



FEBRUARY 2022 | ISSUE NO. 6

MAHATMA GANDHI MISSION'S DENTAL COLLEGE AND HOSPITAL

KAMOTHE, NAVI MUMBAI.



Visions of tomorrow.

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In 1954, the Bharat Ratna was conferred upon this brilliant scientist who but declined to go to Delhi to receive the award. He wrote to the President of India that he would not be able to attend it in person because of being firmly tied down to enable one of his students to complete his doctorate thesis. It had to be submitted before the end of month by university regulations thus his duty as a teacher has to take residence over personal affairs. Such was the dedication of this great man, Dr. C.V. Raman, Nobel laureate and the mind behind *Raman Effect*. In 1986, the National Council for Science & Technology designated February 28 as National Science Day to commemorate this discovery. An integrated approach of science and technology is the next milestone to chase and the next level into the future. Extending warm welcomes throughout !

SUB-EDITOR'S SAY: VISIONS OF TOMORROW

National Science Day is celebrated in India on 28th February each year to mark the discovery of the Raman Effect by Indian Physicist Sir C.V. Raman. Scientific development changes the life of humans by many folds. The thing that they're available today to these developments are amazing. In every aspect of our lives, let it be electricity, mobile, satellite, automobiles science plays a dominant role. Liftware Company had created a magic tool for persons suffering from Parkinson's disease. This machine uses hundreds of algorithms and helps people with this disease and supports their food consumption. The hand of the patient is monitored by this machine. Have you ever heard about Para Technology which a Leicestershire-based firm that created a working prototype is called Anagraphs? It uses software-controlled heat to expand paraffin waxes in its screen, turning the material from liquid to solid and controlling the main features of the prototype, which are raised.

With all these examples we come to know that Science not only provides a good career opportunity but also is very useful in our daily life which transforms our lives and also provide a new direction to think, invent new technology as seen above. The relevance of science in our daily lives is astounding. It contributes to ensuring a longer and healthier life. Thank you.

**- Dr. Sarika Shetty
Reader**

Department of Periodontics

FACULTY: VISIONS OF TOMORROW

Science and its application in Dentistry

India today is fast approaching the pinnacle of development and progress. This growth is fueled primarily by the meticulous work done by the doyens the field of science. National Science day is celebrated in India to commemorate the discovery of the Raman Effect by Sir C V Raman. With the turn of the century this growth has been accelerated by the present impetus on cutting edge advances in emerging fields like data sciences. Nowhere else is this more evident than the technology driven growth of dentistry in India.

Material science has long been the backbone of advances in restorative dentistry, the advent of nanotechnology has fueled this quantum of growth. The use of newer materials has enriched the arsenal of the restorative dentist to provide treatments previously deemed next to impossible.

Dentistry has benefited not only from the application of new and emerging technology, but also that from innovative application of existing technology. The application of finite element methods, a technology predominantly used in engineering and environmental simulations, has given us the ability to simulate complex biological phenomenon without the need for patient involvement in the biomechanical testing of new devices. Similarly, Virtual surgical planning and Navigation have revolutionised the surgical interventions in anatomically complex areas of the maxillofacial region like the orbit. Whereas, Navigation has brought accuracy to surgery the field of 3 D printing has created a seamless amalgamation of technology and surgical know-how to benefit the patient.

Where the use of cutting edge technology has helped lend a generous helping hand to the growth of dentistry, the cost of emerging technology may be prohibitive at the grass roots levels. This is the lacunae that we, in academia, are in a unique position to address. It is only, through regular innovation and research in the field of pure and applied sciences that this progress can be herald into the future.

**- Dr. Chinmay Rao
Lecturer
Department of Oral and
Maxillofacial Surgery**

PARENTS SPEAK: EMOTIONS

28th February is celebrated as National science day and is a day of utmost pride for all Indians.

The day is celebrated to commemorate the discovery of the Raman Effect.

