji Nagar	5.3.2022	5.3.2025	For Training Research and Collaboration in the field of Ophthalmology.
17.	Prof.Ramkrishna More Arts, Commerce and Science College	Akurdi, Pradhikaran, Pune	4.4.2022	4.4.2026	Internship /Training, Research & Collaboration in the field of Clinical Psychology for MA Clinical Psychological students
18.	Late Anusaya Savitribai Manikrao Thakoor (ASMT)Memorial School of Nursing	Talegaon Dabhade, Pune	29.4.2022	3 years 29.4.2025	For posting of the students from ASMT School of Nursing every year to MIMER
19.	Pure Foundation	Pune	1.4.2022	5 years 1.4.2027	For Training, Research and collaboration in the field of Respiratory, Medicine.
20.	Community Eye Care Foundation	Pune	15.5.2022	3 years 15.5.2025	In the field of Low Vision & Rehabilitation & Research
21.	Pawana Hospital	Somatane Phata , Maval Pune	13.5.2022	1 year 13.5.2023	For Training of DNB Students in the Dept. of Dermatology & Psychiatry.
22.	PCET's Pimpri Chinchwad College of Engineering	Akurdi , Pune.	30.4.2022	3 years 30.4.2025	For Collaboration for DST funded research project titled " Cervi Tester: A Smart and Portable Screening Device for AI-Assisted Automated Diagnosis of Cervical Cancer in Low Resource Settings" and other joint initiatives.
23.	Asian Eye Hospital and Lasik Laser Institute	Pune Station	1.6.2022	3 years 1.6.2025	For Training, Research & Collaboration in the field of Ophthalmology.

9. RESEARCH METHODOLOGY WORKSHOP

Institute has conducted Research Methodology Workshop for its faculty in 2017 and 2018. Most of the faculty have already certified for Basic course in Biomedical Research.
6 of the faculty also undergone Advance Research Methodology Course conducted by MUHS, Nashik.

Faculty Name	Designation
Dr Deepa Nair	Professor
Dr Rupali Baburdikar	Associate Professor
Dr Janice Jaison	Associate Professor
Dr Aneesh Bhat	Professor
Dr Santosh Rajmani	Associate Professor
Dr Leena Shibu	Associate professor

॥ स्वास्थ्य-सेवा-सुशिक्षणम् ॥

MIMER MEDICAL COLLEGE

MAEER MIT Pune's

MIMER MEDICAL COLLEGE & Dr BSTR HOSPITAL,

TALEGAON DABHADE, PUNE - 410 507

OUTCOME OF RESEARCH PROMOTING ACTIVITIES

1. GOVERNMENT AND NON-GOVERNMENT FUNDED RESEARCH PROJECT 2016-2021

Various initiatives and research promoting activities has led to improved research project numbers and quality of publications. Student research project numbers has improved significantly in last five years.

YEAR	APPROVED PROJECTS
STS 2017	02
STS 2018	11
STS 2019	11
STS 2020	13
TOTAL STIPEND	5,90,000 /-
STS 2022	7

ICMR -STS APPROVED PROJECTS

Governmental and Non-Governmental Research Grants: -

Sr.No	Title	Grant Agency	Duration	Amount (INR)
1.	Self-propelled Water Driven Nanomachine For Rapid Capture and Isolation of Circulating Tumor Cells	Department of Science and Technology (DST); Grant No: SR/NM/NS-1189/2016	2017- 2021	**56,58,168 /-**
2.	Self-propelled Magnetically Controlled Nanorockets for Transportation and pH Triggered Drug Delivery	Department of Biotechnology (DBT); Grant No: BT/PR21922/NNT/28/12 41/2017	2018- 2021	**41,59.400/-**
3	i Doctor: An intelligent Diagnosis and drug dispensing platform	Biotechnology Industry Research Assistance Council (BIRAC)	4 years	**34,39,784/-**

Governmental and Non-Governmental Research Grants: -

Sr.No	Funding Agency	No of Projects	Amount Sanctioned
1.	MUHS - STRG	18	1,28,300/-
2.	MUHS - LTRG	05	4,75,000/-

2. INSTITUTIONAL INCENTIVES TO PROJECTS, PUBLICATIONS, CONFERENCE, STUDENT RESEARC

Percentage of teachers awarded national /international fellowships / financial support for advanced studies/collaborative research and participation in conferences during the last five years.

