

## Innovative Teachings

### Teaching learning by Role play method by dept of Biochemistry

AETCOM communication skills were taught to the 1<sup>st</sup> yr MBBS students by performing role play on 30/08/22 in the department of biochemistry. The students enjoyed learning by this innovative method.

### OSPE was conducted by Physiology department

Practical examination for 1<sup>st</sup> MBBS 2021 Batch was conducted in Physiology department from 14-7-22 till 21-7-22 by OSPE method. For which four stations were made each having question, students were supposed to perform and the observer gave marks according to the checklist provided about the given question. The four learning domains namely cognitive, psychomotor, affective and attitudinal domain were tested by this method.



### OSPE on topic Gram staining for UG Students was conducted on 21<sup>st</sup> & 22<sup>nd</sup> June 2022 by Microbiology dept.

**Value added course on Hospital Acquired Infection for JRs on 19<sup>th</sup> to 22<sup>nd</sup> July 2022** 36 Junior residents from various clinical departments attended the course



### Series of small seminars conducted by Medicine department

To emphasize the importance of viral hepatitis, series of small seminars was organized in department of General Medicine for the junior residents. JR3s were given small topics related to viral hepatitis and later they presented seminars in the PG activity. Best presenter was recognised and felicitated. Also at the end of series a surprise MCQ test related to Viral Hepatitis was undertaken



### OSCE of 2018 batch

Post ending examination of 2018 was conducted by OSCE format. For the same 10 stations were prepared. By this assessment method all four learning domains namely cognitive, psychomotor, affective and attitudinal domain were tested. Dr. Tanuja Manohar, Dr. Sunanda Chaoji, Dr. Piyush Bhagat and 4 Junior residents took efforts to take exam in such an innovative way on 27.07.2022

### DOPS on Central Venous Access (WPBA)

To assess the procedural skills of 3<sup>rd</sup> yr PG students Medicine department conducted **DOPS (Directly Observed Procedural Skills)** in month of April & May. DOPS is an excellent work place based assessment method. All 3<sup>rd</sup> year PG students participated in this evaluation and were assessed while doing procedure as per the standard checklist prepared. All the 3 learning domains (Cognitive affective & psychomotor) were assessed by this method

## Outreach Activities

### Hepatitis awareness program at RHTC Katol

To celebrate world hepatitis day, Dept of General Medicine has undertaken Hepatitis Awareness Program for interns, nursing staff and non-teaching staff. Emphasis was given on importance of prevention and vaccination of viral hepatitis. Dr. Rupal Darak, CMO RHTC, Katol helped whole heartedly to conduct this program and also got posters related to Viral Hepatitis done from interns on 28<sup>th</sup> July 2022

### International Yoga Day celebration by OBGY department

**“GarbhavasthaavamYog”**, a yogasana workshop for antenatal women, was organized on the 22<sup>nd</sup> June 2022 by Dept of obgy as an outreach activity for antenatal OPD patients at Lata Mangeshkar hospital. Dr. Savita Somalwar motivated all antenatal women for getting acquainted with the importance of yoga in pregnancy. Dr. Prachi Dixit conducted a one hour session on yogasana practice with pre-asana warm up and post asana cooling. The program gathered a happy response under the able guidance of Professor and Head department of OBGY Dr. Anuja Bhalerao

### International yoga day celebrated at UHTC Jaitala by dept. of Physiology & community medicine

On the occasion of International yoga day a yoga session was organized for the people visiting the lifestyle modification center at UHTC Jaitala by Dept of Physiology and Community medicine. Dr. Rakhee and Dr. Shilpa conducted the session.



Editor - Dr. Kalpana Date

Co-editor - Dr. Meghna Gaikwad

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## Graduation Ceremony



Telang and Dr. Shlok Gupta were the awardees. The ceremony concluded with passing over of the symbolic torch to the representatives of the next batch and the Hats off ceremony. Dr. Shilpa Hazare, Secretary Alumni association proposed the Vote of thanks.