Science is one of the most interesting and the most important part of a student's life and the youth of today show great interest towards it. This is a good sign as they promise a better future for the country and the world itself.

We must celebrate science day with great pleasure and joy and encourage not only the youngsters to work harder, but also the grown up individuals, and remind them the contribution done by great men like C V Raman and APJ Abdul Kalam.

- Nayan Kizhakedath
Parent



In the history of science, we often find that the study of some natural phenomenon has been the starting point in the development of a new branch of knowledge.

-C V Raman



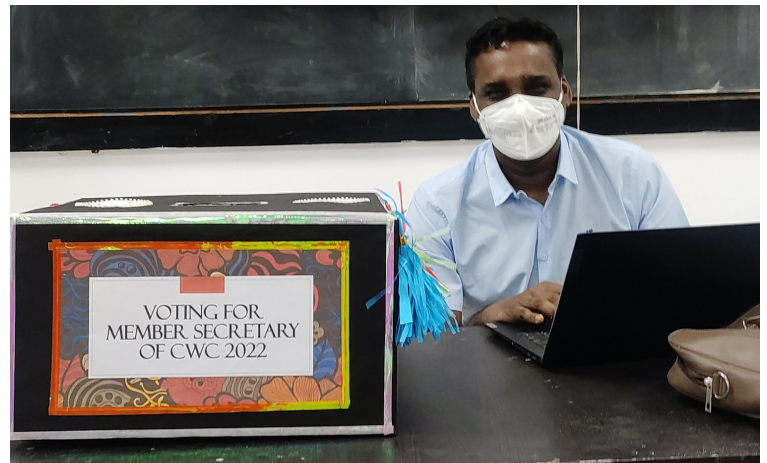
MEMBER SECRETARY ELECTIONS



February 8th, 2022.



An election was conducted to choose the Member Secretary to head the College Working Committee, 2022. There were two potential candidates who stood up as nominees, Ayesha Khan and Sritej Jagtap. It was a new experience for all interns as well as the faculty who together managed the proceedings. Proper ballot system was employed for this purpose. The results were declared later and both of them were congratulated for their enthusiastic participation and competitive spirit.



Navi Mumbai, Maharashtra, India
 NH548, sector 18, Near Victoria Petrol Pump Kalamboli
 highway, Ghreat, Sector 18, Khanda Colony, Panvel,
 Navi Mumbai, Maharashtra 410206, India
 Lat: 19.012588 Long: 72.105278

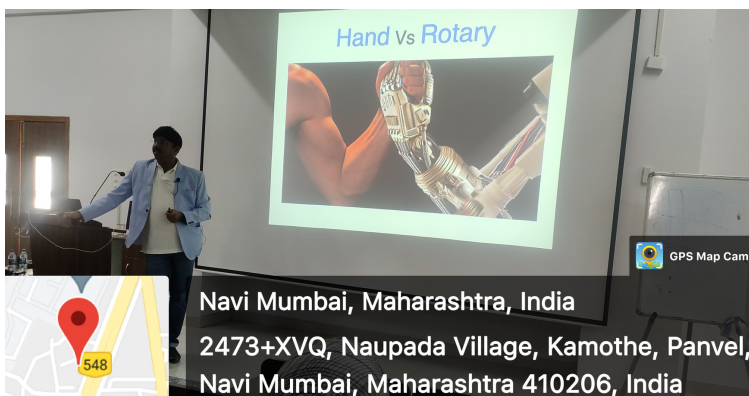
ROTARY ENDODONTICS - LECTURE AND WORKSHOP

February 9th-10th, 2022.