Institutional funding: -

Sr.No	Funding	Amount Sanctioned
1.	Research society funded Projects (Faculty and Residents)	1,92,500/-
2.	Institutional Funded Projects (UG students)	3,47,030/-
3.	Presentations	1,32,650/-
4.	Publications	1,09,000/-
5.	Faculty developmental programs	94,484/-
	Total	**8,76,664/-**

Financial support by institute for Faculty: -

Sr.No	Name	Total
1.	Financial support for Advanced studies	02
2.	Collaborative research	05
3.	Financial support for Conference Participation	16

3. PATENTS AND COPYRIGHTS

1. Self-Propelling Janus Nanocomponent Devices, Indian Patent, Filed, 202021023041, 2020.

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

सत्यमेव जयते

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS | GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202021020102
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/05/2020
APPLICANT NAME	Maharashtra Institute of Medical Education and Research (MIMER) Medical College
TITLE OF INVENTION	PROCESS FOR NANOFIBER COATING BASED FABRIC
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	govindrajchate@gmail.com
ADDITIONAL-EMAIL (As Per Record)	govindrajchate@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	19/11/2021

2. Process for Nanofiber Coating Based Respirator Filter, Indian Patent, Filed, 202021020102, 2020.

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

सत्यमेव जयते

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS | GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202021023041
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/06/2020
APPLICANT NAME	Maharashtra Institute of Medical Education and Research (MIMER) Medical College
TITLE OF INVENTION	SELF-PROPELLING JANUS NANOCOMPONENT DEVICES
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	govindrajchate@gmail.com
ADDITIONAL-EMAIL (As Per Record)	govind.chate@mitmimer.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	03/12/2021

3. Reusable Core-Shell Magnetic Silica Nanoparticles for Rapid Chemical Sensing, Indian Patent, Under Examination, 201621032123, 2016

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

सत्यमेव जयते

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	201621032123
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	20/09/2016
APPLICANT NAME	1 . MAEER's Maharashtra Institute of Pharmacy 2 . MIMER Medical College
TITLE OF INVENTION	REUSABLE CORE-SHELL MAGNETIC SILICA NANOPARTICLES FOR RAPID CHEMICAL SENSING
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	govindrajchate@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ksanthanam@scivistaip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	02/12/2019
PUBLICATION DATE (U/S 11A)	23/03/2018
REPLY TO FER DATE	27/11/2021

Activat
Go to PC

4.Dr. Harsh Desai IP Australia on Title "AN ALVEOLAR DISTRACTOR" Dt. 24th March 2021

Australian Government
IP Australia

CERTIFICATE OF GRANT
INNOVATION PATENT

Patent number: 2021100114

The Commissioner of Patents has granted the above patent on 24 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

, Prajwalit P. Kende of A-404, Muskurahat CHS, Plot No. 2, Road No.RDP-1, Ganesh Nagar Kandivali W Mumbai 400067 India

Mrimingsi Kri of H/No. E-93, Matai Street, Telluliang Village, Tezu District Lohit Arunachal Pradesh 792001 India

Jayant Shivaji Landge of 401, Sai Anant CHS, Plot no-15, Sector-12 Khargar Navi Mumbai 410210 India

Harsh Desai of Blog No.1A, Flat No. 17/18, Sangam Park Society Near Govardhan Society Maharshinagar , Pune 411037 India

Maroti B.Wadewale of Gurukripa Niwas, Shivaji chowk, Rajaram Nagar, Loha Taluka Loha Distict Nanded 431713 India

Ashish Sarda of Sarda nivas, Near old tehsil, Main road Hadgaon Taluka Hadgaon, District Nanded 431712 India

Title of invention:

AN ALVEOLAR DISTRACTOR

Name of inventor(s):

P. Kende, Prajwalit; Kri, Mrimingsi; Shivaji Landge, Jayant; Desai, Harsh; B. Wadewale, Maroti and Sarda, Ashish

Term of Patent:

Eight years from 8 January 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

Dated this 24th day of March 2021

Commissioner of Patents

COMMONWEALTH OF AUSTRALIA AUSTRALIA PATENT OFFICE

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

5. Dr Harsh Desai:- Indian Patent for Title DENTAL APPARATUS FOR BONE DISTRACTION Dt:-12/02/2022

ORIGINAL

No. 111815

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

CERTIFICATE OF REGISTRATION OF DESIGN

Design No.	358448-001
Date	12/02/2022 21:21:06
Reciprocity Date*	
Country	

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-02 in respect of the application of such design to DENTAL APPARATUS FOR BONE DISTRACTION in the name of 1.DR.PRAJWALIT P. KENDE, A-404, MUSKURAHAT CHS, PLOT NO. 2, ROAD NO.RDP-1, GANESH NAGAR, KANDIVALI W, MUMBAI-400067 2. DR. MRIMINGSI KRI, H/NO. E-93, MATAI STREET, TELLULIANG VILLAGE, TEZU- 792001 DISTRICT LOHIT, ARUNACHAL PRADESH 3. DR. JAYANT SHIVAJI LANDGE, 401, SAI ANANT CHS, PLOT NO-15, SECTOR-12,KHARGAR,NAVI MUMBAI-410210 4. DR. HARSH DESAI, BLOG NO.1A, FLAT NO. 17/18, SANGAM PARK SOCIETY, NEAR GOVARDHAN SOCIETY, MAHARSHINAGAR, PUNE-411037 , ET AL.

in pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001

Controller General of Patents, Designs and Trade Marks

*The reciprocity date (if any) which has been allowed and the name of the country.
Copyright in the design will subsist for ten years from the date of Registration, and may underthe terms of the Act and Rules, be extended for a further period of five years.
This Certificate is not for use in legal proceedings or for obtaining registration abroad

RAJAT MALHOTRA,
IDEAS2IPR, B-115 CHANDER NAGAR, JANAK PURI,
NEW DELHI-110058

Date of Issue 20/04/2022 12:52:01

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1. CD45+ antibody Staining of Leukocytes from Human Whole Blood, Registered Copyright, L-97494/2020, 2020.

Copyright Office
Government of India

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Extracts from the Register of Copyrights

Dated : 10/12/2020

1.	Registration Number	:	**L-97494/2020**
2.	Name, address and nationality of the applicant	:	CHINMAY RAHANE , CENTRAL RESEARCH LAB MIMER MEDICAL COLLEGE, NEAR TALEGAON RAILWAY STATION, TALEGAON DABHADE, TAL. MAVAL, DIST. PUNE-410507 INDIAN
3.	Nature of the applicant's interest in the copyright of the work	:	AUTHOR
4.	Class and description of the work	:	LITERARY/ DRAMATIC WORK
5.	Title of the work	:	CD45+ ANTIBODY STAINING OF LEUKOCYTE FROM HUMAN WHOLE BLOOD

2. Dr Harsh Desai :-

Copyright Office
Government of India

सत्यमेव जयते

Extracts
from the Register
of Copyrights

Dated : 05/11/2020

1.	Registration Number	:	L-96443/2020
2.	Name, address and nationality of the applicant	:	DR. PRAJWALIT P. KENDE , A-404, MUSKURAHAT CHS, PLOT NO. 2, ROAD NO. RDP-1, GANESH NAGAR, KANDIVALI W, MUMBAI-400067 INDIAN DR. ASHISH SUNILKUMAR SARDA , SARDA NIWAS, NEAR OLD TAHSIL, MAIN ROAD, HADGAON. TALUKA-HADGAON, DIST-NANDED.-431712 INDIAN DR. HARSH DESAI , BLOG NO 1A, FLAT NO. 17/18, SANGAM PARK SOCIETY, NEAR GOVARDHAN SOCIETY, MAHARSHINAGAR, PUNE-411037 INDIAN
3.	Nature of the applicant's interest in the copyright of the work	:	AUTHOR
4.	Class and description of the work	:	LITERARY/ DRAMATIC WORK
5.	Title of the work	:	PK'S CLASSIFICATION OF COMPLICATIONS OF MAXILLOFACIAL DISTRACTION OSTEOGENESIS
6.	Language of the work	:	ENGLISH
7.	Name, address and nationality of the author and if the author is deceased, date of his decease	:	DR. PRAJWALIT P. KENDE , A-404, MUSKURAHAT CHS, PLOT NO. 2, ROAD NO. RDP-1, GANESH NAGAR, KANDIVALI W, MUMBAI-400067 INDIAN DR. ASHISH SUNILKUMAR SARDA , SARDA NIWAS, NEAR OLD TAHSIL, MAIN ROAD, HADGAON. TALUKA-HADGAON, DIST-NANDED.-431712 INDIAN DR. HARSH DESAI , BLOG NO 1A, FLAT NO. 17/18, SANGAM PARK SOCIETY, NEAR GOVARDHAN SOCIETY, MAHARSHINAGAR, PUNE-411037 INDIAN
8.	Whether the work is published or unpublished	:	UNPUBLISHED
9.	Year and country of first publication and name, address and nationality of the publisher	:	N.A.
10.	Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	:	N.A.
11.	Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any	:	DR. PRAJWALIT P. KENDE , A-404, MUSKURAHAT CHS, PLOT NO. 2, ROAD NO. RDP-1, GANESH NAGAR, KANDIVALI W, MUMBAI-400067 INDIAN DR. ASHISH SUNILKUMAR SARDA , SARDA NIWAS, NEAR OLD TAHSIL, MAIN ROAD, HADGAON. TALUKA-HADGAON, DIST-NANDED.-431712 INDIAN DR. HARSH DESAI , BLOG NO 1A, FLAT NO. 17/18, SANGAM PARK SOCIETY, NEAR GOVARDHAN SOCIETY, MAHARSHINAGAR, PUNE-411037 INDIAN
12.	Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright	:	N.A.
13.	If the ... an 'Artistic work', the location of the original work, ... dress and nationality of the person in possession ... se of an architectural work, the year of ... should also be shown).	:	N.A.
14.	... work' which is used or capable of being ... oods or services, the application should ... om the Registrar of Trade Marks in terms of ... ction (i) of Section 45 of the Copyright Act.	:	N.A.
15.	If the ... Artistic work', whether it is registered under the Designs Act 2000 if yes give details	:	N.A.
16.	If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000 whether it has been applied to an article though an industrial process and ,if yes ,the number of times it is reproduced.	:	N.A.

