



**NKP Salve Institute of  
Medical Science & Research Centre  
And Lata Mangeshkar Hospital**



## **ANNUAL REPORT** 2020-21

**Giving our best  
'Shot'... alwayz**

**Transforming Society Through Education & Compassion**



# ANNUAL REPORT

## 2020-21

**NKP Salve Institute of  
Medical Science & Research Centre  
And  
Lata Mangeshkar Hospital**

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**Published By**

**Dr. Kajal Mitra**

Dean  
NKPSIMS & RC and LMH





॥ या कुन्देन्दुतुषारहारधवला या शुभ्रवस्तावृता या वीणावरदण्डमण्डितकरा  
या रुवेतपद्मासना । या ब्रह्माच्युतशंकराप्रभृतिभिर्देवैःसदा पुजिता  
सा मां पातु सरस्वती भगवती निःशेषजाड्यापहा ॥



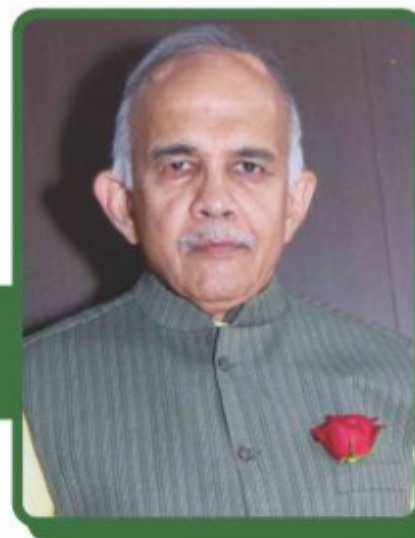


## VSPM ACADEMY OF HIGHER EDUCATION



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**Shri Ranjeet Deshmukh**  
Chairman, VSPM AHE

### *Chairman's Blessing*

Welcome to NKPSIMS & RC Nagpur..

Today in the times of COVID-19, when the world is trying to fight the global pandemic, NKP Salve Institute of Medical Science & Research Center & Lata Mangeshkar Hospital stands tall in line for the same. We are well equipped with staff and infrastructure to provide excellent health care services to a large section of society specially those affected with COVID-19. Our warriors are giving their selfless services like the numerous others who are fighting the disease.

I take great pleasure in welcoming you all to the NKP Salve Institute of Medical Sciences & Lata Mangeshkar Hospital & to the unfolding of my ideas & cherished dreams of Medical Education taking shape.

NKP Salve Institute of Medical Sciences & Research Centre , Nagpur has become a premier Institute in this area & has lived up to the motto of providing World Class Education to our UG & PG students since 1990 ,who have settled well in India & abroad. Our extracurricular activities have given our students the zeal & practicality of leading successful & happy lives.

I take great pleasure in complimenting the editorial team for their efforts in compiling this report.



## From the desk of Founder



**Shri Bhausaheb Bhoge**  
Founder, VSPM AHE

VSPM AHE was started with a vision to provide quality education and health care to the rural population of our nation. NKPSIMS and LMH began its journey to fulfill the same thirty years ago. All new ventures face many road blocks in its path. VSPM did much more than passively survive the difficult conditions that faced us: we actively grew and thrived, positioning ourselves to do the same in the years to come.

We have been shaping up our young generation to become competent, compassionate and dedicated medical professionals. Patients have been and should continue to be the primary focus of the institute.

Personally I am happy to see the institute progress in the right direction to fulfill the mission of VSPM AHE to serve the weaker and underprivileged sections of our society.

I congratulate the editorial team for preparing the Annual Report for the year 2020-21 which reflects our growth through the year and indicates our hard earned present status clearly. My best wishes for a bright future of the institute.



## Vice Chairman's Message



**Dr. Subhash B. Deshmukh**  
Vice Chairman  
MD.FRCS.FACEP

I commend the editorial committee and all involved releasing 'Annual Report 2020-21'.

Your hard work is well appreciated. COVID 19 cloud is still hanging over us today. COVID has affirmed that there is only one civilization in the world. In the grand scheme of things nature cares for all life. Virus will live. We will live. Evolutionary immunological adaptation is bound to occur.

Today I urge the doctors, nurses, technicians and all the healthcare workers to have an extra dose of humility and compassion in dealing with the patients. In rare few cases you may be the last human contact with them, not even their most loved ones.

I thank each of NKP Salve Institute of Medical Sciences & Lata Mangeshkar Hospital worker for their contribution for the betterment of the institute and the hospital.

Thanks

## Hon'ble Working Chairman



**Dr. Ashish Deshmukh**  
Working Chairman, VSPM AHE

My greetings to all,

To begin with, I would like to salute all the corona warriors for being the bravest soldier in this fight against the unprecedented corona pandemic.

Annual report is a mirror that shows us what progress and growth has been made over the year. It is universal truth, mirrors do not lie. Since its inception to its present.

An annual report of NKP Salve Institute of Medical Science and Research Centre, Digdoh Hills, Nagpur is expected to depict the progress made by our institute during the year.

I am confident, this annual report will go a long way in highlighting the progress made by NKP Salve Institute of Medical Science and Research Centre staff from bottom to top level.

I wholeheartedly wish the success to the editorial board and those involved in publishing this Annual Report 2020-21 and wish them all the best for such endeavour in future and take the name of institution on high in future.



**Dr. Kajal Mitra**  
Dean, NKP SIMS & RC, Nagpur

## Dean's Message

I feel privileged to write this message for the Annual Report for the year 2020-21. The world has suffered one of the worst pandemics and we have produced many vaccines in record time. The challenge still remains of vaccinating large population specially in our country.

This pandemic has taught us that human beings are as resilient as ever, surviving the worst and still keeping its moral high. Ours is a Dedicated Covid Hospital and we have treated thousands of patients free of cost. The Region and the country is preparing for a possible 3rd wave. We, at our institute are also prepared to tackle any possible up surge of the Covid cases. We have already placed order for an oxygen generation plant (VSA technology). In a well attended function, we felicitated the Covid Warriors of our institute, while celebrating Amrut Mahotsava of Hon'ble Chairman Shri. Ranjeetbabu Deshmukh. We also dedicated new ICUs and wards for Paediatric Covid patients on the occasion.

With hardly any patient of Covid, the students have come back to the colleges and we have started their onsite classes. In teaching learning which is the core area of the institute, we are doing fairly well and have conducted record number of online classes prior to starting onsite classes. The faculties undertook a lot of research work on Covid patients and have published scientific papers on the theme.

We underwent Peer Team visit for NAAC accreditation in the 1st week of August 2021 and hope to get good grade in that respect. We have applied for 250 MBBS admissions this year. The NMC permission in that regard is awaited. We have been able to create international standards infrastructure ( Central Library, Gymnasium etc). We have also acquired many new equipments in compliance with the requirements of 250 UG admissions.

Lastly, I congratulate the Editorial Team headed by Dr. Pragati Karmarkar, Asso. Professor of Pathology for bringing out this year Annual Report.



## Editorial Team



**Dr. Pragati Karmarkar**  
Editor, Annual Report



**Dr. Suresh Chari**  
Chairperson, Publication Committee



**Dr. Mohana Majumdar**  
Co-Chairperson



**Dr. Vidula Gowardhan**



**Dr. Trupti Dongre**



**Dr. Rakhi Ambade**



**Dr. Savita Somalwar**



**Dr. Pragati Karmarkar**  
Editor, Annual Report

Greetings

The year 2020-21 was a year like no other. A crisis which was never seen before. The unparalleled situation of Covid-19 pandemic brought the whole world to a halt and forced us to think in a new way of learning and living. This pandemic has taught us to explore the potential of digital platforms and also has given us an opportunity to reach people in a much wider way.

As you all know that every year the Annual report of our institute is being published regularly. I feel deeply honored to work as editor and chairperson for this important venture. I take this opportunity to thank our Dean, Dr. Kajal Mitra Sir, for trusting me with this responsibility and also for his valuable suggestions and guidance.

I am grateful to all the HOD's and staff members for their prompt response with requisite information. I am thankful to all my team members, colleagues and Dr. Sabiha Maimoon, HOD, Pathology for her enthusiasm and cooperation. I would like to thank our management for their encouragement in publishing this Annual Report. My sincere thanks to photo artist, Mr. Anil Mamilwar for his timely help and support.

I hope that you find this Annual Report a true reflection of our own growth and progress over the last year and an inspiration to achieve even more during the next year.

Wishing everyone a healthy year ahead

Warm regards.

*From the Editor's Desk*



## OUR STRENGTH & SUPPORT



**Dr. Kajal Mitra**  
Dean



**Dr. Vilas Thombre**  
Vice Dean



**Col. Dr. Vikas Dhanorkar**  
Director, Hospital Administration



**Dr. Nitin Deosthale**  
Vice Dean - Clinical.M.S

### ADMINISTRATIVE SET UP

**N.K.P. Salve Institute of Medical Sciences & Research Centre and  
Lata Mangeshkar Hospital Digdoh Hills, Hingna Road NAGPUR - 440019**

<b>Dean</b> Dr. Kajal Mitra	<b>Director (Hospital Administration)</b> Col. Dr. Vikas N. Dhanorkar	<b>Vice Dean</b> Dr. V. Thombre	<b>Vice Dean Clin./M.S.</b> Dr. Nitin V Deosthale
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<b>Dir. Gen. Adm.</b> Dr. Mohana Majumdar	<b>Director Research &amp; MET</b> Dr. Suresh Chari
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<b>U. G. Cell</b>	Dr. Madhur Gupta	Group HR Head	Mr. Shashikumar R.
<b>P. G. Cell</b>	Dr. Manish Sawane	Nursing Superintendent	Mrs. Rita John
	Dr. Nitin Deosthale	Chief Executive	Mr. Eknath Choudhary (F & A)

<b>HOD's</b>			
Anatomy	Dr. Deepali Onkar	Physiology	Dr. M. Sawane
Biochemistry	Dr. M. Gupta	Pathology	Dr. S. Maimoon
Microbiology	Dr. N. Nagdeo	Pharmacology	Dr. A Borkar

Forensic Medicine	Dr. H. Kanade	PSM	Dr. A Saoji
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ENT	Dr. V. Harkare	Ophthalmology	Dr. R. R. Khandelwal
Orthopedics	Dr. S. Mankar	Radiology	Dr. Avinash Dhok

Anesthesiology	Dr. A. Bhure	Surgery	Dr. Nitin Wasnik
Plastic Surgery	Dr. J. Mehta	Pediatric Surgery	Dr. M. Albal
Medicine	Dr. N. Humaney	Pulm Medicine	Dr. B. O. Tayade
Psychiatry	Dr. V. Kirpekar	Dermatology	Dr. M. Borkar
Obstetrics & Gynecology	Dr. S. Joshi	Paediatrics	Dr. G. Nanoti

<b>S.A.O.</b>	Maj. (Dr.) Lokesh Gotmare
<b>A. O. (Hospital)</b>	Dr. M. Chaudhary
	Dr. Mayank Gadkari
<b>Accounts</b>	Mr. Harpreet Singh
<b>Purchase</b>	Mr. Shashikumar R.
<b>Library</b>	Mrs. Soniya Sarve



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## NKP SALVE INSTITUTE OF MEDICAL SCIENCES & RESEARCH CENTRE



The Institute was established by Vidya Shikshan Prasarak Mandal Academy of Higher Education (VSPM AHE) on 22/06/1990 and completed its silver jubilee celebrations in 2015. The Institute has been named after an eminent economist & Ex central government minister, honorable Late Shri NKP Salve, NKP Salve Institute of Medical Sciences & Lata Mangeshkar Hospital, Nagpur. Initially it was established at Sitabuldi with a commitment to Health - Nation's wealth and then shifted to Digdoh Hills, Hingna Road.

Over the years it has grown as one of the premier medical institute of the country offering medical education of high standard and quality health care. NKP SIMS has attained a prestigious status due to the personal interest and strenuous efforts taken by the committed team - Founder Shri Bhausaheb Bhoge, Honorable Chairman, Mr. Ranjeet Deshmukh, Dr. Ashish Deshmukh, Dr. Amol Deshmukh and Dean Dr. Kajal Mitra. Together with other professional team members in place for the smooth running, this medical institution has seen sustained growth.

The institution has started off with the aim to fill in the additional need of medical education in the region and to be able to deliver health services. The institution was also keen on being recognized as a reference point and to be looked up to for point pioneering advance.

The institution is spread over 68 acres of land on the periphery of the city, sits amidst open natural setting. From a single storey structure, it is now annexes groups of buildings housing the varied departments.

The institute is affiliated to the Maharashtra University of Health Sciences, Nashik, and the apex body is the Medical Council of India, New Delhi. The institute has one Undergraduate MBBS program where 150 students have enrolled per year; 19 Post Graduate Degree courses, currently has intake of total 133 PG seats every year, 1 Super Specialty Course (M. Ch.), PhDs in 9 disciplines and 1 Certificate (Fellowship) Course per year.

The Pre and Para clinical departments are located in the spacious double storied building complex. The clinical departments are housed in the spacious well equipped hospital adjoining the college. The hospital is 910 bedded and is attached to the college.





The Institute has established the Research cell and MET Unit (MCI and MUHS recognized) in 2009, keeping in mind the promotion of research activities. The institute has an academic indexed journal 'Panacea, the Journal of Medical Sciences' and exclusive educational technology, multidisciplinary, indexed journal, 'Journal of Education Technology in Health Sciences (JETHS)'. The institute is also recognized and awarded by the UNESCO Chair of Bioethics in 2016.

The infrastructure and teaching programs comply with the requirements of the regulating council. Various innovations like BLS training, Communication and Clinical Skills Laboratories, Faculty Development Programs by Medical Education Technology (MET) Unit, Anubandh, a mentorship program, Lifestyle Modification Centre, Palliative care, etc., provide a new sense of direction to the institute.

All the departments, including preclinical and clinical, are fully equipped as per the norms laid down by NMC. The lecture halls are well furnished with availability of audio visual aids and smart board facility in each of them. The college auditorium 'Matoshree' has a hall of seating capacity 1000.

Additionally the hospital is equipped with modern facilities and diagnostic procedures including 16 slides CT Scan, MRI, DSA, Mammography, Endoscopy. Blood Bank of NKP SIMS & LMH is the only such facility in Hingna area providing 24 x 7 services to rural populations for blood and blood components.

Qualified, experienced and dedicated faculties are the pride of the institution. Students are admitted through National Entrance Test of Government (NEET). Every year sees sincere, goal oriented and keen youngsters entering the portals to excel in academics with distinctions, awards and medals. They participate extracurricular activities that include sports, cultural fests, debate, drama, and music. The institution turns them into all-round professionals who are always ready to utilize their skills for the under privileged.

Faculty and students are encouraged to present their work in conferences and workshops during the academic session. Most of the research papers are published in indexed journals of national and international repute. The institute has hosted several national conferences, workshops and CMEs. In this context, the NKP SIMS is proud to mention its Medical Educational technology (MET) Unit, which was created in 2009 with the specific task of improving the teaching standards, inculcating the spirit of research in the students as well as the staff and updating medical science through publication of journals-both in print and electronic. Its efforts are visible by the exponential rise in research activities and publications from this institute in the last decade. NKP SIMS believes in academic excellence as well as personal mentoring of students to prepare them to achieve great heights and face the challenges in today's competitive world.

## VISION

To establish NKPSIMS as a globally competent and leading health education institute providing equal opportunities of becoming competent health professionals through quality medical education, promote need based research and provide comprehensive yet affordable health care services to the society, preserving ethics and values of the institute.

## MISSION

NKPSIMS, through value driven leadership, shall strive to develop confident, a compassionate and globally competitive health professionals who are sensitive to the health needs of the society and who will make a positive difference to the lives across the globe.

It shall rely on modern teaching technology with holistic approach to impart quality higher education using competency based, enquiry driven active learning principles to produce competent health professionals.

It shall engage in conducting meaningful research with relevant local, national and global partnership that will foster quality health care in the community.

It shall commit to deliver preventive, promotive and curative health care services to both rural and urban population of the society and create health awareness amongst masses through it's outreach activities.





## LATA MANGESHKAR HOSPITAL

### ABOUT US

Inaugurated in the year 1990, this hospital is attached to The NKP Salve Institute of Medical Sciences & Research Center, as a teaching hospital.

The Hospital has been upgraded to 780 bedded, medically equipped independent hospital. The hospital located at Digdoh Hills serves the people of the nearby villages industrial area. It has excellent facilities for hospitalization of indoor patients.

The specialty units of the hospital are well patronized by the people because of its location and its affordable charges. There is a twenty four hours casualty and disaster management facility. The hospital has been provided with facilities like twenty four hours Pathology and Blood Bank, ECG, EEG, C-ARM Radiology, Dialysis unit MRI, 16 slice CT Scan, Colour Doppler, Ultra sonography, Mammography X-ray and Pathology investigations of diseases are also done routinely.

The Surgery Unit not only performs the routine surgeries but also has a Burn and Reconstructive Surgery unit, Urology and Plastic surgery. The General Medicine caters to adult diseases and has a well equipped ICU / ICCU Ophthalmology department has facilities for regular eye care. Cataract, Glaucoma surgeries are undertaken .It boasts of a YAG laser eye treatment unit.

The Pediatrics department works for the welfare of the newborn, child as well as the Adolescent. It has a Neonatal Intensive care unit and a Pediatric Intensive care unit. The Hospital has Dentistry and Physiotherapy Departments.

The Hospital is the first hospital in Vidarbha to be awarded the certificate of "Mother friendly & Baby Friendly hospital." The hospital has founded the Nagpur Chapter of Hemophilia Society in India for the treatment of Persons with Hemophilia.

### QUALITY POLICY

Lata Mangeshkar Hospital is committed to delivering quality patient care at affordable price through practices that are ethical and equitable.

To practice high standards of medicare, creating patient friendly health care eco system through continual improvement. To ensure patient is treated with respect, compassion and dignity in a safe environment.

### VALUES

- |              |   |                                       |
|--------------|---|---------------------------------------|
| ▲ Excellence | — | in clinical & non-clinical services.  |
| ▲ Enthusiasm | — | be inspired to save & enrich life.    |
| ▲ Ethics     | — | follow the code of medical ethics.    |
| ▲ Empathy    | — | to understand & feel.                 |
| ▲ Etiquette  | — | to follow code of medical etiquettes. |

## SERVICES AVAILABLE

### 24x7 EMERGENCY SERVICES

- ▲ Casualty
- ▲ Blood Bank
- ▲ Diagnostic And Clinical Pathology
- ▲ Radiodiagnosis Department
- ▲ Pharmacy
- ▲ Labour Room
- ▲ Critical Care Unit
- ▲ Eye Bank

### CLINICAL SERVICES

#### Out Patient Department

- ▲ Medicine
  - ECG
  - ECHO
  - TMT
  - Endoscopy
- ▲ Surgery
- ▲ Urology
- ▲ Paediatric Surgery
- ▲ Plastic Surgery
- ▲ Obstetrics And Gynecology
- ▲ Paediatrics
- ▲ Immunization Room
- ▲ Orthopadics
- ▲ Respiratory & T.B. Chest Medicine
  - Bronchoscopy
- ▲ Ophthalmology
- ▲ ENT
- ▲ Psychiatry
  - EEG
  - ECT
- ▲ Skin & VD
- ▲ Artificial Limb Centre
- ▲ Palliative Care

#### Inpatient Department

- ▲ Medicine
- ▲ Surgery
- ▲ Urology

- ▲ Paediatric Surgery
- ▲ Plastic Surgery
- ▲ Obstetrics And Gynecology
- ▲ Paediatrics
- ▲ Orthopaedics
- ▲ Respiratory & T.B. Chest Medicine
- ▲ Ophthalmology
- ▲ ENT
- ▲ Psychiatry
- ▲ Skin & VD

### CRITICAL CARE UNIT

- ▲ Medicine Intensive Care Unit
- ▲ Respiratory Medicine Intensive Care Unit
- ▲ Surgical Intensive Care Unit
- ▲ Obstetrics Intensive Care Unit
- ▲ Paediatrics Intensive Care Unit
- ▲ Neonatal Intensive Care Unit
- ▲ Burn Unit
- ▲ Dialysis Unit

### MODULAR & NON MODULAR OPERATION THEATRES

- ▲ Labour Room

### RADIODIAGNOSIS DEPARTMENT

- ▲ Computed Tomography (CT Scan)
- ▲ Diagnostic X-ray
- ▲ Ultrasound Magnetic Resonance Imaging(MRI )
- ▲ Mammography

### HEALTH SCHEMES

- ▲ JSY
- ▲ National Immunization Program
- ▲ National Blindness Control Program
- ▲ BPL Scheme
- ▲ Mahatma Jyotiba Fule Jan Aarogya Yojna
- ▲ MPKY
- ▲ ESIC
- ▲ Pradhan Mantri Jivan Dai Yojna





## DISTRIBUTION OF INPATIENT BEDS

DEPARTMENT	GENERAL BED
Surgery	150
Paediatric Surgery	20
Plastic Surgery	20
ENT	30
Ophthalmology	40
Ortho	90
Medicine	150
Gynae	90
Psych	30
Skin	40
TB Chest	30
Paediatric	90
<b>Total</b>	<b>780</b>

DEPARTMENTS	CRITICAL AREA BED
NICU	10
Septic NICU	10
PICU	10
GYN ICU	4
Casualty	25
MICU	20
NEW SICU	10
OLD SICU	5
Dialysis + Burn Unit	7+9

- COVID-19 swab Centre: Patients undergoing operations were subjected to swab examinations, which were sent to AIIMS, Nagpur for testing. Swab Collection centre was started in side room of Ward no. 7 and Residents collected the Nasal and throat swab samples and maintained the records.
- Establishment of Pre COVID Wards: In order to prevent a COVID positive patient from getting admitted directly to each ward. Each department has set up a Pre COVID ward and only after their Nasal swab is negative they are shifted to their respective wards.
- IPD facility of COVID-19:** Our hospital recognized as a Dedicated COVID Hospital, total no. of 540 beds has been offered. Out of which 10 bed ICU and 263 beds with O2 support have been created as directed by Civil Health Authorities. COVID-19 training conducted under the guidance of department of Medicine.

### AIMS : Year 2020 -2021

- Preparation for NABH final Accreditation.
- Establishing and strengthening the super speciality services.
- Implementation and execution of EMR.
- Providing safety to Clinicians and employees from COVID-19 by supplying Personal Protective Equipment (PPE) and sanitizing the campus at regular interval.

## DEPARTMENT OF HOSPITAL ADMINISTRATION

Department of Hospital Administration is entrusted with the responsibility of efficiently running the hospital coordinating between clinical departments and providing quality patient care.

The department conducts meeting virtually every day to take day to day decisions regarding hospital running and problems faced.

COVID-19 preparations: Pandemic of COVID-19 has affected almost all parts of the world and so is our city / area. In order to take up in this challenge of handling patients of pandemic, following steps were taken by our departments:-

- OPD Screening of COVID-19 patients: New OPD entrance with single entry was started and every person coming into the hospital is screened at the gate by thermo screening. JRs on duty ask patients and their relatives about their area of Residence and travel history if any.
- Resident doctors screened the patients for COVID-19 symptoms after confirming that there was no such history then only they were allowed in the hospital to prevent entry of COVID positive patients, hence, restricting the entry of COVID patients in the hospital.

## Lata Mangeshkar Hospital as DCH, COVID-19 management

- LMH, Hingna was designated as DCH on 2nd May 2020 vide letter no. DCH/2610-615/2020
- Pre Covid activities were started under the guidance of Col. Dr. Vikas Dhanorkar during the months of April, May, June & following preparations for starting Covid wards (DCH), Oxygen pipeline, Contact tracing, Quarantine, Isolation, Sample collection teams in Community/ hospital.
- LMH offered approximate 230 beds out of which 184 are O2 beds, 46 non O2 beds with a 10 bedded ICU and rest of the beds distributed in 5 wards (two of respiratory medicine and three wards of Orthopaedic dept).
- First case was admitted on 15th July, 2020 and we started getting COVID positive cases from IGMC and GMC w. e. from 4th August 2020 so as to share the load on IGMC & GMC.
- We had maximum cases during the month of August & September. The situation in Nagpur was worsening and there were no beds available all over Nagpur. We too had problem and were under tremendous pressure of admitting cases from GMC/IGMC, COVID centre of NMC and rural health agencies. This challenge was met by adjusting all serious cases needing oxygen and ventilators. Most of the cases referred to LMH were accommodated having some exception when we had all ICU / oxygen bed occupied which was beyond our control.





6. LMH had total patient treated approximately 1328 patents in DCH during 1st wave, 1336 patients during 2nd wave & total patient treated 2664 cases till date. All cases were treated free of cost with the assistance of Govt. health authorities in term of drugs, consumables and reimbursement of food for patients as well as health care workers. Though most of cases recovered, however we had 298 deaths in spite of full care of patients on war footing.

7. Vaccination drive was started & successfully completed as :-

	1st dose	2nd dose
Vaccination for Health Care Workers	1852	1643
FLW	1080	129
Others	1166	523
<b>Total</b>	<b>4098</b>	<b>2195</b>

8. Post Covid OPD is started with the aim to manage Post Covid complication and providing consultation at free of charge. In view of increased mucormycosis case load in society, we have started to provide treatment of mucormycosis under the MJPJAY, this facility lessen the financial burden of the patient. 25 cases admitted and treated till date.

### VIRAL RESEARCH & DIAGNOSTIC LABORATORY SET UP

Viral Research & Diagnostic Laboratory was set up in the Department of Microbiology in view of pandemic situation in India. This laboratory is having separate Viral extraction room with Biosafety cabinet, Master Mix room, Template addition room and PCR room. It is a BLS II laboratory with restricted entry. Molecular diagnosis of Infectious diseases is done by RTPCR testing in Himedia – InstaQ Machine which is an open system.

This laboratory is accredited by NABL on 18th January 2021 for RNA PCR tests. Presently COVID – 19, HCV and Influenza RTPCR tests are being carried out in this laboratory. The laboratory is well equipped to cope up with future challenges in Molecular Diagnostics

### STATISTICAL INFORMATION OF LATA MANGESHKAR HOSPITAL FOR THE YEAR 2020-2021

PARAMETER/YEAR		2020-2021		
		Total	Avg. /Month	Avg./Day
OPD	New	186236	15520	621
	Old	93118	7760	310
	Total	279354	23280	931
Casualty		22063	1839	74
IPD	Admission	24062	2005	80
	Discharge	23791	1983	79
Surgeries	Major	6501	542	22
	Minor	16291	1358	54
Deliveries	Normal	730	61	2
	Caesarian	744	62	2
	Total	1474	123	5
Death		484	40	2
Laboratory	Biochemistry	157616	13135	525
	Haematology+CP	193547	16129	645
	Microbiology	43216	3601	144
	Histopathology	4831	403	16
	Cytology	6982	582	23
Radiological Investigation				
	Routine (X-Ray)	48370	4031	161
	Special	1167	97	4
	Sonography	25359	2113	85
	C.T. Scan	5532	461	18
	MRI	4040	337	13
	Mammography	84	7	-



### Department of Medicine

		Total	Avg. /Month	Avg./Day
OPD	New	31320	2610	104
	Old	15659	1305	52
	Total	46979	3915	157
IPD	Admission	4718	393	16
	Discharge	4589	382	15
Death		173	14	1

### Department of Paediatrics

		Total	Avg. /Month	Avg./Day
OPD	New	13527	1127	45
	Old	6763	564	23
	Total	20290	1691	68
IPD	Admission	3061	255	10
	Discharge	2818	235	9
Death		61	5	-

### Department of Skin & VD

		Total	Avg. /Month	Avg./Day
OPD	New	14337	1195	48
	Old	7168	597	24
	Total	21505	1792	72
IPD	Admission	571	48	2
	Discharge	501	42	2

### Department of Psychiatry

		Total	Avg. /Month	Avg./Day
OPD	New	12543	1045	42
	Old	6271	523	21
	Total	18814	1568	63
IPD	Admission	585	49	2
	Discharge	498	42	2

### Department of Respiratory Medicine

		Total	Avg. /Month	Avg./Day
OPD	New	9462	789	32
	Old	4731	394	16
	Total	14193	1183	47
IPD	Admission	727	61	2
	Discharge	684	57	2
Death		13	1	-

### Department of Surgery

		Total	Avg. /Month	Avg./Day
OPD	New	26170	2181	87
	Old	13086	1091	44
	Total	39256	3271	131
IPD	Admission	3600	300	12
	Discharge	3501	292	12
Surgery	Major	1960	163	7
	Minor	6607	551	22
Death		50	4	-





### Department of Orthopedics

		Total	Avg. /Month	Avg./Day
OPD	New	15236	1270	51
	Old	7617	635	25
	Total	22853	1904	76
IPD	Admission	1826	152	6
	Discharge	1711	143	6
Surgery	Major	1035	86	3
	Minor	2362	197	8
Death		2	-	-

### Department of ENT

		Total	Avg. /Month	Avg./Day
OPD	New	11440	953	38
	Old	5721	477	19
	Total	17161	1430	57
IPD	Admission	1200	100	4
	Discharge	1101	92	4
Surgery	Major	887	74	3
	Minor	3952	329	13

### Department of Ophthalmology

		Total	Avg. /Month	Avg./Day
OPD	New	15460	1288	52
	Old	7731	644	26
	Total	23191	1933	77
IPD	Admission	1051	88	4
	Discharge	997	83	3
Surgery	Major	1126	94	4
	Minor	1843	154	6

### Department of Obst. & Gynec

		Total	Avg. /Month	Avg./Day
OPD	New	19940	1662	66
	Old	9969	831	33
	Total	29909	2492	100
IPD	Admission	2589	216	9
	Discharge	2487	207	8
Surgery	Major	1174	98	4
	Minor	1425	119	5
Deliveries	Normal	730	61	2
	Caesarian	744	62	2
Death		3	-	-

### Department of Plastic Surgery

		Total	Avg. /Month	Avg./Day
OPD	New	571	48	6
	Old	285	24	3
	Total	856	71	9
IPD	Admission	25	2	-
	Discharge	123	2	-
Surgery	Major	270	23	3
	Minor	80	7	1

### Department of Pediatric Surgery

		Total	Avg. /Month	Avg./Day
OPD	New	959	80	10
	Old	481	40	5
	Total	1440	120	15
IPD	Admission	104	9	1
	Discharge	97	8	1
Surgery	Major	91	8	1
	Minor	22	2	-
Death		2	-	-





## TEACHING STAFF

NKP SALVE INSTITUTE OF MEDICAL SCIENCES & RC AND LMH., DIGDOH HILLS, NAGPUR.

Sr. No.	Name of Staff	Designation	Qualification
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		HOSP. ADMIN.	
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Sr. No.	Name of Staff	Designation	Qualification
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175	DR. GAURI GADGE	S.R.	MBBS, MD
176	DR. ASHISH NIKHARE	S.R.	MBBS, DNB





Sr. No.	Name of Staff	Designation	Qualification
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239	DR. SUMEDHA BHASME	ASSTT. PROF.	MBBS
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257	DR. KAJAL HATGAONKAR(SALPEKAR)	ASSTT. PROF.	MBBS, MD

#### DEPARTMENT: MICROBIOLOGY

258	DR. VILAS THOMBARE	VICE DEAN	MBBS, MD
259	DR. NEELAM K. JAITLEY	PROF.	MBBS, MD
260	DR. NEENA NAGDEO	PROF. & HOD	MBBS, MD
261	DR. KALPANA P. DATE	ASSO. PROF.	MBBS, MD
262	DR. UMESH HASSANI	ASSTT. PROF.	MBBS, MD
263	DR. UJWALA BHAKARE (DEHANKAR)	ASSTT. PROF.	MBBS, MD

Sr. No.	Name of Staff	Designation	Qualification
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264	DR. RASHMI A. MAHALLE	ASSTT. PROF.	MBBS MD
265	DR. PALLAVI TATTE	ASSTT. PROF.	MBBS MD
266	DR. MADHURI SHARMA	TUTOR	MBBS
267	DR. PRADHNYA JADHAV	TUTOR	MBBS
268	DR. MORARJI PUSNAKE	TUTOR	MBBS
269	DR. DHEERAJ SHARMA	TUTOR	MBBS
270	DR. SANKET MANE	TUTOR	MBBS

#### DEPARTMENT: PHARMACOLOGY

271	DR. ARCHANA S. BORKAR	PROF. & HOD	MBBS, MD
272	DR. AMIT P. DATE	ASSO. PROF.	MBBS, MD
273	DR. RUPESH BADWAIK	ASSO. PROF.	MBBS, MD
274	DR. RIYAZ A. SIDDIQUI	ASSO. PROF.	MBBS, MD
275	DR. TANAJI R. SHENDE	ASSO. PROF.	MBBS, MD
276	DR. AMRUTA DASHPUTRA	LECTURER	MBBS, DA, MD
277	DR. SHADMA QUAZI SYED HAFIZUDDIN	ASSTT. PROF.	MBBS, MD
278	DR. SHILPA MISHRA	TUTOR	MBBS, DMLT
279	DR. RAMGIRI CHARY	TUTOR	MBBS
280	DR. SHAMBHAVI DIXIT	TUTOR	MBBS
281	DR. SNEHASHISH DATTA	TUTOR	MBBS
282	DR. SWARUP INGOLE	TUTOR	MBBS
283	DR. AKHIL MOHARKAR	TUTOR	MBBS

#### DEPARTMENT: FORENSIC MEDICINE

284	DR. HARIBHAU KANADE	PROF. & HOD	MBBS, MD
285	DR. ARTI KASULKAR	ASSO. PROF.	MBBS, MD
286	DR. SHAILESH WAKDE	LECTURER	MBBS, MD
287	SHARJEEL KHAN HAFIZ KHAN	ASSTT. PROF.	MBBS, MD
288	DR. VIKAS PAWAR	TUTOR	MBBS
289	DR. MAYUR SANGRAME	TUTOR	MBBS
290	DR. PAWAN WADODE	TUTOR	MBBS
291	DR. NEHA NIKURE	TUTOR	MBBS



Sr. No.	Name of Staff	Designation	Qualification
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#### DEPARTMENT: COMMUNITY MEDICINE

292	DR. AJEET V. SAOJI	PROF. & HOD	MBBS, MD, DPH
293	DR. ANIRUDDHA DEOKE	PROF.	MBBS, MD
294	DR. MEENAL KULKARNI	ASSO. PROF.	MBBS, MD
295	DR. M. P. JOSHI	ASSO. PROF.	MBBS, MD
296	DR. LATA TAPNIKAR	ASSO. PROF.	MBBS, MD
297	MR. JAYDEEP G. NAYSE	ASSTT. PROF.	MSC (STAT.)
298	Dr. SHILPA HAJARE	ASSTT. PROF.	MBBS, MD
299	DR. LEENA BALPANDE	ASSTT. PROF.	MBBS, MD
300	DR. SAYLI BHAGAT	ASSTT. PROF.	MBBS, MD
301	DR. KETAN DAGDIYA	ASSTT. PROF.	MBBS, MD
302	DR. YAMINI PUSDEKAR	ASSTT. PROF.	MBBS, MD
303	DR. RADHIKA MATTE	TUTOR	MBBS
304	DR. AHMAD JAMIL	TUTOR	MBBS
305	DR. AKASH NASHINE	TUTOR	MBBS

#### UNDER GRADUATE CELL

##### Members:-

- ▲ Dr. Madhur Gupta - Incharge
- ▲ Dr. Neena Nagdeo - Dy. Incharge
- ▲ Mr. Mithilesh Bhagde - Office-Incharge
- ▲ Dr. Deepali Onkar - Member
- ▲ Dr. Archana Nikose - Member
- ▲ Dr. Anuja Bhalerao - Member

Undergraduate Cell was instituted in 2009. UG Cell of NKP SIMS primarily maintains record of attendance and academic performance of MBBS students.

UG cell also believes in overall growth of each individual MBBS student. Keeping this in mind it also organizes co-curricular activities in the form of communication skills workshops, personality development programmes, anti-ragging activities etc.

UG cell NKPSIMS & RC organizes regular parent's teachers meetings for all MBBS students where parents are taken into confidence about their wards' attendance and academic performance.

NKP SIMS is one of the very few colleges in Maharashtra where regular workshops on communication skills are conducted in 3 parts I, II, III for I MBBS, II MBBS & Final MBBS students.

UG cell is taking all the efforts to keep the NKPSIMS campus ragging free. Every year various anti ragging programmes are organized in the form of guest lectures by Senior Police Personnel & Hon. Judges. Students are encouraged to take part in anti ragging wall painting & slogan competitions.

Office: 07104-665006 Fax No. : 07104-665111 Email ID: nkpsimsugcell106@gmail.com

#### ACTIVITIES DONE BY THE DEPARTMENT

- 1) Dean's Address was organized by UG Cell for First MBBS 2020 Batch on 1st February 2021 in Mathoshree Auditorium.
- 2) Hemogram for First MBBS 2020 Batch 150 Students was arranged from 16th February 2021 along with Dept. of Pathology & Biochemistry.
- 3) Parent's Teacher's Meet held for First MBBS (2020 Batch) on 31st May 2021 Addressed by Respected Dean, Dr. Kajal Mitra along with MET Department.