## IQAC organized a Rangoli competition

On the occasion of the **75<sup>th</sup> Independence Day Azadika Amrut Mahotsav**, IQAC organized a Rangoli competition for all the staff members (Teaching and Non-Teaching) as well as for the students. The theme of the competition was “75 years of triumph of Indian freedom struggle”.

The participants had to make the rangolis on 13<sup>th</sup> August 22. The prize distribution was held on 15<sup>th</sup> August 22 at the hands of Dr. Subhash Deshmukh, Vice Chairman, VSPMAHE and Hon. Dean Dr. Kajal Mitra.

The judges for the competition were Dr. Subhash Deshmukh, Vice Chairman, VSPMAHE and Mrs. Keerti Jambhulkar, wife of Mr. Jambhulkar, DIG, CRPF, Nagpur.

The prizes were given in 2 categories and the winners were as follows:

#### Group

1<sup>st</sup> prize: Paediatrics department (Dr. Akansh, Dr. Neha)

2<sup>nd</sup> prize: Medicine department (Dr. Swapnil, Dr. Nikita, Dr. Ankita, Dr. Aditya)

3<sup>rd</sup> prize: Supervisor NKPSIMS team (Rekha Kokade, Riya Waghmare, Premsheela Tembhurne, Durga Shende)

**Solo** - 1<sup>st</sup> prize: Vandana Limje (Staff Nurse-NICU)

2<sup>nd</sup> prize: Dr. Neena Nagdeo (Prof. & HOD-Microbiology department)

3<sup>rd</sup> prize: Rashmi Hande (Clerk-Clinical skills laboratory)





## from Editor's pen



**Dr. Kalpana Date**

**CBME –  
The future of Medical Education**

In India, competency-based medical education (CBME) is gaining foothold to transform the medical student into a doctor fulfilling community and societal needs.

The traditional undergraduate medical curriculum has faced tremendous criticism during the last few decades for being fragmented and overloaded and driving students to learn by rote and attain knowledge passively instead of inquisitiveness and exploration. Both teaching-learning activities and assessment focused more on acquiring knowledge and not on skill acquisition, nor on patient doctor communication nor attitude.

CBME is an outcomes-based approach to medical education and one of the key aspects that it reforms are assessments.

CBME emphasizes a shift from teacher-centered to learner-centered educative methods and a systematic interdisciplinary integrated learning rather than piecemeal information in each department. Another noteworthy alteration is problem-based learning which triggers the scholar to arm himself with knowledge crucial to encounter and solve real-life problems within the hospital or community.

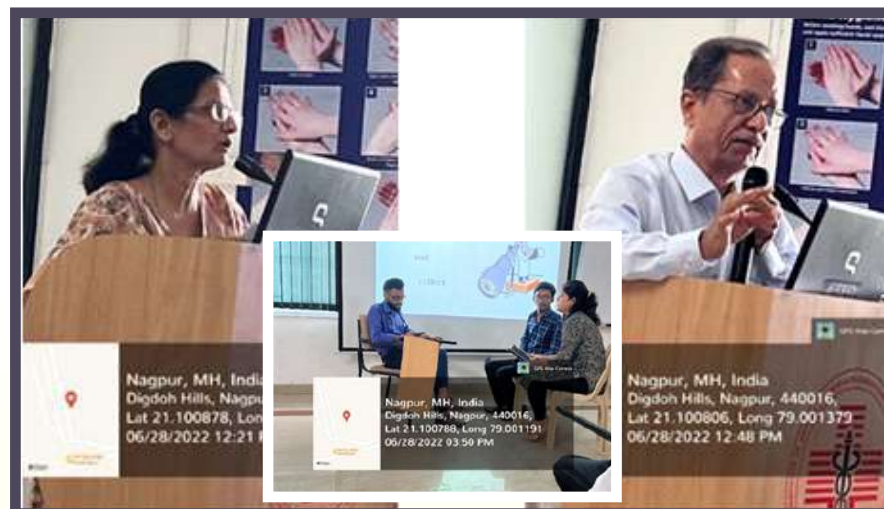
Implementing CBME, however, comes with significant challenges. Even though, challenges are there, but it is important to understand and have a belief that all this has been done to improve the health care services offered to the general population. The competency-based curriculum for undergraduate students has to be looked upon as an opportunity to produce competent and globally acceptable doctors and thus it is high time that all the stakeholders accept this as a challenge and work in a concerted manner to accomplish the intended goals.