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DEPUTY REGISTRAR OF COPYRIGHTS

3.Dr Shilpa Pratinidhi :-

Copyright Office
Government of India

सत्यमेव जयते

Extracts from the Register of Copyrights

Dated : 13/08/2020

1.	Registration Number	:	**L-93492/2020**
2.	Name, address and nationality of the applicant	:	KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN
3.	Nature of the applicant's interest in the copyright of the work	:	OWNER
4.	Class and description of the work	:	LITERARY/ DRAMATIC WORK THIS WORK IS IN THE FIELD OF BIOMEDICAL RESEARCH PARTICULARLY IN THE FIELD OF FOOD AND NUTRITION
5.	Title of the work	:	DIET SURVEY KIT FOR FAMILY DIET SURVEY OF UNCOOKED FOOD
6.	Language of the Work	:	ENGLISH
7.	Name, address and nationality of the author and if the author is deceased, date of his decease	:	DR. ASHA KRISHNA PRATINIDHI , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN MR. ANUP SUBHASH HENDRE , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN DR. SHILPA ADITYA PRATINIDHI , MAHARASHTRA INSTITUTE OF MEDICAL EDUCATION & RESEARCH, TALEGAON DABHADE PUNE, MAHARASHTRA, INDIA-410507 INDIAN DR. SATISH VASANT KAKADE , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN DR. AJIT VASANTRAO SONTAKKE , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN
8.	Whether the work is published or unpublished	:	UNPUBLISHED
9.	Year and country of first publication and name, address and nationality of the publisher	:	N.A.
10.	Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	:	N.A.
11.	Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each owner with particulars of assignments and licences, if any	:	KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN
12.	[illegible] nationalities of other persons, if any, [illegible] licence of rights comprising the copyright	:	N.A.
13.	[illegible] the work, the location of the original work, [illegible] address and nationality of the person in possession of the [illegible] in the case of an architectural work, the year of completion of the work should also be shown).	:	N.A.
14.	If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks as terms of the provision to Sub-Section (i) of Section 45 of the Copyright Act, 1957.	:	N.A.

DEPUTY REGISTRAR OF COPYRIGHTS

Copyright Office
Government of India

सत्यमेव जयते

Extracts from the Register of Copyrights

Dated : 15/09/2020

1.	Registration Number	L-93493/2020
2.	Name, address and nationality of the applicant	KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN
3.	Nature of the applicant's interest in the copyright of the work	OWNER
4.	Class and description of the work	LITERARY/ DRAMATIC WORK THIS WORK RELATES TO NUTRITION IN PARTICULAR TO NOVEL DIETARY SUBSTITUTE FOR ANIMAL MILK AND EASY TO DIGEST PRECOOKED MIXTURE FOR COMPLEMENTARY FEEDS
5.	Title of the work	VEGETARIAN MAGIC MIX: SUBSTITUTE FOR ANIMAL MILK
6.	Language of the work	ENGLISH
7.	Name, address and nationality of the author and if the author is deceased, date of his decease	DR. ASHA KRISHNA PRATINIDHI , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN MR. ANUP SUBHASH HENDRE , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN DR. SHILPA ADITYA PRATINIDHI , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN DR. VINAYAK YADAVRAO KSHIRSAGAR , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN DR. AJIT VASANTRAO SONTAKKE , KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN
8.	Whether the work is published or unpublished	UNPUBLISHED
9.	Year and country of first publication and name, address and nationality of the publisher	N.A.
10.	Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	N.A.
11.	Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each [illegible] with particulars of assignments and licences, if any	KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD, MALKAPUR KARAD, DIST. SATARA, MAHARASHTRA, INDIA-415539 INDIAN
12.	[illegible] nationalities of other persons, if any, [illegible] owners of rights comprising the copyright	N.A.
13.	[illegible] work', the location of the original work, [illegible] addresses and nationality of the person in possession of the [illegible] the case of an architectural work, the year of completion of the work should also be shown).	N.A.
14.	If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provisions to Sub-Section (3) of Section 45 of the Copyright Act, 1957.	N.A.