## Results of Summer 2020

### First MBBS Examination

ANATOMY	PHYSIOLOGY	BIOCHEMISTRY
Appeared - 4	Appeared - 4	Appeared - 1
Passed - 1	Passed - 3	Passed - 0
Result - 25%	Result - 75%	Result - 0%

### Final MBBS P - II Examination (Referred Students)

GENERAL MEDICINE	GENERAL SURGERY	GYNECOLOGY	PAEDIATRICS
Appeared - 12	Appeared - 15	Appeared - 9	Appeared - 10
Passed - 7	Passed - 10	Passed - 4	Passed - 5
Result - 58.33%	Result - 66.66 %	Result - 44.44%	Result - 50 %

### Second MBBS Examination (Referred Students)

PHARMACOLOGY	PATHOLOGY	MICROBIOLOGY	FORENSIC MEDICINE
Appeared - 10	Appeared - 9	Appeared - 10	Appeared - 5
Passed - 8	Passed - 7	Passed - 8	Passed - 3
Result - 80%	Result - 77.77%	Result - 80%	Result - 60%

### Final MBBS P - I Examination (Referred Students)

Community Medicine	Otorhinolaryngology	Ophthalmology
Appeared - 11	Appeared - 5	Appeared - 6
Passed - 10	Passed - 4	Passed - 5
Result - 90.90%	Result - 80%	Result - 83.33 %

## Summer 2020

### First MBBS Examination (2019 batch)

ANATOMY	PHYSIOLOGY	BIOCHEMISTRY
Appeared - 150	Appeared - 150	Appeared - 150
Passed - 104	Passed - 114	Passed - 124
Result - 69.33%	Result - 76%	Result - 82.66%

## DISTINCTION

### Anatomy (4)

Patil Diksha Madhukar, Mishra Roshni Prabhat, Pathan Ruby Firoz Khan, Sathawane Khushboo Umakant

### Physiology (6)

Patil Diksha Madhukar, Mishra Roshni Prabhat, Pathan Ruby Firoz Khan, JanviBawankule, Joshi RenukaMakarand, Hriday Deshmukh

### Biochemistry (12)

Patil Diksha Madhukar, Mishra Roshni Prabhat, Pathan Ruby Firoz Khan, Janvi Bawankule, Dongre Nishant Narendra, Bhorkar Aditi Bhaskar, Joshi Renuka Makarand, Gedam Mahima Gautam, Jamdapure Akash Balkrishna, Khan Naheed, Kadam Rutuja Ranjit, Bagde Diksha Sevakram

## Summer 2020

### First MBBS Examination (Supplementary)

ANATOMY	PHYSIOLOGY	BIOCHEMISTRY
Appeared - 3	Appeared - 1	Appeared - 1
Passed - 2	Passed - 0	Passed - 0
Result - 66.66%	Result - 0%	Result - 0%

## Winter 2020

### Final MBBS P – II Examination (2016 Batch)

MEDICINE	SURGERY	GYNECOLOGY	PAEDIATRICS
Appeared - 152	Appeared - 153	Appeared - 153	Appeared - 153
Passed - 143	Passed - 143	Passed - 151	Passed - 152
Result - 94.07%	Result - 93.46%	Result - 98.69 %	Result - 99.34%

## DISTINCTION:

### Gynecology (2)

Keoliya Ayushi Ajay, Modak Aditi Sunil

### Pediatrics (1)

Shweta Agrawal

## STUDENT SECTION

**Committee Members:** Dr. Vilas Thombare, Dr. Madhur Gupta, Mr. Mithilesh Bhagde

The student Section believes in helping the students for their issues related to:

- 1) Admission. 2) Examination. 3) Scholarship. 4) Documentation. 5) Enrollment.
  - 6) Credential verification for universities situated abroad. 7) Any other work related to students.
- And communication of same to statutory bodies in 2020-21.



## POST GRADUATE CELL

Dr. M.V.Sawane and Dr. N. V. Deosthale

A separate post graduate Cell has started functioning in this institute since 2005 with a focus on imparting value based education with an objective to develop excellent qualities of an academican, a clinical specialist, a teacher and a researcher and with an aim to help students in their university related needs.

Post graduate courses were started at NKPSIMS in the Pre and Para clinical departments from the academic year 2004-05 and they were recognized by MCI in the year 2007. PG courses were then started in most of clinical departments from 2007. Institute progressed rapidly with further increase in PG intake in almost all subjects during last 4-5 years. Most of the seats are at present recognized by MCI. PG Cell works very hard for successful preparation of various documents required for different inspections and for actual conduct of inspections.

Admission procedure is conducted by the PG cell with submission of data to all the regulatory bodies. The Cell is trying its best to give hassle free administration so that students should not have problems with their eligibility in university as well as synopsis approval and other administrative works.

New entrants in this institute require introduction and orientation to the working conditions and training pattern and approach to the research, which is new to most of the students. A post graduation orientation course for newly admitted students is conducted every year after completion of admission process. This orientation program covers various important topics like code of conduct, timing and working pattern, routine OPD and ward working, working in specialized unit like ICU, blood transfusion, casualty working guidelines for hospital wastes segregation, standard operating procedure of ethics committee etc, Clinical research is an emerging area with enormous potential for the future development.

PG Academic Committee is working actively to improve overall PG training at the institute. This committee plans the curricular changes for improvement of PG results and is regulating inter departmental postings and is responsible for arranging various skill impartment training programmers for PG students.

To further improve the research output of the institute and increase the research experience of PG students, PPP (Poster, presentation, publication) model has been accepted in our institute. All the PG students who appeared for 2020 MUHS Examination have presented their research work and submitted their research papers for publications in scientific research journals.

To improve quality of post-graduate research, PG Cell has formulated certain guidelines with a stress on quality of research protocol and intermittent review of their research work. Internal assessment pattern has also been improved with inclusion of six-monthly theory examinations.

PG Cell is committed to inculcate discipline in the students with the help of respective unit in-charges and Head of the Departments. All the departments have always helped PG cell in this effort and we are very sure about their cooperation in future also.

## N.K.P. Salve Institute of Medical Sciences and Research Centre and Lata Mangeshkar Hospital, Nagpur P.G. Orientation Programme 2020

### Day - 1

22 December 2020 | Tuesday

Sr.No	Topic	Faculty	Duration	Time
1	Dean's address	Dr. Kajal Mitra	10 Min	2:00-2:10
2	Code of Conduct-disipline	Dr. Deosthale	10 Min	2:10-2:20
3	Administrative Protocol	Dr. Manish Sawane	20 Min	2:20-2:40
4	Health Schemes in Hospital Role of residents	Dr. Mayank Gadkari	20 Min	2:40-3:00
5	Universal Precautions & Sample Collection	Dr. Umesh Hassani	20 Min	3:00-3:20
6	Biomedical Waste Management Question & Answer	Dr. Ujjwala Dehankar	20 Min	3:20-3:40

#### Chairpersons

Dr. Harkare & Dr. Khandelwal.

#### Sessions In-charge

Dr. Minal Kulkarni & Dr. Kanchan Dhote

### Day - 2

23 December 2020 | Wednesday

Sr.No	Topic	Faculty	Duration	Time
1	Communication Skills	Dr.Kalpna Date	20 Min	2:00-2:20
2	Writing death Certificate	Dr.Kanade	20 Min	2:20-2:40
3	Eye Bank	Dr.Rekha Khandelwal	10 Min	2:40-2:50
4	Radiological Investigation	Dr.Avinash Dhok	15 Min	2:50-3:05
5	PNDT Act	Dr.Avinash Dhok	15 Min	3:05-3:20
6	CPL Working Pattern	Dr.Madhur Gupta	20 Min	3:20-3:40
7	Blood Transfusion	Dr.Bhelkar	20 Min	3:40-4:00

#### Chairpersons

Dr. Bhure & Dr. Mahore

#### Sessions In-charge

Dr. Vidula Gowardhan & Dr. Prachi Dixit





### Day - 3

24 December 2020 | Thursday

Sr.No	Topic	Faculty	Duration	Time
1	Sample Collection & Transportation	Dr. Shamim Akhtar	20 Min	2:00-2:20
2	Ethics in medical profession	Dr. Charu Gadkari	30 Min	2:20-2:50
3	Library Facility	Mrs. Kadambari Saigal	20 Min	2:50-3:10
4	Hospital Etiquettes, Record Keeping, HAMS	Dr.M. Akhtar	20Min	3:10-3:30
5	Emergency Management & Life Support	Dr.M. Akhtar	20 Min	3:30-3:50
6	Reflections		10 Min	

#### Chairpersons

Dr. Sulbha Joshi & Dr. Rekha Khandelwal

#### Sessions In-charge

Dr. Trupti Dongre & Dr. Angha Sahastrabuddhe

#### Total Postgraduate seats available in various departments at present

Sr.No	Subject	Degree
1	Anatomy	03
2	Physiology	03
3	Biochemistry	01
4	PSM	04
5	Microbiology	04
6	Pharmacology	02
7	Medicine	18
8	T.B. & Chest	05
9	Psychiatry	05
10	Dermatology	04

Sr.No	Subject	Degree
11	General Surgery	12
12	ENT	05
13	Pathology	12
14	Pediatrics	10
15	Ophthalmology	05
16	Orthopedics	08
17	Obstetrics & Gynecology	11
18	Anesthesiology	12
19	Radiology	09
	<b>Total</b>	<b>133</b>

P.G. admissions in academic year 2019-20 : 78

P.G. admissions in academic year 2020-21 : 16

#### Total Postgraduate super-specialty seats available in various departments at present

Sr.No.	Name of course	Seats	Admitted in 2020-21
1	M.Ch Plastic Surgery	1 seat	1
2	M.Ch Paediatrics Surgery	1 seat	Nil

### NKP Salve Institute of Medical Sciences & Research

#### LIST OF POST-GRADUATE TEACHERS

Sr. No.	Name	Subject	Designation
1	Dr. Dipali Onkar	Anatomy	Professor
2	Dr. Manjusha K. Tabhane		Asso. Prof.
3	Dr. Rajesh N. Dehankar		Asso. Prof.
4	Dr. S.M. Walukar		Asso. Prof.
1	Dr. M.V. Sawane	Physiology	Professor
2	Dr. Anjali Date		Asstt. Prof.
3	Dr. Rakhee A. Ambade		Asso. Prof.
1	Dr. Madhur M. Gupta	Biochemistry	Professor
2	Dr. Smita Narad		Asso. Prof.
1	Dr. V.R. Thombre	Microbiology	Professor
2	Dr. Neelam Jaitly		Professor
3	Dr. Neena Nagdeo		Asso. Prof.
4	Dr. Kalpana Date		Asso. Prof.
1	Dr. Sadhana Mahore	Pathology	Professor
2	Dr. (Mrs) Kalpana A. Bothale		Asso. Prof.
3	Dr. (Mrs) Archana M. Joshi		Asso. Prof.
4	Dr. (Mrs) Anjali D. Patrikar		Asso. Prof.
5	Dr. Anne Wilkinson		Asso. Prof.
6	Dr. Sabiha A. Maimoon		Asso. Prof.
7	Dr. Pragati J. Karmarkar		Asso. Prof.
1	Dr. Archana Borkar	Pharmacology	Professor
2	Dr. A.P. Date		Asso. Prof.
3	Dr. R.T. Badwaik		Asso. Prof.
4	Dr. Amruta V. Dashputre		Lecturer
5	Dr. Tanaji R. Shende		Asso. Prof.





Sr. No.	Name	Subject	Designation
1	Dr. Ajit Saoji	Community Medicine	Professor
2	Dr. Anirudha R. Deoke		Asso. Prof.
3	Dr. Mohan Joshi		Asso. Prof.
4	Dr. Meenal V. Kulkarni		Lecturer
1	Dr. Nalini R. Humaney	Medicine	Professor
2	Dr. Ramesh P. Mundle		Professor
3	Dr. (Mrs) T.P. Manohar		Asso. Prof.
4	Dr. Nilima Saoji		Asso. Prof.
5	Dr. Shilpa Deoke		Asso. Prof.
6	Dr. Anil Modak		Asso. Prof.
7	Dr. Shilpa Kuthe		Asso. Prof.
8	Dr. Sunanda Chaoji		Asst. Prof.
1	Dr. Milind Borkar	Skin & V.D.	Professor
2	Dr. Shushil Pande		Asso. Prof.
3	Dr. Lokesh Jappa		Asso. Prof.
1	Dr. Vivek Kripekar	Psychiatry	Professor
2	Dr. Sudhir Bhawe		Professor
3	Dr. Rahul Tadke		Asso. Prof.
4	Dr. Sushil Gawande		Asso. Prof.
1	Dr. Balkrishana O. Tayde	T.B. & Chest	Professor
2	Dr. Anil K. Sontakke		Professor
3	Dr. Sumer Chaudhary		Asst. Prof.
1	Dr. Anjali J. Edbor	Paediatrics	Professor
2	Dr. Girish Nanoti		Asso. Prof.
3	Dr. Himanshu Dua		Asso. Prof..
4	Dr. Pradeep K. Pazare		Asso. Prof.
1	Dr. Nitin B. Wasnik	Surgery	Professor
2	Dr. B.S.Gedam		Professor.
3	Dr. T. Raju V. Wilkanson		Asso. Prof.
4	Dr. Satish Deshmukh		Asso. Prof.
5	Dr. S.E. Choudhary		Asso. Prof.
6	Dr. N. Katakwar		Asso. Prof.
7	Dr. Sushrut Fulare		Asso. Prof.
8	Dr. Rajiv K. Sonarkar		Lecturer
9	Dr. Abhay V. Chaudhari		Lecturer
10	Dr. Mahendra Chauhan		Asso. Prof.

Sr. No.	Name	Subject	Designation
1	Dr. Vivek Harkare	ENT	Professor
2	Dr. Nitin Deosthale		Professor
3	Dr. Preeti Dhoke		Asst. Prof.
1	Dr. Rekha Khandelwal	Ophthalmology	Professor
2	Dr. Dharmendra Kose		Asso. Prof.
3	Dr. Archana Nikose		Asso. Prof.
1	Dr. Sushil H. Mankar	Orthopaedics	Professor
2	Dr. Devashis R. Barick		Professor
3	Dr. Mohammed Faizan		Lecturer
4	Dr. Vikram Spare		Lecturer
5	Dr. Nilesh Joshi		Asso. Prof.
6	Dr. Aashay Kekatpure		Asso. Prof.
1	Dr. Sulbha Joshi	Obst. & Gyne	Professor
2	Dr. Anuja Bhalerao		Asso. Prof.
3	Dr. Anjali S. Kawthakar		Asso. Prof.
4	Dr. Varsha Kose		Asst. Prof.
5	Dr. Savita Somalwar		Asst. Prof.
6	Dr. Prachi Dixit		Asst. Prof.
7	Dr. Nikita Vijay		Asst. Prof.
1	Dr. Anjali Bhure	Anaesthesiology	Professor
2	Dr. Shubhada R. Deshmukh		Asso. Prof.
3	Dr. Charuta P. Gadkari		Asso. Prof.
4	Dr. Megha Tajne		Asso. Prof.
5	Dr. Supriya Palsodkar		Lecturer
6	Dr. Sumita Bhargava		Asso. Prof.
7	Dr. Ketki Marodkar		Asst. prof.
8	Dr. Heena Pahuja		Asst. Prof.
1	Dr. Kajal Mitra	Radiology	Professor
2	Dr. Avinash Dhok		Professor
3	Dr. Dipali Kadam		Professor
4	Dr. Prashant Onkar		Asso. Prof.



### POST GRADUATE RESULT SUMMER 2020

Sr. No.	Course	Subject	No. of Appeared Students	Passed	% Result Percentage
1	MD	PATHOLOGY	4	4	100%
2	MD	GENERAL MEDICINE	7	7	100%
3	MD	SKIND & VD	3	3	100%
4	MD	PSYCHIATRY	3	3	100%
5	MD	RESPIRATORY MEDICINE	2	2	100%
6	MD	PAEDIATRICS	6	6	100%
7	MS	GENERAL SURGERY	12	12	100%
8	MS	ENT	2	2	100%
9	MS	OPHTHALMOLOGY	3	3	100%
10	MS	ORTHOPAEDICS	3	3	100%
11	MS	OBSTETRICS & GYNAECOLOGY	6	6	100%
12	MD	ANAESTHESIOLOGY	4	4	100%
13	MD	RADIO-DIAGNOSIS	5	3	60%
14	DCH	PAEDIATRICS	2	2	100%
15	D.ORTHO	ORTHOPAEDICS	1	1	100%
16	D. O.	OPHTHALMOLOGY	1	1	100%
17	D.A.	ANAESTHESIOLOGY	2	2	100%
18	D.M.R.D.	RADIO-DIAGNOSIS	2	2	100%
		<b>TOTAL</b>	<b>68</b>	<b>66</b>	<b>97.05%</b>

### POST GRADUATE RESULT WINTER 2020

Sr. No.	Course	Subject	No. of Appeared Students	Passed	% Result Percentage
1	MD	RADIO-DIAGNOSIS	2	2	100%

Following inspections of Maharashtra University of Health Sciences and Medical Council of India were conducted during 2020-21. All the inspections were coordinated with the help of concerned departments. As a result of successful inspections conducted for increase intake, post graduate seats were permitted for increased intake by Ministry of Health and Family Welfare, New Delhi

### VARIOUS ASSESSMENTS/INSPECTIONS CONDUCTED BY M.C.I. FROM JUNE 2020 TO TILL DATE.

#### MCI ASSESSMENTS

Sr. No.	Name of the Department	Date Of Inspection	Purpose
1	MS ENT	04/09/2020	Renewal of Recognition of 2 seats
2	MD General Medicine	10/09/2020	Renewal of Recognition of 8 seats
3	MS General Surgery	15/03/2021	Increase of seats 12 to 21





## MEDICAL EDUCATION TECHNOLOGY UNIT

Director MET: Dr. Suresh Chari, Professor Biochemistry

### MEMBERS

Sr. No.	Name	Designation	Department
1.	Dr. Suresh Chari	Director & Professor	Research Cell & MET Unit
2.	Dr. Madhur Gupta	Member Secretary, Professor & HOD	Biochemistry
3.	Dr. Anne Wilkinson	Member Secretary, Associate Professor	Pathology
4.	Dr. Neena Nagdeo	Jt Secretary, Professor & Head	Microbiology
5.	Dr. Vivek Harkare	Co Chairperson, Professor & Head	Otorhinolaryngology (ENT)
6.	Dr. Rekha Khandelwal	Co Chairperson, Professor & Head	Ophthalmology
7.	Dr. Shubhada Deshmukh	Professor	Anaesthesia
8.	Dr. Tanuja Manohar	Professor	General Medicine
9.	Dr. Devashish Barick	Professor	Orthopaedics
10.	Dr. Kalpana Date	Associate Professor	Microbiology
11.	Dr. Meenal Kulkarni	Associate Professor	Community Medicine
12.	Dr. Sushil Gawande	Associate Professor	Psychiatry
13.	Dr. Sushrut Fulare	Associate Professor	General Surgery
14.	Dr. Arti Kasulkar	Associate Professor	Forensic Medicine
15.	Dr. Prachi Dixit	Associate Professor	Obstetrics & Gynaecology
16.	Dr. Smita Pakhmode (Narad)	Associate Professor	Biochemistry
17.	Dr. Amruta Dashputra	Assistant Professor	Pharmacology
18.	Dr. Sharjeel Khan Hafiz Khan	Assistant Professor	Forensic Medicine
19.	Dr. Supriya Patil	Assistant Professor	Physiology

### Subcommittee

Member	Responsibility
Secretary: Dr. Suresh Chari, Dr. Madhur Gupta, Dr. Anne Wilkinson, Dr. Neena Nagdeo	Follow up, RBC/CISP workshop/ Adv Course Correspondence with Nodal centre, MUHS & NMC, MET hoardings, graphs etc
Dr. Vivek Harkare	Reflections: The biannual MET Newsletter

Member	Responsibility
Dr. Rekha Khandelwal	Anubandh (PG), promoting CME/ Conferences/ Workshops Each dept any one per year (APP) along with Dr. Shubhada Deshmukh
Dr. Shubhada Deshmukh	Hospitality in Hospital for nurses. Promoting CME/ Conferences/ Workshop each dept any one per year (APP) along with Dr. Rekha Khandelwal
Dr. Tanuja Manohar	Institute Industry Interface (I.I.I), OSCE/OSPE along with Dr. Prachi Dixit
Dr. Kalpana Date	Splash, Language classes, Peer observation. Shadow teaching (para clinical)
Dr. Meenal Kulkarni	JETHS Editor
Dr. Debashish Barik	Soft skills for PG (Human First), Leading tomorrow
Dr. Sushil Gawande	Guest Lectures ( Life is beautiful)
Dr. Aarti Narde	Quiz club & soft skills for UG (Class Apart)
Dr. Amruta Dashputra	Thought for the month, PBL/CBL, visit to industry
Dr. Sushrut Fulare	Expressions PG PPT competition, uploading of video by dept and Training & placement activities for students along with Alumni Association.
Dr. Prachi Dixit	Thinking hat, Shadow teaching (clinical), OSCE/OSPE along with Dr. Tanuja Manohar
Dr. Smita Narad	Anubandh (UG), Shadow teaching (Pre clinical) and Surprise tests and other enrichment classes along with Dr. Sharjeel Khan
Dr. Sharjeel Khan	Syndicate seminar by students, Surprise tests and other enrichment classes along with Dr. Smita
Dr. Supriya Patil	Feedback Students, teachers, Parents, external examiner

### Number of meetings held:

10 meetings of MET Unit faculty members were held from July 2020 – June 2021

31st July 2020, 18th August 2020, 15th Sept. 2020, 15th Oct. 2020, 23rd Dec 2020, 12th Jan 2021, 11th Feb 2021, 9th March 2021, 3rd April 2021, 16th June 2021.

### Activities organised by MET Unit:

I Workshops

#### A. MCI Workshops

MCI Curriculum Implementation Support Program (CISP II) Workshop



No.	Dates	Workshop	No. of participants	MUHS Observer
1	22nd & 23rd Sept. 2020	MCI Curriculum Implementation Support Program (CISP II) Workshop	28	Dr. Suverna Sande Professor, Microbiology Nodal Centre, Jawaharlal Nehru Medical College, Sawangi (Meghe), Wardha

#### B. NMC Recognised Workshops organized & conducted by NKPSIMS & RC and LMH

No.	Dates	Workshop	No. of participants	MCI Observer
1	22nd, 23rd & 24th June 2021	NMC Recognised Revised Three Days Basic Course in Health Sciences Education Technology	29	Dr. Adarshlata Singh Professor, Dermatology Nodal Centre, Jawaharlal Nehru Medical College, Sawangi (Meghe), Wardha

#### (Activities of the MET Unit during LOCKDOWN)

##### II. Guest Lecture

- 24th March 2021 "Online Strategies to monitor and enhance student learning"  
Dr. Latha Ravichandran FAIMER 2012 Associate Dean, Education and Professor of Pediatrics, Chennai
- 31st March 2021 "Dimensions and scope of mentoring at NKP SIMS & RC and LMH"  
Chetna K. Desai, FAIMER fellow, Prof and HOD Dept of pharmacology, BJ Medical College, Ahmedabad
- 15th June 2020 "Workshop on Importance and need for Intellectual Property rights (Patenting)"  
Dr. Kumaresh Krishnamoorthy MS (ENT) Fellow, Head & Neck Surgery Fellow, Otolaryngology & Neurotology (University of Cincinnati, USA)
- 6th May 2021 "Avenues in research collaboration and incubation centre"  
Dr. Mrugna Gupta CEO, Incubation Centre GH Rasoni Nagpur.

##### III. Activities for UG students

- 25th March 2021 "ANUBANDH" for students of 2019 batch
- 3rd to 4th May 2021 "CLASS APART" Two days online Personality Enhancement Program  
MBBS students of 2019 batch  
Dr Suresh Chari, Director, IQAC, MET & Research Cell
- 11th & 12th May 2021 "Express to Impress" A two day workshop on public speaking & Presentation skill MBBS Students 2019 batch  
Dr. Suresh Chari, Director, IQAC, MET & Research Cell

##### a. Foundation course : 25th Feb 2021 – 31st March 2021

Medical Council of India New Delhi MCI New Delhi has implemented CBME for Phase I MBBS from 2019 batch. As a part of CBME curriculum one month Foundation Course is mandatory. MCI has suggested a broad outline of areas to be covered in Foundation Course in its document but designing the module was left to the institutes. MET Unit NKPSIMS designed and implemented an elaborate Foundation Course incorporating all the areas.

- ▲ Professional Development : 40 hours
- ▲ Language and Computer training : 40 Hours
- ▲ Sports and Extracurricular activities : 22 hours
- ▲ Skills : 35 Hours
- ▲ Field visit : 8 Hours

The same was implemented in the institute.

##### V Activities for PG students

- 20th Jan 2021: OSPE JR I Dept. of Pathology  
Topic "Hb Electrophoresis"
- 19th Mar 2021: OSPE JR I Dept. of Pathology  
Topic "Grossing of Hysterectomy specimens"

##### VI PANEL DISCUSSIONS

- 5th March 2021: COVID Vaccine "Myths and Challenges"  
Name of the Panellist: Dr. Ajeet Saoji, Dept. of Community Medicine.  
Dr. Sunanda Choji, Dept. of General Medicine  
Dr. Umesh Hassani, Dept. of Microbiology.
- 4th June 2021 : COVID and Mucromycois  
Name of the Panellist: Dr. Vivek Harkare Dept. of Otorhinolaryngology  
Dr. Neena Nagdeo Dept of Microbiology  
Dr. Tanuja Manohar Dept. of General Medicine  
Dr. Archana Nikose Dept. of Ophthalmology

##### C. Publications

- Journal of Education Technology in Health Sciences is an Indexed Journal of NKPSIMS & RC Nagpur which is an exclusive multidisciplinary journal devoted to education technology in health sciences.  
In 2019, 3 issues of 7th volume were released
  - ▲ 10 (2) issue published on August 2020
  - ▲ 10 (3) issue in December 2020
  - ▲ 11 (1) issue published in April 2021
- Reflections: A biennial News bulletin of MET Unit NKPSIMS & RC released on 29th May 2021
- Splash: A Quarterly Campus News letter. 3 issues were published.



## VII. Educational Research:

### a. Papers published

1. Impact Analysis of the National Faculty Development Program for Medical Teachers:  
A Way Forward Dr. Shubhada Gade Dr. Vedprakash Mishra  
JKIMSU, Vol. 9, No. 3, July-September 2020:81-90
2. Faculty Development Program In India: Identifying Gaps And Opportunities For Reforms  
Dr. Shubhada Gade  
NJIRM 2020; Vol.11 (4) July-August NJIRM 2020; Vol.11 (4) July-August: 72-78
3. Time management skills among medical students  
Dr. Meenal Kulkarni  
Indian Journal of public health research & development Vol. 11 Issue 6 Page no. 489 - 493
4. WhatsApp use and its impact on relationship among Doctors: A cross- sectional pilot study  
Dr. Abhijeet Faye, Dr. Sudhir Bahve, Dr. Sushil Gawande  
Annals of Indian Psychiatry Vol. 4 Issue 1 Page no. 48 - 55

### b. Papers Sent for publication

1. Developing & implementation of team based learning for first MBBS students in biochemistry  
Dr. Smita Narad Dr. Suresh Chari & Dr. Madhur Gupta
2. Effective of team based learning versus problem based learning in teaching biochemistry  
Dr. Smita Narad, Dr. Suresh Chari & Dr. Madhur Gupta
3. Perceptions of 1st MBBS students towards ethical aspects related to anatomy  
Dr. Deepali Onkar

### c. Ongoing MET Research:

1. Connecting under graduate medical students to health research: role of research methodology workshop in improving research skills.  
Dr. Madhur Gupta & Dr. Suresh Chari
2. Innovative demonstration method & its perception in MBBS UG students  
Dr. Umesh Hassani Dr. Ujjwala Dehankar
3. Perception of medical professionals regarding impact on internet on doctor – patients relationship  
Mr. Sandesh S. Banginwar & Dr. Amruta Dashputra

4. Breaking Bad news (BBN ) in Obstetrics by use of simulation as an educational tool.  
Dipsha V. Menghani & Dr. Anjali S. Kawthalkar
5. Introduction of one minute preceptor as a tool for teaching histopathology slides to postgraduate student in pathology.  
Dr. Sadhana D. Mahore
6. Student teaching student: Evaluation of near peer teaching of clinical examination skill to undergraduate medical students in surgery.  
Dr. Mahendra Chauhan
7. Assessment of general surgery resident's communication skills using communication medical skills using communication assessment  
Dr. Shusrut Fulare

## VIII . Looking Ahead:

1. Training of I MBBS and II MBBS Staff members in Microsoft Team software for UG teaching
2. Commissioning of MOODLE (Learning Management System) an open source software used to provide distance learning for students to support traditional lectures, for online training, self learning and assessment.
3. To upload videos of teaching learning ,material ( lectures, practicals ,clinics ) on You tube .





## DEPARTMENT OF RESEARCH

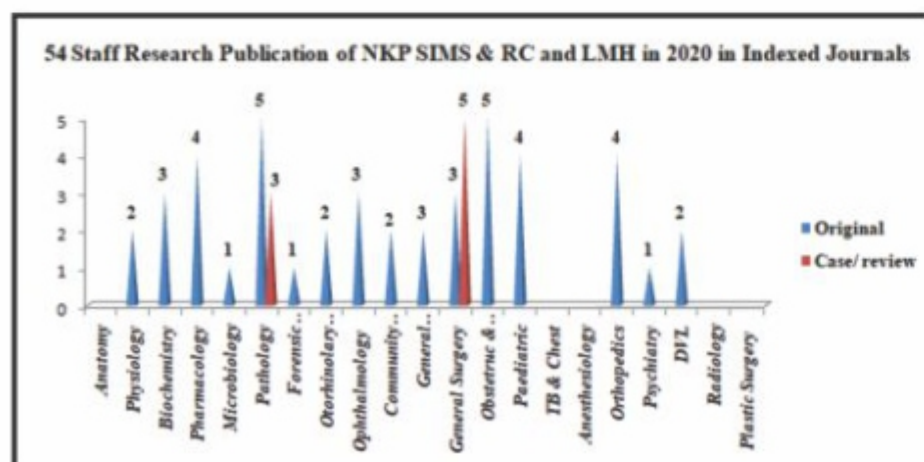
Independent department of Research & MET was established in September 2009. A committee represented by non-clinical and clinical departments, added a new Philip in the area of staff research presentation, staff research projects and lectures on Research methodology and Medical Education Technology.

The Research committee is as follows:

Patron	:	Dr. Kajal Mitra
Director & Chairman	:	Dr. Suresh Chari
Secretary	:	Dr. Madhur Gupta
Jt. Secretary	:	Dr. Tanuja Manohar
Staff Research Review Board	:	Dr Nitin Deosthale Dr. Ajeet Saoji Dr. Anjali Edbor Dr. Umesh Hassani
Institutional Review Board	:	Dr Mrs Archana Borkar
UG Research	:	Dr. Arti Kasulkar
Purchase	:	Dr. Mrs. Kalpana Bothale
Staff Research Presentation	:	Dr. Shilpa Deoke Dr. Bhawna Bhirud
PhD & Fellowship	:	Dr. Rhutuja Deo
Publication in Journal	:	Dr. Ritvij Patankar
Collaborative Research & Patent	:	Dr. Aashay Kekatpure
Grant Projects	:	Dr. Yamini Pusdekar

### Staff Research Activities:

All teaching staff members have ongoing research projects which are reviewed by a research subcommittee twice in a year. A research allowance of Rs 10,000 per year is given to all such researchers. The management and the Dean have also announced an incentive for every published paper/ case report in indexed journal apart from grants for attending/ organizing conferences. Nine departments are recognized as place of work for PhD programs and eleven teaching staff members are recognized PhD guides of Maharashtra University of Health Sciences (MUHS), Nashik. Of the four PhD Students, 2 are in the departments of Biochemistry, 1 in Pediatrics & 1 in Physiology.



### PhD Students

Sr. no.	Name of Students	Department	Topic
1	Lalita Vishwas Kamble	Biochemistry	Systemic inflammatory markers to assess severity of chronic obstructive disease : a case control study
2	Dattatraya Puraji Kale	Biochemistry	Association of serum and salivary trace elements, matrix metalloproteinase ( MMP- 3), genetic polymorphism and areca - nut and tobacco chewing habits in oral sub mucus fibrosis : a case control study.
3	Dr. Bhavana Bhirud	Physiology	Effect of yoga with and without heart rate variability coherence biofeedback psycho-physiological parameters in healthy adults : a randomized controlled trial.
4	Dr. Aarti Avinash Kinikar	Pediatric	Weight gain patterns with targeted versus routine fortification of pasteurized donor human milk feeding in preterm and very low birth weight babies – A randomized controlled trial

**Central Research Laboratory:** A concept of Central Research Laboratory in a medical Institute was envisaged to carry out such research works of projects which involves costly equipments and like Polymerase Chain Reaction (PCR) and High Performance Liquid Chromatography (HPLC), Gel Electrophoresis apparatus, Spectrophotometer, Refrigerated Centrifuge, deep freezer, ELISA reader with washer etc.

During the year ten projects were completed in the central research laboratory, sometimes involving more than one department.

### Completed Research Projects in Central Research Laboratory Since Jan 2020

Sr. No.	Project	PI	Department involved
1	Measurement of serum 25 – hydroxyl vitamin D level in patients of Psoriasis with or without co – morbidity.	Dr. Milind A. Borkar	DVL



**Ongoing Research projects in Central Research Laboratory  
Since July 2021**

Sr. No.	Project	PI	Department involved
1	To study co relationship of Vit D deficiency with changes in coronal pulp morphology using dental radiographs	Dr. Tapasya Karemore	VSPM, Dental College, Nagpur
2	Hypovitaminosis D in Acute coronary syndrome.	Dr. Shilpa Kuthe	General Medicine
3	Effect of diode laser therapy as an adjunct to non-surgical periodontal therapy in aggressing periodontitis patients on GCF levels of Endocan, TNF – VEGF - A	Dr. Abhay Kolte Dr. Resham	VSPM, Dental College, Nagpur
4	Effect of photodynamic therapy as an adjunct to non – surgical periodontal therapy on GCF level of IL – 6 IL – 8 IL – 10 level in chronic periodontitis	Dr. Abhay Kolte Dr. Vishakha	VSPM, Dental College, Nagpur
5	Evalution of salivary and sqamous level of gherelin and cortison	Dr. Priyanka Rahate	VSPM, Dental College, Nagpur
6	Seri positivity of COVID-19 in health care workers in a tertiary care hospital	Dr. M. Akhtar	General Surgery

**Undergraduate Research: 2020**

The UG research committee this year could motivate and submit 31 Short term research projects to ICMR of which 1 were selected in 2020. The remaining UG students have been allotted the NKP Studentship research fellowship and would carry out the study and avail studentship grant from the management at the end of the study.

**ICMR projects 2020**

Sr. no.	Name of Students	Name of Guide	Department	Title of the STS Proposal
1	Giriraj J. Bijani	Dr. Manish Sawane	Physiology	The effect of mindfulness meditation on autonomic and cognitive functions in under graduate medical students aged 18 - 24 years

**NKP - STS projects of 2020**

Sr.No	Name of Students	Guide & Department	Title
1	Samiksha Wath	Dr. R. A. Siddiqui	Knowledge and awareness of pharmacovigilance amongst PG medical students and nursing staff in tertiary care health centre
2	Atharva N. Kadam	Dr. Archana Borkar	Evaluation of Knowledge, Attitude and practice of prescription writing among the residents in a tertiary care Hospital of central India.
3	Sakshi S. Chavhan	Dr. Arti A. Kashulkar	Knowledge and practice of smart phones & medical related applications in learning by medical undergraduates
4	Tarul S. Sutay	Dr. Trupti A. Dongre	A study of social barrier about blood donation I rural and urban population
5	Anusha Dewase	Dr. Neena Nagdeo	Pre operative Screening for MRSA colonization in gynecology patients at tertiary care hospital
6	Khushbu Kumari	Dr. Ajeet Saoji	Hair loss and premature hair graying among 18 - 20 years old adults: A cross sectional study
7	Pranhita A. Borkar	Dr. Shilpa Hajare	Awareness and attitude of high school students of webam area towards climate change
8	Anjali Gondchawar	Dr. Manju Chandankhede	Does total antioxndant capacity (TAC) balance oxidative stress in patients of diabetes mellitus?
9	Suchitra R. Ragit	Dr. Leena Balpande	Prevalence of premenstrual syndrome among under graduate students of tertiary care Institute
10	Runali P. Bhang	Dr. Suresh Chari	Is there A Declining Trend In Curiosity And Interest Towards Medical Science Amongst Medical Undergraduate Students In Central India: A Cross Sectional Study
11	Vedanti U. Warjurkar	Dr. S. D. Wakde	Relationship of fingerprint with gender in medical institute of central India
12	Shriya G. Deshmukh	Dr. Milind Borkar	Utility of topical ananesthetic cream in patients with viral cutaneous infections : a non - randomized control trial
13	Janhnavi Kotpalliwar	Dr. Meenal Kulkarni	Awareness and knowledge about cervical cancer and human papilloma virals vaccination in medical undergraduate students





Sr.No	Name of Students	Guide & Department	Title
14	Sameera S. Gire	Dr. Anne Wilkinson	Perceptions of undergraduate ,medical students towards health habits: A cross sectional study
15	Sharwari M. Panse	Dr. Aniruddha Deoke	The study of internet addiction its risk factors and its effects on medical students

#### ▲ Undergraduate Research methodology Workshop

Research is an inevitable part in human life today. It is important to the scientific progress and is also crucial in health sciences to understand the problems which affect the health of the individuals, communities and health systems. Introduction of research based education into early undergraduate curriculum allows medical students to cultivate both research specific skills and transferable skills which are basically necessary for continuing professional development. This will also help students identify future careers, establish important contacts and secure better residency positions.

- ▲ 2 day UG RMW was conducted for the first time by department of Research along with Department of Community Medicine. 40 students of II MBBS participated in the same.