The Department of Conservative Dentistry conducted a two day exclusive program specially designed for interns in association with Orikam Healthcare. The topic was Basic Concepts of Modern Endodontics. Speaker: Dr. Pradeep Shetty, MDS,Phd

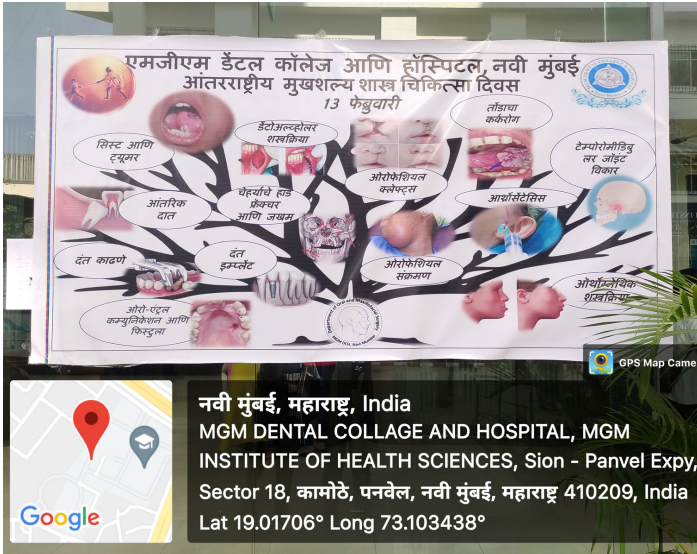


At the end of the workshop Orikam provided a Course kit which included Neoendo flex Assorted 25mm, K file assorted 25mm, Sidevent needle, Syringe, Acrylic block and Edta gel. Students were asked to practice access opening and obturation on acrylic blocks.



INTERNATIONAL ORAL & MAXILLOFACIAL SURGERY DAY

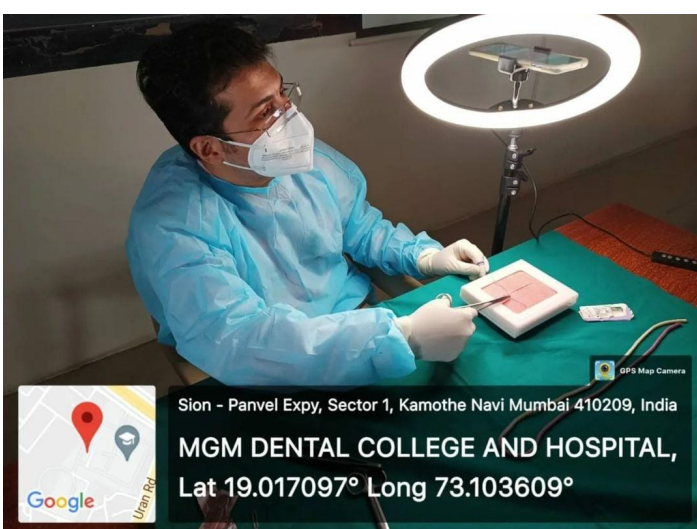
February 14th, 2022.



The Department of Oral and Maxillofacial Surgery celebrated OMFS Day on 14th February 2022. A lecture on “Basic Surgical Skill” and a hands on suturing workshop in association with ETHICON was organized for interns.



A Hepatitis B Vaccination Drive was organized as a part of the celebration for the Teaching, Non Teaching staff and housekeeping staff.



Life First - Tobacco Cessation Training Programme

February 21-22nd, 2022.



Tobacco Cessation training programme by Life First was organised by The Scientific Society and Tobacco Cessation Centre (MGMDCH-TCC) in association with Narotam Sekhsaria Foundation.



It was conducted by the Department of Oral Medicine and Radiology on 21st and 22nd February for the training interns.