Change is the only constant and everything needs to advance.' So does medical education.

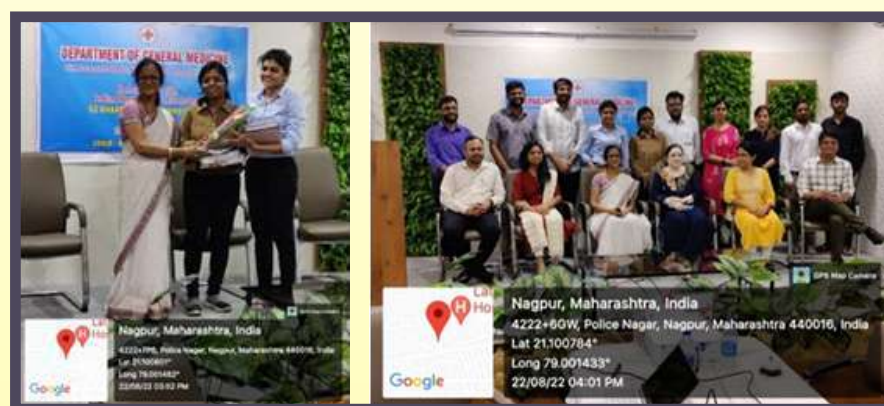
Proper implementation of the principles of CBME seems to be a demanding exercise in terms of manpower and resources. Another big challenge is desired change in attitude and approach of teachers. Frequent training programs to update faculty members in CBME. Capacity building of faculty is the key determinant of successful implementation of curriculum. In nutshell CBME is the future of medical education and is already being implemented across India.

The benefits of CBME apply to not only students and faculty, but also to patients.

## Departmental Snippets



**Departmental PG orientation programme** was held in the department of General Medicine in seminar room on 28.06.2022 & 29.06.2022 from 12 noon to 3pm. All the JR I's were welcomed to the department and were asked to give a brief introduction and mention their areas of interest & hobbies. Dr. N.R Humaney HOD & Prof. and all teachers gave instructions to the students regarding day to day working & the work ethics and culture. Dr. Umesh Hassani, Microbiology, delivered a talk on laboratory related work including specimen collections and procedure for Hospital acquired infections. Mr. Mayank Gadkari, A.O. talked about empanelment and enrolment of patients in various schemes. The meeting ended with a vote of thanks and decision to take a follow up formal meeting with JR-I's at the end of 6 months.



### SD Deodhar Rheumatology Quiz by Medicine department

A quiz for postgraduate students was held on 22<sup>nd</sup> August 2022 in Inspire MET hall by department of General Medicine, in association with IRA (Indian Rheumatology Association). Five teams from different medical colleges including GMC, Nagpur, IGGMC Nagpur, NKPSIMS & RC Nagpur, MGIMS Sevagram and JNMC Sawangi participated in the quiz. Dr. Akash Khune, Consultant Rheumatologist conducted the quiz. IGGMC Nagpur won 1<sup>st</sup> prize and team from JNMC Sawangi secured 2<sup>nd</sup> position. All the participants were awarded certificates & winners were given Rheumatology books as prize. Winners will go for state level round in near future. This quiz definitely added to the knowledge of all of us.

## MET Corner



### 14<sup>th</sup> June 2022: Anubandh for Second year 2020 batch

First session of Anubandh for freshly passed second MBBS students of 2020 batch was held on 14<sup>th</sup> June 2022 from 2 pm to 3pm. Theme of the session was icebreaking. Total 65 students of 2020 batch and 10 mentors of 2019 batch joined the session. Total 150 students were divided in 12 batches.