#### ▲ Staff Research Presentations

Presentation of Staff research projects of clinical & non-clinical department is organized by Dr. Anagha Sahasrabudhe & Dr. Shilpa Deoke. Staff research presentation is organized on last Friday of every month. Two departments along with MET projects either ongoing or recently completed research projects by rotation. All departments contributed in staff research presentation.

Sr. no.	Presenter	Department/ Date	Title
1	Dr. Vivek Pande	General Medicine 25th Sept. 2020	Clinical profile of patients undergoing hemodialysis in tertiary care hospital in central india
2	Dr. M. Huddar	Anatomy 25th Sept. 2020	Incidence of Hereditary Optical Abnormality in Patients with Down's Syndrome
3	Dr. S. Fulare	General Surgery 25th Sept. 2020	Role of platelet rich plasma in chronic non-healing ulcer.
4	Dr. Sheel Thorat	Biochemistry 18th Dec 2020	Knowledge and Practice of Lab Technicians regarding Universal Work Precaution in a Tertiary Care Centre. ; Advance Research Journal of Multidisciplinary Discoveries
5	Dr. Shamim Akhtar	Pathology 18th Dec 2020	Learning's for Best Practices of Critical Value Alert in Laboratory Quality Management System
6	Dr. Kanchan Dwidmuthe	Obstetrics & Gynecology 18th Dec 2020	Comparative study of intravenous paracetamol infusion versus intramuscular tramadol as an intrapartum labour analgesia

Sr. no.	Presenter	Department/ Date	Title
7	Dr. Shubhada Gade	MET Unit 18th Dec 2020	First Degree Relatives of Hypertensives: How Much At Coronary Artery Disease (CAD) Risk?
8	Dr. Disha Methwani	Otorhinolaryngology 22nd Jan 2021	Study of Otorhinolaryngological manifestations in symptomatic COVID-19 positive patients at Tertiary Health Care Hospital: A Cross-sectional study
9	Dr. Bhavana Bhirud	Physiology 22nd Jan 2021	Effect of Yoga with and without Heart Rate Variability Coherence Biofeedback on major Psycho-physiological Parameters in Healthy Adults: A Randomised Controlled Trial.
10	Dr. Anne Wilkinson	Pathology 22nd Jan 2021	Pattern of use and usefulness of smart phones in undergraduate medical students in Central India – The students' perspective.
11	Dr. Sharjeel Khan	Forensic Medicine 26th Feb 2021	Utility of Post Mortem examination in medicolegal cases where the cause of death is given by treating doctor as per RBD act Section 10(3).
12	Dr. Sayali Bhagat	Community Medicine 26th Feb 2021	COVID – 19 pandemic perspective on quality of life
13	Dr. Amruta Dashputra	Pharmacology 26th March 2021	Perception and preference of health care provider about immunity boosters against COVID - 19
14	Dr. Tejaswini Rahule	Psychiatry 26th March 2021	Effect Of Stress On Control Of Type-2 Diabetes Mellitus
15	Dr. Pankaj Singh	Pediatrics 26th March 2021	Coronavirus (covid -19 pandemic): emotional instability and psychological implications on mental health systems- a cross-sectional study
16	Dr. Heena Pahuja	Anesthesiology 28th May 2021	Comparison between two different doses of Transdermal Fentanyl patch for post-operative analgesia in patients undergoing Abdominal Hysterectomy-A Randomised Controlled Trial.
17	Dr. Umesh Hassani	Microbiology 28th May 2021	Evaluation of various methods for detection of metallo-β-lactamase (MBL) production in Multidrug resistant gram negative bacilli
18	Dr. Deepa Kumar	Ophthalmology 28th May 2021	Effect of automated versus manual corneal polishing on corneal topography in primary pterygium excision.



Staff research publications 2020

	No. of Publications in Indexed Journal		Total publication in Jan 2020 to Dec 2020	Ongoing research projects 2020
	Original	Case/Review	Total	Staff + STS
Grand Total	45	09	54	78

Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
1	Anatomy	Original Article	Dr. Rajesh Denahkar Dr. Ujjawala Bhakare Dr. V.M. Paikrao	Determination of Age, Sex and stature from dermatoglyphics study	World journal of pharmaceutical and life sciences	Vol. 6 Issue 8 Page no. 22 - 225
2	Physiology	Original Article	Dr. Anagha Sahasrabuddhe Dr. Shailesh Pitale Dr. Saravana Sivanesan Dr. Purushottam Deshpande	Pathogenic gene expression of epicardial adipose tissue in patients with coronary artery disease	Indian Journal of medical research	Vol. 151 Issue 6 Page no. 554 - 561
3	Physiology	Original Article	Dr. Shubhada Gade Radha Bhandarkar Dr. Anagha Sahasrabuddhe	First Degree Relatives of Hypertensives: How Much At Coronary Artery Disease (CAD) Risk?	NJIRM	Vol. 1 Issue 5 Page no. 35 - 40
4	Biochemisrty	Original Article	Dr. Farooque Khan Dr. Surekha Rathod Dr. Abhay Kolty Dr. Madhur Gupta Dr. Suresh Chari Dr. Noopur Gonde	Quantitative analysis of oncostatin M Levels in Chronic periodontitis patients	Journal of the international clinical dental research organization	Vol. 12 Issue 1 Page no. 33 - 37
5	Biochemisrty	Original Article	Dr. Kamal Shigli Dr. Sushma Nayak Dr. Rashmi Kusurkar Dr. Suresh Chari	Use " LATCHeS" to communicate with elderly patients	Special care in Dentistry	Vol. 40 Issue 4 Page no. 1-4

Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
6	Biochemisrty	Original Article	Dr. Sheel Thorat Dr. Madhur Gupta Dr. Madhura Wasnik	Knowledge and Practice of lab technicians regarding universal work precaution in a tertiary care centre	World journal of pharmaceutical and life sciences	Vol. 52 Issue 1 Page no. 8 - 10
7	Pharmacology	Original Article	Dr. Sandesh Banginwar Dr. Amruta Dashputra Dr. Archana Borkar Dr. J. Nayse Dr. R. Badwaik	Impact of internet on doctor-patient relationship	International Journal of Basic & Clinical Pharmacology	Vol. 9 Issue 5 Page no. 731 - 735
8	Pharmacology	Original Article	Dr. Riyaz Siddiqui Dr. Snehal Dhongdi	Polypharmacy and cost analysis in patients suffering from type 2 diabetes mellitus with associated comorbidities	International Journal of basic & clinical pharmacology	Vol. 9 Issue 6 Page no. 929 - 933
9	Pharmacology	Original Article	Dr. Tanaji Shende Dr. Riyaz Siddiqui	A clinical of morphological patterns of cutaneous adverse drug reaction and its causality assessment in tertiary care hospital of central India	International Journal of basic & clinical pharmacology	Vol. 9 Issue 10 Page no. 1528 - 1532
10	Pharmacology	Original Article	Dr. Amruta Dashputra Dr. R. T. Badwaik Dr. Archana Borkar Dr. Amit Date	Knowledge, Attitude and awareness about flu vaccination among health care professionals of tertiary cre centre.	Indian Journal of Research	Vol. 9 Issue 10 Page no. 1 - 4



Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
11	Microbiology	Original Article	Dr. Rashmi Mahalle Dr. Ujjawala Dehankar	Microbiological profile of Infectious keratitis reported in a tertiary care hospital of central India	People's Journal of scientific research	Vol. 13 Issue 1 Page no. 25 - 29
12	Pathology	Original Article	Dr. Archana Joshi Sweta Kamalkant	Modified Ultrafast Papanicolaou stain in Ultrasound guided FNAC of Intra - abdominal lesions	Iranian Journal of Pathology	Vol. 15 Issue 2 Page no. 66 - 74
13	Pathology	Original Article	Dr. Sadhana Mahore Ruchi Sharma Dr. Kalpana Bothale Vidula Gowardhan	Clinico - histopathological study of granulomatous lesions	International Journal of medical science and current research	Vol. 3 Issue 3 Page no. 661 - 671
14	Pathology	Original Article	Dr. Shamim Akhtar Dr. Sadhana Mahore	Clinicopathological study of colorectal malignant neoplasm with special emphasis on vascular invasion as prognostic factor	International Journal of medical sciences and innovative research	Vol. 5 Issue 3 Page no. 264 - 272
15	Pathology	Original Article	Dr. Shamim Akhtar Dr. Sadhana Mahore	Learning for best practices of critical value alert laboratory quality management system	People's Journal of scientific research	Vol. 13 Issue 1 Page no. 10 - 14

Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
16	Community Medicine	Original Article	Dr. Ajeet Saoji Dr. Pratha Sharma Dr. Prachi Saoji	Knowledge and practices towards antibiotics among people residing in an urban slum of Nagpur	Indian Journal of public health research & development	Vol. 11 Issue 4 Page no. 307 - 310
17	Community Medicine	Original Article	Dr. Meenal Kulkarni	Time management skills among medical students	Indian Journal of public health research & development	Vol. 11 Issue 6 Page no. 489 - 493
18	Forensic Medicine	Original Article	Dr. Arti Kasulkar Dr. Ayushi Keoliya Dr. Madhur Gupta	Assessment of Knowledge and attitude towards medical ethics among medical students	Indian Journal of Forensic Medicine & Toxicology	Vol. 14 Issue 4 Page no. 72 - 76
19	General Medicine	Original Article	Dr. Ravindra Kshirsagar Dr. Vivek Pande	Effect of Training on Awareness about Pep against HIV, HBV & among dental and nursing students	Journal of medical science and Clinical Research	Vol. 8 Issue 1 Page no. 755 - 762
20	General Medicine	Original Article	Dr. Neelima Saoji Dr. Tanmay Kulkarni	Thyroid dysfunction in patients of metabolic syndrome	International Journal of scientific research	Vol. 9 Issue 8 Page no. 1 - 5
21	General Medicine	Original Article	Dr. Hemant Lakhmawad Dr. Nalini Humaney	Clinical profile of ischemic stroke and its correlation with serum uric acid: a cross sectional study	International Journal of advances in medicine	Vol. 7 Issue 10 Page no. 1532 - 1536



Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
22	General Medicine	Original Article	Dr. Swatej Hanspal Dr. M. Yunus Shah Dr. M.Akhtar	Laparoscopic versus open appendicectomy: A non-randomized comparative study	International Surgery Journal	Vol. 7 Issue 6 Page no. 1925 - 1929
23	General Medicine	Original Article	Dr. Satish Deshmukh Dr. Sushrut Fulare Dr. Sanjeev Chowksey Dr. Angir Soitkar Dr. Akshay Nagre Dr. Jyoti Gupta	Association of vitamin D level with breast lumps: A cross-sectional analytical study	International Journal of surgery sciences	Vol. 4 Issue 2 Page no. 275 - 279
24	General Medicine	Original Article	Dr. Murtaza Akhtar Dr. Hitesh Patel Mahendra Chauhan Dr. Swanand Chaudhary	Acute appendicitis: A comparison of role of role of ripasa and modified alvarado score in accurate diagnosis	International Journal of surgery and medicine	Vol. 6 Issue 4 Page no. 8 - 12
25	Ophthalmology	Original Article	Dr. Rekha Khandelwal Dr. Rachit Khandelwal Dr. Dhanajay Raje Dr. Deepa Kumar Dr. Anand Rathi	Correlation of open - angle glaucoma and ocular perfusion pressure in hypertensive individuals	Journal of clinical ophthalmology and Research	Vol. 8 Issue 1 Page no. 5 - 9
26	Ophthalmology	Original Article	Dr. Archana Nikose Dr. Arpita Sthapak Dr. Mayuri Patil	A study of occurrence and risk factors of age-related macular degeneration in a region of central India	Journal of clinical ophtahalmology and research	Vol. 7 Issue 3 Page no. 97 - 100
27	Ophthalmology	Original Article	Dr. Archana Nikose Dr. Mayur Patil Dr. Shadwala Bharti	Visual outcome and refractive status with monofocal toric intraocular lens implantation to correct astigmatism during cataract surgery	Indian Journal of Ophthalmology	Vol. 68 Issue 12 Page no. 3017 - 3019

Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
28	Orthopaedics	Original Article	Dr. Sushil Mankar Dr. A. Kawalkar Dr. R. Sakhare Dr. M. Faizan Dr. A. Golhar	Results of modified bunnel's technique in management of claw hand deformity caused by leprosy	Indian Journal of leprosy	Vol. 92 Issue 1 Page no. 31 - 37
29	Orthopaedics	Original Article	Dr. Sushil Mankar Dr. Mohd. Faizan Dr. Gaurav Bhulada Dr. Rahul Sakhare	Outcomes of Ilizarov ring fixation in recalcitrant infected tibial	Journal of orthopaedics and rehabilitation	Vol. 12 Issue 1 Page no. 62 - 66
30	Orthopaedics	Original Article	Dr. Abhijit Kawalkar Dr. Nick Vertzyas Dr. Michael Neil	Protection of the femoral trunnion during acetabular revision Hip surgery - A novel technique	Arthroplasty Today	
31	Orthopaedics	Original Article	Dr. Sushil Mankar Dr. Abhijit Chandrakant Kawalkar Dr. Rahul Sakhare Dr. Anil Golhar	Posterior tibial nerve neurolysis for treatment of leprosy induced plantar ulcers	Journal of Trauma & Orthopaedic surgery	Vol. 15 Issue 15 Page no. 27 - 30
32	Otorhinolar -yngology	Original Article	Dr. Priti Dhole Dr. Kanchan Dhote Dr. Vivek Harkare Dr. Nitin Deosthale Dr. Sonali Khadakkar	A study of TIRADS classification system of ultrasonography with histopathology in evaluation of thyroid nodule	International Journal of medical and health research	Vol. 6 Issue 2 Page no. 54 - 57
33	Otorhinolar -yngology	Original Article	Dr. Vivek Harkare Dr. Sonali Khadakkar Dr. Nitin Deosthale Dr. Preeti Dhole Dr. Kanchan Dhote	Study of Preoperative Indicators of ossicular defect in Mucosal type of chronic suppurative otitis media	Journal of Evalution of medical and dental sciences	Vol. 9 Issue 9 Page no. . 6608 - 6812





Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
34	Obstetrics & Gynecology	Original Article	Dr. Anuja Bhalerao Dr. Vaidehi Duddalwar	Abdominal sacrohysteropexy versus vaginal hysterectomy for pelvic organ prolapse in young women	International Journal of reproduction contraception Obstetrics & Gynecology	Vol. 9 Issue 4 Page no. 1434 - 1441
35	Obstetrics & Gynecology	Original Article	Dr. Varsha Kose Dr. Kumari Sadhvia	Study of caesarean section at tertiary care centre: A retrospective study	International Journal of reproduction contraception Obstetrics & Gynecology	Vol. 9 Issue 4 Page no. 1434 - 1441
36	Obstetrics & Gynecology	Original Article	Dr. Anuja Bhalerao Dr. Swathi Sarma	Evaluation of culture, polymerase chain reaction (PCR) and histopathology for diagnosis of genital tuberculosis in female infertility	Panacea journal of Medical Sciences	Vol. 10 Issue 2 Page no. 152 - 158
37	Obstetrics & Gynecology	Original Article	Dr. Anuja Bhalerao Dr. Trupti Shinde	Evaluation of uterine artery doppler (MEAN Pulsatility index) at 11 - 14 weeks of gestation as predictor of hypertensive disorders of pregnancy : a prospective observational study	The Journal of Obstetrics and gynecology of India Vol.	Vol. 71 Issue 1 Page no. 27 - 32
38	Obstetrics & Gynecology	Original Article	Dr. Savita Somalwar Dr. Romi Bansal	Study of primary caesarean section in multiparous women in central India	Journal of krishna Institute of medical sciences university	Vol. 9 Issue 4 Page no. 1 - 10

Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
39	DVL	Original Article	Dr. Sushil Pande Dr. Manasi Shirolkar	Knowledge, Attitude and Practice of adverse drug reaction and adverse drug reporting among practising dermatologists in Maharashtra : A Questionnaire - based survey	Indian Journal of drugs in dermatology	Vol. 6 Issue 1 Page no. 17 - 21
40	DVL	Original Article	Dr. Sushil Pande Dr. Gaurav Deshmukh Dr. Dhiraj Dhool Dr. Nilesh Andhorikar	An Open-label, Prospective, Comparative, Double-arm Clinical Trial to Evaluate the Safety and Effectiveness of minocycline extended-release formulation compared with minocycline immediate-release formulation in the management of patients with papulopustular acne	Indian Journal of drugs in dermatology	Vol. 6 Issue 2 Page no. 76 - 80
41	Paediatrics	Original Article	Dr. Himanshu Dua Dr. Anjali Edbor Dr. S. Kamal	Spectrum of seizure disorder in children between 1-18 years age at a tertiary care hospital: A longitudinal study	International Journal of Pediatric research	Vol. 7 Issue 1 Page no. 1 - 7



Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
42	Paediatrics	Original Article	Dr. Kiran Gaikwad Dr. Nilofer Mujawar	Neonatal Bacterial sepsis: Blood culture versus 16s rRNA detection	PERINATOLOGY	Vol. 20 Issue 4 Page no. 127 - 131
43	Paediatrics	Original Article	Dr. Kiran Gaikwad Dr. Meenakshi Girish Dr. Sandesh Bhangare	Malnutrition in children with cerebral palsy	International Journal of scientific research	Vol. 9 Issue 5 Page no. 1 - 3
44	Paediatrics	Original Article	Dr. Anjali Edbor Dr. Kavya Chikkam Dr. Himanshu Dua	Correlation of glycemic control in newborn at birth to maternal glycemic control	Indian Journal child health Vol.	Vol. 7 Issue 3 Page no. 98 - 100

#### Staff research publications 2020

Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
1	Pathology	Case Report	Dr. Pragati Karmarkar Dr. Richa Choudhary	Microcystic adnexal carcinoma of the breast - A case report	International Journal of medical sciences and innovative research	Vol. 5 Issue 3 Page no. 100 - 103
2	Pathology	Case Report	Dr. Anne Wilkinson Dr. Ojal Awandkar	Krukenberg Tumour with primary in the appendix: A case report	International Journal of medical science and innovative research	Vol. 68 Issue 5 Page no. 224 - 228
3	Pathology	Case Report	Dr. Kalpana Bothale Dr. Surabhi Sapre Dr. Sadhana Mahore Dr. Sabiha Maimoon	Endometriosis and Berniation of fallopian tube in canal of nuck hydrocele: A rare Case report	International Journal of medical sciences and innovative research	Vol. 5 Issue 1 Page no. 166 - 170
4	Pathology	Case Report	Dr. Kalpana Bothale Dr. Sampatti Nerkar Dr. Sadhana Mahore	An unusual case of gall bladder carcinoma with cutaneous metastasis in chest wall and vagina	International Journal of medical sciences and innovative research	Vol. 5 Issue 3 Page no. 488 - 491

Sr. no.	Department	Article	Name of Authors	Title	Journal	Vol
5	General Surgery	Case Report	Dr. S. M. Fulare Dr. S. D. Deshmukh Dr. Jyoti Gupta Dr. S. Chowksey	Giant lipoma of head and neck region: A case series	International Journal of Surgery science	Vol. 4 Issue 3 Page no. 8 - 11
6	General Surgery	Case Report	Dr. Satish Deshmukh Dr. Sushrut Fulare Dr. Sanjeev Chowksey Dr. Rohit Kate	Hydatidosis: Case report and literature review	Indian J Case Reports	Vol. 6 Issue 4 Page no. 185 - 187
7	General Surgery	Case Report	Dr. Sushrut Fulare Dr. Satish Deshmukh Dr. Jyoti Gupta	International Journal of surgery case report	International Journal of surgery case report	Vol. 71 Issue 4 Page no. 371 - 373
8	General Surgery	Case Report	Dr. Sanjeev Chowksey Dr. Satish Deshmukh Dr. Samrudhi Kalbande	Lithobezoar : A case report	International Surgery Journal	Vol. 7 Page no. 284 - 286
9	General Surgery	Case Report	Dr. S. Fulare Dr. Satish Deshmukh Dr. Ritesh Nawkare Dr. Shriniket Sawarkar	Plasmacytoma skull : A rare entity	International of Case report	Vol. 6 Issue 2 Page no. 70 - 72

#### Books Published in 2020

Sr.no.	Name	Department	Books / Chapter	Publisher
1	Dr. Sumer Choudhary	Respiratory Medicine	Outcome of supervised versus unsupervised short course chemotherapy in Treatment of tuberculous lymphadenitis	Blue rose publisher
2	Dr. Nalini Humaney	General Medicine	Anemia in chronic kidney disease	





### Ongoing Research Project 2020 to 2021

#### Research Projects from Anatomy Department

S.N.	Topic	Investigator
1	A study of fingerprints in relation to gender and blood group among medical students in vidarbha region.	Principal investigator Dr. Purvi Mishra Co- Investigator Dr. Manjusha Tabhane
2	Morphometric study of head of radius in vidarbha region and its clinical implication in radial head prosthesis.	Principal investigator Dr. Purvi Mishra Co- Investigator
3	Morphometric study of head of radius in vidarbha region and its clinical implication in radial head prosthesis	Principal investigator Dr. Purvi Misha Co- Investigator Dr. M. K. Tabhane

#### Research Projects from Physiology Department

S.N.	Topic	Investigator
1	Electrocardiogram analysis in adult patients with sickle cells disease in vidarbha region of maharashtra	Principal investigator Dr. Madhavi Walulkar Co- Investigator Dr. Sanjay Walulkar

#### Research Projects from Biochemistry Department

S.N.	Topic	Investigator
1	Language and computer skills module for first-year MBBS students at entry level : experience in foundation course	Principal investigator Dr. Manju Chandankhede Co- Investigator Dr. Madhur Gupta
2	Health – seeking behavioral intention and prevention practices of medical undergraduates during COVID 19 lockdown period.	Principal investigator Dr. Madhur Gupta Co- Investigator Dr. Arti Kasulkar
3	Designing and implementing a online mentorship program during lockdown for medical undergraduate students	Principal investigator Dr. Madhur Gupta Co- Investigator Dr. Suresh Chari

S.N.	Topic	Investigator
4	Impact of COVID -19 on the attitude and mental health of diabetic population in rural area.	Principal investigator Dr. Jidnyasa Mankar Co- Investigator Dr. Madhur Gupta
5	Awareness of risk of COVID 19 in diabetes population in rural area.	Principal investigator Dr. Jidnyasa Mankar Co- Investigator Dr. Madhur Gupta
6	Role of six sigma metrics in the clinical biochemistry laboratory of a tertiary health care centre	Principal investigator Dr. U. Satya Devi Co- Investigator Dr. Madhur Gupta
7	Psychological impact of COVID -19 pandemic on lab technicians: A study in a tertiary care hospital in India	Principal investigator Dr. Sheel Thorat Co- Investigator

#### Research Projects from Pathology Department

S.N.	Topic	Investigator
1	Clinical utility of reticulocyte haemoglobin content (Chr) in the diagnosis of iron deficiency anemia in adult women	Principal investigator Dr. Anne Wilkinson Co- Investigator Dr. S. Akhtar
2	Hematological indices for differential diagnosis of anemia and sub typing among medical students.	Principal investigator Dr. Shamim Akhtar Co- Investigator Dr. S. D. Mahore
3	Apoptotic index assessment in various grades of cervical epithelial dysplasia ( CED): A cross sectional study	Principal investigator Dr. Pragati Karmarkar Co- Investigator Dr. Trupti Dongare
4	Pervasiveness of anemia and risk factors among young adult girls of medical Institute.	Principal investigator Dr. Shamim Akhtar Co- Investigator
5	Effects of type – II diabetes mellitus on various parameters of hematology	Principal investigator Dr. Shamim Akhtar Co- Investigator





#### Research Projects from Physiology Department

S.N.	Topic	Investigator
1	Internet addiction in medical students.	Principal investigator Dr. S. D. Wakde Co- Investigator Dr. H. T. Kande, Dr. Arti Kasulkar

#### Research Projects from Microbiology Department

S.N.	Topic	Investigator
1	COVID 19 antibody seroprevalence amongst health care workers in tertiary care hospital	Principal investigator Dr. Umesh Hassani Co- investigator Dr. Kalpana Date, Dr. Neena Nagdeo, Dr. Vilas Thombare
2	COVID 19 antibody seroprevalence amongst bank employees in Nagpur.	Principal investigator Dr. Umesh Hassani Co- investigator Dr. Kalpana Date, Dr. Neena Nagdeo Dr. Vilas Thombare

#### Research Projects from Community Medicine Department

S.N.	Topic	Investigator
1	Epidemiological characteristics of COVID-19 patients in Nagpur: A descriptive cross-sectional study	Principal investigator Dr. Aniruddha Deoke Co- Investigator
2	Impact of COVID -19/sars-COV-2 on social behavior of Indian community	Principal investigator Dr. Shilpa Hajare Co- Investigator Dr. Leena Balpande
3	Post discharge symptoms and functional status among mild to moderate grade COVID-19 patients discharged from dedicated COVID health centre (DCHC)	Principal investigator Dr. Meenal Kukarni Co- Investigator Dr. Mohan Joshi, Dr. Ajeet Saoji, Mr. Nayse

S.N.	Topic	Investigator
4	COVID -19 pandemic: perspective on quality of life	Principal investigator Dr. Ketan Dagdiya Co- Investigator Dr. Sayali Bhagat
5	Patient satisfaction about DCHC services at private tertiary care hospital in central India	Principal investigator Dr. Mohan Joshi Co- Investigator Dr. Shilpa Hajare, Dr. Meenal Kulkarni

#### Research Projects from Otorhinolaryngology Department

S.N.	Topic	Investigator
1	Study of improvement of nasal symptoms following septoplasty with inferior turbinoplasty versus septoplasty alone in deviated nasal septum : A randomized controlled trial.	Principal investigator Dr. Vivek Harkare Co- Investigator Dr. Sonali Khadakkar
2	Study of treatment response in patients of laryngopharyngeal reflux using score RSI & RFS	Principal investigator Dr. Kanchan Dhote Co- Investigator Dr. Priti Dhote
3	Treatment response in patients of laryngopharyngeal reflux using reflux finding score (RFS)	Principal investigator Dr. Kanchan Dhote Co- Investigator Dr. Priti Dhoke
4	Study of otorhinolaryngological manifestations in symptomatic COVID – 19 positive patients at tertiary health care hospital-A cross sectional study	Principal investigator Dr. Disha A. Methwani Co- Investigator Dr. Nitin Deosthale

#### Research Projects from Ophthalmology Department

S.N.	Topic	Investigator
1	Visual outcome and prognostic factors in paediatric ocular trauma patients attending a tertiary referral eye hospital.	Principal investigator Dr. Mohana Mujumdar





S.N.	Topic	Investigator
2	Suprachoroidal steroid in macular edema of diverse etiologies	Principal investigator Dr. Rhutuja Deo Co- Investigator Dr. Bodhraj Dhawan, Dr. Rekha Khandelwal
3	Use of amniotic membrane in trabeculectomy combined with cataract surgery for advanced glaucoma coexistent with cataract.	Principal investigator Dr. Rekha Khandelwal Co- Investigator Dr. Deepa Kumar
4	Effect of automated versus manual corneal polishing on corneal topography in primary pterygium excision	Principal investigator Dr. Deepa Kumar Co- Investigator Dr. Rekha Khandelwal, Dr. Ajay Kulkarni Dr. Uttkarsha Thakre, Dr. Riddhi Vora

#### Research Projects from Psychiatry Department

S.N.	Topic	Investigator
1	Psychological evaluation of medical students under quarantine	Principal investigator Dr. Bhumika Jaiswal Co- investigator Dr. Sushil Gawande
2	Psychological assessment of paramedical staff working in COVID – 19 wards.	Principal investigator Dr. Manasi Aphale Co- investigator Dr. Sushil Gawande
3	Psychological assessment of resident doctors working in COVID-19 wards.	Principal investigator Dr. Megha D. Sheth Co- investigator Dr. Sushil Gawande
4	Assessment of alexithymia and cognition in patients of depression- A cross sectional exploratory study	Principal investigator Dr. Abhijeet Faye Co- investigator Dr. Sushil Gawande , Dr. Vivek Kirpekar Dr. Sudhir Bhawe

#### Research Projects from Respiratory Medicine Department

S.N.	Topic	Investigator
1	Predictors of sputum culture conversion among MDR TB patients.	Principal investigator Dr. S. M. Khan Co- Investigator Dr. B. O. Tayade Dr. Sonal Arsude Dr. Chetan Khedekar
2	Radiological and functional assessment in moderate to severe covid -19 patients post recovery	Principal investigator Dr. Akansha Sarda Co- Investigator Dr. B. O. Tayade, Dr. Anil Sontakke Dr. Sumer Choudhary Dr. Plash Saxena

#### Research Projects from Orthopedic Department

S.N.	Topic	Investigator
1	Prospective study of minimally invasive plate osteosynthesis in distal fractures	Principal investigator Dr. Prashant Badwaik Co- Investigator Dr. Samir Dwidmuthe
2	Walking age of infants treated with ponseti method for Idiopathic clubfoot.	Principal investigator Dr. Nikhil Tiwari Co- Investigator Dr. Devashis Barick Dr. Amit Nemade Dr. Nilesh Joshi
3	Effect of hamstring graft tibial insertion preservation on ligamentization of reconstructed anterior cruciate ligament : A randomized controlled study	Principal investigator Dr. Kiran Belsare Co- Investigator Dr. Nikhil Tiwari
4	Anterior cortical impingement with 240 mm cephalo-medullary nail ( PFN & PFNA-2) in intertrochanteric femur fracture fixation in Indian population : A problem statement	Principal investigator Dr. Devashish Barick Co- Investigator Dr. Ameya Sawarkar Dr. Nikhil Tiwari



S.N.	Topic	Investigator
5	Prospective study of minimally invasive plate osteosynthesis in distal tibia fractures.	Principal investigator Dr. Prashant S. Badwaik Co- Investigator Dr. Nilesh Joshi

#### Research Projects from General Surgery Department

S.N.	Topic	Investigator
1	Prognostic role of absolute eosinophil count in patients with perforative peritonitis: A prospective study.	Principal investigator Dr. Nitin Wasnik Co- Investigator Dr. Divish Saxena Dr. pankaj bargaji Devansh Mishra
2	Evaluation and comparison of RIOASA and modified Alvarado scoring systems for the accurate diagnosis of appendicitis	Principal investigator Dr. Mahendra Chauhan Co- Investigator Dr. Murtaza Akhtar
3	Clinical study of pancreatitis and its complications.	Principal investigator Dr. Nitin Wasnik Co- Investigator Dr. Pankaj Nawade Dr. Priyanka Sawarkar Dr. Chetankumar Dr. Devansh Dr. Janak
4	Needle port assisted two port laparoscopic appendectomy: study of surgical outcome in minimizing minimal invasive technique	Principal investigator Dr. Rajiv Sonarkar Co- Investigator Dr. T. R. V. Wilkinson Dr. Giriraj Gajendra
5	Surgical hand antisepsis-comparison of alcohol based hand rub ( propan-2-0145gm, propan-1-0130gm, ethyl-sulphate 0.2gm) hand sanitizer (iso-propyl alcohol 70% and povidoneiodine scrub ( 7.5%) in COVID-19 Pandemic	Principal investigator Dr. S. M. Fulare Co- Investigator Dr. Satish Deshmukh

S.N.	Topic	Investigator
6	Seri positivity of COVID-19 in health care workers in a tertiary care hospital	Principal investigator Dr. Murtuza Akhtar Co- Investigator Dr. Sushil Mankar Dr. Madhur Gupta Dr. Umesh Hassani
7	Evaluation of 30 days morbidity and mortality of laparoscopic cholecystectomy in India – A multicenter prospective observational cohort study ( IAGES Trial)	Principal investigator Dr. Murtuza Akhtar Co- Investigator Dr. Mahendra Chauhan Dr. Pankaj Goyal

#### Research Projects from Anesthesiology Department

S.N.	Topic	Investigator
1	Comparison of intravenous Dexmedetomidine with intravenous fentanyl for intraoperative haemodynamic stability in patients undergoing lumbar laminectomy – a randomize, double blind, controlled study	Principal investigator Dr. Anjali Bhure Co- Investigator Dr. Ketaki Marodkar Dr. A. Watre Dr. K. Marodkar Dr. Neha Gadkari
2	Randomized controlled study on role of structured preoperative anesthesia counseling by post graduate students in anesthesiology	Principal investigator Dr. Charuta Gadkari Co- Investigator Dr. Shubhada Deshmukh Dr. Ajay Walve
3	Comparison between two different doses of transdermal fentanyl patch for postoperative analgesia in patients undergoing abdominal hysterectomy – A randomized controlled trial	Principal investigator Dr. Heena Pahuja Co- Investigator Co- Investigator Dr. Rachana Naitam Dr. Anjali Bhure Dr. Shubhada Deshmukh





### Research Projects from Radio-diagnosis Department

S.N.	Topic	Investigator
1	The role of color Doppler sonography in the detection of dysfunction placental performance and risk of fetal	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Kajal Mitra Dr. Nikita Agrawal Dr. Shital Hurve Dr. Sarika Kohar
2	Differentiation of CT finding of COVID-19 pneumonia from other pneumonia	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Rusabh Chordiya Dr. Simran Rathi
3	Correlation of symptoms and its duration with HRCT chest finding in COVID-19 A cross sectional study	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Sanjana Wadhwani
4	Evaluation of pulmonary vascular metrics, severity of pneumonia and clinical outcome in COVID-19 patients.	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Rajcee Chhajed
5	Spectrum of chest high resolution computed tomographic ( HRCT) finding in coronavirus disease – 19 (COVID -19) patients.	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Dheeraj Tripathi
6	Value of portable chest-x-rays for imaging in critically ill patients with COVID-19 induced pneumonia.	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Priyanka Mane Dr. Varun Nimje
7	To evaluate the association of CT measured cardiac indices with lung involvement and clinical outcome in patients with COVID-19-A retrospective study	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Aisha Lakhani Dr. Nikhil Laturkar

S.N.	Topic	Investigator
8	Quantitative chest CT analysis in COVID-19 to predict the need for oxygenation and intubation	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Sandeep Chude
9	Correlation of CT severity grade with laboratory findings in COVID-19 patients	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Kajal Mitra Dr. Rutuja Dapterdar
10	Implications of gender difference in chest CT scan findings, morbidity and mortality of patients with COVID -19 pneumonia	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Varun Nimje Dr. Priyanka Mane
11	To evaluate the prognostic accuracy of neutrophil – to – lymphocyte ratio and CT severity score ( CORADS) to reflect the degree of degree of lung injury in patients with corona virus disease 2019 ( COVID-19) A retrospective study.	Principal investigator Dr. Avinash Dhok Co- Investigator Dr. Aisha Lakhani Dr. Tushar Yadav

### Research Projects from General Medicine Department

S.N.	Topic	Investigator
1	Hypovitaminosis D in patients of acute of acute coronary syndrome	Principal investigator Shilpa Kuthe Co- Investigator Dr. Nalini Humaney
2	Clinical profile of patients undergoing hemodialysis in tertiary care hospital in central India.	Principal investigator Dr. Nalini Humaney Co- Investigator Dr. Vivek Pande
3	Effectiveness of 28 pre- validated parameters in improving documentation by junior residents (Jrs in death files of medicine wards of 2016, 2017 & 2019)	Principal investigator Dr. Vivek Pande Co- Investigator





### Research Projects from Obstetrics & Gynecology Department

S.N.	Topic	Investigator
1	Labour room admission and outcome: caesarean V/S vaginal delivery in a tertiary health care Centre.	Principal investigator Dr. Prachi Dixit Co- Investigator Dr. Amisha Mamath
2	The effect of microteaching and undergraduate syllabus sensitization workshop on teaching skill of postgraduate students for undergraduate teaching: A quasi experimental study.	Principal investigator Dr. Prachi Dixit
3	Evaluation of maternal satisfaction on delivery in vaginally postnatal women – A cross sectional study.	Principal investigator Dr. Kanchan Dwidmuthe Co- Investigator Dr. Savita Somalwar Dr. Apurva Patney
4	Efficacy and safety of ferric carboxymaltose over iron sucrose in women with iron deficiency anemia in pregnancy : randomized control trial.	Principal investigator Dr. Shrushti G. Mishra Co- Investigator Dr. Nikita Vijay Dr. Sulbha Joshi
5	Bilateral internal iliac ligation in case series of placenta accrete syndrome: An essential skill for all obstetricians.	Principal investigator Dr. Prachi Dixit Co- Investigator Dr. Anuja Bhalerao
6	A cross sectional study of headaches associated with personal protective equipment in health care worker	Principal investigator Dr. Kanchan Dwidmuthe Co- Investigator Dr. Savita Somalwar Dr. Sheela Jain
7	Efficacy & safety to diagnostic hysteroscopy and its histopathological correlation in perimenopausal women with abnormal uterine bleeding.	Principal investigator Dr. Pallavi Khengar Co- Investigator Dr. Nikita Vijay Dr. Varsha Kose Dr. Charmy Vashi

### Research Projects from Paediatric Department

S.N.	Topic	Investigator
1	Psychological comorbidity and functioning in a clinically referred population of children with autism spectrum disorders: A comparative study	Principal investigator Dr. Pankaj Singh Co- Investigator Dr. Himanshu Dua
2	Adjustment problem in rural adolescent girls staying in hostel and studying in urban school	Principal investigator Dr. Pankaj Singh Co- Investigator Dr. Pradeep Pazare Dr. Pradnya Pradnya Pande
3	Renal functions in neonates with weight loss of more than 10% in early neonatal period	Principal investigator Dr. Anjali Edbor Co- Investigator Dr. Himanshu Dua
4	Newborn screening for sickle cell anemia by lateral flow chromatographic qualitative immunoassay	Principal investigator Dr. Rizwan Ahmed Co- Investigator Dr. Nilofer Mujawar





## EVENTS ORGANIZED BY THE INSTITUTE

### INDEPENDENCE DAY

Independence Day was celebrated in the campus of NKP SIMS on 15 TH August 2020. Flag hoisting was done at the hands of Hon'ble Working Chairman Dr. Ashish Deshmukh followed by National Anthem. Dr. Ashish Sir and Dean, Dr. Kajal Mitra Sir, addressed the gathering. Annual Report 2019 – 20 of NKPSIMS & RC was released, which was prepared by Dr. Pragati Karmarkar, Asso. Prof. Pathology and her team. Splash, Reflection, staff research presentation booklet was also released on the same day. Awards and prizes were given to different departments. Department of Respiratory Medicine received C. N CHARI Research Award for Outstanding Research performance at NKP SIMS by the hands of Dr. Ashish Deshmukh. All HOD's and senior staff members were prominently present. Covid norms like social distancing and proper sanitization were strictly followed during celebration. Overall coordination compliance was done by Mr Vilas Khangan, Admn. Officer. The comparer for function was Dr. Vidula Gowardhan, Assit. Prof. and Dr. Ashwini from Department of Pathology, NKPSIMS, Nagpur.