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DEPUTY REGISTRAR OF COPYRIGHTS

4. PUBLICATIONS

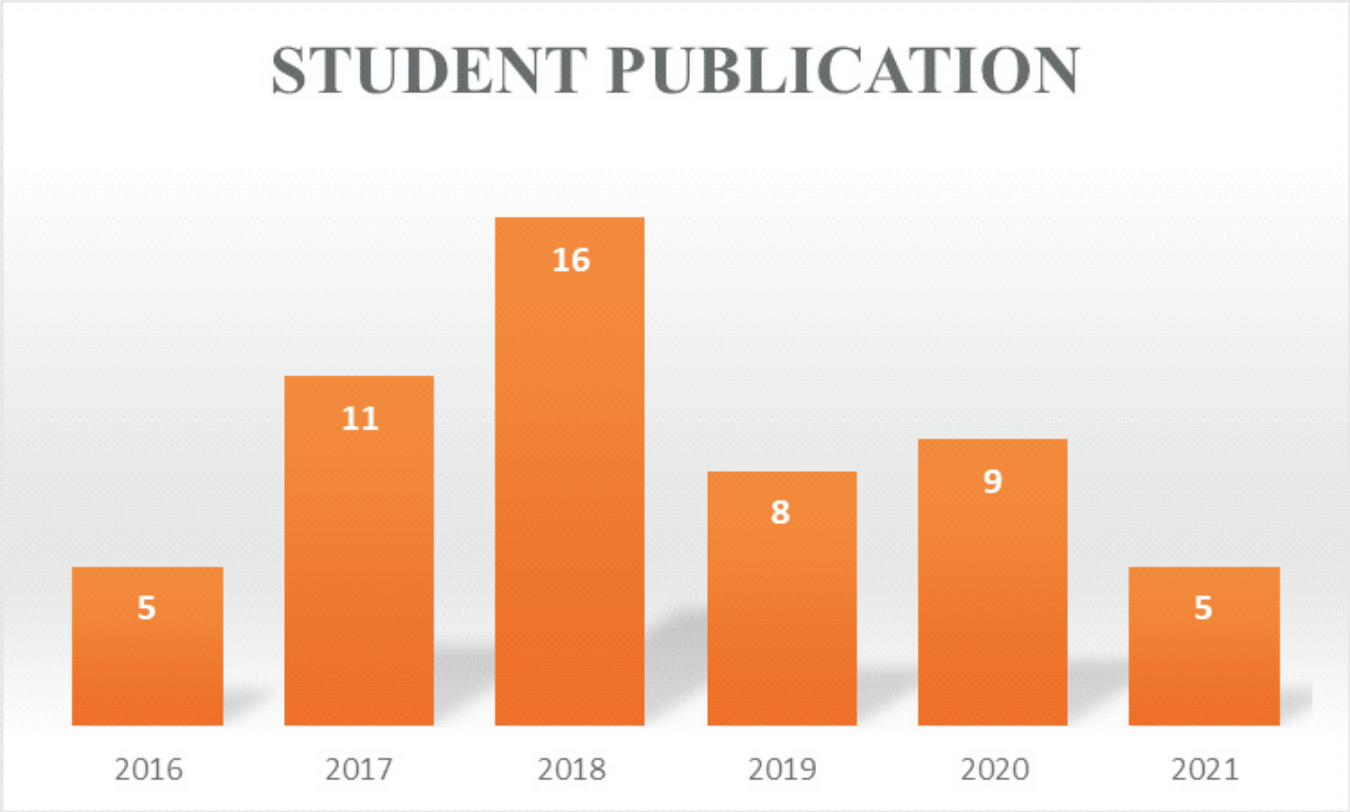
Institute has **371 Publication** from year 2016 to 2022.

INDEXED PUBLICATIONS: -Total 371

Few of the high IMPACT Publications:

1.Scientific Reports (Nature Publishing Group, 2020; Highlighted in Nature India, 2020)
2.Journal of Materials Chemistry B (2020; Editorial pick as back cover page story)
3.Nanoscale Advances (2020; Editorial pick as back cover page story)
4.Advanced Materials Interfaces (2018)
5.Advanced Materials Interfaces (2017; Editorial pick as cover page story; Highlighted in Nature India, 2017)
6.Journal of Environmental Management (2016)

STUDENT PUBLICATION IN YEAR 2016 TO 2021 : -



Student research and publications have increased significantly compared to last five years .

5. BOOKS & CHAPTER PUBLISHED

Faculty of the Institute has also authored Twenty books/chapters in books.