### 16<sup>th</sup> & 17<sup>th</sup> June 2022: Express to Impress (A two day workshop on presentation skills)

A two day workshop on presentation skills for MBBS students 2020 & 2021 batches was organized by Medical Education & Technology Unit of N. K. P. SIMS & RC and LMH Nagpur under the able leadership of Dean Dr. Kajal Mitra. Resource faculty was Dr Suresh Chari. The participation for the workshop was restricted to only 25 students.



### 30<sup>th</sup> June 2022 Extension activity

A guidance lecture on "Future plans in Medicine" was held at Indo Public School, Katol (state branch) on 30<sup>th</sup> June 2022 under the guidance of Dean Dr Kajal Mitra. 45 students of Class XI and XII participated in the activity. A lecture was delivered to the students by Dr Madhur Gupta, MEU coordinator and Prof and Head, Dept of biochemistry on motivation and going ahead in life.



### 1<sup>st</sup> July 2022: Extension activity

45 students of Class XI and XII from Indo Public School, Katol had a hospital visit of NKP SIMS & RC and LMH, Nagpur under the AARAMBH program. They visited departments of Anatomy, Pharmacology, Skills Lab, Radiology and the library to get acquainted with the career prospects in medicine



### 5<sup>th</sup> July 2022: Faculty Development Program on Electives

Faculty Development Program on "Electives" was held on 5<sup>th</sup> July 2022. The faculty was Dr. Madhur Gupta, Director MET Unit & Prof. & Head Biochemistry department. She explained the need for Electives and also explained how to create modules for electives as outlined by the NMC. A total of 39 teachers attended the program

### 4<sup>th</sup> August 2022: Guest Lecture

MET Unit and UG Cell conducted a Guest lecture for MBBS students by NIRMAL which is a youth development initiative of SEARCH (Gadchiroli) started by (Padma Shri) Dr. Abhay Bang & Dr. Rani Bang. The session was conducted by Mr. Gajanan Burde (Project Coordinator - NIRMAL) & Mr. Prathamesh Dhadse (Project Fellow - NIRMAL). 145 MBBS students attended this lecture



### 4<sup>th</sup> August 2022: Interdepartmental Fun Quiz

The Stress Buster Club of MET Unit of N. K. P. SIMS & RC and LMH organised an Interdepartmental Quiz for Teaching Staff on 4<sup>th</sup> August 2022. The Quiz master was Dr. Sushil Gawande. He had interesting rounds of questions based on our campus and teaching staff. First prize- Microbiology Department, Second prize- Radiology Department Third prize- Paediatrics Department

### 5<sup>th</sup> August 2022: Class Apart Full day workshop (To equip students with soft skills not taught in class)

A Full day Workshop "Class Apart -2022" was held under the able leadership of Hon Dean Dr. Kajal Mitra. The participants were addressed by Dr Suresh Chari, Prof. Biochemistry, NKPSIMS & RC and LMH, Nagpur on soft skills so as to bring in positive impact in their lives.



## Departmental Snippets



### Poster competition was conducted by dept. of Microbiology on hand hygiene day

Microbiology dept organized a poster making competition for UG students on 5<sup>th</sup> May on Hand Hygiene Day. Students were divided into groups and each group prepared a poster. Three prizes were given at the hands of Vice Dean Dr. V. R. Thombare



### Inauguration of TRUNAT machine in the tuberculosis laboratory

TRUNAT machine was installed in Dept of microbiology Inauguration was done by Hon. Dean Dr. kajal Mitra on 20/6/22. This machine will be used for molecular diagnosis of tuberculosis.



### Infection Control Bulletin MICROVISION

Issue no. X and Antibiotic Policy prepared by Dept of Microbiology and hospital Infection control committee was released on 15<sup>th</sup> August. This policy is prepared based on clinicians' experience and local antibiotic resistance data. Antibiotic policy is helpful for empirical antibiotic therapy.