- ▲ Following Annual Awards were given on the occasion:
- ▲ Award for Staff Research Presentation in MET for the year 2020 – First - Dr. T. R. Wilkinson,
- ▲ CN Chari Award :- Dept. of Respiratory medicine
  - ▲ NCHPE 18 MET Award -Dept. of physiology (2nd), Dept of Biochemistry (1st)
  - ▲ Best Academic staff research presentations :Dr Sunanda Chaoji (2nd), Dr T.R. Wilkinson (1st)
  - ▲ Educational research Award:- Dr Prachi Dixit
  - ▲ Best ward - Dialysis ward
  - ▲ Best teacher -Dr Rajesh Dehankar
  - ▲ Best Nursing staff - Mrs Sevika Moon
  - ▲ Best Non-teaching staff - Mr Sandip Patil
  - ▲ Best class III staff:- Mr Eknath Dhengre
  - ▲ Best class IV staff:- Mr Wasudev Wadbudhe.

### WORLD BREAST FEEDING WEEK

1st to 7th August 2020

World Breast Feeding week was organized by Dept. of Ob/Gyn and Dept. Of Pediatric, NKP Salve Institute of Medical Sciences & R.C. and Lata Mangeshkar Hospital in association with NARCHI Nagpur Chapter, NOGS and AOP from 1st to 7th August 2020. The activities and Highlight – An awareness video was released for the

ASHA workers who were requested to circulate it amongst the mothers to reinforce the importance of breast feeding & to promote Breast feeding. A presentation on Home based care for newborn was made by Pediatrics department. An online Rangoli Competition was organized for the staff nurses. A Syndicate Seminar by Postgraduate of Ob/Gyn, Pediatrics was held on 4th & 5th August. An online awareness program was held for UG students of 2016 batch. A Slogan and Poster Competition for Interns was held. An online Quiz for Postgraduate students was conducted. A webinar on Post-natal exercises was held on 7th August. The Speaker was Dr. Rashmi Mahulkar, Asso. Professor VSPM College Physiotherapy. The Coordinators were Dr. Sheela Jain, Dr. Himanshu Dua & Dr. Gauri Rajput.



### NSS Day Celebration

The NSS day, i.e. 24th September was celebrated by the NSS unit of N.K.P. Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital on 24th September 2020. The day was celebrated by making posters on the theme for the year "Not Me, But You". 15 volunteers participated in the celebration. They shared the posters online on various groups as social gathering was not allowed due to Covid-19. The volunteers were guided by Dr. Ajeet Saoji, Program officer and Prof. & Head, Community Medicine, Dr. Shilpa Hajare, Co-officer and Assistant Professor, Community Medicine and Dr. Ketan Dagdiya, Assistant Professor, Community Medicine.



### World AIDS Day

World AIDS day was celebrated in the dept of Community Medicine on 01-12-2020. Interns posted in the department prepared and displayed poster on theme to create awareness. The theme for WORLD AIDS DAY 2020 was "Global solidarity, resilient HIV Services". All the faculty along with PG students and Interns from the dept of Community Medicine were present.





### REPUBLIC DAY

On 26th January 21, on the occasion of Republic Day celebration, flag hoisting was done at NKPSIMS Campus, Digdoh, at the hands of Hon. Chairman, Shri Ranjeetbabu Deshmukh. Overall coordination was done by Mr Vilas Khangan, Admn. Officer. and VSPM, DCRC, Nagpur.



### INTERNATIONAL WOMENS DAY CELEBRATION

International Women's Day is globally celebrated annually on 8th March to commemorate the cultural, political, and socioeconomic achievements of women. It is also a focal point in the women's right movement, bringing attention to issues such as gender equality, reproductive rights, and violence against women. Theme for this year – "Women in leadership: Achieving an equal future in COVID19 world." On this occasion interns posted in the department made poster on the theme. Poster was displayed in front of Dean Office for awareness. Also Interns stated about the tremendous efforts by women and girls around the world in shaping a more equal future and recovery from the COVID-19 pandemic.



### WORLD HEARING DAY CELEBRATION AT DEPARTMENT OF ENT

World Hearing Day is held on 3rd March every year all over the world to raise awareness on how to prevent deafness and promote ear and hearing care across the world. Nation-wide disability survey has estimated hearing loss to be the second most common cause of disability. Hearing loss affects one's ability to communicate with others. We at the Department of ENT, NKP Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital, Nagpur celebrated this day by



organising a camp for hearing test and speech therapy. Mrs. Jambhulkar VP of All India Wives of CRPF Officer Association was present as a Chief Guest. 3 Autistic children from CRPF were given speech therapy sessions and hearing assessment of these children were done. Hearing testing and assessment of OPD patients were done for free of cost. 14 more autistic children registered for hearing evaluation & speech therapy. Vote of thanks given by Dr. Vivek Harkare. All departmental staff members were present on this occasion.

### World Health Day Celebration

Every year April 7 marks the celebration of World Health Day. This year, the theme focus on "Building a fairer, healthier world for everyone". Department of Community Medicine also displayed poster and video on World Health Day theme for sensitizing health care workers and general population. Dr. Ajeet Saoji, Prof. and Head, Department of Community Medicine along with the faculty were present. Occasion was graced and appreciated by Dr. Thombare, Vice Dean, Dr. Deosthale, Vice Dean (Clinical) and MS, Dr. Bhelkar, Asso. Prof. Chief Guest from GMC, Nagpur.



### WORLD TUBERCULOSIS DAY The Clock is Ticking "A world TB Day Campaign for Action"

On 24th March 2021, World TB Day was commemorated in the Conference Hall of NKPSIMS & Lata Mangeshkar Hospital Digdoh Hills, Nagpur, under the patronization of Department of Respiratory Medicine. The Theme of World TB Day 2021, "The Clock is Ticking" conveys the sense that world is running out of time to act on the commitments to end TB, made by Global & Indian Leaders. This is especially critical in the context of the Covid -19 pandemic that has put End TB Progress at risk. Introductory remarks on the World TB Day were given by Dr. Shashi Kalantri, Medical officer, RNTCP, NKPSIMS & LMH Nagpur. Dr. B.O. Tayade Professor & HOD of Department of Respiratory Medicine NKPSIMS & LMH Nagpur presided over this function of World TB Day & the Dean of the Institute Dr. Kajal Mitra was the Chief Guest of this event. Dr. Ravindra Sarnaik eminent Pulmologist of Nagpur city, and other Teaching & Non teaching staff of Dept. of Respiratory Medicine (TB & Chest) witnessed this unforgettable event.



### COMMUNITY MEDICINE DEPARTMENT

World Tuberculosis Day 2021 is observed on 24 March every year to raise awareness about tuberculosis in the world. The theme for this year is "THE CLOCK IS TICKING" - conveys the sense that the world is running out of time to act on the commitments to end TB made by global leaders. Department of Community Medicine in coordination with NTEP Medical Officer Dr. Shashi Kalantri conducted online Quiz among MBBS- 2019 batch students on google classroom. Out of 148, 66 students responded among which 51 were NSS volunteer.





### 75th BIRTHDAY CELEBRATION OF HON'BLE CHAIRMAN

- Blood Donation Camp at RHTC, Katol

On the occasion of 75th Birthday of Hon'ble Chairman Shri Ranjitbabu Deshmukh, blood donation camp was conducted at RHTC, Katol. Since Covid 19 pandemic, there is shortage of blood units all over Maharashtra. Keeping this in view, total 54 blood donors were present. Blood Donation camp was conducted in presence of Dr. Kishore Dhobale, Medical officer, Dr. Bhavana Javade, Dr. Rupal Darakand & Dr. Mrunal khobragade.



### FELICITATION OF DEPARTMENTS FOR COVID WORK

On the occasion of 75th Birthday of Hon'ble Chairman Shri Ranjitbabu Deshmukh, all the corona warriors from vidharbha region were felicitated. Department of Community Medicine received Corona warrior award. Dr. Ajeet Saoji, Prof. and Head had received the award on behalf of the department. Department of Community Medicine is involved in provision of isolation certificate, vaccination and administration of DCHC since COVID 19 pandemic. Work of department was highly appreciated by all the dignitaries.



### DONATION OF O2 CONCENTRATORS

The Gandhian Society and The Go Fund Me team "raising funds for a hospital in Nagpur" – Lubaina Maimoon, Amrita Vijay Jain, Deepa Nanwani & Simran Nanwani, helped to collect funds for 10 O2 Concentrators in the USA. These concentrators were delivered to NKP Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital on the 24th May 2021.



This has brought us closer to fulfilling the basic healthcare need in India during this terrible pandemic of COVID-19. Their support goes a long way in helping us to take care of the needy patients.

We, at NKPSIMS & RC and LMH was catering to the patients from Nagpur city as well as rural parts of central India. All the faculties, resident doctors, interns, nurses and support staff are working round the clock since last one year in the services of COVID patients. We are happy to provide care to all patients regardless of their ability to pay. The hospital would not be able to do all this without the support of a caring community. This pandemic has brought the entire global community under one roof and we are grateful to people like The Gandhian Society and the Go Fund Me team for making this world a better and safer place to live in.

### VITILIGO WEEK

Department of Dermatology Venerology and Leprosy celebrated Vitiligo week from 21st June to 26th June 2021 under the guidance of Professor and Head of the Department, Dr. Milind Borkar. During this week, patients suffering from Vitiligo (leukoderma) were examined in the skin OPD and were offered consultation, counseling and treatment. A Vitiligo Surgery Workshop was also conducted throughout the week in which patients of stable Vitiligo were carefully selected and operated during the workshop for free-of-cost. We performed Micropunch Grafting, Suction Blister Grafting and other surgical techniques for the treatment of Vitiligo. Dr. Sushil Pande, associate professor and senior residents Dr. Manjiri Oke & Dr. Kirtee Meshram performed the surgeries and were assisted by Post Graduate students. Vitiligo week was a great success!



### INTERNATIONAL YOGA DAY CELEBRATION - DEPARTMENT OF PATHOLOGY

Department of pathology organised a yoga session for all the staff members on the occasion of international yoga day i.e., 21st June. Mrs Babita Virkhare, senior technician, pathology, is a trained yoga teacher. She conducted the activity with enthusiasm, and also guided all for doing yoga step by step.

All the teaching staff and post-graduate students whole-heartedly participated in the event.





### YOGA DAY CELEBRATION - GENERAL MEDICINE DEPARTMENT

On 21st June 2021, in dept. of General Medicine, a workshop about office yoga for lifestyle disorders was conducted on the occasion of "International Yoga Day" in the seminar room from 1pm to 2.30pm. Innovative session of yoga sadhana was held.

Dr. R. Kshirsagar was the Yoga instructor. He started the workshop with 'Omkaara' chanting and went on to explain & demonstrate various simple yogic exercises along with breathing technique. He also explained pranayama techniques of anulomvilom etc. in a very simple manner.

The session concluded with Omkaara chanting collectively. It was attended by all Medicine Dept. faculty, staff & residents. It was stress relieving & relaxing activity enjoyed by all.



### WORLD BLOOD DONORS DAY CELEBRATION

World blood donors Day celebration on 24th June was done at Samvad MET hall, NKP Salve Institute of Medical Sciences and Research Centre and Lata Mangeshkar Hospital Dighdoh Hills Nagpur.

The event was organized by Lata Mangeshkar Hospital Blood and Component Centre in association with VSPM Dental Student Council. Various activities like voluntary blood donation camp, motivational talk poster competition and felicitation of regular donors and camp organizers were carried out.



At the outset Dr Mrunalini Wankhede welcomed all and introduced the event with its significance to spread awareness and to motivate voluntary blood donors especially youth and also blood donation camps.

Hon'ble Dean Dr Kajal Mitra sir, Chief Guest addressed event and motivated students for blood donation and congratulated the VSPM Dental Students Council for the initiative. Dr. Usha Radke, Dean VSPM Dental College and Research Centre and Vice Dean Dr Ramakrishna Shenoy sir also addressed the event and appealed the students to carry out such blood donation camps in future also.

Guest speaker Mrs. Ashwini Gihre, Counsellor from Hedgewar Blood Bank Centre delivered motivational talk where she emphasized on the motivation and retention of regular blood donors.

The dignitaries felicitated Dr Sadhna Mahore, Professor, Department of Pathology who donated blood 27 times in LMH blood Centre with certificate and Mr Dilip Hanwate from dental college was also felicitated who donated blood 58 times.

Three winners of poster competition were awarded with cash prize and certificate. Total 38 including staff and students donated voluntarily on the occasion. Dr. Sabiha Maimoon, Head Department of Pathology NKPSIMS and RC appreciated the students and staff for their initiative of blood donation camp and the whole event the team led by Dr Kalpana Bothale Incharge LMH Blood Centre to sincere efforts for the success of the event.

### WORLD POPULATION STABILIZATION FORTNIGHT CELEBRATION

The Department of OBGY, Lata Mangeshkar Hospital in association with NOGS, FOGSI had organized a "Family Planning Counsellor training Programme" on 20th and 21st July 2020 at NKP Salve Institute of Medical Sciences. The world population is growing exponentially and India has reached 1.35 Billion as in July, 2019. To control this growth in population is the need of the hour. In accordance with this need, The Department of OBGY, Lata Mangeshkar hospital decided to take a small effort to create awareness regarding Family planning services and newer contraceptives amongst the health care providers like Staff Nurses, Social workers and Post graduate students as these are the First point of contacts for patients. Under the able guidance of Dr. Sulabha Joshi (Professor and Head, Dept of OBGY) and Dr. Anuja Bhalerao (Professor and Unit Incharge, Dept of OBGY), The programme was well coordinated by Dr. Prachi Dixit, Dr. Rita Bang and Dr. Prajakta Junewar.



### EDUCATIONAL PROGRAMMES & WORKSHOPS

#### 1) Anubandh for 2019 batch II MBBS Students

First session of Anubandh for freshly passed 2019 batch was held between 25th to 27th March 2021 through online platform. Total 94 students were divided in 09 groups of 12 students each with two student mentors from 2018 batch.



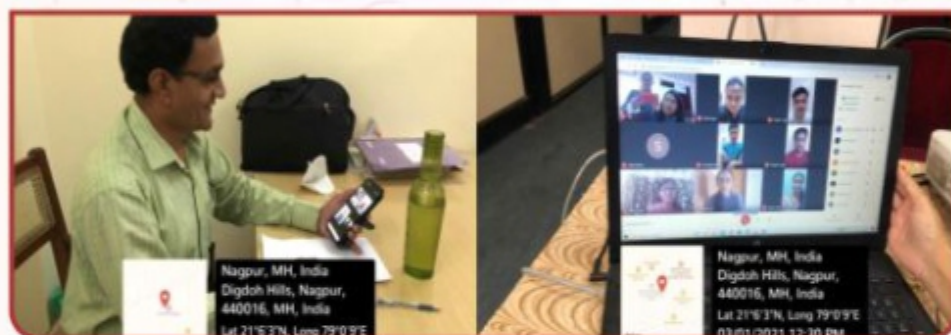
Online meeting with second year teachers was held to brief about the conduct of the program. Total 9 teacher mentors from second year- Pathology, Microbiology, Pharmacology and Forensic Medicine- conducted the session online. Total 50 Students attended the session. Mentors interacted with students and took their feedback about online classes. They made them aware about the new time table and examination pattern with reference to CBME curriculum. Students enjoyed interaction with teachers and asked their doubts about vaccination & COVID precaution. The reflections of teachers and students were taken through Google forms. Their reflections



demonstrated satisfaction as they got an opportunity to know about change in curriculum. Students appreciated efforts of teachers to get in touch with them. The event was coordinated by Dr. Smita Pakhmode, Coordinator, UG Anubandh MEU, under guidance Dr. Suresh Chari, Dr. Madhur Gupta and Dr. Anne Wilkinson.

#### ANUBANDH FOR 2020 BATCH I MBBS STUDENTS

First session of Anubandh was conducted on 1st March at 12.15 pm on online platform. Total 13 groups of First year students (2020 batch) were mentored by 13 teachers from preclinical department along with two student mentors of 2019 batch. All teacher mentors were briefed about conduct of Anubandh by Dr. Suresh Chari, Dr. Madhur Gupta, Dr. Anne Wilkinson & Dr. Smita Pakhmode. All students in the 13 groups were satisfied with sharing academic problems and asking questions regarding academics and sensitization about COVID 19 precautions. Students show preference for on site session and showed enthusiasm to attend the anubandh session further. Teachers were also satisfied to interact with students. Students and teachers reflections were collected through google form. Dr. Smita Pakhmode was the coordinator for all the sessions.



#### AVENUES IN RESEARCH COLLABORATION AND INCUBATION CENTRE. "- DR. MRUGNA GUPTA

The Research Cell of N.K.P. Salve Institute of Medical Sciences & Lata Mangeshkar Hospital Nagpur organized an online guest lecture on 6th May 2021 on "Avenues in research collaboration and incubation centre. "The guest lecture was given by Dr. Mrugna Gupta CEO, Incubation Centre GH Raisonni Nagpur.

Overall 37 teaching staff members participated in this interactive session. Dr. Mrugna, who is CEO briefed about various methods of safe guarding Intellectual property like trademarks, copyrights, branding and patenting. Also she explained regarding the pre requisites of being eligible to the in cubation centre and the facilities provided there. She also described the process of patenting, legal issues related to patents and the journey from development to commercialization of the medical devices. Dr. Aashay Kekatpure Research cell member and Associate Prof, Department of Orthopaedics, coordinated the program and explained the need for the incubation centre and collaboration with engineering department for the fast paced developments in the Surgical fields.

#### CLASS APART - 2021 : TWO DAYS ONLINE PERSONALITY ENHANCEMENT PROGRAM

The Medical Education & Technology Unit of N.K.P. Salve Institute of Medical Sciences & Lata Mangeshkar Hospital, Nagpur organized two days online Personality Enhancement Program "Class Apart - 2021" under able leadership of Dean Dr. Kajal Mitra. The participants were addressed by Dr Suresh Chari, Director, IQAC, MET & Research Cell, NKPSIMS & RC and LMH, Nagpur on 3rd & 4th May 2021 on soft skills so as to bring in positive impact in their lives. Overall 52 MBBS students of 2019 batch participated in this interactive session. The event was coordinated by Dr. Arti Kasulkar, MEU Member and Associate Professor, Department of Forensic Medicine & Toxicology under the guidance of Dr. Suresh Chari, Director of MET & Research, Dr. Madhur Gupta and Dr. Anne Wilkinson, Secretaries MEU.



#### COVID TRAINING WORKSHOP

Department of Anesthesia had arranged training programme of proper use of N-95 mask and face shield, Donning, Doffing and disposal for all OT sisters, attendants, old SICU staff on 24/07/2020. Main concerns were to avoid any mistakes in donning doffing and disposal. They trained all OT staff including sisters, attendants before starting of COVID centers of our hospital. Total 32 participants were present. Most of the participants did practice on donning and doffing. Programme schedule were Donning & Doffing conducted by Dr. Rachana, Dr. Ami, Dr. Tilka, Dr. Sumedha, Dr. Savita and Dr. Pratik. COVID Training Workshop for staff of the primary health care centre conducted on 7th June 2021 to 16th June 2021. Department of Anaesthesia with Department of Paediatrics had arranged COVID training programme in collaboration with collector office Nagpur for health care workers of primary health care centre of Nagpur district. Lectures for COVID training were arranged and there after Hands on oxygen therapy and ventilator was done.





## DECRYPTIFYING EXAMS IN CORONA TIMES - DR. SUPRIYA GULCHANDANI

COVID – 19 pandemic is causing a lot of disturbance in every one's life. Students are not immune to it & are facing lot of difficulties in studies and preparation for exams. Alumni association of NKP Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital (NKPSIMS & RC and LMH), Nagpur conducted an online webinar "Decryptifying exams in CORONA times" on 15.05.2021 to guide under-graduate and post-graduate medical students for preparing university exam, NEET PG entrance, superspeciality NEET and PLAB exams. Dr. Supriya Gulchandani (1991 batch Alumni) guided students for preparation of PLAB exams. She is a Urogynaecologist practicing in the United Kingdom. Dr. Shraddha Iyer (2017 PG Alumni), currently pursuing MUHS Fellowship in Cytopathology at NCI, Nagpur, guided students for post-graduate and Superspeciality NEET exam. Dr. Avantika Thombre (2015 batch), a recipient of 3 academic University Gold medals, shared her experience of P.G. NEET exam preparation. Dr. Aditi Modak, presently an Intern at NKPSIMS & RC and LMH, guided undergraduate students for MUHS University MBBS exam preparation. Students preparing for Under Graduate exam and Post Graduate Entrance preparation benefited from this webinar.

The challenges of online examinations in the medical field were discussed at length. The speakers also motivated the students regarding the mental stress that students are undergoing because of the repeated postponement of examinations. Dean, Dr. Kajal Mitra advised the students to prepare for case scenarios for the viva voce examination in case the practicals are also held online. Dr. Mohana Majumdar Director General Administration and Dr. Sushrut Fulare, Associate Professor of General Surgery were the organizers.

### PLAB Exam

- Professional & linguistic advisory board
- Doctors who qualify outside the European union/Switzerland
- PLAB 1 - written MCQ, with 180 single best answer questions within 3 hours. Each starts with a short scenario followed by a question. You need to choose the right answer out of the five possible answers given
- PLAB 2 - practical objective structured clinical exam, known as an OSCE. 15 scenarios - each lasting eight minutes & aims to reflect real life settings including a mock consultation or an acute ward



## DIMENSIONS AND SCOPE OF MENTORING AT NKPSIMS & RC AND LMH - Dr. Chetna K. Desai

NKP Salve institute of Medical Sciences is celebrating a decade of the Mentorship program ANUBANDH in the year 2021 under the able leadership of Dean Dr. Kajal Mitra. Medical education technology unit of NKP Salve Institute of Medical Sciences organized a guest lecture on "Dimensions and scope of mentoring at NKP" on google meet platform. Dr. Chetna K. Desai, FAIMER fellow, Prof and HOD Dept. of pharmacology, BJ Medical College, Ahmedabad, was the faculty for the guest lecture. This was organized to motivate UG mentors of NKPSIMS to implement mentorship program. Dr. Chetna K. Desai beautifully navigated the participants from history of mentorship to the present status and need of mentoring in medical colleges. She involved all participants and took the irrelections by giving interactive exercises. She demonstrated how an effective mentorship program can run through different stages and how it can be implemented effectively in different formats. She successfully convinced all mentors that though mentorship is meant to help the mentee to give their best, it helps mentors to

N.K.P. Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital, Nagpur  
MET Unit  
Invite all teaching staff members  
**"DIMENSIONS AND SCOPE OF MENTORING AT NKP"**  
Faculty  
**Dr. Chetna K. Desai**  
Prof. and Head, Pharmacology  
Coordinator - M.E.U., RTC, RC, PhD.  
B. J. Medical College, Ahmedabad  
Learning Objectives:  
1. Mentoring: principles, qualities, approach and myths.  
2. Mentoring at NKP: possibilities and challenges.  
Google meet on: Wednesday 31st March 2021  
Time: 2.30 pm to 3.30 pm

grow in their personality.

Total 48 medical faculties from NKPSIMS & other Medical Institutes joined the session. We got good feedback from all participants. The event was coordinated and conducted by Dr. Smita Pakhmode, UG Anubandh coordinator, under the guidance of Dr. Suresh Chari, Director of MET & Research and Dr. Madhur Gupta and Dr. Anne Wilkinson, Secretaries MEU.

## EXPRESS TO IMPRESS: A TWO DAY WORKSHOP ON PUBLIC SPEAKING & PRESENTATION SKILL

A two-day workshop on public speaking & presentation skill for MBBS students – 2019 batch was organized by Medical Education & Technology Unit of N.K.P. Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital, Nagpur on 11th May & 12th May 2021 under able leadership of Dean Dr. Kajal Mitra. The participation for the workshop was restricted to only 20. Dr. Suresh Chari, Director, IQAC, MET & Research Cell, NKPSIMS & RC and LMH, Nagpur was the faculty for the program. Although it's always challenging to hold skill development workshop in the online mode, the faculty used a creative method of involvement. The participants were given assignments the previous day of day one, and the output sessions were given peer feedback as buddy responses. For day 2 situational assignments were given one-day prior which were peer evaluated & faculty gave tips to each participant on content, audience analysis and style. The participants benefited a lot since as UG students they have to make research presentation and seminars. The event was coordinated by Dr. Arti Kasulkar, MEU Member and Associate Professor, Department of Forensic Medicine & Toxicology, Dr. Madhur Gupta and Dr. Anne Wilkinson, Secretaries MEU.



## Topic: "Importance and Need for Intellectual Property Rights (Patenting)"

### DR KUMARESH KRISHNAMOORTHY

On 6th April 2021, an online guest lecture on "Importance and need for Intellectual Property Rights (Patenting)" by Dr. Kumaresh Krishnamoorthy, Partner with AUM Medtech, Chennai and Mentor for Health Technology at Atal Innovation center of IISER (Indian Institute of Science, Education and Research), Pune was conducted by Research Cell of N. K. P. Salve Institute of Medical Sciences & Lata Mangeshkar Hospital Nagpur. Dr. Yamini Pusdekar, Asst. Professor, Department of Community Medicine, was coordinator for the program and explained the need for IPR and patenting in Medicine in view of the fast paced developments in the Medical and Surgical fields. She also expressed gratitude towards Dr. Kumaresh and all the participants for actively participating in the session.



### INTERNSHIP ORIENTATION PROGRAMME 2021

Internship orientation programme for 2016 ABCD batch was organised by the department of community Medicine from 3.5.21 to 7.5.21. Due to Covid pandemic an online programme was conducted. Various sessions were delivered by the expert faculties from the institute. Sessions included were Universal safety precautions and hospital waste management, microbiological investigations, CPR, rational use of drugs, essential obstetric care, poly trauma, ethical and medico legal issues, organ donation, IYCF, epidemiology of Covid etc.

Rules and regulations regarding internship were explained by Dr. Meenal Kulkarni (Internship Incharge) and Dr. Ajeet Saoji (Prof and HOD Community Medicine dept). All faculties from Community Medicine dept worked hard to make the programme successful. The programme was attended by 138 interns.

### LATE DR. LEELA DUBE ORATION AND POST GRADUATE QUIZ "BASICS AND BEYOND OF SURGICAL TECHNIQUES IN OBSTETRICS AND GYNECOLOGY"

Dept. of OBGY N.K.P. Salve Institute of Medical Sciences Nagpur in association with NOGS organized Late Dr. Leela Dube Oration on 20/3/2021. The Oration was delivered by Dr. Poonam Shivkumar Verma Prof. and HOD of OBGY MGIMS – Sevagram on "Respectful Maternity Care". The Chairpersons were Dr. Manju Puri Prof. and HOD of OBGY Lady Hardinge Medical college New Delhi and Dr. D.N. Buhariwala, Chairman VSPM, Shri. Ranjit Babu Deshmukh and Dean N.K.P. Salve Institute of Medical Sciences Nagpur, Dr. Kajal Mitra were prominently present and they addressed the delegates. Dr. Gopal Dube Sir, Ex-Dean and a renowned Physician was also present. Dr. Anuja Bhalerao Prof. OBGY N.K.P. Salve Institute of Medical Sciences Nagpur and Dr. Vaidehi Marathe, President NOGS welcomed the delegates. Dr. Sulabha Joshi Prof. and HOD Dept. of OBGY N.K.P. Salve Institute of Medical Sciences, Nagpur paid tributes to Late Dr. Leela Dube madam. Dr. Sheela Jain Organising Secretary PG-FORCE 2021 introduced the speaker Dr. Poonam Verma. Late Dr. Leela Dube Memorial gold medal for the best outgoing UG student for scoring highest marks in OBGY was presented to Dr. Avantika Thombare. Dr. Savita Somalwar Asso. Prof. and Organizing Secretary proposed the vote of thanks and appreciated the contribution of all the Departmental staff and others who worked hard for the success of the program. The Oration was followed by Post Graduate Quiz - "Basics and Beyond of Surgical Techniques in Obstetrics and Gynecology". The teams from NKPSIMS, MGIMS Sevagram, GMC Nagpur, JNMC Sawangi, GMC Akola were participated. The Quiz masters were Dr. Anuja Bhalerao, Dr. Savita Somalwar, Dr. Sheela Jain, Dr. Kanchan Dwidmuthe and Dr. Nikita Vijay. The quiz was highly appreciated. All the teams were well prepared. The winners were N.K.P. Salve Institute of Medical Sciences Nagpur.



### LET'S TALK MENOPAUSE "AN AWARENESS PROGRAM ON MENOPAUSE"

The Department of Obstetrics and Gynaecology, Lata Mangeskar Hospital, Digdoh Hills, Nagpur had organized an awareness and educational program on Menopause "LET'S TALK MENOPAUSE" for Staff Nurses, Social Workers and Clerical Staff at NKP Salve Institute of Medical Sciences on 27th October 2020.

A Woman's life can be divided roughly into three stages,

1. Before Menarche (start of menses)
2. Menarche to Menopause (reproductive stage)
3. After Menopause

Out of all these stages, woman spends nearly 1/3rd of her life in post-menopausal stage. But this is the most neglected stage. We, Indian females have quite negligent attitude towards our health and we often hesitate to share our health problems. Hence, the Department of Obstetrics and Gynecology, Lata Mangeskar Hospital decided to take a small effort to create awareness regarding Menopause and related health issues amongst Staff Nurses, Social Workers and Clerical Staff at NKP Salve Institute of Medical Sciences. Under the able guidance of Dr. Sulabha Joshi (Professor and Head, Dept of OBGY) and Dr. Anuja Bhalerao (Professor and Unit In-charge, Dept of OBGY), program was well coordinated by Dr. Prajakta Junewar and Dr. Rohini Ramteke. Program started with inauguration and a key note addressed by Dr. Sulabha Joshi regarding importance of woman's health in wellbeing of whole family. The topics of the session were Introduction to Menopause, Preventive Care during Menopause, Role of Diet and Exercise during Menopause. The speakers were Dr. Rohini Ramteke, Dr. Kanchan Dwidmuthe, Dr. Varsha Kose and Dr. Sheela Jain. To maintain social distancing in this Covid era, only 28 delegates could be enrolled for this live program. The earnest and energetic participation by Staff Nurses, Social Workers and Clerical Staff lined up to the mission of this awareness program. Such small efforts can be a big step towards Safe Menopause for All. So, LET'S TALK MENOPAUSE..



### NEONATAL RESUSCITATION PROGRAM

NEONATAL RESUSCITATION PROGRAM 2020 was conducted by Department of Pediatrics on 22nd and 23rd October 2020 at Clinical Skill Lab at NKP Salve Institute of Medical Sciences And Research Centre And Lata Mangeskar Hospital, Nagpur. The Program was inaugurated by Dr. Kajal Mitra Sir, Dean NKPSIMS, in presence of Dr. Anjali Edbor Madam, HOD Pediatrics, Dr. Sulabha Joshi Madam HOD Obstetrics and Gynecology And Dr. Anjali Bhure Madam HOD Anesthesia and all staff members of department. It was attended by 33 Junior Resident Doctors of Department of Pediatrics, Department of OBGY, Department of Anesthesia. The program was instructed by Dr. Rizwan Ahmed, Dr. Snehal Korde, Dr. Roopal Khobragade under the guidance of HOD Pediatrics Dr. Anjali Edbor and Practical Examination judged by Dr. Girish Nanoti, Dr. Pradeep Pazare, Dr. Himanshu Dua. The Program included teaching seminar as power point presentation, videos illustrations, Hands on Maniquins along with pre-test and post-test and practical examination by seniors. The results and observations of Post-test and Practical examination showed significant improvement in the skills of management in Neonatal Resuscitation. The session was concluded by distribution of NRP completion certificate and Textbook of Neonatal Resuscitation 7th Edition. The program was conducted with all measures of social distancing, thermal screening & sanitization as per COVID-19 guidelines.





### PANEL DISCUSSION ON COVID VACCINES

COVID-19 is a virus which has spread quickly to many countries. Scientists and researchers have managed to produce vaccines to protect against COVID-19. Mis information and myths have been spreading fast regarding the vaccine and hence to sensitise the students an online panel discussion using Microsoft Team was organized on: Covid Vaccine" Myths and Challenges" for first year MBBS students 2020 Batch as apart of foundation course.

The panel lists were Dr.Ajeet Saoji, Professor and Head Community Medicine; Dr. Sunanda Chaoji, Associate Professor General Medicine and Dr. Umesh Hassani, Assistant Professor Microbiology respectively. The session was moderated by Dr. Kalpana Date, Associate Professor Department of Microbiology. Queries regarding types of vaccines, their mechanism of action, efficacy of vaccines, side effects and herd immunity were answered. Coordinator of the event was Dr. Manju Chandankhede from Biochemistry Department.



### PG FORCE 2021

The PG FORCE 2021 organised by Dept. of OBGY N.K.P. Salve Institute of Medical Sciences Nagpur in association with NOGS, a National virtual conference with the aim to apprise the post graduates for exams was held from 16th-19th March 2021. There were 16 case presentations, 8 skill stations and 2 table vivas in Obstetrics and Gynecology. Renowned National faculties were Prof. and HOD Dr. Manju Puri from Lady Harding Medical college, New Delhi, Dr. Asmita Muthal MAMC New Delhi, Dr. Poonam Verma Prof. and HOD Dept. of OBGY M.G.i.M. Sevagram Wardha, Dr. D. N. Buhariwala, Dr. Ajit Virkud. The other faculties were Dr. Sulabha Joshi, Dr. Anuja Bhalerao, Dr. Kshama Kedar, Dr. Sandhya Pazai, Dr. Pushpa Jhungare, Dr. Bangal, Dr. Vivek Joshi, Dr. Manjushree Waikar, Dr. Aparna Wahane, Dr. Neema Acharya, Dr. Diptee Shrivastava, Dr. Surekha Tayade, Dr. Varsha Kose, Dr. Savita Somlwar, Dr. Sheela Jain, Dr. Bhakti Gurjar, Dr. Rujuta Fuke, Dr. Parchi Dixit, Dr. Nikita Vijay, Dr. Kanchan Dwidmuthe, Dr. Madhuri Patil, Dr. Ashish Zararia, Dr. Moushami Tadas, Dr. Surekha Khandale.

About 160-170 students attended these meets daily. This program was highly appreciated by all the post graduate students of various colleges. The virtual meet was smoothly conducted by Dr. Amrita Singh, Dr. Sharvari, Dr. Priyanka and Dr. Snehal



### REMEDIAL ANUBANDH

Remedial Anubandh session was conducted for 2019 batch students who could not succeed in first year MBBS examination. Considering large number of failure students Remedial Anubandh session was planned for them. Failure students were analyzed and categorized for subject wise failure. They were mentored by faculties of respective subject in a single session.

Senior faculties were chosen for Remedial Anubandh to ensure proper guidance to students. Meeting with the faculties was conducted before the session. All faculties were oriented and guided regarding objectives of session through online platform.

Online session was conducted after forming what'sapp groups and with communication with students from 25th to 27th March. In the meeting, all the mentors guided the students about how to learn and keep motivated. Every faculty enforced about applied part of their subject.

Students requested part completion exam for the monfull course. Their requests were accepted. Students interacted freely and asked about their difficulties. All faculties asked students to give emphasis on application parts of the subject. In the student's reflections through google form, they commented that it was a good session for them and they got new insight about how to study and the approach towards examination.

The whole session was coordinated by Dr. Smita Pakhmode, Coordinator UG Anubandh, MEU under guidance of Dr. Suresh Chari, Dr. Madhur Gupta, Dr. Anne Wilkinson.



### STRATEGIES TO MONITOR AND ENHANCE STUDENT LEARNING - DR LATHA RAVICHANDRAN

Medical Education Technology Unit of N.K.P. Salve Institute of Medical Sciences & RC and Lata Mangeshkar Hospital Nagpur organized an online guest lecture on "Strategies to monitor and enhance student learning" by Dr. Latha Ravichandran, Associate Dean Education and Professor of Pediatrics, Sri Ramachandra Medical College and Research Centre Porur, Chennai on 24th March 2021. 33 teaching staff members participated in this interactive session. Dr Latha briefed about various tools like log books and involving mentors of mentor ship program to improve formative assessment, which can enhance student learning. Dr. Suresh Chari, Director of MET discussed various ethical issues related to categorisation of the low and advanced learners. Dr. Sushil Gawande, coordinator of the program explained the need of psychological assessment of slow learners. He expressed gratitude towards Dr. Latha Ravichandran and all the participants for actively participating in the session.