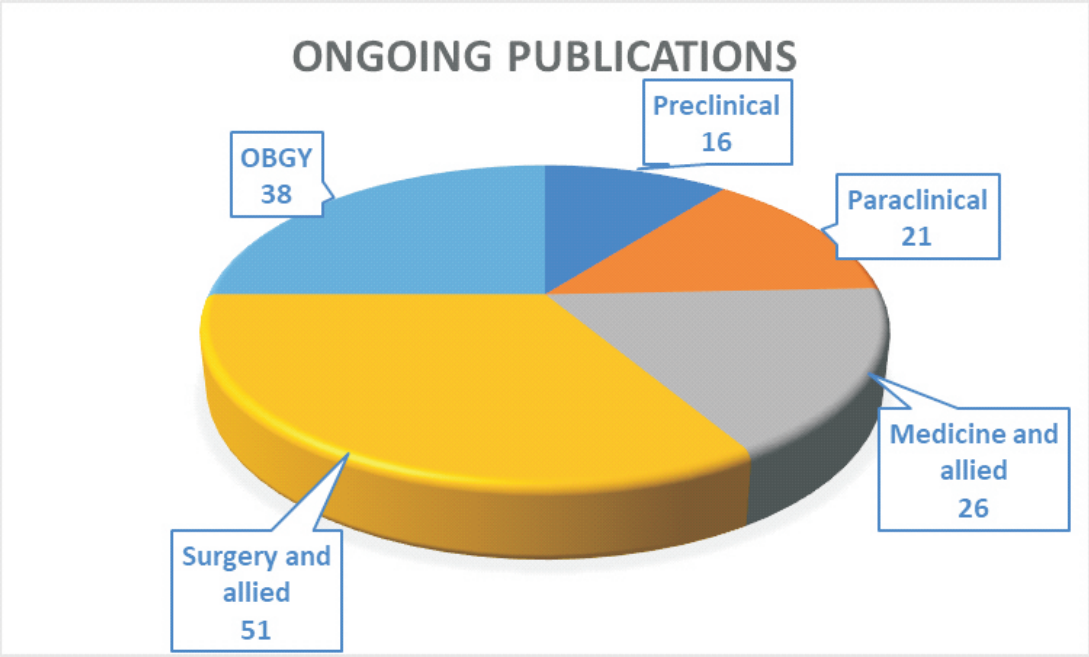
Sr. No.	ISBN No	Name of Book	Author
1.	ISBN 978-93-90709-37-3	Background and Epidemiology Current Scenario of Sexual Violence	Dr. Vaishali Korde
2.	ISBN 978-981-16-2478-0	Indian ethnic rhinoplasty: a surgical Guide	Dr. Virendra Ghaisas
3.	ISBN, 9789389587531	Book Obstetrics algorithms in clinical practice	Dr. Vaishali Korde
4.	ISBN 978-981-10-4952-1	Broad ligament hematoma labor room emergencies	Dr. Vaishali Korde
5.	ISBN 978-93-5270-697-6	Hardikar's orthopedic operations text & atlas	Dr. Yash Shah
6.	ISBN 978-93-5270-697-6	Hardikar's orthopedic operations text & atlas	Dr. Yash Shah
7.	ISBN 978-93-5270-697-6	Hardikar's orthopedic operations text & atlas	Dr. Yash Shah
8.	PRINT NO (1868-6958) ONLINE NO (1868-6966)	Designing multicomponent nano systemsfor rapid detection of circulating tumor cells	Dr. Shashwat s. Banerjee
9.	ISBN 9789385891915	Book Contraception past, present and future, 2nd Edition	Dr. Vaishali Korde
10.	ISSN 978-93-83660-90-2	Society Pedagogy, Politics A Comprehensive analysis of Covid-19 in West Bengal and its Qualitative Impact on Social, mental and Physical Health in Society, Pedagogy, Politics-A Multidimensional Approach to Covid-19, Jadavpur University Press, Kolkata, India.	Dr. Shashwat s. Banerjee

Sr. No.	ISBN No	Name of Book	Author
11.	ISBN: 978-93-5547-322-6	New Horizons in Medicine and Medical Research Vol. 1 Chapter 13- A Retrospective Study on Rising Trends of Caesarean Section eBook ISBN: 978 -93 -5547 – 334-9	Dr. Sushma Sharma
12.	ISBN : 978-3-030-35252-3	Advanced Computational Intelligence Techniques for Virtual Reality in Healthcare Chapter Data Analysis and Classification of Cardiovascular Diseases and risk factors Associated with it India Springer Publication	Dr. Meenakshi Surve (Pawar)
13.	ISBN : 978-620-3-58202-4	Orthodontic Pain: Clinical Management Lambert Academic Publishing	Dr. Mohini Dharmadhikari
14.	ISBN : 978-6200507501	Pit and Fissure Sealants Fluoride Varnish Preventive Dentistry Revisited LAP Lambert Publishing	Dr. Anuja Kamble
15.	ISBN : 978-9354650970	MCQs in Gynecological Oncology Jaypee Brothers Medical Publishers	Dr. Kamalika P Roy
16.	ISBN : 978-81-938960	Practical Pediatric Endocrinology Published by Indian Journal of Pediatrics, New Delhi	Dr. Sajeeli Mehta
17.	ASIN : B094PSMC29	Advanced Pediatric Endocrinology Med E Classes	Dr. Sajeeli Mehta
18.	ASIN : B089FKNQV9	Feeding of the baby	Dr. Kalpesh Patil