### Skit on Eye donation by Dept of Ophthalmology

A skit on eye donation was conducted for post-graduate students as part of Post graduate students orientation program on 29.7.2022. Faculty involved were Dr.R. Khandelwal, Dr.D.Ajitkumar, Dr. Rhutuja Deo, Dr. N.Tekade, Dr. K. Shah, Dr. Aishwarya

### National level online quiz series for PG students by Dept of Ophthalmology on 28 May 2022, 2<sup>nd</sup> July 2022

the topic of glaucoma & on 6<sup>th</sup> Aug 2022 for which the theme was 'Uveitis Unfold'. PG students from various medical colleges across India participated.



### Workshop for PG students by Ophthalmology Department

As a part of 14th Annual Resident Education Program, dept of Ophthalmology organized Back to Basics'- Hands on Workshop along with Ophthalmological Society of Nagpur on 28/8/2022. PG from all over Vidarbha and Senior residents participated in this program. Faculty from N.K.P SIMS & RC and LMH Nagpur, Ophthalmology Society Nagpur, GMC Nagpur, AIIMS Nagpur and Madhav Netralaya actively participated in this activity

### Breast feeding week celebrated by Department of Pediatrics

Along with Dept of OBGY in collaboration with Association of Pediatricians, Nagpur from 1<sup>st</sup> to 7<sup>th</sup> August 2022. Activities were conducted to create awareness about breastfeeding. Rangoli, Poster & Slogan competition for health care professionals in NKPSIMS RC LMH, Nagpur. A syndicate seminar was conducted for UG students in which Basics about breastfeeding & issues in preterm and LBW babies practical aspects were discussed and sensitized about exclusive breastfeeding. For PG students OSCE examination was taken. An interdepartmental quiz was conducted.

## Departmental Snippets



### Neonatal Resuscitation Workshop by Department of Paediatrics

Organized a NRP Workshop under the aegis of IAP, National Neonatology Forum, FGM on 29.07.2022. The aim was to impart hands-on basic skills for neonatal resuscitation, so as to reduce neonatal morbidity. Three trainers were appointed by the National Neonatology Forum, conducted the training at different stations created in the skills lab of our college. Lead instructor and course coordinator was Dr Anjali Edbor Prof. Dept of Pediatrics Dr Roopal Khobragade Asst Prof. Dept of Pediatrics & Dr Amit Dahat National Executive member NNF, National NRP trainer (NNF/IAP) were other coordinators

### Quiz for PG and UG students by Department of Paediatrics

Dept of Pediatrics have organized various quizzes for UG and PG in association with IAP in month of September. 16<sup>th</sup> IAP Divisional Quiz for PG was conducted on 2<sup>nd</sup> Sep. Teams from GMC Nagpur, AIIMS Nagpur, IGGMC Nagpur, PDMMC Yavatmal, MGIMS Sevagram, GMC Akola, NKPSIMS Nagpur Participated in this quiz. AIIMS Nagpur won the quiz and qualified for the zonal round. 35<sup>th</sup> IAP Divisional Quiz for UG was conducted on 16<sup>th</sup> September. Teams From AIIMS Nagpur, NKPSIMS & RC and LMH, IGM Nagpur, MGIMS, Nagpur participated in this quiz. NKPSIMS & RC and LMH team represented by Dr. Nidhi R and Dr. Rohit Yadav won second prize

## Outreach Activities



### Free Diagnostic Camps by Dept of Community medicine

"Free Diagnostic Health Check Up Camp at "Buty ground, Gaddigodam, Nagpur" was organised Under the guidance of Dr. Deoke, Prof. and Camp Incharge on 7/7/2022. Doctors from various departments rendered their services. Approximately 415 patients were examined and 56 needy patients were referred to LMH, for further necessary evaluation and treatment. Dr. Sayali Bhagat, Dr. Tushar Tathe, Asst. Professor, Dr. Anuprita Bhadage, camp coordinator successfully conducted the camp.