### WEB WORKSHOP ON PERIPHERAL ARTERIAL DOPPLER AND FOCUS ON DEMONSTRATION OF PRACTICAL TIPS, TECHNIQUES, HOW TO AVOID PITFALLS

Organised by department of Radiodiagnosis NKPSIMS and RC & LMH Nagpur in association with MSBIRIA and MCR was conducted on 12 July 2020. Dr. Kajal Mitra Dean NKPSIMS, Dr. Avinash Dhok HOD Radiodiagnosis department, Dr. Prashant onkar Associate professor, Dr. Shahu Associate professor were present.

#### The activities and highlight

A webinar was conducted for continuing learning in this unprecedented situation of COVID-19 for postgraduate students and also helpful for start-ups regarding Peripheral Venous Doppler and Arterial Stenosis, focusing mainly on demonstration of practical tips, techniques and how to avoid pitfalls. A presentation on basic techniques and signature of color Doppler which included color box steering, color scale setting, color gain setting, direction of flow, probe angling, spectral scale, gate, gain, filter, sweep speed was demonstrated. Presentation continued demonstrating venous patency, and spectral flow pattern in major arteries. Also Doppler evaluation of arterial side, patent AV fistula and venous side along with iliac artery occlusion, distal lower limb arterial flow and evaluation of right subclavian steal. Webinar concluded with faculty solving queries of students.

All the faculty members worked hard for the success of the programme.

### WORK SHOP ON "GARHAVASTHA AVAM YOGA" – PREGNANCY AND YOGA

A workshop on Yogasana in Pregnancy was conducted at Gynae OPD Seminar room, Lata Mangeshkar Hospital, NKPSIMS, Nagpur on 21st June 2021 by the Department of Obstetrics and Gynaecology, NKPSIMS, Nagpur. Workshop was conducted on the occasion of International Yoga Day for the awareness of benefits of yogasana during pregnancy as well as after that. Antenatal patients from ANC OPD attended the workshop. Dr. Sulabha Joshi, HOD Department of OBGY, explained all the participants about the importance of yoga in life and how it is helpful for the healthy body, mind and soul. Further, she explained about each limbs of ashtanga yoga and released the video on "Yog and pregnancy". Dr. Anuja Bhalerao Professor and UIC welcomed everyone whole heartedly to get the benefits of the program. Dr. Prachi Dixit demonstrated the asanas in pregnancy explaining benefit of each. Delegates performed the yogasanas voluntarily in a very interactive session. Dr. Sanyukta Dawle explained about all the Dos and Don'ts in yogasana for pregnancy and ended this program with vote of thanks. Dr. Sheela Jain was the master of ceremony in this program. All attendees gave a good feedback about their experience. Yogasanas in pregnancy are simple exercises with many benefits like peaceful mind, posture correction, relief from various aches and pains, decrease nausea of pregnancy, better blood circulation towards fetus, better endocrinal atmosphere around the baby and prepare patient for normal labour. Yog should be incorporated in antenatal care.



## INAUGURATION OF INFRASTRUCTURE

### DEPARTMENT OF ANATOMY

Inaugural function of Department of Anatomy was organized on 15/2/2021. Newly constructed Histology Lab for the 250 seats intake capacity was inaugurated by the hands of Senior Anatomist Dr. Sulochana Pathak, in the presence of our honorable chairman Mr. Ranjeet Deshmukh, respected working chairman Dr. Ashish Deshmukh, respected Dean Dr. Kajal Mitra and other dignitaries.



### INAUGURATION OF BONE LIBRARY

Inaugural function of bone library "OSSUARY" was held on 24th May 2021, in the Department of Anatomy. Inauguration was done at the hands of Working Chairman, Dr. Ashish Deshmukh Sir, in the presence of Hon. Dean, Dr. Kajal Mitra Sir, Vice Deans (Academic and Clinical) and other dignitaries. The Bone sets were donated by the Alumni Association, NKPSIMS & RC and LMH. The students will now be able to issue the bones. Dr. Mohana Majumdar, Director General Administration, Dr. Rajesh Dehankar, Assoc. Professor (Anatomy) and Dr. Sanjay Walulkar, Asso. Professor (Anatomy), worked towards setting up and organizing the inaugural function of the Bone Library.





### DEPARTMENT OF BIOCHEMISTRY

Inauguration of renovated Dept. of Biochemistry was done at the hands of Chairman VSPM AHE Hon. Shri. RanjitDeshmukh, working chairman Hon Dr. Ashish Deshmukh and Dean Dr.KajalMitra on 15th February 2021. Dr. B. Murrhar HOD, Biochemistry, GMC Nagpur was the Chief guest. After lighting the lamp, the guests inaugurated the renovated UG practical Biochemistry laboratory and other rooms of the department. HOD, Biochemistry, Dr. Madhur Gupta and her team thanked the management for the expansion of the lab and creating new rooms for teaching and the staff.



### INAUGURATION OF PHYSIOLOGY DEPARTMENT

The newly renovated department was inaugurated on 15/02/2021. The guest for the event was Dr. VijayaTajne, ex professor, GMC Nagpur. Honourable Chairman Shri. RanjeetbabuDeshmukh, working chairman Dr. Ashish Deshmukh and Dean Dr.KajalMitra graced the event. The new renovated Clinical laboratory was inaugurated at the hands of the Chairman Sir. Dr. Tajane inaugurated the Haematology laboratory. Both the laboratories are well equipped as per norms of NMC along with separate teaching area having facility of live streaming. A new research laboratory of 50m<sup>2</sup> area, departmental library and a demonstration room with internet facility and audio-visual aids have been made available. The Head of the department Dr. M. Sawane gave personal attention to the smallest of things and the other teaching and non-teaching staff members also took interest and worked hard in completing the target.



### DEPARTMENT OF MICROBIOLOGY

- ▲ Newly renovated department for 250 Students as per New NMC guidelines was inaugurated by Hon' Chaiman Shri RanjeetbabuDeshmukh & Dr. Ashish Deshmukh, working Chairman VSPMAHE.
- ▲ NABL accredited Molecular diagnostic laboratory for in house testing of COVID samples & Research on Molecular diagnostics was also inaugurated.
- ▲ Microbiology department is well equipped with automated blood culture system.



### DEPARTMENT OF PATHOLOGY

Automation in the histopathology section! A long awaited dream ultimately fulfilled by the management, and the hard work of Dr S.D. Mahore and the purchase committee of our department. The inauguration of instruments took place on the 15th of Feb 2021, in the august presence of chairman sir, Dr RanjeetDeshmukh, acting chairman Dr Ashish Deshmukh, Dean Dr KajalMitra, at the hands of our very first Head Of Department Dr H.M. Siddiqui, with him, it is a journey down memory lane. A lamp-lighting ceremony by the dignitaries amongst the colourfully dressed staff with lot of gayety and cheer. The Head Of Department Dr S.A. Maimoon briefed about the automation in the histopathology section followed by the well-trained technical staff. The occasion and the ceremony came to an end with the hope for a very bright innings for Pathology in the future.

The practical hall in the Department of Pathology "a long cherished dream" for all of us, was inaugurated at the hands of acting chairman VSPMAHE Dr Ashish Deshmukh in the presence of Hon. Dean Dr KajalMitra Sir and other dignitaries, along with the staff of Department of Pathology on 24th May 2021. The hall was elegantly set up as per the NMC (National Medical Council) requirements with new binocular microscopes on granite top tables fitted with sinks. The lamp was lit by the dignitaries to mark the inauguration of the new hall.





### INAUGURATION OF PHARMACOLOGY DEPARTMENT

Hon'ble Chairman - Shri RanjitDeshmukh, Hon'ble Working Chairman- Dr. Ashish Deshmukh, Hon'ble Secretary, Hon'ble Treasurer and other members VSPM AHE, Nagpur, Dean Dr.KajalMitra, Vice DeanDr.Thombre, HOD Pharmacology Dr.Archana S. Borkar, Dr Tanvir Khan, HOD Pharmacology Rajnangaon (as a guest), HODs from Pre & Para Clinical Department & Teaching staff of Pharmacology department were present to grace the occasion.

The week of events that culminated in the Inauguration of Computer Assisted Learning Lab, Museum, & Clinical Pharmacology Lab of pharmacology department.



### DEPARTMENT OF OPHTHALMOLOGY

An Inaugural function of the Perimetry Machine (Glaucoma Diagnostics) in the Department of Ophthalmology was organized on 22 nd Feb 2021.Hon` ble chairman RanjitbabuDeshmukh inaugurated it by cutting ribbon.This occasion was graced by the presence of working chairman AashishDeshmukh, Dr.Dube Sir ,BhausahBhoge-Founder VSPM, Dr KajalMitra-Dean , Dr. V. Thombare-Vice Dean and other dignitaries . Dr RekhaKhandelwal, Prof and Head, Department of Ophthalmology welcomed all the dignitaries and briefed about the ongoing glaucoma clinic and need of the second perimeter which was installed looking at the demand of the glaucoma patients in the department.



### DEPARTMENT OF GENERAL SURGERY

On Monday the 22nd of Feb. 2021; following facilities were inaugurated in the Dept. of General Surgery.

1. Surgical Intensive Care Unit (SICU)
2. Surgical Endoscopy Unit
3. Operation Theatre Complex: -
4. Hon'ble chairman Shri RanjitDeshmukh inaugurated the surgical ICU.Working Chairman Dr. Ashish

Deshmukh, Guest of Honour Dr. Gopal Dube& Hon'ble BhausahBhoge were present during the inauguration.

Dr. Nitin Wasnik, Prof. & Head of the Dept. of General Surgery welcome the dignitaries. Dr. Nitin Deosthale briefed the chairman shriRanjitDeshmukh regarding the current requirement of ICU's in Medical Colleges in various departments while Dr. Nitin Wasnik gave details about the facilities available in the ICU.Hon'ble Chairman Shri RanjitDeshmukh was highly pleased with the availability of the Endoscopy facility.Dr. Rajiv Sonarkar, Asso. Prof. in General Surgery gave demonstration of Upper GI Endoscope & Colonoscope. Dr. M. A. Akhtar welcomed all the dignitaries in the O.T. Complex & detailed about all the newly added facilities in the O.T. Complex. Dr. Anjali Bhure, Prof. & HOD Anesthesiology was also present during the occasion.

### INAUGURAL FUNCTION OF COMMUNITY MEDICINE DEPARTMENT

An inaugural function of Department of Community Medicine was organised on 15th Feb 2021. Hon'ble chairman RanjitbabuDeshmukh inaugurated the department by ribbon cutting. This occasion was graced by presence of working chairman Dr. Ashish Deshmukh, Dr.KajalMitra -Dean, Dr.V. Thombare- Vice Dean, Dr.Dhanorkar- Administrative Officer, Dr. Nitin Deosthale – PG Incharge, Dr. Manish Sawane – PG Cell Incharge and Dr.LokeshGotmare –Senior Administrative Officer. Dr.AjeetSaoji, Prof and Head, Department of Community Medicine formally welcomed all the dignitaries by floral bouquet and addressed about the ongoing work and activities being conducted by the department. Dr. Deoke, Prof. had given insight about the upgradation of department such as Museum, 3 new lecturer rooms and demo rooms. New logo for the Department of Community Medicine was also inaugurated with lamp lighting followed by Hi-Tea.



### HIGH RISK OBST & GYN ICU

The Department of Obstetrics & Gynaecology, N.K.P Salve Institute of Medical Sciences & Research Centre and LataMangeshkarHingna Nagpur inaugurated 20 bed High Risk OBGYN ICU on 22ndFebruary 2021 Monday. The inaugural was by the hands of, Founder Shri BhauSahebBhoge, Chairperson RanjitDeshmukh, Acting Chairperson Dr Ashish Deshmukh. The inagural was well coordinated with the help of Dr AnujaBhalerao acting HOD of the department Dr Savita Somalwar, Dr Amrita Singh, DrRohiniBhoyar, DrPrajakta showed the fully equipped high risk obsgyn and talked about how this facility would be availed not only by the poor but by everyone. It would cater all high risk obsgyn patient requiring intensive monitoring, ventilatory support and care. The ICU has central AC, oxygen supply and lighting and all the latest technologies and top tier facilities. Dean Dr KajalMitra, M.S.DrMurtaza Akhtar and various other dignitaries also attended the inaugural. There was also simultaneous live broadcast of the inaugural on Facebook too.



INAUGURATION OF PEDIATRICS COVID WARD

In view of rising cases of COVID 19 infection and speculation of 3rd wave of COVID 19 Infection affecting children more, under the able guidance of Dean Dr. KajalMitra NKPSIMS & LMH with support of management VSPM, A dedicated Paediatrics COVID ward was inaugurated by the Hands of Hon'ble chairman VSPM Shri. RanjeetDeshmukh on 29th May 2021. To grace this function Dr. Ashish Deshmukh working Chairman VSPM, Prof. YuvrajChalkhor Secretary VSPM, Mrs. RupataiDeshmukh, Vice Dean Dr. Nitin Deosthale, Dr. V. Thombre , Dr. Tanuja Manohar Professor in Medicine, Dr. VikasDhanorkar Director (Hospital Administration), Dr. Hedau , Matron Rita John were present.

On the occasion Dr. Girish Nanoti Professor & HOD of Department of Paediatrics highlighted about the dedicated Paediatrics COVID ward. It is to the capacity of 38 Beds with oxygen facility to 30 beds. The ward is divided into 4 compartments and made ambient for kids with toys & colorful paintings.

Workshop on Pediatric COVID management & Hands on Training on Oxygen Delivery Devices was conducted for PHC Medical Officer, CHO, Nurses, ANM from 7th June 2021 to 16th June 2021



INAUGURATION OF MICU

The newly constructed of MICU was inaugurated on 22/02/2021 by Dr. G. K. Duby (Ex Dean of NKPSIMS & LMH, Nagpur), Hon'ble Chairman, VSPM AHE, Shir. RanjeetDeshmukh, Hon'ble working Chairman, VSPM AHE, Dr. Ashish Deshmukh, Hon'ble Dean, NKPSIMS & LMH and Dr.KajalMitra graced the occasion. Dr. Mrs. N. R. Humaney Professor & HOD General Medicine and entire faculties including residents of Medicine department were present on occasion.

Newly inaugurated 20 beded MICU has modern 20 ICCU bed, 20 Cardiac Monitors, Central O2& Suction System, Defibrillator, Echo Machine. The dedicated team of doctors & nurses are available round the clock for treating the patient, under supervision of super specialist doctor eg Cardiologist, Neurologist, Nephrologist. These patients are also getting benefit of treatment under Govt. schema like MJPYJ &Aushman Bharat Yojna.

CENTRAL LIBRARY

The NKPSIMS &RC and LMH Library is a 'State of Art', spacious & well stacked Library spread over 33000 sq. ft. area. Open from 9 a. m. to 8 p. m .Outer Reading room of Library open overnight for students. It is fully automated Library with 'RFID'. Total seating capacity in the Library is 743 with a separate seating arrangement for teachers, postgraduates & under graduates. The Library is centrally 'Air-conditioned'.

Air conditioned E-Library with 70 computers is available. VCDs, CDs & DVDs on various medical subjects are also available. Library has an adequate stock of undergraduate & postgraduate text & reference books along with national & international journals in print & E- versions. Several magazines & 7 news papers are also available.

The Library is subscribing to 'Clinical Key' package of 'Elsevier Health Science' Which includes 600+ full text e-journals, 1000+e-books, drugs database, CMEs & other subject specific e-content from leading & reputed medical publisher like 'Elsevier'. The Library is 'automated' with a management software named 'Synchronik'.

The grand inauguration took place on 22/02/2021 at the hands of Hon` ble chairman Shri RanjitbabuDeshmukh and in the presence of working chairman Dr.AshishDeshmukh, Shri BhausahBhoge-Founder Secretary VSPM ,Ex. Dean Dr. Gopal Dubey, Dr KajalMitra-Dean NKPSIMS & RC and LMH , Dr. V. Thombare-Vice Dean and other dignitaries



Total No. of Books	Text	Reference	Journals
25588	9975	14613	586

Total No. of Journals	National	International	print	E-journal's
586	82	17	99	487



### OTHER CAMPUS AREAS

The following areas in the college campus were recently renovated and inaugurated on 24th May 2021 at the hands of Working Chairman VSPMAHE Dr Ashish Deshmukh in the presence of Dean Dr Kajal Mitra, Vice Deans Dr Vilas Thombre and Dr Nitin Deostale, Director Hospital Administration Dr Dhanorkar, Mr Sudhir Deshmukh Treasurer VSPMAHE and Senior Administrative Officer Dr Lokesh Gotmare.



The newly renovated boys and girls common rooms on the ground floor were inaugurated. Locker facilities are present in both the common rooms for the students

The new Creche was also inaugurated, above the girls common. This Creche is for the children of staff members. It is equipped with cradles with mattresses, toys, hot plate and a feeding area. CCTV camera monitoring facility is present.

### INAUGURATION OF LAUNDRY

A well-equipped laundry with two 30 kg washers, one 6 kg washer, two 28kg driers, one 10 kg drier and ironing facility was inaugurated. The laundry also has CCTV monitoring. Mr Prakhar Pincha Incharge of the Laundry section was present with his dedicated staff.



## INSTITUTIONAL COMMITTEES

### ANTI RAGGING COMMITTEE

Chairman	: Dr. Kajal Mitra
Member Secretary	: Dr Suresh Chari
Members	: Dr V Thombre, Dr M Sawane, Dr H T Kanade, Dr D DKsheersagar, DrSulabha Joshi, DrMadhur Gupta, DrTanujaManohar, DrSatishDeshmukh, Dr Anne Wilkinson, DrSushilGawande, Dr. ArtiKasulkar, Dr. RakhiTirpude, Dr. AnujaBhalerao, Dr. ShilpaHajare, Dr. BhavanaBhirudTeacher Incharge SWA, All Wardens-Boys and Girls Hostels, Dr A Deoke Teacherincharge Hostel, Security incharge, President and Secretary-Students' Association, Class Representatives of I, II , III and Final MBBS, Special Invitees- Two parents, Representative of Police Commissioner, Mr Deepak Minaria member NGO
Number of meetings:	Two regular

The Institution follows the policy of zero tolerance to ragging.

"Medicine" is a noble profession. Its members are revered for human values, compassion and consideration for their fellow beings. Every medical student should therefore learn to be self disciplined and observes the rules of the institute as a matter of habit rather than because of fear of consequences. They must at all times conduct themselves with proper dignity and decorum expected of a budding doctor. One action not befitting the profession of a doctor which is an act of a sick mind is "ragging"

Ragging has ruined countless innocent lives and careers. In order to eradicate it, Hon'ble Supreme Court in Civil Appeal No. 887 of 2009, passed the judgment wherein guidelines were issued for setting up of a Central Crisis Hotline and Anti-Ragging database.

In accordance with the orders, UGC (University Grants Commission), Govt. of India has developed guidelines which are followed by the institute. Salient features are:

1. Primary responsibility for curbing ragging rests with academic institutions themselves.
2. Ragging adversely impacts the standards of higher education.
3. Enrollment in academic pursuits or a campus life should not immunize any adult citizen from penal provisions of the laws of the land.
4. Ragging needs to be perceived as failure to inculcate human values from the schooling stage.
5. Behavioral patterns among students, particularly potential 'raggers', need to be checked
6. Measures against ragging must deter its recurrence.
7. Media and the Civil Society should be involved in this exercise.

College has taken various precautions to prevent ragging and ensure 100% no-ragging in 2019



The institute strictly follows the regulation guidelines laid down by Hon Supreme Court, UGC / MHRD, MCI & MUHS. Accordingly the following activities have been carried out to make the campus "Zero tolerant towards ragging".

1. On the day of entry all MBBS students were given booklet clearly stating the anti ragging laws, what constitutes ragging & what to do in case of an event of ragging.
2. The composition of anti ragging committee that meets twice annually & as and when required, is as per UG guideline with members from local police station & NGO in addition to college members.
3. Undertaking is taken from all students, parents, teaching & nonteaching staff on their role to prevent ragging & that they are aware of the consequences of ragging.
4. Data base of all students & parents with name, address & telephone no.
5. Additional undertaking from Hostel Students & staff.
6. Forming of an Anti Ragging squad in the Hostel. Appointment wing wise & floor wise monitors in Hostel.
7. Posters on anti ragging displayed at prominent location.
8. Online submission of undertaking by students & parents to UGC
9. Sensitization of students about ill effects & consequences of ragging done during Dean Addresson 1st Feb 2021.
10. Anti ragging reporting done to UGC, MCI & MUHS

### BIOETHICS COMMITTEE REPORT

The Bioethics Committee was reconstituted in March 2021 as under –

Dr. Kajal Mitra	Dean	Chairman
Dr. Shubhada Deshmukh	Prof. Anaesthesiology	Head
Dr. Suresh Chari	Director, IQAC	Advisory Board Member
Dr. Manish Sawane	Incharge PG Cell	Advisory Board Member
Dr. Madhur Gupta	Incharge UG Cell	Advisory Board Member
Dr. A. Deoskar	Legal Advisor	
Dr. Shilpa Kuthe	Asso. Professor, Gen. Med	Member Secretary
Dr. Mohana Majumdar	Director, General Administration	Member
Dr. Avinash Dhoke	Prof. & HOD, Radiology	Member
Dr. Charuta Gadkari	Prof. Anaesthesiology	Member
Dr. Rajiv Sonarkar	Asso. Prof, Gen.Surg	Member
Dr. Sushil Gawande	Asso. Prof, Psychiatry	Member
Dr. Amit Date	Asso. Prof, Pharmacology	Member
Dr. Pranjali Rathod	Asst. Prof, Anatomy	Member
Dr. Shadma Quazi	Asst. Prof, Pharmacology	Member
Dr. Deepa Kumar	Asst. Prof, Ophthalmology	Member
Mr. Hemant Borkhade	Undergraduate Student	Student Member

Report –

Since 2019 batch, the modules of Bioethics have been incorporated by National Medical Council (NMC) in their Undergraduate Competency Based Medical Education(CBME) curriculum which has been adopted by Maharashtra University of Health Sciences(MUHS) to be implemented by respective institutes.

Likewise, NKP SIMS & RC and LMH, since 2019 has been conducting these sessions phase-wise in the following manner –

Phase I –

1. Respect the cadaver
2. Doctor – Patient relationship

Phase II –

1. Patient's autonomy and Decision making
2. Patients autonomy, beneficence, non-maleficence and justice.
3. Patients rights & shared responsibilities.
4. Physician's role and responsibility to society.

Phase III –

1. Confidentiality & its limits
2. Fiduciary duties of doctor

Phase IV –

Medico-legal and ethical conflicts

- a. In adolescents
- b. Pertaining to organ donation
- c. Doctor industry relationship

Of these, phase I of 2018 batch of undergraduate students has been implemented and phase II is underway. Phases III and IV will be implemented when the batch reaches that phase.

In keeping with this, Department of Anatomy held the Cadaveric Oath Ceremony for newly joined students on 04/02/2021. Dean Dr. Kajal Mitra, Director MET and Research Dr. Suresh Chari and staff members of Anatomy attended the function.

The cadaveric oath is worded thus -

I do solemnly pledge that

I will treat this once living person with compassion and dignity.

I will show due respect and gratitude towards this cadaver who will always remain my First teacher.

I will pay gratitude towards the next of kin of the donor for their endeavors in serving society selflessly even after death.

I will consider this as the best example of living after death. To always emulate this act





of the donor to provide quality health service to society and to enhance the lives of all mankind.

Apart from these, during the Foundation Course conducted for the fresh undergraduate entrants, NKP SIMS & RC and LMH has conducted specific guest lectures on various subjects as follows –

1. Principles of Bioethics by Dr. Shubhada Deshmukh, Prof. Dept of Anaesthesiology, NKP SIMS & RC and LMH
2. Organ Donation by Dr. Ravi Wankhede, Honorary Director of MOHAN (Multi Organ Harvesting Aid Network) Foundation, Nagpur Centre and member of ZTCC (Zonal Transplant Coordination Centre), Nagpur (Govt. of Maharashtra)
3. Value Education by Dr. Sudhir Bhawe, Prof. Dept of Psychiatry, NKP SIMS & RC and LMH  
Two faculty members namely, Dr. Shubhada Deshmukh, Prof. Dept of Anaesthesiology, NKP SIMS & RC and LMH and Dr. Charuta Gadkari, Prof. Dept of Anaesthesiology, NKP SIMS & RC and LMH have successfully completed "The International Certificate on Principles of Bioethics and Human Rights of the UNESCO Universal Declaration on Bioethics and Human Rights in Medical and Health Science Education".

#### BORS Committee

##### University level

- ▲ Chairman : Dr. Kajal Mitra
- ▲ Member : Dr. Ajeet Saoji
- ▲ Subject Expert : Head of respective departments

##### Committee, Institutional Level

- ▲ Dr. V. Thombre : Vice Dean
- ▲ Dr. S. Chari : Director, Research & MET cell
- ▲ Dr. Sawane : Prof & Head Physiology
- ▲ Dr. M. Gupta : Prof & Head, Biochemistry
- ▲ Dr. S. Deshmukh : Prof, Anaesthesiology
- ▲ Dr A. Kawthalkar : Prof, OBGY
- ▲ Dr. A. Deoke : Prof, Community Medicine
- ▲ Dr. M. Kulkarni : Asso Prof, Community medicine
- ▲ Dr. S. Hajare : Asst. Prof, Community Medicine
- ▲ Dr. S. Khaddkar : Asst. Lecturer, ENT
- ▲ Mr. J. Nayse : Asst. Prof, Community Medicine

Meeting held: Yearly

#### CAMP UNIT

- Chairman : Dr. Ajit Saoji
- Co-Chairman : Dr. Anirudha Deoke
- Member Secretary : Dr. Anuprita Bhadage
- Member : Mr. Ramesh Ramtekar
- Aims & Objectives : As outreach health activities department of Community Medicine, NKP Salve Institute of Medical Sciences & Research centre and Lata Mangeshkar hospital, Hingana, regularly conducts health camp in and around Nagpur districts.

The main purpose of these camps is to reach and serve the poor and needy people who do not have access to the health facility easily. For these camps, senior doctors' team from the entire specialty is available. In the camp hospital provides free medicines, investigations and referral to the patients to the tertiary care hospital.

Meeting held: Quarterly

#### CENTRAL LIBRARY

New NKP SIMS & RC Central library is well organized and digitalized library to fulfil all the study materials required for students as well as teachers, It is divided into outer and inner section, Outer section is for 24 hour. Inner section has separate UG and PG reading room, e-library under coverage of AC with good sitting arrangements. It has got good feedback from teachers of various departments, students, as well as inspector who have visited during various inspections. There are lots of improvement done as below

- ▲ Following improvements are done in this year:
- ▲ Number of New books purchased : 270 Total
- ▲ Number of Journals Subscribed: 105 Total
- ▲ Online Medical Journal Database Subscribed: 'Clinical Key', Database
- ▲ E Books: 1000 no.
- ▲ E Journals: 148 no. (Download, saved and make it available for Students and Staff in digital library.)
- ▲ Reading room seating capacity increased to 500 for UG, 152 for PG, 30 for teaching staff well organized sofas  
Separate electrical slots are also there to handle laptops
- ▲ Various Facility: Wi-Fi, Scanning, Printing, Photocopying and OPAC Facilities are available
- ▲ There is a Separate section for cafeteria
- ▲ Reading facility: outer reading rooms : 24 Hours
- ▲ No. of Meetings: 3

##### Important agenda discussed in these meetings

Date : 19/10/2020

1. Annual Physical verification of departmental libraries & NKPSIMS Library, 2018, report submission
- ▲ There are 14 departmental Libraries who have books missing, out of 14, there are 'eight' departmental libraries





## COLLEGE COUNCIL

Chairman	: Dr. Kajal Mitra, Dean
Member Secretary	: Dr. Suresh Chari
Members	: Vice Dean, Medical Superintendent LMH & RHTC Katol, ALL Heads of department, In charge PG,UG cell & Hostel Administrative Officers , Matron , President SWA

The College Council's role is to establish and monitor systems and processes to set strategic direction; establish the purpose, values, goals and objectives of the college; identify and manage risk; manage performance expectations and monitor achievement against these. The college council is the custodian of all the activities of the institute & hospital. It is a supreme body that consciously and judiciously looks into following matters without bias and prejudice.

1. Incorporate the mission, vision, goals and planning for funding of the college;
2. Strategic development
3. Financial leadership & Management
4. Teacher-student related matters
5. Patient and health care issues
6. Provision of facilities & resources
7. Ensure that the college complies with the accreditation requirements

The college council meets on first Wednesday of every month in the college council hall to discuss the actions taken of the previous meeting and agenda of the present meeting.

Frequency of Meeting : Monthly

Few important decisions taken in 20-21 are as follows-

1. Support innovation in teaching – learning, research initiatives,
2. Fire safety training in campus
3. One new academic award instituted by Microbiology
4. State of the art library
5. Students personality development programs
6. Moving ahead for NAAC

in which missing books are costing more than Rs.1000/- & hence out of permissible criteria

2. I – Card printing in new version of software.
  - Mr. Satpute stated that this is true & Library staff does not have the rights to 'personal detail information' of new faculty. He further stated that H.R department will provide all the details of the new teaching staff along with the 'Employee code' to Library, so that they will be able to print the I-cards for new teaching staff in future.
3. Minutes of Manpower Review Meeting in August 2020 & submission of ATR/compliance report.
  - CCTV cameras of NKPSIMS Library should be fully functional & proper monitoring should be done by security guards & Librarian during night hours.
  - Meeting was giving 'memos' to Ms.Shakun Dhakne, sweeper & Ms.Padma Bhatia attendant. Regarding this Librarian informed to the members that I have spoken to Mr. Khangar regarding this issue & it will be carried out in co-ordination.
4. Books Purchase Recommendations 2020.
  - All the members agreed to submit the List of recommended books to Mr. Shashi Kumar of Purchase department for further action.

**Date: 18/08/2020**

1. Implementation of 'RFID' security system in NKPSIMS Library
  - All the members were of the opinion that this security system can be implemented in NKPSIMS Library, after shifting to the new premises. Librarian was directed to put up a 'proposal' for the same.
2. Binding of NKPSIMS Library books & Journals
  - This was brought to the notice of committee & Librarian requested that a 'Binder' must be finalized & 'Order' for binding should be issued urgently. All the members agreed to this & Mr.Shashi Kumar was directed to do the needful on priority basis.

**Date: 15/06/2021**

1. Books purchase order 2020-2021.
  - Committee members are told that the order for books to these 3 suppliers should be given.
2. Stock Verification 2021
  - RFID departmental work done, Yearly stock verification of central library should be start after university examination but the departmental library stock verification can be start from next week.
3. Complimentary books
  - 126 books received from different department as complimentary books should be entered in library stock register so that number of books increased. Librarian informed that these books will be listed as gifted books.
4. Naac information updation
  - Weeding policy – weeding of book discussed in the meeting. Chairman ask librarian to find out the number of books weeded out every years. Provide some documentary proof so that we can frame our policy of weeding of books every year.
  - Student's representative as per NAAC in Library committee. This point is discussed and finally decided the one representative from 2nd year UG& PG member should be included.



### DEATH AUDIT COMMITTEE

Chairperson	Dr.Mrs. SabihaMaimoon, Professor & HOD Dept. of Pathology
Co- Chairperson	Dr.Mrs. Anjali Patrikar, Associate professor, Dept .of Pathology
Secretary	Dr.Mrs. ArtiNade, Associate professor, Dept of FMT
Members	<ol style="list-style-type: none"> <li>1. Dr. H.T Kanade</li> <li>2. Dr.Mrs. N.R. Humney</li> <li>3. Dr. Vivek Pande</li> <li>4. Dr.Rajesh Sonarkar</li> <li>5. Dr. MohanaMujumdar</li> <li>6. Mr. J. G. Nayase</li> </ol>

No. of Meetings with dates : Due to the pandemic no. of meetings held in 2020 – 2021 were only 2.

1. July to December 2020- held on 15/01/21
2. Jan to March 2021 - held on 18/06/21

Committee Report : We had 02 death audits during this year. The cases were scrutinized & selected by the committee members.

1. We had the first online webinar on death audit of COVID-19 positive cases during the pandemic for the months of July to Dec. 2020. It was a panel discussion chaired by Dr. M. Akhtar (M.S.) . The panelists were Dr. TanujaManohar from Medicine department and Dr. ShubhadaDeshmukh, from department of Anaesthesia
2. Audit for the months January to March 2021 was held in the department of Medicine. The younger patients affected in the second wave of pandemic had respiratory failure with systemic complications. The meetings were well attended by the teaching staff & residents.

### DROP BOX COMMITTEE REPORT

Chairman - Dr. H. T. Kanade

Members:-

1. Dr. Mrs. Archana Joshi
2. Dr. Suresh Chari
3. Dr. Ajit Saoji
4. President Teachers Association
5. Teacher I/C (Chairman) Students Welfare Association
6. A.O. NKPSIMS & RC and LMH , Nagpur

NO. OF MEETINGS HELD WITH DATES - 08

1. Drop Box Committee Meeting dated 31st July 2020
2. Drop Box Committee Meeting dated August 2020 to November 2020
3. Drop Box Committee Meeting dated 30th December 2020
4. Drop Box Committee Meeting dated 30th January 2021
5. Drop Box Committee Meeting dated 27th February 2021
6. Drop Box Committee Meeting dated 31th March 2021
7. Drop Box Committee Meeting dated 30th April 2021
8. Drop Box Committee Meeting dated 02nd June 2021

### DRUG AUDIT COMMITTEE

Patron : Dr. Kajal Mitra, Dean ,N.K.P.SIMS & RC & LMH, Nagpur.

S.N.	Nomination	Name
1	Chairperson	Dr.(Mrs) Borkar, Prof & HOD, Pharmacology
2	Co-Chairperson	Dr. (Mrs) Humney, Prof & HOD, Medicine
3	Member Secretary	Dr. M. Borkar, Prof & HOD, Skin & VD.
4	Member	Dr. A. Dhok, Prof & HOD, Radiology
5	Member	Dr. M. A. Akhtar, Prof & HOD, Surgery
6	Member	Dr. (Mrs) S. Joshi, Prof & HOD, OBGY
7	Member	Dr. N. Mujawar, Prof & HOD, Paediatric





S.N.	Nomination	Name
8	Member	Dr. Tayade, Prof & HOD, Pulmonary Medicine
9	Member	Dr. Mankar, Prof & HOD, Orthopedics
10	Member	Dr.(Mrs) A. Bhure, Prof & HOD, Anesthesiology
11	Member	Dr. Harkare, Prof & HOD, ENT.
12	Member	Dr. Vivek Kirpekar, Prof & HOD, Psychiatry
13	Member	Dr. Khandelwal, Prof & HOD, Ortho

#### No. of Meeting Held : 4 (Quarterly Meeting)

#### Role of Drug Audit Committee

Prescribing errors are common, they may result in adverse events and harm the patients. It is unclear how best to prevent them because recommendations are more often based on surmise than collected data. These include lack of training or experience, fatigue, stress, high workload for the prescribers and inadequate communication between healthcare professionals, Latent conditions include reluctance to question senior colleagues and inadequate provision of training. Prescribing errors are often multifactorial, with several active failures and error-provoking conditions often acting together to cause them. Seeking potential ways of reducing error, needs to be conducted, and Multifactorial interventions across many parts of the system are likely to be required.

#### Role of "Drug Committee"

1. To monitor prescription practices.
2. To provide "Drug information services" in conjunction with Pharmacovigilance programme
3. To maintain a collection of CIMS, MIMS, Pharmacopeias, E-journals.

#### EXAMINATION CELL

#### Examination Committee Composition

Sr.No.	NAME	DEPARTMENT	DESIGNATION
1	DR. D.P. Onkar	ANATOMY	In-charge
2	DR. A.R. Deoke	P.S.M.	Deputy In charge
3	DR. R.N. Dehankar	ANATOMY	Deputy In charge
4	DR. T.R. Shende	PHARMACOLOGY	Member
5	DR.S.M. Walulkar	ANATOMY	Member
6	DR. RakhiTirpude	PHYSIOLOGY	Member
7	DR. UjjwalaDehankar	MICROBIOLOGY	Member
8	DR. M.S. Walulkar	PHYSIOLOGY	Member

Sr.No.	NAME	DEPARTMENT	DESIGNATION
9	DR. ShaileshWakde	F.M.T.	Member
10	DR. VidulaGowardhan	PATHOLOGY	Member

- July 2020** - As per the guidelines of MUHS, exam was to be conducted by social distancing due to Covid 19. Hence new set up was made at Matoshree auditorium as per MUHS requirements.
- August 2020** - MUHS Summer 2020 Post graduate Theory examination was conducted from 25/08/2020 to 31/08/2020. Team comprised of Centre In-charge Dr. D. P. Onkar Prof & head Anatomy, Internal Vigilance Squad Dr. VidulaGowardhan Lecturer Pathology, Senior Supervisor Dr. TanajiShendeAsso. Prof. Pharmacology. Theory exam was successfully completed.
- September 2020** - MUHS Summer 2020 Undergraduate Theory examination of First MBBS old course and Final MBBS was conducted from 08/09/2020 to 21/09/2020. Team was same as August 2020.
- October 2020** - MUHS Summer 2020 Modern Mid level Service Provider Certificate Course Theory examination was conducted from 19/10/2020 to 21/10/2020. Team comprised of Centre In-charge Dr. D. P. Onkar Prof & head Anatomy, Internal Vigilance Squad Dr. M. K. TabhaneAsso. Prof Anatomy, Senior Supervisor Dr. TanajiShendeAsso. Prof. Pharmacology. Theory exam was successfully completed.
- November 2020** - MUHS Summer 2020 Undergraduate Theory examination of 2nd and 3rd (I) MBBS was conducted from 27/10/2020 to 9/11/2020. Team comprised of Centre In-charge Dr. D. P. Onkar Prof & head Anatomy, Internal Vigilance Squad Dr. VidulaGowardhan Lecturer Pathology, Senior Supervisor Dr. R. N. DehankarAsso. Prof. Anatomy.
- December 2020** - MUHS Summer 2020 Undergraduate Theory examination of 2019 Batch MBBS was conducted from 7/12/2020 to 18/12/2020. Team comprised of Centre In-charge Dr. D. P. Onkar Prof & head Anatomy, Internal Vigilance Squad Dr. R. N. DehankarAsso. Prof. Anatomy, Senior Supervisor Dr. A.C. Fulse Asst. Prof Anatomy.
- January 2021** - MUHS Central Assessment Programme(CAP) was conducted from 4/01/21 to 28/1/2021. Team comprised of CAP custodian Dr. TanajiShendeAsso. Prof. Pharmacology, Assistant CAP Custodian Dr. DehankarAsso. Prof. Anatomy, Scrutinizer Dr, S. M. WalulkarAsso. Prof. Anatomy
- March 2021** - MUHS Winter 2020 Undergraduate Theory examination of Final MBBS was conducted from 8/3/2021 to 24/03/2021. Team comprised of Centre In-charge Dr. Meenal Kulkarni



Asso. Prof PSM, Internal Vigilance Squad Dr. ArtiNardeAsso. Prof. FMT, Senior Supervisor Dr.A.C. Fulse Asst. Prof Anatomy.