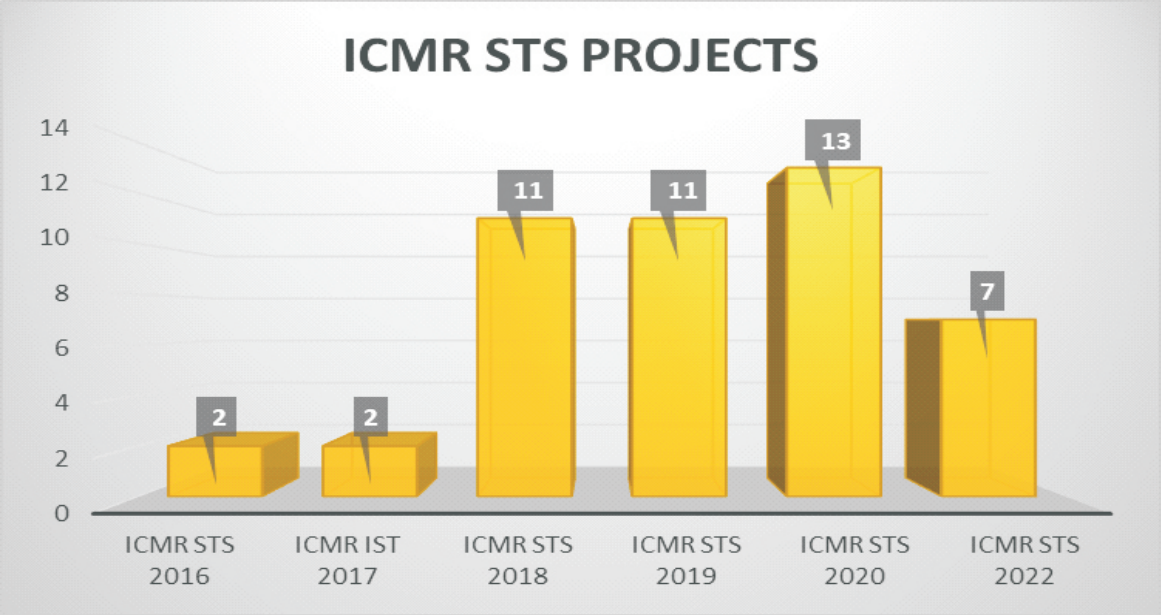
Sr. No.	ISBN No	Name of Book	Author
19.	ASIN : B089T787TP	Toilet Traning and Constipation in Children	Dr. Kalpesh Patil
20.	ASIN : B086HSRXCM	New Parenthood	Dr. Kalpesh Patil

6. ONGOING AND PROPOSED PROJECTS

ON GOING PROJECTS :-Total 152



ICMR STS APPROVED PROJECTS :- Total 44



Institute has 271 completed projects ,92 proposed projects.

Distinguished publication during COVID 19:-

Collaboration with ICMR-NIV Pune

International Journal of Infectious Diseases 112 (2021) 103–110

Contents lists available at ScienceDirect

International Journal of Infectious Diseases

journal homepage: www.elsevier.com/locate/ijid

Longitudinal clinico-serological analysis of anti-nucleocapsid and anti-receptor binding domain of spike protein antibodies against SARS-CoV-2