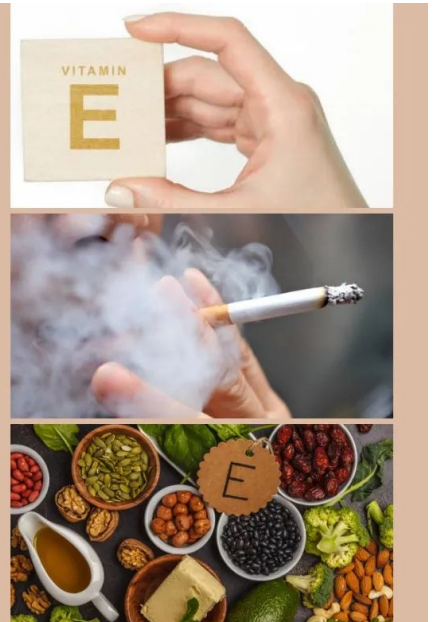


Smoking increases vitamin E requirements



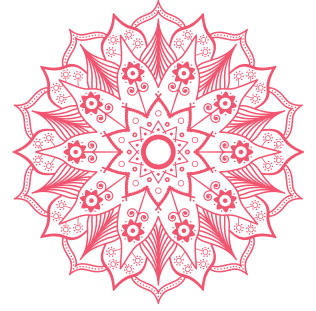
For free quit Tobacco assistance Contact us now on 1800-266-6431

Your life is in your hands, to make of it what you choose.



MANDALAS WITH MEENAL - ART WORKSHOP

February 25th, 2022.



A relaxing , de-stressing and meditative session of mandala art drawing was arranged by the Artville team. It was conducted by Dr. Meenal Namdeowar.



It was attended by students from all years, interns, non teaching faculty and faculty members as well. It was an enriching and peaceful experience for all to sit and focus calmly.

WORLD CANCER DAY

February 27th, 2022.



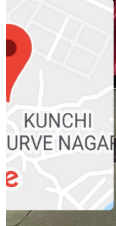
On 27th Feb, a team of interns had gone to Kalina for World Oral Cancer Day. They spread awareness to stop tobacco usage and did oral screening amongst the population.



Mumbai, Maharashtra, India
3VH9+GR5, Kolivery Village, Mahatma Phule Nagar,
Kalina, Santacruz East, Mumbai, Maharashtra
400029, India
Lat 19.078637° Long 72.869412°



A skit was also conducted and performed by the batch of interns. It highlighted the importance of oral health care.



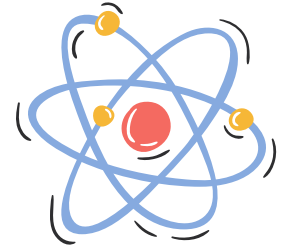
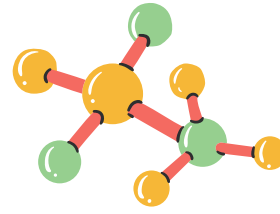
Mumbai, Maharashtra, India
47, Church Rd, Korve Nagar, Kalina, Santacruz East K
Kalina, Santacruz East, Maharashtra, Kolivery Village,
Nagar, Kalina, Santacruz East, Mumbai, Maharashtra 4
Lat 19.078265° Long 72.8696°



Mumbai, Maharashtra, India
Beside St.Mary's High School, Church Road, Near Shastrri Nagar
Lane, Kalina Santacruz East, Kolivery Village, Kunchi Kurve Nagar
Kalina, Santacruz East, Mumbai, Maharashtra 400029, India
Lat 19.077975° Long 72.869557°