- April 2021** - MUHS Central Assessment Programme (CAP) for Final MBBS was conducted from 5/04/21 to 15/04/2021. Team comprised of CAP custodian Dr. S. M. WalulkarAsso. Prof.Anatomy, Assistant CAP Custodian Dr. R. Badwaik, Asso. Prof. Pharmacology , Scrutinizer Dr, M.S. WalulkarAsso. Prof. Physiology.
- May 2021** - Preliminary examination of Post Graduate students was conducted from 6/05/21 to 12/05/21.
- June 2021** - MUHS Winter 2020 Undergraduate Theory examination of Second and Third (I) MBBS, First MBBS 2019 Batch and Modern Mid level Service Provider Certificate Course was conducted from 10/6/2021 to 23/06/2021. Team comprised of Centre In-charge Dr. Dr. M. K. TabhaneAsso. Prof Anatomy, Internal Vigilance Squad Dr. AmrutaDashputraAsso. Prof.Pharmacology , Senior Supervisor Dr.A.C. Fulse Asst. Prof Anatomy.

During all the examinations following non teaching staff from Anatomy were deputed for various duties –

1. Anita Narnaware – Clerk for all MUHS Theory & CAP
2. Mr. Vishwajit Paikrao -- Data Entry Operator for all CAP
3. Mr. Ramesh Barde—Peon & Hamal
4. Mr. Gajanan Kadu-- Attendant for CAP
5. Vanita Yergulwar-- Bell Man, Sweeper

#### GENDER GRIEVANCE COMMITTEE

**Chairperson** : Dr. Kajal Mitra, Dean, NKPSIMS, Nagpur  
**Co-chairperson** : Dr. (Mrs) S. D. Mahore  
**Members** :

1.	Dr. Kajal Mitra	Dean	Chairman	
2.	Dr. S. D. Mahore	Prof.	Co-Chairperson	9823225952
3.	Dr. Alka Mukharji	NGO, Representative	Member	9373110080
4.	Dr. Neelam Jaitley	Prof. Microbiology	Member	9823443698
5.	Dr. Meenal Kulkarni	Asso. Prof. PSM	Member Secretary	9922949668
6.	Dr. Sushil Gawande	Asso. Prof. Psychiatry	Member	9322013915
7.	Dr. Arti Narde	Asso. Prof. FMT	Member	9881907277
8.	Mrs. Rita John	Nursing Supdt.	Member	9823426842

9.	Dr. Manisha Choudhary	Admn. Officer, LMH	Member	8698888441
10.	Mr. Vilas W. Khangan	Admn. Officer	Member	9823157099
11.	Mrs. Pratibha Ingole	Lab. Technician, Path	Member	9850519434
12.	Mrs. Kavita Malapure	Asst. Technician, Path	Member	9049551998
13.	Mrs. Awanti D. Sone	Computer Operator, HR	Member	9422441925
14.	Dr. Ashwini Sonwane	PG student, Dept. of Path.	Member	7744850798
15.	Mrs. Pratibha Falke	Attendant, UG Cell.	Member	9822640414

#### Meetings in 2020 -

**Meeting** : 20/02/2020, 09/03/2020, 20/03/2020, 10/04/2020.

**Meeting for International Women's Day Celebration Planning:** 09.03.2020.

**But permission not granted for social activity due to Covid infection and Lockdown**

**Programmes** : 2020

Sr.no.	Date	Programmes	Co-ordinator
1.	27.07.2020	Essay competition for all non teaching staff. The topic - "Family Upbringing, its values and role in Gender Harassment."	Dr. S. D. Mahore Mr. Vilas Khangan Dr.SushilGawande Mrs.PratibhaIngole
2.	07.09.2020	Display Banners in Collage campus and & Urban Health Center for awareness about Gender grievance.	Dr. S. D. Mahore Mrs.PratibhaIngole
3.	12.10.2020	Display Banners in Collage campus and Hospital "International Girl Child Day"	Dr. S. D. Mahore Mrs.PratibhaIngole

Any other activity in 2020 & 2021 year not done due to Covid infection and Lockdown. Permission not granted for social activity. Only one complaint received and solved verbally.

No complaint received still according to "Vishakha Guide Lines".

#### Opening of Complaint Box

**Complaint box of GGC Kept in front of UG cell office. It is opened every month regularly without fail. No complaint received in complaint box.**



#### Meetings in Jan to June 2021

Meeting : 05/03/2021, 29/05/2021.

Permission not granted for social activity.

Due to Covid infection and Lockdown.

Programmes : 2021

Sr.no.	Date	Programmes	Co-ordinator
1.	08/03/2021	1) Poster Display - wishing happy women's day 2) On line Lecture vishakha guidelines by Dr. Pratibha Dawande. 3) Blood Donation Camp - specially arranged for the ladies	Dr. S. D. Mahore Mr. Vilas Khangan Dr. Sushil Gawande Mrs. Pratibha Ingole

#### Opening of Complaint Box

Complaint box of GGC Kept in front of UG cell office. It was opened every month regularly without fail. One written complaint regarding gender grievance was received in month of May 2021 in complaint box.

#### GRIEVANCE COMMITTEE ADMISSION CELL

Chairman : Dr Vilas Thombare

The admission for first MBBS for the academic year 2020- 21 for 150 undergraduate seats was done during November 2020- January 2021. Total four rounds of admission were performed. Two routine rounds and two mop-up rounds were done by DMER and last institutional round was done by N.K.P.Salve Institute of Medical Sciences and research Centre and LataMangeshkar hospital. During this period there was no grievance registered by any candidate against any irregularities of the admission. All admission process was conducted smoothly and report is submitted to DMER, Medical Council of India and ARA. The staff members helped during this process and were actively involved in process of admission and done their work untiredly. DrMadhur Gupta has taken efforts for smooth conduction of admission process.

#### HEAMOVIGILANCE COMMITTEE

Patron	: Dr. N. Deosthale
Chairperson	: Dr. Sadhana D. Mahore
Co- chairperson	: Dr. Sabiha Maimoon
Members	:
1) Dr. N. Wasnik	: Professor & HOD, Dept. of Surgery
2) Dr. Mrs. N. Humane	: Professor & HOD, Dept. of Medicine
3) DR. Anjali Bhure	: Professor & HOD, Dept. of Aneasthesia
4) Dr. Nilofer Mujawar	: Professor & HOD, Dept. of Paediatrics
5) Dr. S. Joshi	: Professor & HOD, Dept. of Gynaecology
6) Dr. Vivek Harkare	: Professor & HOD, Dept. of ENT
7) Dr. Kalpana Bothale	: I/c Blood Centre, Assoc. Prof. Dept. of Pathology
8) Dr. Nilesh Joshi	: Lect, Dept. of Orthopedic.
9) Matron	: LMH
10) Dr. Shrutika Bhelkar	: Blood Bank – BTO
11) Dr. Mrunalini Wankhede	: Blood Bank – BTO

#### No. of meetings held: 04

#### Important issues related to safe blood transfusion were discussed in their meetings.

- 1) Proper filling of Blood request form and proper labelling of blood samples was discussed.
- 2) Discussion was carried out about Blood transfusion reactions and Post transfusion reaction work-up was explained and proformas circulated to all clinical departments.
- 3) HIMS, Hospital software introduced at NKP SIMS & R.C. & LMH. Blood requests are now sent through software.
- 4) All hospital blood issues should be routed through Blood Centre.
- 5) Arrange blood policy was discussed.
- 6) Donor questionnaire form was updated as per new guidelines of SBTC/ NBTC and guidelines were given to all departmental members.
- 7) Blood Transfusion and post transfusion reaction workup proformas were explained and circulated to all clinical HOD's.
- 8) Utilization of blood and blood components was discussed.
- 9) Orientation program for new batch of Jr. Residents was conducted.



### HOSPITAL INFECTION CONTROL COMMITTEE

Chairman	: Dr.Vilas R. Thombare
Secretary	: Dr.Neena V. Nagdeo
Members	
01. Dr. Tanuja Manohar	: Prof. Dept. of Medicine
02. Dr. RavindraKshirsagar	: Asso. Prof. Dept. of Medicine
03. Dr. Swati M. Phulpagar	: Asst Prof Dept. of Paediatrics
04. Dr. NishaAglave	: Asst Prof Dept. of Paediatrics
05. Dr.R. Wilkinson	: Prof.Dept. of Surgery
06. Dr. Sheela Jain	: Assistant Prof Dept. of Gynaec
07. Dr. Manisha Choudhary	: Administrative Officer , LMH
08. Dr. Anjali Bhure	: Prof. & Head ,Dept. of Anaesthesiology
09. Mrs. Rita John	: Metron
10. JyotsnaNimbulkar	: Infection Control Nurse

#### No. of Meetings held : 03

1. As per the protocol three meetings were conducted by the committee and update on Hospital Acquired Infection was discussed.
2. Awareness programme regarding Needle stick injuries & Institutional policy for PEP was organized by HICC on 12th December 2020. Staff members, Residents, Interns and Nursing staff attended this awareness programme.
3. Session was conducted where all the staff members were briefed about collection of sample for CORONA testing and Triple Packaging of samples.
4. Regular monitoring of Sterilization of OT and CSSD.
5. Data Analysis of 6 months Antibiotic sensitivity report was submitted to all clinical departments.
6. Regular monitoring of Hospital Waste Disposal is done.
7. Interns and Residents were trained for PEP and Waste Disposal in orientation programme.

### HOSTEL COMMITTEE

**Chairman : Dr. Vilas Thombare**

During the academic year 2020 -21 around 10-12 meetings were conducted for the smooth functioning of hostel. During this year, management has appointed MrPramod Verma as Chief Operating Officer (Hostel). As per the directives of management, in 2020-21 there will be three messes functioning instead of 1 centralised mess. For NRI(B) and Residents new international company M/s Compass is indulged for catering this area. In addition to the facilities which are already given, new Laundry, gym and cafeteria will be in function very soon. Hostel committee has decided to convert 80% rooms of residents and few rooms of girls hostel to A.C. rooms, so that those who want AC can avail this facility. As chairman of the hostel committee, Dr. Thombare is thankful to the dignitaries for their valuable support and suggestions .

### INSTITUTIONAL ANIMAL ETHICS COMMITTEE Members of Institutional Animal Ethics Committee (IAEC)

**Patron : Dr. Kajal Mitra Dean, N.K.P. SIMS & RC & LMH, Nagpur**

S.N.	Nomination	Name
1	Chairman (Biological Scientist)	Dr. A. S. Borkar, Prof. & HOD, Pharmacology , N.K.P. SIMS & RC & LMH, Nagpur.
2	Secretary(Scientist from different discipline)	Dr. M. Sawane, Prof. & HOD, Physiology, N.K.P. SIMS & RC & LMH, Nagpur.
3	Main Nominee	Dr. C. R. Tenpe, Outside the institute
4	Link Nominee	Dr. A. S. More, Outside the institute
5	Scientist – outside the institute	Shri A. Chourasia, Outside the institute
6	(Scientist from different discipline)	Dr.V.R.Thombare, Prof. & HOD, Microbiology, N.K.P. SIMS & RC & LMH, Nagpur.
7	Socially aware Nominee	Dr. S.L. Badole Outside the institute
8	Veterinarian	Dr. Raut N.K.P. SIMS & RC & LMH, Nagpur.
9	Scientist in-charge of Animal House Facility	Mr. V. V. Bansod N.K.P. SIMS & RC & LMH, Nagpur.

#### Half Yearly Meeting of IAEC

- 1) No. of Meetings Held - 01 (for Animal House Inspection)
- 2) No. of Protocol Approved - NIL

#### Role of IAEC

All research project (based on animal experiments) be only done in this institution after written approval of IAEC. It is mandatory that all protocols of research including research for dissertation for Under/Post Graduate students be approved by IAEC.

Subject expert may be specially invited by IAEC depending on the need of the protocol while submitting the proposal for approval to chairman of IAEC, the prescribed application form should be filled in triplicate and three copies of protocol with all annexure i.e. patients information sheet, informed consent form, case record form etc should be attached.

Application should be submitted three weeks in advance.

All research documents should be preserved by the departments for a minimum period of 3 years after completion of the study. Principal investigator or co-investigator from this institute associated with the project will have to give brief Audio-Visual presentation in presence of IAEC as and when meeting of IAEC held.



## INSTITUTIONAL ACADEMIC AWARDS COMMITTEE

Patron	-	Dr. Kajal Mitra
Chairperson	-	Dr. Suresh Chari
Member Secretary	-	Mr. Eknath Choudhary
Members	-	Dr. Vilas Thombre, Dr. Manish Sawane, Dr. Madhur Gupta.
No. of meeting	-	2

This is a Committee Formed in May 2016 with an objective of instituting various academic awards for UG & PG students. Following awards are in place .

- ▲ Awards instituted by the management VSPM AHE for I, II, III and final year topper from collage. (interest arising from Rs. 50,000/- per each)
- ▲ MEDICON- 2015 Awards for topper is I,II, III, & final MBBS (interest arising from Rs. 50,000/- per each) instituted by Medicon 15 organizing committee.
- ▲ Rs. 51,000/- to MUHS University topper in any year UG & PG in MBBS instituted by managers
- ▲ NKP SIMS Silver Jubilee General Surgery award for topper in surgery Instituted by department of surgery NKP SIMS
- ▲ Dr. Saket Golhar memorial Award for topper in MS (Orthopedics ) interest of Rs. 50,000/- instituted ( from 2017) by Dr. Anil Golhar Professor Orthopedics NKP SIMS.
- ▲ CN Chari Research Award for department with outstanding research activities during the year. Selection by computation sheet.
- ▲ NCHPE 18 MET Award
- ▲ MAHAMICROCON – Microstar Award” for Topper in Microbiology

### Awards for the year 2020

#### A. Annual Staff Research Presentation Award

1. 1st Prize Dr. T. R. Wilkinson, Asso. Professor Dept. of General Surgery
2. 2nd Prize Dr. Sunanda Chaoji, Asst. Professor Dept. of General Medicine
3. Dr. Prachi Dixit, Asst. Professor Dept. of Obstetrics & Gynecology

#### B. CN Chari Research Departmental Award for (2019)

1. Dept. of Respiratory Medicine

#### C. NCHPE 18 MET Award (for the year 2019)

1. 1st Prize Dept. of Biochemistry
2. 2nd Prize Dept. of Physiology

## INSTITUTIONAL ACADEMIC MONITORING AND EVALUATION CELL (IAMEC)

Teaching is basically communication and transfer of knowledge. One of the most important components of communication is feedback. This feedback in academic setting is known as monitoring. It measures the effectiveness of teaching. Careful monitoring differentiates effective institutes and teachers from not effective ones. Monitoring involves activities and actions pursued by teachers to gauge the student learning from the lessons in order to make instructional decisions and providing feedback to student regarding their progress in studies.

NKPSIMS has a well defined IAMEC

1. Dr. KajalMitra	Dean	Patron
2. Dr. Suresh Chari	Director, Research Cell & MET Unit	Chairperson
3. Dr. RakheeAmbade	Asso. Prof. Physiology	Secretary
4. Dr. Vilas Thombare	Vice Dean	Member
4. Dr. M. V. Sawane	Incharge, P. G. Cell	Member
5. Dr. Madhur Gupta	Incharge, U. G. Cell	Member
6. Dr. Meenal Kulkarni	Asso. Prof. Community Medicine	Member
7. Dr. AnujaBhalerao	Asso. Prof. Obstetrics & Gynecology	Member
8. Dr. NeelimaSaoji	Asso. Prof. General Medicine	Member
9. SWA Students President & Secretary		

Main task of the (IAMEC)

#### A. Monitoring of :

- i. U.G. Teaching Schedule including Theory, Clinics and Practical.
- ii. P.G. Teaching Schedule including Thesis review and submission.
- iii. PhD. Programme
- iv. Post Doctoral Fellowship Programme.

#### B. Evaluation of :

- i. U.G. Results
- ii. P.G. Results
- iii. Progress of Ph.D. Programme
- iv. Post Doctoral Fellowship Programme.

#### Meetings: 3

#### Activities 2020

1. App used for giving academic and non academic information to parents of students.
2. Dedicated staff for monitoring the UG teaching schedule and reporting directly to Chairperson and member secretary IAMEC
3. Software used for online students feedback of teachers
4. MOODLE directly linked to NKPSIMS web site and training of staff on use of MOODLE



### INSTITUTIONAL CURRICULUM COMMITTEE

As per the directives from Medical Council of India New Delhi NKPSalve Institute of Medical sciences & Research centre and Lata Mangeshkar Hospital, Nagpur has formed a Curriculum Committee.

The NKPSIMS & RC and LMH Curriculum Committee comprises of -

▲ Dr Kajal Mitra	Dean NKPSIMS & RC and LMH	Chairman
▲ Dr Suresh Chari	Professor Biochemistry	Coordinator
▲ Dr Madhur Gupta	Prof & HOD Biochemistry	Pre-clinical disciplines & Member Secretary
▲ Dr Neena Nagdeo	Prof & HOD Microbiology	Para-clinical disciplines
▲ Dr Vivek Harkare	Prof & HOD ENT	Surgery & allied disciplines
▲ Dr Tanuja Manohar	Professor General Medicine	Medicine & allied disciplines
▲ Ayushi Keoliya	Final Part I & Khushboo Sathawane	Umakant II MBBS Student/Intern representative

The committee had five meetings in the year 2020-21. 1st August 2020, 15th Oct 2020, 5th Jan 2021, 5th March 2021, 10th May 2021.

The committee has also conducted sensitization sessions for the staff members and conducted MCI recognized 2 days CISP II for 28 staff members on 22nd & 23rd Sept. 2020.

The Curriculum committee members supported the foundation Course for I MBBS in the month of Jan to March 2021 and confirmed the implementation of Academic Calendar for I MBBS.

The committee took initiatives in organizing webinars during the LOCKDOWN period.

### INTERNAL QUALITY ASSURANCE CELL- IQAC

Chairperson : Dr Kajal Mitra

Director : Dr Suresh Chari

Member Secretary : Dr Madhur Gupta

Joint Secretary : Dr. Mohana Majumdar

Members : Dr Vilas Thombare, Dr Sulabha Joshi, Dr Manish Sawane, Dr Anup Marar, Dr Arti Kasulkar, Dr Trupti Dongre, Mr Sudhir Deshmukh

Number of Meetings : 2

#### Salient Features:

- ▲ Emphasis on quality standards by suggesting various innovative practices in teaching & learning.
- ▲ MET and UG cell academic activities (teaching and assessment) during lockdown.
- ▲ Institutional Awards Committee to promote institution of new awards for students, teachers and department.

- ▲ MET to conduct online mentorship program
- ▲ UG cell to conduct online parent teacher meeting
- ▲ Implementation of Smart boards and training
- ▲ Alumni association activities for students
- ▲ Functioning of NABL & NABH & HMIS.
- ▲ Environment Health Safety Committee to pursue issues related to green audit, fire safety, water conservation and waste management.
- ▲ Academic Monitoring & Evaluation Committee to critically look at academic programs like UG, PG and Ph.D especially during lockdown.
- ▲ Each department redefines requirements as per MCI MSR.
- ▲ Training programs for non teaching by HR department.

### INTERNSHIP MONITORING COMMITTEE

Patron	: Dr. Kajal Mitra, Dean
Chairman	: Dr. Ajeet Saoji, Prof & HOD, Community Medicine
Member Secretary	: Dr. M. Kulkarni, Asso Prof, Community Medicine
Members	: Dr. Wasnik, Prof & HOD, Surgery
	: Dr. N. Humney, Prof & HOD, Medicine
	: Dr. S. Joshi, Prof & HOD, OBGY

Objectives of Committee: To monitor and implement internship programme in the institute as per recommendation given by MCI/MUHS

Meeting held : Quarterly

### NAAC ANNUAL REPORT

Patron	: Dr. Kajal Mitra
Chairperson	: Dr. Mohana Majumdar
Executive Members	: Dr. V. Thombare, Dr. Suresh Chari, Dr. Ajeet Saoji, Dr. Manish Sawane
NAAC Coordinators	: Dr. Arti Kasulkar, Dr. Trupti Dongre
Criteria Chairpersons	: Dr. S. A. Joshi, Dr. C. Gadkari, Dr. P. Karmarkar, Dr. M. Gupta, Dr. Dehankar, Dr. K. Date, Dr. Onkar, Dr. T. Manohar

1. The NAAC Committee organized several meetings with the NAAC Criteria Chairpersons and Departmental NAAC Members. Information from the Academic, Administrative and Ancillary departments was also sought from





time to time.

- The Criteria Reports were presented by the respective Chairpersons in front of Hon'ble Dean Dr. Kajal Mitra and Director, IQAC Dr. Suresh Chari.
- IIQA application was made in NAAC portal in Sep.2020. The application was approved on 30/09/2020.
- SSR was submitted on 11/11/2020 and student satisfaction survey was done on 12/11/20.
- The prequalification was passed on 3/6/21.

#### PHARMACOVIGILANCE COMMITTEE

Patron : Dr. Kajal Mitra, Dean ,N.K.P.SIMS & RC & LMH, Nagpur.

S.N.	Nomination	Name
1	Chairperson	Dr.(Mrs) Borkar, Prof & HOD, Pharmacology N.K.P.SIMS & RC & LMH, Nagpur.
2	Co-Chairperson	Dr. (Mrs) Humney, Prof & HOD, Medicine N.K.P.SIMS & RC & LMH, Nagpur.
3	Member Secretary	Dr. M. Borkar, Prof & HOD, Skin & VD. N.K.P.SIMS & RC & LMH, Nagpur.
4	Member	Dr. A. Dhok, Prof & HOD, Radiology N.K.P.SIMS & RC & LMH, Nagpur.
5	Member	Dr. M. A. Akhtar, Prof & HOD, Surgery N.K.P.SIMS & RC & LMH, Nagpur.
6	Member	Dr. (Mrs) S. Joshi, Prof & HOD, OBGY N.K.P.SIMS & RC & LMH, Nagpur.
7	Member	Dr. N. Mujawar, Prof & HOD, Paediatric N.K.P.SIMS & RC & LMH, Nagpur.
8	Member	Dr. Tayade, Prof & HOD, Pulmonary Medicine N.K.P.SIMS & RC & LMH, Nagpur.
9	Member	Dr. Mankar, Prof & HOD, Orthopedics N.K.P.SIMS & RC & LMH, Nagpur.
10	Member	Dr.(Mrs) A. Bhure, Prof & HOD, Anesthesiology N.K.P.SIMS & RC & LMH, Nagpur.
11	Member	Dr. Harkare, Prof & HOD, ENT N.K.P.SIMS & RC & LMH, Nagpur.
12	Member	Dr. Vivek Kirpekar, Prof & HOD, Psychiatry N.K.P.SIMS & RC & LMH, Nagpur.
13	Member	Dr. Khandelwal, Prof & HOD, Oph. N.K.P.SIMS & RC & LMH, Nagpur.

- No. of Meetings held - 4  
(Quarterly Meeting )
- No. of Adverse Drug Reactions (ADRs) Reported - 27

#### Role of Pharmacovigilance Committee

With a number of new drugs being regularly approved for marketing in India, there is a need for a vibrant Pharmacovigilance system in the country to protect the population from the potential harm that may be caused by some of these new drugs. Besides, with the patent regime coming in force from 2005, it is widely believed that India would become a centre for new drug trials. India being a vast country with multi ethnic population, it is necessary to have a viable Adverse Drug Reaction (ADR) Data capturing system. The India Central Drugs Regulatory Authority, therefore, proposed Pharmacovigilance programme are to:

- Contribute to the regulatory assessment of benefit, harm, effectiveness and risk of medicines, encouraging their safe, rational & more effective (including cost effective) use.
- Improve patient care & safety in relation to use of medicines and all medical & paramedical interventions,
- Improve public health & safety in relation to use of medicines,
- Promote understanding, education & clinical training in Pharmacovigilance & its effective communication to the public Pharmacovigilance Committee - NKP SIMS & RC & LMH, Nagpur.

Registered as ARs monitoring centre

With Indian Pharmacopoeia commission (IPC),

National coordinating centre (NCC), Pharmacovigilance Programme of India (PvPI), Ministry of Health & Family Welfare, Government of India, Sec-23, Ragnagar, Ghaziabad – 201002.

(Reg. no : IPC/NCC-PvPI/AMC/2015-16/27 dated 8/7/2015.)

#### PUBLICATION COMMITTEE

Published documents are of great value as they form permanent record of events related to the institute. Souvenir and Publication Committee monitors various academic and non academic publications of the institute.

Chairperson : Dr. Suresh Chari

Co-Chairperson : Dr. Mohana Majumdar (Director, General Admn)

The various publications are as follows-

Annual Report : Editor - Dr Pragati Karmarkar

(Annual)

Members : Dr. Trupti Dongare , Dr. Vidula Gowardhan, Dr. Savita Somalwar, Dr. Anant Fulse  
Dr. Praful Ramteke

Annual report is published every year on 15th August. It is an important document showcasing the progress of the institute over the last one year. It includes academic and co curricular events depicting all round development of students as well as staff. It celebrates the achievements of institute, departments and individuals and presents the data with careful account of efforts taken by individuals in their journey towards excellence which results in progress of organization towards excellence. There is record of growth and development on hospital side with respect to facilities and clinical care.





### Reflections (Biannual)

Editor- DrVivekHarkare

MET Unit publishes its theme based biannual bulletin, Reflections, depicting activities of the unit and articles pertinent to medical education technology since 2009.

2 Issues were published in 2020-21.

I. 19th issue was with the theme "Teacher Students Relationship"

II. 20th issue was with the theme "Teaching Learning During the Pandemic. The Education Warriors."

### Header(Quarterly)

Newspaper cuttings - Incharge - Mrs. K. Saigal

Panacea Journal of Medical Sciences PJMS (Quarterly)

Editor in Chief Dr. Suresh Chari

Managing Editors Dr. Madhur Gupta

Associate Editors Dr. ArtiNarde

Co- Editors Dr. Nitin Deosthale, Dr. Manish Sawane

PJMS is an official peer reviewed indexed journal of NKPSIMS. It encompasses review articles, original research work, case reports as well as articles in MET. Articles are electronically loaded at <http://www.pjms.in> in which are processed within 45 days for suitability for publication or otherwise. Now it is a well accepted and rated journal which has large part of its scientific content from outside institutes.

### Journal of Education Technology In Health Sciences (JETHS) (Quarterly)

Editor in Chief Dr. Suresh Chari

Executive Editors Dr. Meenal Kulkarni

Associate Editors Dr. Shubhada Gade, Dr. Madhur Gupta, Dr. Anne Wilkinson  
Dr. Tapasya Karemore (Dental)

### PURCHASE COMMITTEE

Purchase Head : Mr. S. Ravichandra

The pandemic has affected the entire business community. But healthcare was in the forefront fighting the virus. Materials being the backbone of any organisation, the logistics was severely hit during this period. The year was challenging to get materials & services, at the same time costs have increased.

The Purchase Committee has played a vital role during this period & decisions taken in executing the major projects, namely MSR 250 as per NMC, Air-conditioning of Hostels, New Library Building with international standard facility, Dental Equipments as per DCI, etc... name a few.

As per last year ongoing projects, many have been

completed, the Purchase Committee has approved the following;

- ✦ Syringe Pump & Infusion Pumps
- ✦ Air Cooler Maintenance Material
- ✦ Calibration & Electrical Safety Test of Medical Equipments
- ✦ Binocular Microscope for Pathology Dept.
- ✦ Orthopaedic General Instrument
- ✦ Audiometer for ENT
- ✦ Desktops & Laptops
- ✦ SQL License for Digidoh Campus
- ✦ Hard Disk for Server Room
- ✦ Johnson & Johnson-Ultrasonic cutting & coagulation unit
- ✦ Fetal Monitor /NST Machine
- ✦ Fibre Optic Bronchoscope
- ✦ Standard ECG Machine
- ✦ Multipara Monitors
- ✦ High Speed Table Top Cooling Centrifuge
- ✦ Audio-Video Recording Systems
- ✦ I.T. Maintenance Materials
- ✦ LED Lights
- ✦ Hostel Mess / Kitchen Equipments
- ✦ Defibrillators
- ✦ Perimeter
- ✦ A-Scan with Packymeter
- ✦ PCA Pump
- ✦ Microscope - Binocular -10, Trinocular 2 Qty
- ✦ Video Endoscopy System
- ✦ Portable Ultrasound Machine
- ✦ Cryostat
- ✦ Fully Automatic Microtome
- ✦ Tissue Embedding Machine
- ✦ Grossing Station
- ✦ Tabletop Automatic Tissue Processor
- ✦ Bi-pap Systems
- ✦ Fire Fighting Systems for Library
- ✦ Journal / Book Binding for Library
- ✦ Laundry Equipments
- ✦ Uniforms for Students
- ✦ Rate Contract - Horticulture Maintenance Services
- ✦ General Surgery Operation Table
- ✦ Orthopaedic Operation Table
- ✦ Passenger Lift
- ✦ Fibreoptic Bronchoscope – (Anaesthesia)
- ✦ Print Journal – Dental
- ✦ 10 KVA UPS – I.T.
- ✦ Toilet Partition in Library (NKPSIMS)
- ✦ O.T. Light for 01, 02 and Eye O.T.
- ✦ ICU Beds for Critical Area
- ✦ Desktop for MSR – 250
- ✦ Projector for OT (MSR – 250)
- ✦ Medical Equipments for ICU (New)
- ✦ Uniform for Contractual Staff
- ✦ Semi Automated Biochemistry Analyzer
- ✦ X-Ray (Digital) 100 MA Machine for New ICU (Radiology)
- ✦ Polygraph for Physiology
- ✦ RFID for Books at New Library
- ✦ Hospital Furniture for New ICU
- ✦ IT Cable for New Library
- ✦ Smart UPS for Server Room
- ✦ Cabling Laying Work for Main OT
- ✦ Vinyl Floor for ICU & Surgical OT
- ✦ Electric Panel for New Library
- ✦ Transformer for New Library
- ✦ Manikins for Skill Lab
- ✦ CCTV Cameras for Skill Lab & Library – I.T. Department.
- ✦ Manageable Switch 24 Port + 4SEP Port – I.T. Department.
- ✦ 380 KVA DG Set for Hostel & Library
- ✦ Automated Steam Sterilisers
- ✦ ETO Steriliser
- ✦ Ultrasonic Cleaners
- ✦ Automated Capillary Electrophoresis for



## PRECLINICAL & CLINICAL DEPARTMENTS

### DEPARTMENT OF ANAESTHESIOLOGY

#### Achievements

- Dr. Heena D. Pahuja -Poster presentation 2nd Prize ISA-NCB on 18th Dec. 2020.
- Dr. Savita Chauhan- Senior Resident
- As a Faculty In How do I do it Video Presentation on RETROGRADE INTUBATION August 2020
- As a Faculty -delivered lecture on Pain and Palliative Care in 1st Annual National Conference YUVA ISACON September 2020
- Participated in Poster Competition organised by ISA Nagpur City Branch on Anaesthetic management of RT Atrial Myxoma in a 3 days old neonate posted for colostomy December 2020
- Published Article on RETROGRADE INTUBATION in MISANEWS Yearly Magazine February 2021

S.N.	Name of the Participant	Name of the Activity	Prize
1	Dr. Pratik Kadam JR-III	Paper presentation 1st Prize	ISA NCB on 20th Feb. 2021
2	Dr. Amit Belokar JR-III	Paper presentation 2nd Prize	ISA NCB on 20th Feb. 2021
3	Department of Anaesthesiology	Fun Quiz Contest	3rd Prize on 1st June 2021

### Completed PG Projects

S.N.	Name of the PhD/DM/M.Ch/ PG scholar	Name of the guide	Title of the thesis	Year of registration of the scholar
1	Dr. Pratik Kadam	Dr. A. Bhure	Port site infiltration V/S Ultrasound guided bilateral Subcostal tap block in lap cholecystectomy for post operative analgesia-A double blind Randomized study.	2018
2	Dr. Samakshi Dhadwal	Dr. A. R. Bhure	Ultrasound Guided technique V/S land mark technique for caudal epidural block in children. A Randomized Controlled study.	2018
3	Dr. Sakhi Sardeshpande	Dr. S. Deshmukh	Intravenous low-dose ketamine in addition to systemic analgesia versus systemic analgesia alone for post operative management in laparotomies: A double blind randomized controlled study.	2018

- Pathology
- R.O. AMC
- Iron Stool with Wooden Top (MSR 250)
- OAE-Otic Hearing Solutions
- Cryo Centrifuge Machine for Blood Bank
- Pest Control
- Sound System
- Ultrasound Probe for OBGY Dept.
- Pest Control
- Solar System for Hostel
- SS Furniture for CSSD Department
- Cable Laying Internal Work for CSSD Department
- Energy Safety Audit for Digdoh
- Cryo Centrifuge for Blood Bank
- Journal for Library
- Outsource Pathology Test for CCL
- C-Arm for Orthopaedics
- Pressure Pump for CSSD
- Painting for Street Light Poles
- Documentary Film for Digdoh Campus
- Plumbing Material (Hostel)
- Electrical Work (Hostel)
- Electrical Material for Geyser System
- Electrical Geyser 3 Ltr. for Hostel

Committee has so far executed & contributed to major cost saving for the organisation.