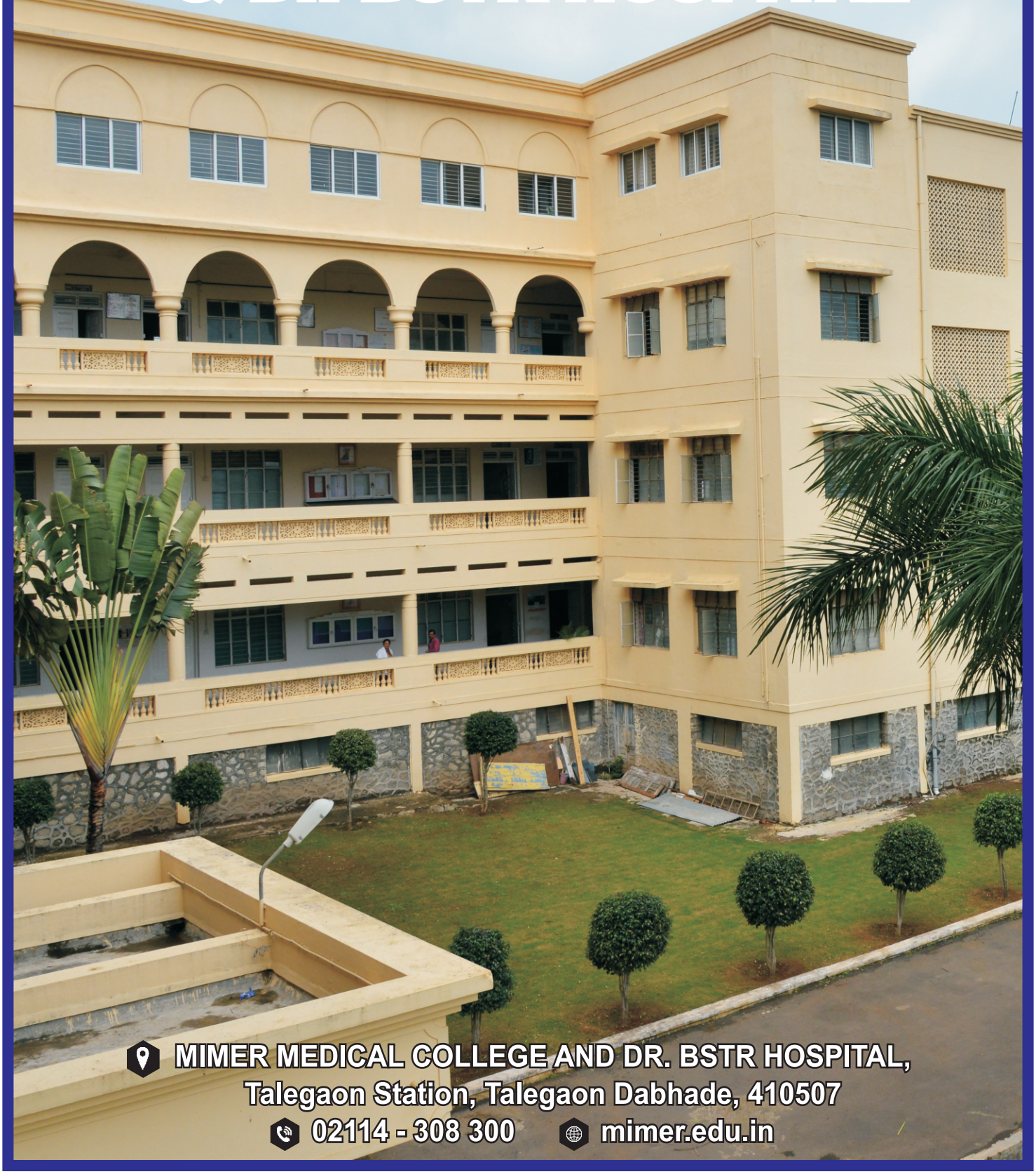
Gururaj Rao Deshpande[a,#], Ojas Kaduskar[a,#], Ketki Deshpande[a,#], Vaishali Bhatt[a,#], Pragya Yadav[a], Yogesh Gurav[a], Varsha Potdar[a], Kirti Khutwad[a], Shankar Vidhate[a], Asha Salunke[a], Chetan Patil[a], Snehal Shingade[a], Kajal Jarande[a], Bipin Tilekar[a], Pavan Salvi[b], Sudhir Patsuthe[c], Varsha Dange[d], Sudeep Kumar[e], Shilpa Gurav[e], Sadhana Chate[e], Priya Abraham[a,*], Gajanan Sapkal[a,**]

[a] ICMR-National Institute of Virology, Pune, Maharashtra, Pin 411021, India
[b] Pimpri Chinchwad Municipal Corporation, Pune, Maharashtra, India
[c] Naidu Hospital, Pune Municipal Corporation, Pune, Maharashtra, India
[d] Lady Medical officer Health, Pimpri Chinchwad Municipal Corporation, Pune, Maharashtra, India
[e] MIMER Medical College, Talegaon Dabhade, Pune, Maharshatra, India

Institute has also conducted **SIXTEEN (16)** COVID 19 related research projects during COVID Pandemic.

MAEER MIT Pune's

MIMER MEDICAL COLLEGE & Dr. BSTR HOSPITAL



MIMER MEDICAL COLLEGE AND DR. BSTR HOSPITAL,
Talegaon Station, Talegaon Dabhade, 410507
02114 - 308 300 mimer.edu.in