NATIONAL SCIENCE DAY

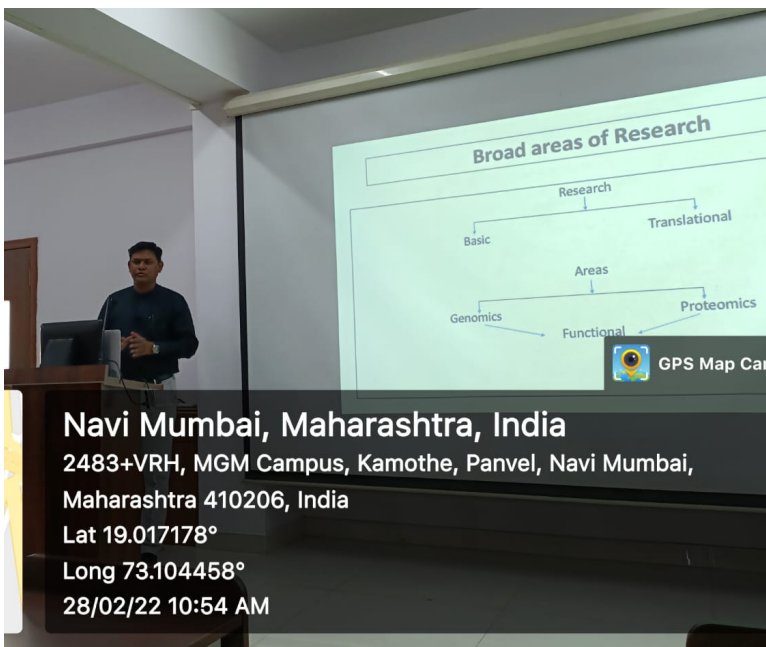
February 28th, 2022.



MGMDCH's Institutional Innovative Council had organized "Better Innovation Better Future" a Science Exhibition to provide a platform to young minds to display their innovations/innovative ideas.



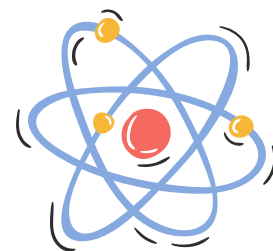
A debate competition for college students was also conducted on the topic - Interdisciplinary approach in healthcare: A hindrance or opportunity.



A lecture was conducted for innovative minds on online and offline platform by Dr. Bhanu Prakash Kota, Research Associate Advance Center for Treatment Research and Education in Cancer (ACTREC), Navi Mumbai

NATIONAL SCIENCE DAY

February 28th, 2022.



On the occasion of National Science Day, Dr Ganapati Yadav was the guest of honour. All the MGM heads had to give presentation about their respective research projects being conducted. This programme was conducted in MGM institute of health sciences.

Science is 1%
inspiration and 99%
perspiration.

Albert Einstein

Dr. Yadav was born in a peasant's family in the small village of Arjunwada in the Kolhapur. He was educated up to seventh standard in the primary school at his village. After the seventh standard he enrolled in Swami Vivekanand High School at Shelewadi, he made the journey to and from school each day on his bare feet. In Kolhapur, when he was a student at Private High School, he found accommodation as a paying guest with a local family. He attributes his entire success to great persons who changed the course of his life: the teachers and students who worked with him, even though he was nobody. He served as the vice chancellor of the Institute of Chemical Technology, Mumbai (erstwhile UDCT) from 2009 until November 2019. He is currently the Emeritus Professor of Eminence at ICT Mumbai. In India, he has been awarded with prestigious honors, such as IIT-Roorkee's Khosla National Award; RPG Life Sciences' Padma Vibhushan Prof. MM Sharma Medal and Chemcon Distinguished Speaker Award of IChE; Institution of Engineer's Eminent Engineer Award; Ashland Padma Vibhushan Prof. CNR Rao Medal & Chemcon Distinguished Speaker Award; Best Teacher Award of the Government of Maharashtra; Dr. Anji Reddy Innovator of the Year Award; Anna University's National Award for the Most Outstanding Academician; and VASVIK Foundation Award for Excellence in Research in Chemical Sciences and Technology. The American Chemical Society (ACS) elected him to the Editorial Board of its new journal, ACS Sustainable Chemistry and Engineering. He is a Fellow of the Indian National Science Academy (INSA) and the National Academy of Sciences, India (NASI), among others. He has been honored by the Government of India's Department of Science and Technology with its prestigious Jagdish Chandra Bose National Fellowship and is currently the only active university faculty member in the state of Maharashtra to be elected as Fellow of The World Academy of Sciences (TWAS) in Trieste, Italy. In 2016 the Government of India awarded him the fourth highest civilian honour of the Padma Shri, for his contributions to science and engineering.