Another "Free Diagnostic Health Check Up Camp at "Gramin Rugnalay, Pombhurna, Chandrapur" was organized by Dept. of Community Medicine Under the guidance of Dr. Deoke, Professor and Camp Incharge on 30/7/2022. Dr. Sayali Bhagat, Asst Professor, Dr. Anuprita Bhadage, camp coordinator successfully conducted the camp. Doctors from various departments rendered their services. MSW's Mrs. Sangita Mule and Mr. Ramtekkar explained various schemes and facilities available at LMH. Approx 5500 patients were examined and 500 needy patients were referred to LMH.



### Outreach activity was conducted at Mahatme Eye Hospital by Microbiology dept.

A lecture was given on Bio Medical waste by Dr Neena Nagdeo on 16<sup>th</sup> July 2022 at Mahatme eye hospital

### Breastfeeding week was celebrated by Department of Pediatrics

As a part of breastfeeding week celebration Dept of Pediatrics conducted an awareness program on 1<sup>st</sup> Aug 2022 for Anganwadi workers, OPD, Wards, PHC Katol And UHTC Jaitala. Dr. Pazare and Dr. Jain conducted an Interactive session where practical difficulties were discussed.



## Day Celebrations



### World Doctor's Day celebrated in department of General medicine:

Round Table Meeting on 'NOAC' was organized on the occasion of World Doctor's Day, by Department of General Medicine. The round table meeting on 'Novel Anticoagulants' was attended by All the teachers and Junior Residents. Dr Hitendra Bhagwatkar, In-House Cardiologist facilitated the discussion.



### 'World Hepatitis Day' celebrated by department of Medicine

Hepatitis B and C Screening Camp on 28<sup>th</sup> July in Medicine OPD for faculties and residents as well as non-teaching staff, 246 persons were screened for Hepatitis B and C. On 29<sup>th</sup> Viral Hepatitis Awareness Program was undertaken for nursing staff and non-teaching staff. Dr. Tanuja Manohar gave lecture on viral hepatitis and emphasized on importance of prevention and vaccination of viral hepatitis. Dr. Tanuja Manohar, Professor in Medicine was the event organizer

### World TB Day celebrated by Respiratory Medicine

To celebrate World TB Day 2022, a poster making competition on World TB 2022 was organized on 24<sup>th</sup> March 2022 by the Department of Respiratory Medicine in Collaboration with district Tuberculosis Control Society Nagpur. Nursing students of the Madhuritai Deshmukh Nursing College of NKPSIMS & Intern doctors of the Institute took active part in this competition.



### International yoga day celebration by Physiology department

On 21<sup>st</sup> June 22, physiology department celebrated international yoga day in collaboration with VSPM Dental College, VSPM College of Physiotherapy and Madhuribai Deshmukh Institute of Nursing Education, Nagpur had organized various events for all students, teaching and non-teaching staff. morning mass yoga session was conducted in Matoshree hall under the supervision of Dr Madhavi Mardikar a certified yoga trainer, also an E-Poster competition was organized and certificates were given to the participants.



### World bicycle day by dept of community medicine

To celebrate "Azadi Ka Amrut Mahutsav", 2 events were organized by community medicine on World Bicycle Day for NSS Volunteers on 03/06/2022. Volunteers were divided into 5 groups and had made Posters on the theme explaining the theme. Judges were Dr. Joshi, Associate Professor, Dept of Community Medicine and other teaching



### "World No Tobacco Day" by Community Medicine

Department of Community Medicine has conducted a poster presentation on "World No Tobacco Day" on 31/05/2022. It was presented by interns posted in the department in presence of all teaching faculty. Khushboo Agrawal, Sandesh Banginwar & Shweta Shriram were the presenters.



### Hepatitis Day celebrated by dept of Microbiology

On 28<sup>th</sup> July 2022 dept of microbiology celebrated Hepatitis day by conducting an interdisciplinary activity on Immunoprophylaxis for Hepatitis B, that was organised for Nursing staff and students.