### WEBSITE COMMITTEE

- Patron : Dr. Kajal Mitra
- Chairperson : Dr. Suresh Chari
- Advisory : Dr. Manish Sawane
- Coordinators : Dr. Anne Wilkinson, Dr. Mohana Majumdar
- Members : Dr. Riyaz Siddiqui, Dr. Shailesh Wakde, Dr. Rutuja Deo, Dr. Amruta Dashputra, Dr. Sheela Jain, Dr. Tasneem Ansari, Dr. Rakhee Tirpude, Dr. Trupti Dongre, Dr. Anant Fulse, Mr. Debankar Chanda, Mrs. Sonali Naidu

#### Activities

- Regular updating of inputs from departments and committees.
- Departmental group photos updated
- New designing of website in process
- Initiation of campus tour video





S.N.	Name of the PhD/DM/M.Ch/ PG scholar	Name of the guide	Title of the thesis	Year of registration of the scholar
4	Dr. Neha Wakode	Dr.C. Gadkari	Comparative study of efficacy of usg guided adductor canal block with systemic analgesia versus systemic analgesia alone for postoperative analgesia after knee arthroscopy:a randomized controlled trial	2018
5	Dr. Sumedha Deole	Dr. S. Palsodkar	Dexmedetomidine As an adjuvant to lignocaine versus lignocaine alone to evaluate the quality of intervenous regional anaesthesia for upper extremity surgeries: A double blind randomized controlled study.	2018
6	Dr. Amit Belokar	Dr. M. Tajne	Efficacy of ultrasound guided Bilateral quadrates lumborum block versus bilateral Transversus abdominis plane Block for Postoperative Analgesia After Caesarean section: A double Blind Randomised controlled study.	2018

#### Ongoing PG Projects:

S.N.	Name of the PhD/DM/M.Ch/ PG scholar	Name of the guide	Title of the thesis	Year of registration of the scholar
1	Dr. Geeta Sethuraman	Dr. Anjali Bhure	Efficacy of Dexmedetomidine as an adjuvant to Ropivacaine versus ropivacaine in ultrasound guided fascia 1 liaca compartment block for post operative analgesia in fracture femur surgeries- A Randomized controlled Trial	2019
2	Dr. Kshipra Asole	Dr. Anjali Bhure	Comparison of dexmedetomidine as an adjuvant to Ropivacaine and Ropivacaine alone for post operative analgesia in ultrasound guided pectoral nerve block in modified radical mastectomy: A Randomized controlled trial	2019

S.N.	Name of the PhD/DM/M.Ch/ PG scholar	Name of the guide	Title of the thesis	Year of registration of the scholar
3	Dr. Atul Kamble	Dr. Shubhada Deshmukh	Comparison between transdermal buprenorphine and epidural buprenorphine for post operative analgesia in lower limb orthopaedic Surgery- A Randomized control trial	2019
4	Dr. Pranjali Toke	Dr. Charuta Gadkari	Recovery from spinal ananesthesia with plain chloroprocaine versus saddle block with hyperbaric bupivacaine in ambulatory anorectal surgeries: A Randomized Controlled Trial	2019
5	Dr. Priyanka Shinde	Dr. Megha Tajne	Efficacy of infraclavicular brachial plexus versus supraclavicular brachial plexus block by using ultrasound guided nerve stimulation technique for elective upper limb surgeries – A randomized controlled trial	2019
6	Dr. Niranjana Kulkarni	Dr. Sumita Bhargava	Efficacy of isobaric 0.75% ropivacaine with Dexmedetomidine verses isobaric 0.75% ropivacaine with fentanyl in sabarachnoid block for lower limb surgeries: A randomized controlled	2019
7	Dr. Pooja Bodkhe	Dr. Supriya Palsodkar	Dexamethasone as an adjuvant to Ropivacaine versus Ropivacaine alone in ultrasound guided transverse abdominis plane block in patients undergoing elective inguinal hernia repair surgery: A Randomized controlled trail.	2019
8	Dr. Siddhi Rathod	Dr. Anjali Bhure	Efficacy of Dexmedetomidine as an adjuvant to Ropivacaine versus Ropivacaine alone in Ultrasound Guided Axillary Brachial Plexus Block in Upper Extremity Surgeries – A Randomised Controlled Study	2020
9	Dr. Akanksha Upase	Dr. Anjali Bhure	Oropharyngeal Airway Seal Pressure using Baska mask versus I-Gel in Laparoscopic Abdominal Surgeries - A Randomized Controlled trial.	2020





S.N.	Name of the PhD/DM/M.Ch/ PG scholar	Name of the guide	Title of the thesis	Year of registration of the scholar
10	Dr. Akshay Sable	Dr. Shubhada Deshmukh	Comparison of Dexmedetomidine 0.5µg/kg IV or 1µg/kg IV with saline as control for Monitored Anaesthesia care in posterior segment ophthalmic surgery. A Randomized Controlled Trial	2020
11	Dr. Shweta Patel	Dr. Shubhada Deshmukh	COMPARISON OF DEXMEDETOMIDINE 0.6µg/Kg AND 1µg/Kg GIVEN IV FOR ATTENUATION OF HEMODYNAMIC RESPONSE TO LARYNGOSCOPY AND TRACHEAL INTUBATION: A RANDOMIZED CONTROLLED TRIAL.	2020
12	Dr. Gaurav Deshmukh	Dr. Charuta Gadkari	Accuracy of preoperative clinical and ultrasound parameters compared to Cormack-Lehane grading in adults in predicting difficult laryngoscopy – a cross sectional study.	
13	Dr. Priya Saoji	Dr. Charuta Gadkari	Efficacy of Ropivacaine 0.2% versus Lignocaine 0.5% for Intravenous Regional Anaesthesia in patients for upper limb surgeries- Randomised controlled trial.	2020
14	Dr. Preetha John	Dr. Megha Tajen	Efficacy of ultrasound guided technique versus landmark-technique for facilitation of spinal anaesthesia by paramedian approach in lower limb surgeries-A Randomized Controlled Trial	2020
15	Dr. Harshal Shrigiriwar	Dr. Megha Tajen	Pre- procedural ultrasound guided technique versus landmark technique for localization of epidural space in elective surgeries - A Randomized Controlled Trial	2020
16	Dr. Rucha Patil	Dr. Sumita Bhargava	Efficacy of dexmedetomidine as an adjuvant to ropivacaine versus ropivacaine alone in ultrasound guided Interscalene block for upper limb orthopedic surgeries - A Randomized Controlled Trial	2020

S.N.	Name of the PhD/DM/M.Ch/ PG scholar	Name of the guide	Title of the thesis	Year of registration of the scholar
17	Dr. Aishwarya Pingle	Dr. Ketaki Marodkar	Intravenous Ramosetron versus Intravenous Ondansetron for Prevention of Post-Operative Nausea and Vomiting in Patients Undergoing Laparoscopic Surgeries – A Randomized Controlled Trial	2020
18	Dr. Minal Sute	Dr. Heena Pahuja	Efficacy of Transdermal Fentanyl patch with Intravenous Paracetamol versus Intravenous Paracetamol alone for Post-operative analgesia in patients undergoing Abdominal Hysterectomy- A Randomised controlled trial	2020
19	Dr. Pritamkumar Kadam	Dr. Supriya Palsodkar	Identification of epidural space by loss of resistance technique using an Automated syringe Versus Conventional syringe in patients undergoing epidural anesthesia – Randomized Controlled Trial	2020

#### Events organized & Webinar Conducted:

S.N.	Topic	Date	Events organized by the department
1	COVID training Workshop	24th July 2020 and weekly on regular basis	Attended by all Teaching Staff, residents of NKPSIMS & RC and LMH having rotational COVID ICU and ward duties.
2	Webinar on One Lung Ventilation	30th July 2020	Attended by all Teaching Staff, residents of NKPSIMS & RC and LMH and delegates from other medical colleges
3	Internal Orientation P.G. Programm	27th Aug. 2020 to 31st Aug. 2020	Attended by All JR-I's (12)
	Webinar on Balanced salt solution in Covid-19 patients	1st Oct. 2020	Attended by all Teaching Staff, residents of NKPSIMS & RC





S.N.	Topic	Date	Events organized by the department
4	CME on Pearls in Regional Anaesthesia (in association with ISA NCB)	20th Oct. 2020	Attended by all Teaching Staff, residents of NKPSIMS & RC and LMH and delegates from other medical colleges and private practitioner anaesthetist
5	Webinar on SUPRANE (desflurane)	4th Nov. 2020	Attended by all Teaching Staff, residents of NKPSIMS & RC and LMH
6	COVID Training Workshop for staff of the primary health care centre	7th June 2021 to 16th June 2021	Attended by staff of the primary health care centre as per deputation by collector office

## DEPARTMENT OF ANATOMY

### Achievements:

- 04 students of 1st MBBS 2019- 20 Batch received distinction in Anatomy
- Dr. R. N. Dehankar was awarded as Best Teacher during 15th August ceremony.

### Events

- Cadaveric Oath Ceremony for newly joined students was held on 04/02/2021. Dean Dr. Kajal Mitra, Director MET and Research Dr. Suresh Chari and staff members of Anatomy attended the function.
- Renovated department of Anatomy was inaugurated at the hands of Dr. S. A. Pathak, Eminent Anatomist, on 15th February 2021. Hon. Chairman VSPMAHE Shri Ranjit Deshmukh, Hon. working Chairman Dr. Ashish Deshmukh, , Dean Dr. Kajal Mitra, Vice Dean Dr. V. Thombare graced the function.
- Inauguration of Bone Library donated by Alumini association at the hands of Hon.Dr. Ashish Deshmukh, working Chairman, VSPMAHE, Nagpur was conducted on 24th May 2021. Dean Dr. Kajal Mitra & vice Dean Dr. V. Thombare were guest of honour. Director General administration Dr. Mohana Mujumdar, coordinated the function.

### Ongoing Research Project by Staff members

- Morphometric study of head of radius in Vidharbha region and its clinical implication in radial head prosthesis – by Dr. Purvi Mishra & Dr. Manjusha Tabhane
- A study of fingerprint in relation to gender and blood group among medical students Vidharbha region by Dr. Purvi Mishra & Dr. Manjusha Tabhane
- Analysis of changes in anthropometric indices with age in Down's syndrome children- Dr. Manjusha Tabhane, Vishwajit Paikrao & Dr. Purvi Mishra
- Electrocardiogram analysis in adult patients with sickle cell disease in vidharbha region of Maharashtra by Dr. Madhavi Walulkar & Sanjay Walulkar



## ACHIEVEMENTS

- 12 Distinctions in MUHS University Exam: 2019 batch
- Felicitation of Corona Warriors (CCL) 29th May 2021

## EVENTS ORGANISED

- Online Quiz conducted on Vitamin for 1st Year MBBS Students 2019 Batch  
Date: 23rd July 2020
- Syndicate Seminar of 1st MBBS Students was conducted on Wednesday 24th February & Thursday 25th February 2021 by Dr. Suresh Chari on Enzyme.
- Syndicate Seminar of 1st MBBS Students was conducted on Tuesday 30th March 2021 by Dr. Suresh Chari on Kidney Function Test.
- Syndicate Seminar of 1st MBBS Students was conducted on Friday 28th May 2021 by Dr. Suresh Chari on Liver Function Test.
- Topic: CME on "Quality Control in Biochemistry Parameter"  
Date: 05/02/2021 & 16/03/2021  
Faculty : Harshvardhan Siddhanti

## GUEST LECTURE BY THE FACULTY OF THE DEPARTMENT

Dr. Suresh Chari

Faculty at the International Medical education conference 2021 iMECON2021, University centre for health profession education Kolar Karnataka on "Express to Impress"

## TRAININGS AND COURSES

Name of the Faculty: Dr. Suresh Chari

As Faculty in: "Mai Aysa Kyu Hu"

Date & Place: 26th August 2020, Rotary Club, Nagpur

Name of the Faculty: Dr. Suresh Chari

As Faculty in: "Challenges ahead"

Date & Place: 30th August 2020, Ashadeep Apang Mahila Bal Vikas Sanstha Mrs Shastry

Name of the Faculty: Dr. Suresh Chari

As Faculty in: "Challenges ahead for youth of India"

Date & Place: 19th September 2020

Name of the Faculty: Dr. Suresh Chari

As Faculty in: "Why Join Social"

Date & Place: 24th September 2020, Lions Club, Raurkela

Name of the Faculty: Dr. Suresh Chari

As Faculty in: "Challenges Ahead"

Date & Place: 05th October 2020, SFS College Students, Nagpur

Name of the Faculty: Dr. Suresh Chari

As Faculty in: "Mai Aysa Kyu Hu?"

Date & Place: 28th February 2021, Rotary Club, Hiranandani Estate, Mumbai

Name of the Faculty: Dr. Suresh Chari

As Faculty in: "Ragging: An act of a sick mind"

Date & Place: 10th March 2021, Suretech College of Nursing, Nagpur

Name of the Faculty: Dr. Suresh Chari

As Faculty in: "(iMECON 2021) Express to Impress"

Date & Place: 19th March 2021, University Centre for Health Profession Education Kolar Karnataka

Name of the Faculty: Dr. Suresh Chari

As Faculty in: "Open Forum Discussion on mixopathy"

Date & Place: 06th April 2021, IMA, Nagpur

## EXTRA INSTITUTIONAL ASSOCIATIONS:

Dr. Madhur Gupta

Foundation member, UNESCO Chair in Bioethics.

Managing Editor Panacea Journal of Medical Sciences.

Member Journal of Education Technology in Health Sciences.

Reviewer Board Member International Journal of Clinical Biochemistry and Research.

Reviewer Board Member International Journal of Biochemistry Research & Review.

Reviewer Board Member Life Sciences.

Reviewer Board Member AFMC Journal.

## Dr. Suresh Chari

Foundation member, UNESCO Chair in Bioethics.

Editor in chief Panacea Journal of Medical Sciences.

Editor in chief JHETS Journal of Medical Sciences.

Editor in chief Journal of Education Technology in Health Sciences.

Academic Council member DMIMS (Sawangi) Wardha.

Ethics Board Advisory Committee Member VSPM DCRC.

Research Advance board VSPM COP.

Member Board of Research MUHS, Nashik.

Member BOS, DMIMS Deemed University (Sawangi) Wardha.



## ACHIEVEMENTS

1. Dr. Aniruddha Deoke, Prof, Dept of Community Medicine, Has been appointed on Board of Studies of MUHS Nashik, By Hon'ble Vice Chancellor.

## ONGOING THESIS

1. Prevalence of caesarean deliveries among mothers of under five children- A cross sectional study - Dr. Pranita Dharmadhikari, Dr. Ajeet Saoji
2. Risk Factors Associated with Pregnancy Induced Hypertension in a Tertiary Care Hospital: A Case Control Study - Dr. Sneha Patil, Dr. Aniruddha Deoke
3. Prevalence of soil transmitted helminthic infestations and socio-demographic factors associated with it in school age children of 5-14 years in an urban slum area – A cross sectional study - Dr. Antara Soni, Dr. Ajeet Saoji

**THESIS COMPLETED :** Two

## EVENTS ORGANISED AND ACTIVITIES CONDUCTED

### Contact Tracing for COVID-19

Department of Community Medicine is involved in the contact tracing of COVID 19 positive patients along with the M.S office from 1st August 2020.

### Breast Feeding Week

World Breast feeding week is celebrated every year from 1 to 7 August to encourage breastfeeding and improve the health of babies.

### Polio, Measles, Rubella and Vaccine preventable diseases Surveillance -

Department of Community Medicine, in coordination with WHO, NPSP Deputy Director of Health Services, Nagpur circle is conducting the surveillance of Acute Flaccid Paralysis, Measles, Rubella and Vaccine preventable diseases in Lata Mangeshkar Hospital

### Covid -19 -Swab collection at Quarantine Center 14-08-2020

Nodal Officer from NMC, allotted swab collection duty to, N.K.P. Salve Institute of Medical Science & Research Centre and Lata Mangeshkar Hospital to collect swab from Quarantine center of different parts of Nagpur.

### Covid duty of interns

Department of Community Medicine is involved in Rotatory Internship Programme. As a part of this programme, Department of Community Medicine coordinated with various departments and MS office for the deputation of interns in COVID ward. From 12/09/2020 on rotation basis interns were posted in COVID wards.

### NSS Day Celebration 24-9-2020

The NSS day i.e. 24th September was celebrated by the NSS unit of N.K.P. Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital on 24th September 2020. .

### Patient care promotion activity

During COVID 19, Medical Social workers and Field workers under the Department of Community Medicine were engaged in field for promotional activity of Hospital. Awareness programs regarding hospital facilities and COVID training were organized for deprived people.

### World AIDS Day 1-12-2021

World AIDS day was celebrated in the dept of Community Medicine on 01-12- 2020.

### Meeting with ASHA at UHTC

Meeting with ASHA workers was conducted on 29 /12 /2020 at UHTC, Jaitala by Dr. Shilpa Hajare, Asst. Prof., Incharge UHTC, Dr. Moharil, MO, UHTC Jaitaila, Dr. Anuprita Bhadage camp co-ordinator, and MSW – Mangala Vichurkar.

### Meeting with ASHA workers at RHTC, Katol 5-1-2021

### Patient Care Review" at Matoshree Hall – 4-1-2021

Dr. Ajeet Saoji, Prof. and Head, Dept of Community Medicine presented 'Patient Promotion Plan' in meeting of "Patient Care Review" at Matoshree Hall on 4/1/2021.

### Inaugural function of Department

An inaugural function of Department of Community Medicine was organised on 15th Feb 2021. Hon'ble chairman Ranjitbabu Deshmukh inaugurated the department.

### Inauguration of UHTC Jaitala-New building.

### International Womens Day Celebration

International Women's Day is globally celebrated annually on 8th March to commemorate the cultural, political, and socioeconomic achievements of women.

**World Tuberculosis Day** - World Tuberculosis Day 2021 is observed on 24 March every year to raise awareness about tuberculosis in the world. The theme for this year is "THE CLOCK IS TICKING"-

### World Health Day Celebration – 7-4-2021

Every year April 7 marks the celebration of World Health Day. This year, the theme focusd on "Building a fairer, healthier world for everyone".

### Internship Orientation Programme 2021

Internship orientation programme for 2016 ABCD batch was organised by the department of community Medicine from 3.5.21 to 7.5.21.



### Felicitations of Department for Covid Work

On occasion of 75th Birthday of Hon'ble Chairman Shri Ranjitbabu Deshmukh, all the corona warriors from vidharbha region were felicitated.. Work of department was highly appreciated by all the dignitaries.

### Blood Donation Camp at RHTC, Katol

On occasion of 75th Birthday of Hon'ble Chairman Shri Ranjitbabu Deshmukh, blood donation camp was conducted at RHTC, Katol. Total 54 blood donors were present .

### GUEST LECTURE BY THE FACULTY OF THE DEPARTMENT

1. Dr. Ajeet Saoji, Professor & Head, Dept. of Community Medicine
  - a. Myths and facts about New Corona Virus – Organized by Rotary Club at Chitnavis Centre, Nagpur on 12/07/2020
  - b. As a Key note speaker at 3rd State level Research Conference 2020 organized by University research Department, MUHS, Nagpur and VSPM College of Physiotherapy, Nagpur on 18/09/2020
2. Guest lecture for Viral Hepatitis Training for Lab Technician at SIHFW, Nagpur  
Faculty from Department of Community Medicine was invited to deliver guest lecture on 06/02/2021. Dr. Ketan R. Dagdiya, Asst. Prof., delivered guest lecture on following topics 1) L J Charts and 2) Biosafety.
3. **Topic: "Importance and Need for Intellectual Property Rights (Patenting)"**
4. **Guest lecture on World Health Day Celebration**  
Every year April 7 marks the celebration of World Health Day. This year, the theme focusd on **"Building a fairer, healthier world for everyone"**.

### EXTRA INSTITUTIONAL ASSOCIATIONS

Collaboration with Sri Sri Research Institute and Lata Medical Research Foundation for conducting a clinical trial Phase III Randomized controlled trial for assessing the efficacy of a polyherbal preparation for COVID 19 among cases and their contacts.

### SPECIALITIES OF THE DEPARTMENT

#### ARV CLINIC REPORT (2020-2021)

#### Activities of Nutrition Clinic (For the Period of July 2020 to June 2021)

Breast Feeding week 2020 celebrating programme Nutrition Education programme for mothers of under 5 children from Rajiv Nagar anganwadi

#### Diabetic diet exhibition in Diabetes Day Programme

Nutrition education programme for PNC mothers from Gynae ward no 14 & 16 is conducted every week at Gynae Ward No. 14.

### OUTREACH ACTIVITIES BY DEPARTMENT

1. School Health Examination

2. UHTC
3. RHTC
4. General Health Camps

#### 1. School Health Examination (2020-2021 )

#### 2. Report on UHTC Jaitala From July 2020 to June 2021

#### 3. Report on RHTC, Katol

Total patients in OPD during the period were 12768, and IPD patients were 235. Total number of patients referred to LMH, Digdoh were 1358.

Following activities were conducted at RHTC.

#### Health Day Celebration

Date	Day
16.7.2020	World population control day
6.8.2020	World Hepatitis day
20.9.2020	World Rabies Day
18.10.2020	World Polio Day
29.11.2020	World AIDS Day
14.1.2021	World Diabetes Mellitus Day
9.3.2021	World Women's Day



## DEPARTMENT OF DERMATOLOGY, VENEROLOGY & LEPROSY

### ACHIEVEMENTS

- ✦ Textbook on Photodermatology (ISBN 978-81-953323-04) by Dr. Sushil Pande -2021.
- ✦ Dr. Sushil Pande was a faculty at Maharashtra Cuticon- November 2020.
- ✦ IADVL SIG (Special Interested Group) as a speaker in CME on Pigmentary disorders on 2nd May -2021.
- ✦ Dr. Manjiri Oke was a Chairperson in CME IADVL Maharashtra ,IADVL Academic on dermatological disorders in pregnancy on 20th June 2021.
- ✦ Dr. Kirtee Meshram as a speaker in CME on "Skin Manifestation in Covid -19 on 11th June-2021.
- ✦ Dr. Sushil Pande is a scientific chairperson at Quarterly scientific meet on 4th July- 2021.

### ONGOING PG PROJECTS

- ✦ Assessment of clinical and mycological response after Itraconazole monotherapy in patients of recurrent and recalcitrant dermatophytosis, a longitudinal study.
- ✦ Student Name :Dr. Chaitali Mane Name of Guide :- Dr. Sushil Pande.
- ✦ Effectiveness and safety of 1% ciclopirox olamine cream v/s 1% luliconazole cream in patients of localized Tinea cruris – A randomized controlled trial.
- ✦ Student Name :Dr. Sumit Jagyasi Name of Guide :-Dr. Milind Borkar
- ✦ Histopathology of hair follicle epithelium after successful clinical outcome with antifungal therapy in patients of recurrent and recalcitrant dermatophytosis – a cross sectional study.
- ✦ Student Name :Dr. Tejas Phulkar Name of Guide :-Dr. Sushil Pande
- ✦ Dermoscopic findings in pared and unpared cases of palmoplantar warts, corns and calluses- A cross sectional study. Student Name :Dr. Sanika Patil Name of Guide :-Dr. Milind Borkar.
- ✦ Onychoscopic findings in distal and lateral subungual onychomycosis: A cross sectional study.
- ✦ Name :Dr. Ruchi Bhandare Name of Guide :-Dr. Milind Borkar.
- ✦ Histopathology of Post Inflammatory hyperpigmentation secondary to psoriasis vulgaris A cross sectional study. Name :Dr. Akshay Saxena Name of Guide :-Dr. Sushil Pande.
- ✦ Dermoscopic findings in Pityriasis Versicolor. A cross sectional study.
- ✦ Name :Dr. Pradnya Asutkar Name of Guide :-Dr. Sushil Pande.

### GUEST LECTURE

- ✦ Guest lecture by Dr. Kirtee Meshram on HIV & AIDS to BCA students of Dr. Ambedkar College of Diksha bhoomi Nagpur. NSS department on 3rd Dec 2020.

### EXTRA-CURRICULAR ACTIVITIES

- ✦ Dr. Sushil Pande is Lead faculty of ADHS Leprosy office of Government of Maharashtra who conducted numerous training programmes in the field of leprosy for medical and paramedical officers in the region of Vidarbha.

### EVENTS ORGANISED

- ✦ Psoriasis day celebrate on 29th Oct-2020.
- ✦ Vitiligo week was celebrated from 21st June to 26th June on the eve of Vitiligo day on 26th June.
- ✦ Workshop of Vitiligo Surgery was done during this week.

## DEPARTMENT OF FORENSIC MEDICINE

### ONGOING RESEARCH PROJECTS:

- ✦ To evaluate the use of smart phones & medical related applications among medical undergraduates - Dr Arti Kasulkar
- ✦ Assessment of medical student's perspective towards LG BT community- Dr Arti Kasulkar
- ✦ Internet addiction in medical students- Dr. Shailesh D. Wakde
- ✦ Relationship of fingerprint with gender in NKP Salve Medical College- Dr. Shailesh D. Wakde

### RESEARCH PROJECTS COMPLETED:

- ✦ Assessment of knowledge and attitude regarding medical ethics among medical students - Dr. Arti Kasulkar.
- ✦ Health-seeking behavioral intentions and prevention practices of medical undergraduates during COVID-19 lockdown period - Dr. Arti Kasulkar.
- ✦ Study on awareness & consciousness towards different medico-legal terms among doctors of private medical institute -- Dr. Shailesh D. Wakde.

### PUBLICATIONS IN INDEXED JOURNAL

- ✦ Assessment of knowledge and attitude regarding medical ethics among medical students - Indian Journal of Forensic Medicine & Toxicology 2020 October-December 2020, Vol. 14, No. 4 pg 71 -76 - Dr. Arti Kasulkar , Ms. Ayushi Keoliya , Dr. Madhur Gupta.
- ✦ Health-seeking behavioral intentions and prevention practices of medical undergraduates during COVID-19 lockdown period - Pravara Med Rev; December 2020, 12(04) 65 – 69 - Dr. Arti Kasulkar, Dr. Madhur Gupta.
- ✦ Study on awareness & consciousness towards different medico-legal terms among doctors of private medical institute - World Journal of Pharmaceutical and Medical Research - 2021, 7(4), 178-181 - Dr. Shailesh D. Wakde and Dr. H. T. Kanade



## DEPARTMENT OF GENERAL MEDICINE

### Achievements

1. Dr. Tanuja Manohar spoke in Marathi on Radio (Aakashwani) on 25/5/2021 topic was COVID -19: Symptoms & Treatment.
2. COVID Samwaad organized by NMC, IMA on COVID – 19 Speaker- Dr. Tanuja Manohar. Programme was aired on UCN channel and Facebook on date 14/10/2020
3. Annual Staff Research Presentation Award Dr. Sunanda Chaoji second prize for the year 2019-2020

### On Going PG Research Projects

Title of the Thesis	:- Clinico Etiological Profile And Assessment Of Pulmonary Hypertension by 2 D Echo and Doppler in patient of chronic kidney disease
Name of Investigators	:- Dr. Dinesh Pawar, Dr. N. R. Humaney
Title of the Thesis	:- Clinical Profile of Chronic Alcoholics Of Assessment Of Left Ventricular Systolic Dysfunction By Speckle Tracking 2 D Echo
Name of Investigators	:- Dr. Dinesh Giri, Dr. N. R. Humaney
Title of the Thesis	:- Clinical Profile Of Vitamin D Deficiency In Newly Detected Type 2 Diabetes Mellitus - A Cross Sectional Study
Name of Investigators	:- Dr. VirendraBhad, Dr. R. P. Mundle
Title of the Thesis	:- Clinical And Biochemical Parameters Associated In Hospital Of Mortality Among Cirrhosis of Liver
Name of Investigators	:- Dr. AbhilashKavitkar, Dr. T. P. Manohar
Title of the Thesis	:- Clinico Etiological Profile & Echocardiological Profile Of Patients With Heart Failure
Name of Investigators	:- Dr. Sayali Kolse, Dr. N. R. Saoji
Title of the Thesis	:- Association of Non Alcoholic Fatty Liver Disease (Nafld) With Anthropometry, Glycaemic Status and Dyslipidemia in Type-II Diabetes Mellitus: An Analytical Cross-Sectional Study
Name of Investigators	:- Dr. Kaushik Marathe, Dr. ShilpaDeoke
Title of the Thesis	:- Metabolic Syndrome In Patients With Ischemic Stroke
Name of Investigators	:- Dr. LokeshPawar, Dr. Anil Modak
Title of the Thesis	:- Prevalence of Thyroid Dysfunction In Type 2 Diabetes Mellitus

Name of Investigators	:- Dr. Sanket Bari, Dr. Sunanda Chaoji
Title of the Thesis	:- Association Between Serum Gamma- Glut Amyl Transferase & Metabolic Syndrome - A Case Control Study.
Name of Investigators	:- Dr. AkshayShelar, Dr. N. R. Humaney
Title of the Thesis	:- Clinical Profile Of Acute Stroke Patients With Special Reference To Hyponatremia – A Cross Sectional Study
Name of Investigators	:- Dr. ShubhamToshniwal , Dr. N. R. Humaney
Title of the Thesis	:- Association Between Creatine Kinase – MB And Hypertension In Elderly Population – A Case Control Study
Name of Investigators	:- Dr. Ajay Narwade, Dr. N. R. Humaney
Title of the Thesis	:- Neurological Manifestations of B12 Deficiency – A Cross Sectional Study
Name of Investigators	:- Dr. Aviral Meshram, Dr. R. P. Mundle
Title of the Thesis	:- Profile Of Mineral And Bone Disease In Chronic Kidney Disease A Cross Sectional Study
Name of Investigators	:- Dr. Prithvi Mundada , Dr. T. P. Manohar
Title of the Thesis	:- Clinical And Biochemical Profile Of Hepatic Function In Third Trimester of Pregnancy – A Cross Sectional Study
Name of Investigators	:- Dr. Zumit Shah, Dr. T. P. Manohar
Title of the Thesis	:- Profile Of Pleuropulmonary Manifestations In Patients Of Cirrhosis Of Liver – A Cross Sectional Study
Name of Investigators	:- Dr. DnyaneshwarKadule , Dr. T. P. Manohar
Title of the Thesis	:- Clinical Profile Of Chronic Obstructive Pulmonary Disease Patients With Special Reference to Cardiac Risk Factors and Ambulatory Blood Pressure Monitoring Values-A Cross Sectional Study
Name of Investigators	:- Dr. Sandeep Tumwad, Dr. N. R. Saoji
Title of the Thesis	:- Clinical Profile And Outcome Of Encephalopathy In Elderly. A Cross Sectional Study
Name of Investigators	:- Dr. Nitin Zade, Dr. NeelimaSaoji
Title of the Thesis	:- Association Of Various Risk Factor With Diabetic Retinopathy- A





Case Control Study	
Name of Investigators	:- Dr. AkshayDarak , Dr. N. R. Saoji
Title of the Thesis	:- Serum Zinc And Its Association With Severely And Complication In Liver Cirrhosis an Cross Sectional Study
Name of Investigators	:- Dr. ShrayasMilmile , Dr. ShilpaDeoke
Title of the Thesis	:- Cognitive Dysfunction Inpatients Of DM Type 2 Cross Sectional Study
Name of Investigators	:- Dr. DhruvLaddhad , Dr. ShilpaDeoke
Title of the Thesis	:- Comparison of Serum Ferritin Levels In Relation To Components Of Metabolic Syndrome – An Analytical Cross Sectional Study
Name of Investigators	:- Dr. Rucha Todkar, Dr. Vivek Pande
Title of the Thesis	:- Thyroid Profile In Patients Of Chronic Kidney Disease In Tertiary Care Hospital- A Cross Sectional Study
Name of Investigators	:- Dr. AksayChhajed , Dr. Vivek Pande
Title of the Thesis	:- Risk Factors Of Ischemic Stroke Among Non-Diabetes With Special Reference to Microalbuminuria – A Case Control Study
Name of Investigators	:- Dr. SwapnilIngole, Dr. ShilpaDeoke
Title of the Thesis	:- Correlation Of Epicardial Fat Thickness With Parameter Of Metabolic Syndrome in Type 2 DM Patients. A Cross Sectional Study
Name of Investigators	:- Dr. Ajinkya Agrawal , Dr. Sunanda Chaoji
Title of the Thesis	:- Assessment Of Vitamin D Level In Acute Coronary Syndrome (ACS)
Name of Investigators	:- Dr. KunalDomki , Dr. ShilpaKuthe
Title of the Thesis	:- Correlation Of Hs-CRP With Glycemic Control And Lipid Profile In Adults with Type 2 Diabetes Mellitus – A Cross Sectional Study
Name of Investigators	:- Dr. AdilAkbani, Dr. ShilpaKuthe

#### THESIS COMPLETED

Title of the Thesis	:- Kidney Biopsy As A Diagnostic Tool In Renal Diseases
Name of Investigators	:- Dr. AtharvaChintawar, Dr. Nalini Humaney
Title of the Thesis	:- Serum Albumin As A Prognostic Marker In Critically Ill Patients
Name of Investigators	:- Dr. Gaurav Allewar, Dr. Nalini Humaney
Title of the Thesis	:- Study Of Cardiovascular Complications Of Liver Cirrhosis
Name of Investigators	:- Dr. Akash R Karwa, Dr. R. P. Mundle
Title of the Thesis	:- Electrolyte And Acid Base Disturbances In Patients With Cirrhosis Of Liver
Name of Investigators	:- Dr. Ankit Jaiswal, Dr. T. P. Manohar
Title of the Thesis	:- Clinical Profile and Radiological Features in Cerebral Sinus Venous Thrombosis
Name of Investigators	:- Dr.Kunal A. Patankar, Dr.Neelima Saoji
Title of the Thesis	:- Thyroid Profile in Patients of Cirrhosis of Liver: A Cross- Sectional Study
Name of Investigators	:- Dr. Rahul Rathod, Dr. Shilpa Deoke
Title of the Thesis	:- Study of Left Ventricular Hypertrophy In Patients Of Chronic Renal Failure on Maintenance Dialysis by 2-D Echo
Name of Investigators	:- Dr.Achyut Kannawar , Dr. P. K. Deshpande

#### Event Organized & Webinar Conducted

1. Title of the Webinar	:- Webinar for MBBS Students on COVID - 19
Faculty	:- Dr. ShilpaDeoke, Dr. Anil Modak& Dr. Vivek Pande
Date	:- 30 June 2020
Time	:- 12.00 noon to 1.00 pm
	Webinar for MBBS Students on COVID – 19
2. Title of the Webinar	:- MUCORMYCOSIS
Faculty	:- Dr. Tanuja Manohar
Date	:- 04.06.2021
Organized by	:- NKPSIMS
3. Title of the Webinar	:- Acute Rheumatic Fever Past, Present & Future
Faculty (Alumni)	:- Dr. Vaibhav Patil
Date	:- 04.06.2021
Organized by	:- General Medicine Department





# DEPARTMENT OF GENERAL SURGERY

## 1. Achievements / Awards

1. Dr. Jyoti Gupta Best Paper Presentation -ASICON 2020
2. Dr. Rohit Kate Best Paper Presentation -ASICON 2020
3. Dr. Deep Mashru Best Paper Presentation -ASICON 2020
4. Dr. Janak Thadani Best Paper Presentation -ASICON 2020

## 2. On Going Thesis

2019

S.N.	Name of PG	Name of Guide	Topic
1	Dr. Abhishek Mankar	Dr. Murtaza Akhtar	Carcinoma Breast : Clinical Profile and Management – A longitudinal study
2	Dr. Ankit Chaware	Dr. Murtaza Akhtar	Breast Fibroadenoma : Clinical profile, Imaging and Management: An observational study
3	Dr. Amey V. Gawali	Dr. Nitin Wasnik	Clinical Profile & Management of chronic Pancreatitis : A cross sectional study
4	Dr. Manasi U. Dalvi	Dr. T.R.V. Wilkinson	Effectiveness of Gasless vs Conventional Appendectomy: A Non Randomised Controlled Trial
5	Dr. Sanket P. Dhamne	Dr. Satish Deshmukh	Clinical Profile and Management of Peripheral Arterial Occlusive Disease of Lower Limb : An Observational Study
6	Dr. Anupama A. Kashid	Dr. Swanand E. Chaudhary	Clinical Profile of Acute Abdomen Requiring Surgical Management- An Observational Study
7	Dr. Swapnil S. Ugale	Dr. Mohd. Yunus Shah	Solitary Thyroid Nodule : Clinical Profile and Management : An Observational Study
8	Dr. Pankaj Goyal	Dr. Mahendra Chauhan	Demographic Clinical, Imaging and Operative Factors Associated with Difficult Laparoscopic Cholecystectomy
9	Dr. Pratik Chavan	Dr. Sushrut Fulare	Clinical Presentation And Management Of Varicose Veins Of Lower Limb: An Observational Study
10	Dr. Avinash B. Dhumal	Dr. Rajiv Sonarkar	Bilateral Inguinal Hernia Clinical Profile & Management : An Observational Study
11	Dr. Nilesh Dabhade	Dr. Divish Saxena	Clinical Profile and Management of

S.N.	Name of PG	Name of Guide	Topic
12	Dr. Pratik Singh	Dr. Abhay Choudhari	Chronic Fissure in Ano : A Descriptive Cross sectional Study Clinical profile and management of liver abscess-an observational study

## 3. Thesis Completed

S.N.	Name of PG	Name of Guide	Topic
1	Dr. Deep Mashru	Dr. M. A. Akhtar	Acute Pancreatitis : Etiological factors and Evaluation of Predictive Prognostic Scores- A Longitudinal Study
2	Dr. Radha Lote	Dr. M. A. Akhtar	Surgical Site Infections in Abdominal Surgeries : Risk Factors, incidence and Management – an Analytical Observational Study
3	Dr. Shalabh Janbandhu	Dr. M. K. Chauhan	Obstructive Jaundice – Clinical Profile and Management : An Observational Study
4	Dr. Navinkumar Wasnik	Dr. P. N. Katakwar	Abdominal Tuberculosis : Clinical Profile and Management : An Observational Study
5	Dr. Sidak Singh Arora	Dr. B. S. Gedam	Cholelithiasis : Clinical Profile, Management and Chemical Analysis of Gall Stones : an Observational Study
6	Dr. Janak Thadani	Dr. Mohd. Yunus Shah	Necrotizing Fasciitis : Prognostic Factors Affecting its Outcomes- An Analytical Observational Study
7	Dr. Devansh Mishra	Dr. Nitin Wasnik	Colorectal Cancer : Clinical Profile And Management – An Observational Study
8	Dr. Zansher Khan	Dr. Divish Saxena	Harmonic Scalpel Axillary Dissection Versus Conventional Dissection in Modified Radical Mastectomy : Non Randomized Controlled Trial
9	Dr. Rohit Kate	Dr. S. D. Deshmukh	Diabetic Foot Ulcers : Predictors of wound healing and Amputation
10	Dr. Jyoti Gupta	Dr. S. M. Fulare	Factors affecting Morbidity and Mortality in Patients of Secondary Perforation : An Analytical Observational Study
11	Dr. Rahul Dhole	Dr. T.R.V. Wilkinson	A Study of Cervical Lymphadenopathy : Clinical Features and Management – A Descriptive Study





## 4. Paper Presentations by the Department

## ASICON 2020

1. Dr. Deep Mashru :Acute Pancreatitis : Etiological factors and Evaluation of Predictive Prognostic Scores- A Longitudinal Study.
2. Dr. Jyoti Gupta : Factors affecting Morbidity and Mortality in Patients of Secondary Perforation : An Analytical Observational Study
3. Dr. Janak Thadani : Necrotizing Fasciitis : Prognostic Factors Affecting its Outcomes-An Analytical Observational Study
4. Dr. Rohit Kate : Diabetic Foot Ulcers : Predictors of wound healing and Amputation
5. Dr. Radha Lote : Surgical Site Infections in Abdominal Surgeries : Risk Factors, incidence and Management – an Analytical Observational Study
6. Dr. Devansh Mishra : Colorectal Cancer : Clinical Profile And Management – An Observational Study
7. Dr. Rahul Dhole : A Study of Cervical Lymphadenopathy : Clinical Features and Management – A Descriptive Study
8. Dr. ZansherNazar : Harmonic Scalpel Axillary Dissection Versus Conventional Dissection in Modified Radical Mastectomy : Non Randomized Controlled Trial
9. Dr. ShalabhJanbandhu : Obstructive Jaundice – Clinical Profile and Management : An Observational Study
10. Dr. Siddaksingh Arora : Cholelithiasis : Clinical Profile, Management and Chemical Analysis of Gall Stones : an Observational Study
11. Dr. NavinkumarWasnik : Abdominal Tuberculosis : Clinical Profile and Management : An Observational Study

## MASICON 2021

1. Dr. Pratik Chavan : Mucinous cystadenoma of Appendix : A rare presentation.
2. Dr. SanketDhamne : Evaluation of platelet rich plasma in patient of chronic non-healing ulcer.
3. Dr. AmeyGawali :A rare case report of patient vitellointestinal duct causing Intussusception in neonates.
4. Dr. Pratik Singh : Acquired diaphragmatic hernia in an adult – A case report.
5. Dr. Aniket Chaware : Fungating dermatofibrosarcoma : A rare case
6. Dr. Mansi Dalvi : Gasless Laproscopic Appendectomy.