UPCOMING LITERARY CONTESTS



IEW's 2022 Writing Contest

Deadline: April 30, 2022

IEW.com/iew-writing-contest-2022



Opens 10 December, 2021

Closes 11 March, 2022

Prizes:

First prize \$3,000

Second prize \$1,000

Third prize \$500

Local prize \$1,000

CREATIVE BRAINS: VISIONS OF TOMORROW

सतरंगी सा सूरज

आज की सुबह,
कल की चमकान हैं /

कल का रोशन सवेरा,
आज से ही तो बना हैं /

कल के आए नौ जवान,
आज के भारत की शान हैं /
ये है हमारा हिंदुस्तान /
डॉक्टर सी. वी रमण से इसकी पहचान हैं //

किरने तो सूरज देता,
पर रोशनी इन्होंने दिखलाई /

कैसे सतरंगी से रांगोंकी,
आज है इन्होंने पहचान कराई /

तुम क्या जानो,
आज के लिए इन्होंने कितनी लगन है लगाई...

"प्रकाश की प्रकीर्णन" सिखला कर
नए युग को अलग अंदाज की बातें कर ..
सतरंगों के सवेरे से पहचान कराई /

इसे समझना काफी था ना आसान
पर सोचो !

कैसे सूझी होगी इन्हे ये बात,
जो आज भी समझ न हुई हमें ..

सोचो कैसे नाप तोल कर,
की होगी इन्होंने शुरुवात,
जिसका जवाब मिला होगा उन्हें उस रात... /

कल की सोचकर देखा जाए
तो होगा कुछ ना आज /
कल में क्या ही रखा है,
बस रखा है तो..

उस अद्भुत अवतार का प्रयास /

इसलिए,
सोचा जाए तो आज की सोचो /
प्रयत्न कर सीखते रहो..
शायद इसीसे तुम्हारा कल बंजाए !

— सलोनी बांदेकर /
(B.D.S फाइनल ईयर)



CREATIVE BRAINS: VISIONS OF TOMORROW

Future of us

society,
preserves this unjustified right
to force their opinions,
brimming with an inclination,
to assume a position,
unsought by the world,
to assert their moral supremacy,
belittling others, who fail to adhere,
to their myopic attitude.

they established the female,
to be a caretaker, to settle at home,
and be unduly emotional,
to obey the norm,
pressurising, in multiple ways,
moulding her into objects,
shackling her down,
charring her ambitions
in the nuptial pyre, labelling stereotypes
all over her gorgeous soul.

exempting man from these atrocities,
entitling him to a field of space,
where the ego can fly forever,
where anger is justified,
but tears are ridiculed,
where fragility is figmental,
a man is hauled into existence.

subconsciously, maybe,
we do identify ourselves,
with these obvious roles,
curbing ourselves,
forming opinions of others
and ourselves,
but I'm seceding from this.

hurling away this cultural baggage,
which confined our minds,
within a world of binary,
its time, to break the walls,
and stride towards
an alternative reality,
where the poison of stereotypes
is barely an apparition.

- Neeraj Giri
Intern





OUR CHAMPS



REPUBLIC DAY COMPETITION WINNERS



ESSAY - VIKRANT VYAVAHARE (FIRST BDS)
POETRY - NIDHI HATISKAR (FIRST BDS)
SLOGAN - NIDHI HATISKAR (FIRST BDS)



SCIENCE DEBATE COMPETITION WINNERS



Team A:
Shardool Jagtap
Anurag Patil
Aryan Mishra.

Best debator
Khushi Bhatia





PUN-TASTIC WORDPLAY AND QUOTES



If you are not part of the solution, you are part of the precipitate.

**Surabhi Landge
Intern**

Don't Procrastinate, As Today's Science will create Tomorrow's Technology, Did you understand the Chronology?



**Apeksha Sanghvi
First BDS**



Hey you have any jokes about sodium?
Na.

**Surabhi Landge
Intern**