### ORS DAY celebration by dept of Pediatrics

29<sup>th</sup> July 2022. ORS awareness was conducted at OPD and pediatric wards. People were educated regarding various signs of dehydration and also how to make ORS, queries of the parents were also answered. Poster and slogan competition was organized for which 50 students from UG, PG and Nursing participated. It was judged by Dr. Milind Borkar & Dr. Himanshu Dua along with Dr. Girish Nanoti.

## Departmental Snippets



### Yoga Training workshop by Department of Physiology

Lifestyle Modification Centre, Dept of Physiology, conducted 8 days training workshop on 'lifestyle Modification by Yogic Training' from 11-06-2022 to 20-06-2022 in the Harmony hall for 1<sup>st</sup> yr MBBS students. Students took the Yogic pledge and learned different Shuddhikriyas, Asanas, Pranayamas and stretching exercises. A lecture on 'Basics of Yoga and its importance in lifestyle modification for prevention of non-communicable disorders', was also organized for them. The students enthusiastically participated in the workshop.



### CME organized by Respiratory Medicine

On 25<sup>th</sup> March 2022, a one day CME on, "Tuberculosis Updates" was organized by the Department of Respiratory Medicine in the Inspire Hall the chief guest was Dr Rajesh Ballal a renowned Chest Physician of the Nagpur City Rajesh and the Special Guest of Honour was Dr. Kajal Mitra Dean of the NKPSIMS, Dr. Anil Sontakke Prof. and HOD of Dept. of Respiratory Medicine was the chairman. Dr. Rajesh Ballal delivered a lecture on "Latent Tuberculosis". Dr. Anil Sontakke, Dr. Sumer Choudhary, Dr Umesh Hassani, Dr. Gyanshankar Mishra, Dr. Mahendra Chavan also had talks on various topics.

**World breast feeding week by Dept of OBGY and Paediatrics in association with NARCHI Nagpur Chapter, NOGS and AOP** 1<sup>st</sup> to 7<sup>th</sup> August 2020. An awareness video was released for the ASHA workers to reinforce the importance & promotion of Breast feeding among mothers. A presentation on Home based care for newborn was made by Paediatrics department. Throughout the week various activities like rangoli competition, syndicate seminars, poster and slogan competition and webinar were organized and winners were felicitated.



### Live workshop on USG guided FNAC by Dept of Radiodiagnosis

On 10<sup>th</sup> August 2022 a live workshop on ultrasonography guided FNAC was organized by dept of Radiodiagnosis, which had lectures followed by live demonstration of CT guided biopsy and USG guided FNAC and a talk on the limitations of both Radiologists and Pathologists with regard to the procedure to establish better coordination between the two departments and deliver better diagnostic services to the patients.



### Live workshop of Dr Harnam Singh Mid-term CME on Breast Imaging by dept of Radiodiagnosis

On 14<sup>th</sup> Aug 2022 dept of Radiodiagnosis had organized a workshop having live demonstration of breast biopsy procedure and demonstration of techniques, how to avoid complications, how to do self-learning was performed. Dr. Ameen Ansari & Dr. Pooja Ladkere received 2<sup>nd</sup> prize in Poster Presentation Dr. Harnam Singh Mid-term CME on Breast Imaging held on 13<sup>th</sup> and 14<sup>th</sup> August 22.



### Open group discussion of faculty by biochemistry department

The department of biochemistry have started Open group discussion on every Monday among faculty on various topics to update the latest knowledge in the subject.

### Guest lecture by biochemistry department

The department of biochemistry Conducted a guest lecture by Mrs. Simatini Upadhye, Internal Auditor and consultant NABL on 08/08/2022 in Inspire Hall. She delivered an informative talk about the way ahead from application to assessment in NABL.

The session was followed by interactive question answer session. The session was attended by 21 faculties & technical staff.