## MASICON 2021

1. Dr. Abhishek Mankar : Foreign Body in rectum – forgotten gauze pieces presenting as a fecolith with sub acute intestinal obstruction.
2. Dr. AvinashDhumal :Adenocarcinoma of small bowel presenting as obstruction incisional hernia.
3. Dr. AdhishreeUmale : Banti's syndrome
4. Dr. Aishwarya Tare : Bilateral lower limb peripheral arterial thrombosis in Covid – 19 patient – A rare presentation
5. Dr. Om Chilwant :- Plasmacytoma skull

## NIMACON 2021

1. Dr. AmeyGawali : A rare case report of patient vitellointestinal duct causing Intussusception in neonates.
2. Dr. Avinash Dhumal : Giant Liver Hemangioma : A Rare Entity

## Achievements

1. Dr. NeenaNagdeo,Dr. Umesh Hassani,Dr. UjjwalaDehankar and Dr. Rashmi Mahalle have completed Quality Management System training (ISO 15189)and are Internal Auditors.
2. Viral Research and Diagnostic Lab is set up in Dept of Microbiology with BSL II Facility. This lab is NABL Accredited and is well equipped for molecular diagnosis of Infectious Diseases.  
Viral Research & Diagnostic Laboratory VDRL

Viral Research & Diagnostic Laboratory was set up in the Department of Microbiology in view of pandemic situation in India. This laboratory is having separate Viral extraction room with Biosafety cabinet , Master Mix room , Template addition room and PCR room. It is a BLS II laboratory with restricted entry. Molecular diagnosis of Infectious diseases is done by RTPCR testing in Himedia – InstaQ Machine which is an open system.

This laboratory is accredited by NABL on 18th January 2021 for RNA PCR tests. Presently COVID – 19 , HCV and Influenza RTPCR tests are being carried out in this laboratory. The laboratory is well equipped to cope up with future challenges in Molecular Diagnostics

## EVENTS ORGANISED

1. Panel discussion on Myths and Challenges on COVID Vaccine was organized for MBBS students in which Dr. Umesh Hassani was the panelist and Dr. Kalpana Date was moderator.
2. Panel Discussion on COVID19 and Mucormycosis was organized on zoom platform on 4th June 2021, about 95 participants attended this event.



## DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

### Achievements

#### Dr. Sulabha Joshi-

- ▲ ALSO instructor
- ▲ Convener of PG FORCE 2021 Conference

#### Dr. Anuja Bhalerao

- ▲ Best Teacher award by NKP Salve Institute of Medical Sciences.
- ▲ Faculty for Webinar on Respectful Maternity Care by national 2. Quality of Care network- Feb 2021
- ▲ Convener of PG FORCE 2021 Conference – March 2021
- ▲ Faculty for workshop on Uterine Balloon Therapy and Nonpumatic antishock garment in Postpartum haemorrhage.- At Daga Hospital under aegis of Govt. of India.on 21-6-21

#### Dr. Varsha Kose

- ▲ Certified family planning counsellor course at World population stabilization fortnight organized by NOGS and as faculty for the same, July 2020
- ▲ Faculty for PG Force 2021, March 2021
- ▲ ICMR basic course in biomedical research, March 2021

#### Dr. Savita Somalwar

- ▲ Certified family planning counsellor course at World population stabilization fortnight organized by NOGS and as faculty for the same, July 2020
- ▲ Prepared educational video on breastfeeding on behalf of obgy department, Aug 2020.
- ▲ Panel discussion on Ullipristal acetate in fibroid uterus September 2020
- ▲ Prepared video of cord prolapse– NOGS Jan 2021
- ▲ PG FORCE March 2021
- ▲ ICMR basic course in biomedical research, scored 86% March 2021
- ▲ Expert for public awareness on menstrual hygiene-NOGS May 2021
- ▲ Speaker menstrual hygiene at M. Deshmukh institute of nursing education and VSPM May 2021
- ▲ Prepared video on forceps delivery – NOGS
- ▲ Contributed for educational videos for medical officers' training programme with NARCHI and NOGS - June 2021
- ▲ Faculty for workshop on Uterine Balloon Therapy and Nonpumatic antishock garment in Postpartum haemorrhage.- At Daga Hospital under aegis of Govt. of India.on 21-6-21

#### Dr. Nikita Vijay

- ▲ PG FORCE, March 2021
- ▲ Organizing secretary

- ▲ Quiz master
- ▲ Special appreciation award(AMOGS PAC reels contest on World Environment Day ) June 2021
- ▲ International Ovarian tumor analysis
- ▲ USG training , 2020

#### Dr. Prachi Dixit

- ▲ Worked as member in task force for preparing curriculum in OBGY in MUHS
- ▲ Passed certificate course by IOTA(international tumor analysis board)
- ▲ Passed certificate course in basic ultrasound by International society of ultrasound in Obs and gyne, attained membership of society.
- ▲ Best research paper award by NKPSIMS and best poster award by JNMC Sawangi.

#### Dr. Kanchan Dwidmuthe

- ▲ Faculty for World population stabilization fortnight counselor training programme 2020, July 2020
- ▲ Faculty for PG FORCE 2021 OBGY, March 2021
- ▲ Contributed for educational videos for medical officers' training programme with NARCHI, June 2021
- ▲ Contributed for educational videos NOGS

#### Dr. Rohini Bhyor

- ▲ Speaker for menopause program organised for staff at NKPSIMS, Lets talk menopause in October 2020
- ▲ Speaker for women day program – Awareness about women's health at Raisonni business School, Kasturchand Park, Nagpur, March 2021
- ▲ Prepared video for forceps delivery for PG Force March 2021

#### Dr. Pallavi Khangar

- ▲ Prepared and submitted teaching video on eclampsia management with Dr. Prachi Dixit in November 2020
- ▲ Completed ICMR course in BCBR,
- ▲ Faculty in PG Force March 2021, March 2021
- ▲ MOC in PG force, March 2021

#### Dr. Sheela Jain

- ▲ Organized breast feeding week in association with paediatrics department - PG Quiz, Rangoli, Solgan Camp, Aug 2020
- ▲ Prepared educational video on breastfeeding on behalf of obgy department, Aug 2020
- ▲ Organized webinar – NARCHI Nagpur – Complications + Negligence in obstetrics, August 2020
- ▲ Moderated a Q & A session in medicolegal CME, Sept 2020
- ▲ Panelist for panel discussion on medical management of fibroid, organised by NARCHI, Sep 2020
- ▲ CME on contraception with AMWN, Sept 2020
- ▲ Conducted panel discussion on pre term labour at NARCHI webinar, Sept 2020





- ▲ Webinar on medical disorders in pregnancy, October 2020
- ▲ CME on Women and PCOS, NARCHI with AMWN and AMOGS, November 2020
- ▲ Adolescent health camp at Dayanand Arya Kanya Vidyalaya, spoke on diet and exercise, December 2020
- ▲ Prepared video for shoulder dystocia and exercise in pregnancy, for NOGS, Jan 2021
- ▲ PG Force, March 2021
- ▲ Prepared video on PPH management
- ▲ Completed ICMR course on BCB, secured 78%
- ▲ Faculty at webinar by menopause society Nagpur, topic – Menopausal Hormone therapy, May 2021
- ▲ Prepared video drill on pelvic assessment for Project Rural Connect of NOGS, June 2021

#### Dr. Rita Bang

- ▲ Organizing member for Counselor training program on occasion of World Population stabilization fortnight, August 2020
- ▲ Faculty and MOC in PG FORCE 2021
- ▲ MOC in CME by NARCHI on hypothyroidism, antibiotics and thromboprophylaxis in pregnancy, March 2021
- ▲ 3rd Prize in poster presentation on Rare case scenario of Von Wyk Grumbach Syndrome" with resident(Dr.Sneha) in PG FORCE 2021, March 2021

#### Dr. Priyanka Shelkar

- ▲ Faculty and MOC in PG FORCE 2021, March 2021
- ▲ 2nd prize in poster presentation on rare case of MRKH syndrome with resident (Dr. Priyanka Thakur) in PG FORCE, March 2021
- ▲ **Dr. Shruti Khapre**
- ▲ 1. Faculty and MOC in PG FORCE 2021, March 2021

#### Dr. Sharvari Lothe

- ▲ As a faculty and MOC in PG FORCE 2021
- ▲ Passed DNB , 1st prize in AMOGS conference for paper presentation

#### Dr. Snehal Naphade

- ▲ ICOG Fellowship in ART completed in July 2020
- ▲ As a faculty and MOC in PG FORCE 2021
- ▲ Fellowship in artificial reproductive medicine
- ▲ Basics and beyond surgical technique Quiz – Dr. Aishwarya Khalatkar and Dr. Aditi Sawant- Winners .
- ▲ E poster presentation- Dr. Shreya Mogre – 2nd prize
- ▲ E poster presentation- Dr. Arti More – 2nd prize
- ▲ Virtual Paper presentation- Dr. Apurva Patny – 2nd prize
- ▲ E poster presentation- Dr. Sneha Deokar -3rd prize
- ▲ E poster presentation- Dr. Priyanka Thakur- 3rd prize

#### ▲ Ongoing PG Project

1. Vitamin D deficiency ,a risk factor in women with hypertensive disorders of pregnancy – a case control study - Dr. Arti More -Guide Dr. Sulabha Joshi.
2. Maternal vitamin D deficiency -a risk factor for preterm birth-case control trial- Dr. Anuradha v Hon -Guide Dr. Sulabha Joshi
3. Effectiveness of misoprostol versus suction evacuation for termination of pregnancy in women with first trimester missed abortion -a randomised controlled trial- Dr. Ashwini Nimje-Guide Dr. Sulabha Joshi.
4. Effect of mobile phone call reminders with standard therapy versus standard therapy alone on compliance to iron supplementation in antenatal women with iron deficiency anaemia -A Randomised controlled trial- Dr. Priya Sonatkar- Guide Dr. Anjali Kawthalkar.
5. Effectiveness of injection magnesium sulfate versus tablet nifedipine as a tocolytic agent in women with preterm labour- A Randomised Controlled Trial- Dr. Sneha Deokar- Guide- Dr. Anuja Bhalerao.
6. Serum uric acid levels and severity of disease in women with hypertensive disorders of pregnancy – an analytical cross sectional study -Dr. Apurva Patny -Guide Dr. Savita Somalwar.
7. Levels of serum calcium and magnesium a risk factor in women with preeclampsia -A case control study- Dr. Shreya Mogre- Guide Dr. Varsha Kose.
8. To study the diagnostic accuracy of Diabetes in Pregnancy Study Group of India (DIPSI) as compared with International Association of Diabetes in Pregnancy Study Group (IADPSG) criteria for the diagnosis of gestational diabetes mellitus in antenatal women - A Diagnostic Accuracy Study -Dr. Vaidehi Chaudhary- Guide Dr. Prachi Dixit.
9. Efficacy of prophylactic intravenous tranexamic acid and standard therapy versus standard therapy alone in reducing blood loss during and after elective caesarean section in antenatal women at term gestation – a randomised controlled trial- Dr. Shrushti Mishra –Guide Dr. Nikita Vijay.
10. Neutrophil to lymphocyte ratio and platelet to lymphocyte ratio in antenatal women with pre eclampsia – A case control study- Dr. Dipanjali Thombre Guide Dr. Joshi.
11. Effect of educational handouts with standard therapy versus standard therapy alone on compliance to oral iron supplementation in antenatal women with iron deficiency anemia – A randomized control trial- Dr. Anushree Shetty Guide Dr. Anjali Kawthalkar.
12. Risk factors associated with intrauterine growth restriction – a case control study Dr. Priyanka Dapkekar Dr. Anjali Kawthalkar.
13. Raised maternal homocysteine levels in antenatal women at 10-14 weeks of gestation and placenta mediated complications - A cohort study Dr. Priyanka Thakur- Guide Dr. Anuja Bhalerao.
14. Low serum antimüllerian hormone levels in antenatal women at 11-14 weeks of gestation as predictor of pre eclampsia – A cohort study Dr. Prajwal Tovhar Guide Dr. Anuja Bhalerao.
15. Frequency of metabolic syndrome in post menopausal women and its association with menopausal symptoms – An analytical cross sectional study Dr. Vishal Raman Guide Dr. Varsha Kose.
16. Accuracy of spot urine albumin creatinine ratio with respect to 24 hour urine albumin for detection of proteinuria in antenatal women with pre eclampsia – A descriptive study Dr. Shraddha Rao Guide Dr. Savita



Somalwar.

17. Obstetric outcome in women undergoing second stage caesarean section – A cross sectional study Dr.Charmy Vashi- Guide Dr. Nikita Vijay.
  18. Acceptance of post partum intrauterine contraceptive devices in women with focused family planning counselling in antenatal period as compared to routine counselling – A randomised control trial Dr. Ashwini Najan Guide Dr. Prachi Dixit.
  19. Frequency of thyroid disorder in pre and postmenopausal women and its association with menopausal symptoms- An analytical cross sectional study Dr. Manjusha yadav Guide Dr. Varsha Kose.
  20. Misoprost versus suction evacuation in management of patients with incomplete abortion-A randomized controlled trial Dr. Rashmi Sakharwade Guide Dr. Sulabha Joshi.
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## DEPARTMENT OF OPHTHALMOLOGY

### ACHIEVEMENTS :

- ▲ Dr Rekha Khandelwal -QUIZ MASTER FOR INTER NATIONAL QUIZ ,Asia-Pacific Trauma Society on 6th September 2020
- ▲ Member in the panel of experts developing International Council Ophthalmology's (ICO) latest Ophthalmic Surgical Competency Assessment Rubric (OSCAR) for ruptured globe.
- ▲ Country Representative India – Asia Pacific Ocular Trauma Society(APOTS)
- ▲ Webinar and CME : faculty talk in Glaucoma under OSN

### QUIZ MASTER FOR NATIONAL QUIZ - NATIONAL AND REGIONAL

- ▲ Online cornea quiz on 23rd August 2020
- ▲ Online quiz on Glaucoma on 11th October 2020
- ▲ Online quiz on Orbit, Oculoplasty and uvea on 11th December 2020
- ▲ Online quiz on Retina in February 2021
- ▲ Online quiz on Pediatric Ophthalmology and Neuro-ophthalmology in March 2021

### Dr. Rhutuja Deo

- ▲ MUHS recognized Vitreo retinal Fellowship completed 2020-2021
- ▲ RESIDENTS - International quiz competition
- ▲ Dr.Shreyas Dhamorikar won the 1st prize in quiz conducted by Asia – Pacific Ocular Trauma Society (APOTS) on 6th September 2020
- ▲ Vidharbha Ophthalmic Society Virtual Conference
- ▲ Dr.Riddhi Vora won the 1st prize in Free Paper category VOS - VRCON 2020 for her paper on 'Work related ocular injuries' (Guide : Dr Khandelwal); received Travel fellowship award & Dr Jaiveer Agarwal prize

### Online Intercollegiate Quiz Regional level (OSN)

- ▲ Cornea Quiz : 9th August 2020
- ▲ Runners up - Dr Shreyas Dhamorikar
- ▲ Glaucoma Quiz : 11th October 2020 :
- ▲ Winner - Dr Apurva Sthapak (Jr3)
- ▲ Runners up – Dr Aseera Mommin (Jr3)
- ▲ Orbit and Oculoplasty Quiz : 11th December 2020 : Winner Dr Riddhi Vora (Jr2)

### ONGOING PG RESEARCH PROJECTS

- ▲ Clinical profile and Visual Outcome of Work-Related Eye Injuries- A Longitudinal Study. Dr. Riddhi Vora , Dr Rekha Khandelwal
- ▲ A Comparative study of peripapillary retinal nerve fibre layer thickness and Macular Thickness in Normal and Glaucomatous Eyes by Spectral Domain Optical coherence tomography: A cross sectional analytical study. Dr. Aditi Rao, Dr Rekha Khandelwal





- ▲ Estimation of Surgically Induced Astigmatism After small incision cataract surgery done by Junior Residents- An Observational Longitudinal Study. Dr. Uttkarsha Thakare, Dr. Archana Nikose.
- ▲ Clinical Profile and Management of Lens Induced Glaucoma - A Longitudinal Observational Study. Dr. Manjushree Pawar, Dr. Dharmendra Kose
- ▲ Accuracy of smart phone imaging versus clinical examination in diagnosis of ocular disorders in a rural based hospital – Dr. Kinnari Shah, Dr. Rekha Khandelwal
- ▲ Prevalence of ocular disease among 50 yrs in a rural community in central India – Dr. Rohan Sonwane, Dr. Rekha Khandelwal
- ▲ To determine central macular thickness following cataract surgery with posterior chamber intraocular lens implantation by manual small incision cataract surgery and phacoemulsification by optical coherence tomography – Dr. Amol Kendre, Dr. Dharmendra Kose
- ▲ Correlation of intelligence quotient with myopia – Dr. Apeksha Rakhonde, Dr. Archana Nikose
- ▲ Evaluation of changes in corneal curvature and visual acuity following pterygium surgery – Dr. Priyadarshini Patil, Dr. Archana Nikose

#### THESIS COMPLETED

- ▲ Surgical outcome of intracameral Bevacizumab versus Mitomycin-C in Trabeculectomy combined with cataract surgery in Primary Glaucoma and Pseudoexfoliative Glaucoma- A Non randomized controlled trial. Dr. Apurva Sthapak, Dr. Rekha Khandelwal.
- ▲ Surgical outcome of combined pars plana vitrectomy with scleral buckle vs pars plana vitrectomy in Patients of rhegmatogenous retinal detachment-A randomized controlled trial. Dr. Zubin D'souza, Dr. Rekha Khandelwal, Dr. Bodhraj Dhawan.
- ▲ Incidence of tear film dysfunction after clear corneal phacoemulsification in diabetics and non-diabetics-A prospective cohort study. Dr. Aseera Momin, Dr. Archana Nikose.

#### EVENTS ORGANISED

##### INTERNATIONAL

Ocular Trauma Quiz (Asia-Pacific Trauma Society) on 6th September 2020

##### NATIONAL AND REGIONAL

- ▲ Online cornea quiz on 23rd August 2020
- ▲ Online quiz on Glaucoma on 11th October 2020
- ▲ Online quiz on Orbit, oculoplasty and uvea on 11th December 2020
- ▲ Online quiz on Retina in February 2021
- ▲ Online quiz on Paediatric Ophthalmology and Neuro-ophthalmology in March 2021
- ▲ MET Hands-On Workshop: ABC of how to make a real time quiz: An innovative teaching-learning tool
- ▲ Faculty : Dr Rekha Khandelwal and Dr Deepa Kumar
- ▲ For Teachers - 29th June 2020 in Eye department
- ▲ National Eye donation fortnight August 25th to September 8, 2020
- ▲ Eye donation program – flyers for eye donation distributed in eye OPD
- ▲ World Glaucoma week : March 8th to 14th 2021

- ▲ To create public awareness flyers and pamphlets distributed in Eye OPD regarding Glaucoma.
- ▲ Community Ophthalmology
- ▲ Ongoing Community Ophthalmology Project: Cataract surgeries done under MOIL and NPCB sponsored cataract

#### GUEST LECTURE

- ▲ Webinar and CME : Faculty talk in Glaucoma under OSN
- ▲ Vidharbha Ophthalmic Society Virtual Conference : December 2020

#### Paper Presentation

- ▲ Demographic Profile of Work Related Ocular Injuries in a Tertiary Care Hospital in Central India: Dr. Riddhi Vora, Dr. Rekha Khandelwal
- ▲ Surgically Induced Astigmatism in Manual Small Incision Cataract Surgery done by Residents : Dr. Uttkarsha Thakre, Dr. Archana Nikose
- ▲ Surgical Outcome of combined pars plana vitrectomy with sclera buckle versus plana vitrectomy in patients of rhegmatogenous retinal detachment – a randomized control trial : Dr. Zubin D'souza, Dr. Bodhraj Dhawan, Dr. Rekha Khandelwal
- ▲ Safety and efficacy of ologen implant versus Mitomycin- C in trabeculectomy combined with cataract surgery in patients with primary glaucoma. : Dr. Apurva Sthapak, Dr. Rekha Khandelwal
- ▲ Characteristics and Pattern of visual field of primary open angle glaucoma (POAG) vs primary angle closure glaucoma : Dr. Aditi Ra, Dr. Rekha Khandelwal

#### GUEST LECTURE

- ▲ International Guest Lecture on Corneal Imaging : Virtual lecture by Dr. Rashmi Deshmukh, Senior Cornea Fellow at Cambridge University Hospital, UK on 17 June 2021
- ▲ Hands-on Workshop : Hands-On Intravitreal injections by Dr. Rhutuja Deo, V-R Fellow at NKP SIMS & LMH on 18 June 2021

#### EXTRA INSTITUTIONAL ASSOCIATIONS

- ▲ Dr. Rekha Khandelwal -
- ▲ Executive member in International Society of Ocular Trauma
- ▲ Member in the panel of experts developing International Council Ophthalmology's (ICO) latest Ophthalmic Surgical Competency Assessment Rubric (OSCAR) for ruptured globe.
- ▲ Country Representative India – Asia Pacific Ocular Trauma Society (APOTS)

#### OUT REACH ACTIVITIES

- ▲ Cataract surgeries are being done free of cost under NPCB (National Programme for Control of Blindness), MOIL and Rotary Club
- ▲ Under MPJAY Retina, Paediatric cataract, Glaucoma and Keratoplasty are performed
- ▲ Regular eye OPD at RHTC Katol (every Tuesday & Friday)



## ACHIEVEMENTS

- ▲ NIMACON IMA Nagpur 2020-21
- ▲ Paper and poster presentation winners from the department
- ▲ Paper presentation - 2nd Prize - Dr. Sushant Shrivastava
- ▲ Poster presentation - 1st prize - Dr. Balaji Bharate
- ▲ Poster presentation - 3rd prize - Dr. Ketaki Mohite
- ▲ Poster presentation - 3rd prize - Dr. Aashay Ketkatpure and Dr. Raunak Dhawale

## ON GOING THESIS

- ▲ Functional Outcome Of Internal Fixation Vs Conservative Management For Ulnar Styloid Fracture : A Randomized Controlled Trial Dr. Aadil Jawre, Dr. Sushil Mankar.
- ▲ Functional Outcomes Of Intramedullary Screw Nail Fixation Vs Conservative Management In Displaced Clavicle Fracture Dr. Yash Dhanwani, Dr. Sushil Mankar.
- ▲ Functional outcome of intramedullary screw nail fixation versus plate fixation for the management of adult forearm fracture : A randomized controlled trial. Dr. Nikhil Halmare, Dr. Sushil Mankar
- ▲ Functional outcomes of intra articular injections of autologous platelet rich plasma and placebo in early painful knee osteoarthritis : a randomized controlled trial. Dr. Pranav Suradkar, Dr. Devashis Barick
- ▲ Pre, Intra And Post Operative Factors Associated With Persistent Pain In Patient Undergone Lumbar Disc Surgeries- An Analytical Cross Sectional Study Dr. Balaji Bharate, Dr. Mohammed Faizan.
- ▲ Outcome of unstable intertrochanteric femur femoral nail vs proximal femoral nail with segmentation in adults : A randomized control trial. Dr. Pratik Gaikwad, Dr. Nilesh Joshi
- ▲ Tip locking intramedullary Nail versus plating for the management of Distal Tibia Fracture. Dr. Ketaki Mohite, Dr. Nilesh Joshi.
- ▲ Functional outcome in Tibial spine fracture treated with arthroscopic full through suture technique. Dr. Shalva Natu, Dr. Vikram Sapre.
- ▲ Frequency of sarcopenia in population of age 50 years and more visiting orthopaedics OPD in a tertiary health care centre - Dr. Mihir Maniyar, Dr. Sushil Mankar
- ▲ Functional grade 2 and grade 3 ankle sprains using Heel lock technique with soft synthetic semi rigid walking cast : A prospective study Dr. Rishikesh Pawar, Dr. Devashis Barick.
- ▲ Outcomes of hydro-dilatation of shoulder joint with steroid versus placebo in patient with adhesive capsulitis - Dr. Ankit Chauhan, Dr. Devashis Barick
- ▲ Spino-pelvic parameter associated with low back pain - Dr. Nikhil Bayle, Dr. Mohammed Faizan.
- ▲ Morphometric analysis of radial head using MRI in Indian population. a cross sectional study - Dr. Shubham Vaidya, Dr. Aashay Ketkatpure
- ▲ Outcomes of osteo-synthesis versus hemiarthroplasty in elderly patients of AO-OTA 31A2 hip fractures - A

randomised control trial - Dr. Vismay Harkare, Dr. Nilesh Joshi.

- ▲ Outcomes of intramedullary interlock nailing using suprapatellar versus infrapatellar approach. In patients of Extra articular tibial fracture. - Dr. Yash Shewale, Dr. Nilesh Joshi.
- ▲ Incidence of peri incisional paraesthesia in vertical vs oblique incision in patients requiring hamstring graft harvest : A cohort study - Dr. Aditya Kale, Dr. Vikram Sapre.

## COMPLETED PG PROJECTS

- ▲ Functional Outcomes Of Surgically Treated Tibial Plateau Fractures Using Three Dimensional Printed Models Versus Radiographic Assessment : A Randomized Controlled Trial. Dr. Sushant Shrivastava, Dr. Sushil Mankar
- ▲ Functional outcome of proximal fibular osteotomy in patients with medial compartment osteoarthritis of the knee - a before and after study Dr. Vardhan Ladiwala, Dr. Sushil Mankar
- ▲ Outcomes of surgically treated per-trochanteric femur fractures using the accelerated care pathway with multidisciplinary approach against standard care pathway in a tertiary care hospital - A Randomized Controlled Trial. Dr. Sagar Soni, Dr. Devashis Barick
- ▲ Clinical outcome of fixed length loop devices and adjustable length loop devices for femoral fixation of hamstring graft for arthroscopic anterior cruciate ligament reconstruction - Non Randomized Control Trial. Dr. Kaustubh Patil, Dr. Sushil Mankar.
- ▲ Outcomes of Endoscopic lumbar discectomy vs Micro discectomy to lumbar disc prolapse : A Randomized controlled trial. Dr. Nikhil Tiwari, Dr. Mohammed Faizan
- ▲ Outcomes Of Intertrochanteric Femur Fracture Treated With Proximal Femoral Nail And Proximal Femoral Nail Anti-Rotation II In Elderly Patients - A Randomized Controlled Trial Dr. Raghav Laddha, Dr. Nilesh Joshi
- ▲ Magnetic Resonance Imaging Evaluation Of Safety Of Popliteal Neurovascular Bundle In All Inside Technique Of Medial And Lateral Meniscus Tear Repair In Indian Population - An In Vitro Observational Study. Dr. Swapnil Jashav, Dr. Vikram Sapre

## EVENTS ORGANISED WITH PHOTOS AND WEBINAR CONDUCTED

- ▲ Dr. Sushil Mankar - Emerging trends in Advanced medical systems, applications and system design methodologies - 12/10/16 - 17/10/20
- ▲ Dr. Sushil Mankar - Presenter in Online training session - AICTE sponsored online short term training programme - 16/10/20
- ▲ Dr. Sushil Mankar - Use of simulator & Extended reality in Medical Practices - 16/10/20
- ▲ Dr. Sushil Mankar - use of 3D printing in the field of orthopaedics AICTE sponsored online short term training programme - 02/11/20
- ▲ Dr. Aashay Ketkatpure - participant during hand and upper limb society webinar - 21st November 2020
- ▲ Dr. Sushil Mankar - Guest lecture schedule of STTP 3D printing at GH Rasoni College of Engineering - 03/11/20
- ▲ Dr. Aashay Ketkatpure - BOS advance trauma course virtual - Surgical approach and fixation technique of displaced greater tuberosity fracture - 10/12/20



- ▲ Dr. AashayKekatpure - Hand & upper limb society webinar - Asia pacific hand & upper limb society - 01/02/21
- ▲ Dr. Sushil Mankar - Manual removal of air from Intravenous Line and support in Medical device Hackathon (eMEDHA) - 16/05/21
- ▲ Dr. Sushil Mankar - expert reviewer on final day of medical device hackathon (eMEDHA) - 16/05/21
- ▲ Dr. AshayKekatpure- Arthroscopy camera holder (eMEDHA) - 16/05/21
- ▲ Dr. AashayKekatpure- expert reviewer on final day of medical device hackathon (eMEDHA) - 08/05/21 to 16/05/21
- ▲ Dr. AashayKekatpure - shoulder Brace solution post rotator cuff repair surgery medical device hackathon (eMEDHA) - 08/05/21 to 16/05/21
- ▲ Dr. AashayKekatpure - Drug delivery and infusion in chemotherapy patients and support in medical device hackathon (eMEDHA) - 08/05/21 to 16/05/21

#### Achievements

- ▲ Dr. Vivek V. Harkare - Member of Editorial Board of Indexed Journal, "Current Medical Trends".
- ▲ Dr. Nitin V. Deosthale- Reviewer of Odisha Journal of Otolaryngology and Head neck Surgery & Journal of Evolution of Medical & Dental Sciences.
- ▲ Dr. Kanchan Dhote are Reviewer for the Indexed Journal, "Journal of Evolution of Medical & Dental Sciences
- ▲ Chairman Scientific of AOI, Vidarbha branch for the year 2021-22.
- ▲ Dr. Sonali Khadakkar - Guest Faculty since last five years for Research Methodology Workshops and Faculty for Indian Association of Pediatrics (IAP) Accredited BLS workshops.

#### On Going Thesis

- ▲ Surgical outcome of type-I tympanoplasty in different type of Mucosal Chronic Otitis Media : A Prospective Study. - Dr. Shiwani Pidurkar, Dr. Vivek Harkare
- ▲ Clinicopathological study of Oral and Oropharyngeal malignancy: A Cross-sectional Study. – Dr. Ankit Singh, Dr. Priti Dhoke
- ▲ Clinicopathological profile of Neck masses at Tertiary Healthcare Hospital: A cross Sectional Study- Dr. Abhaysinh Deshmukh, Dr. Vivek Harkare
- ▲ Clinical Profile of Conductive Hearing Loss with Intact Tympanic Membrane: A descriptive Study- Dr. Niharika Batra, Dr. Vivek Harkare
- ▲ Surgical outcome of Endoscopic Endonasal DCR with and without prolene stent in chronic dacryocystitis: A Randomized Controlled Trial- Dr. Pavani Garikapati, Dr. Nitin Deosthale
- ▲ Clinical profile of Oral Submucous Fibrosis in Tertiary Healthcare Hospital: A cross Sectional Study- Dr. Mateen Khursheed, Dr. Nitin Deosthale
- ▲ Study of aeroallergens using skin prick test in patients of allergic rhinitis in Tertiary Healthcare Centre A cross Sectional Study- Dr. Ria Nagrale, Dr. Priti Dhoke

#### Thesis Completed

- ▲ Clinical profile of Sino-nasal masses at a Tertiary Care Hospital: A Descriptive study. – Dr. Priyal Patil, Dr. Nitin Deosthale
- ▲ Evaluation of hearing status and Eustachian tube function in patients of oral sub mucous fibrosis at Tertiary Health Care Hospital.: A cross sectional study hospital-based study. – Dr. Komal Kakad, Dr. Vivek Harkare

#### Events Organized

- ▲ Organized and celebrated World Hearing Day on 23rd March 2021 by evaluation of Hearing and Speech Therapy of Autistic Children of CRPF, Nagpur
- ▲ Organized Webinar on "Effective Doctor Patient Communication" on 22nd April 2021.



### Poster Presentation

- ▲ Dr. Shivani Pidurkar presented Poster on, "Acute Retropharyngeal abscess with atypical presentation and complex recovery: A Rare Case" at AOI Digital Summit, National Online Conference conducted on 19th & 20th Feb 2021.
- ▲ Dr. Ankit Singh presented Poster on, "Orbital complication of Sinogenic Origin" at AOI Summit, National Online Conference on at AOI Digital Summit, National Online Conference conducted on 19th & 20th Feb 2021.

### Out Reach Activities

- ▲ Dr. Vivek Harkare was invited Guest for "COVID Samwad" organized by Nagpur Municipal Corporation and IMA Nagpur on 14th Oct 2020. He also had an interview on Awaz India TV on Take Care of your Ears on 17th Jan 2021 and an interview on Nagpur Republic TV on COVID-19 Pandemic on 21st Jan 2021.

### DEPARTMENT OF PAEDIATRICS

### Achievements

#### EVENTS ORGANISED

1. Breast Feeding week 1st to 7th August
2. ORS Week – every years last week of July
3. Under Graduate & Post Graduate QUIZ college round

Sr. No	Name of the Student	Award	State/National/International	Date	Place
1.	Dr. Bhakti Katariya	2nd Prize for Poster	20th National conference of Adolescent Health Academy- ADOLESCON- 2020	6th ,7th & 8th November 2020	Nagpur
2.	Dr. Vasant Dhawas	Winner for Poster Presentation	XVI-NAPCON 2020 (16th Annual Conference of Academy of Pediatrics Nagpur	31st October 1st November -2020	Nagpur
3.	Dr. Akshay Raundhal	Runner-up for Poster Presentation	XVI-NAPCON 2020 (16th Annual Conference of Academy of Pediatrics Nagpur	31st October -1st November 2020	Nagpur
4.	Dr. Shriya Umalkar	Runner-up for Poster Presentation	XVI-NAPCON 2020 (16th Annual Conference of Academy of Pediatrics Nagpur	31st October -1st November 2020	Nagpur
5.	Dr. Marriam Jatu	Winner for Poster Presentation	XVI-NAPCON 2020 (16th Annual Conference of Academy of Pediatrics Nagpur	31st October -1st November 2020	Nagpur

### Ongoing Research Project under process

Name of the PG	Name of the guide	Title of the thesis	Years
Dr. Ankita Tikalkar	Dr. Nilofer Mujawar	Accuracy of Renal Angina Index as a predictor of Acute Kidney Injury in patients admitted to PICU: A cross sectional study.	2020
Dr. Shriya Umalkar	Dr. Nilofer Mujawar	Accuracy if full outline of unresponsiveness score (FOUR) versus Glasgow coma scale(GCS) to predict outcome in children admitted to Pediatrics Intensive care unit (PICU) A cross- Sectional study	2020



Name of the PG	Name of the guide	Title of the thesis	Years
Dr. Priyanka B.	Dr. Nilofer Mujawar	Diagnostic accuracy of Body mass Index (BMI) and ponderal Index (PI) versus clinical assessment of nutritional status (CAN) score to assess fetal malnutrition in full term neonates : A Cross sectional study	2020
Dr. Akshay Raundhal	Dr. Anjali Edbor	Correlation of anthropometric indices, modified ballards score and LMP in assessment of gestational age amongst newborns between 28-43 weeks of gestation – a cross sectional study.	2020
Dr. Sonal Gupta	Dr. Anjali Edbor	Association between urinary uric acid creatinine ratio and perinatal Asphyxia in asphyxiated newborns- A case control study	2020
Dr. Gagan Gupta	Dr. Girish Nanoti	Clinical Profile of newborn with respiratory distress admitted in NICU of tertiary health hospital, cross sectional study	2020
Dr. Darshana Bhosale	Dr. Girish Nanoti	Clinical Profile of neonates with neonatal sepsis admitted in the NICU of Tertiary health care hospital: A cross sectional study	2020
Dr. Marriam Jatau	Dr. Pradeep Pazare	Diagnostic Accuracy of mean platelet volume and platelet distribution width as compared to other laboratory parameters for diagnosis of sepsis In newborns –A cross sectional study	2020
Dr. Sumit Gedam	Dr. Pradeep Pazare	Diagnostic Accuracy of Umbilical cord Blood Culture Versus Peripheral venous Blood culture In Newborn Babies with High Risk factors for Neonatal sepsis – A Cross sectional study	2020
Dr. Neha Shende	Dr. Himanshu Dua	Accuracy of umbilical cord blood Lactate dehydrogenase vs umbilical cord blood pH in newborns with birth asphyxia	2020

**ACHIEVEMENTS**

- ▲ On the occasion of Amrut Mahotsav of Hon'ble Chairman Shree Ranjeet Deshmukh CCL was Awarded as COVID Warrior Dated on 25/05/2021
- ▲ Dr. OjalAwandkar PG Student 3rd prize in poster presentation NIMACON IMA Nagpur-2020-2021

**ON GOING PG RESEARCH PROJECTS**

- ▲ Pattern of Diseases by 5 Part Cell Counter Scattergram in cases of Pancytopenia: An Observational cross sectional study.  
PG Guide - Dr. S. D. Mahore  
PG Student - Dr. Mariam Siddiqui
- ▲ The Histopathological Spectrum of Gall Bladder Diseases in Cholecystectomy Specimens: An Observational cross Sectional Study.  
PG Guide - Dr. A. R. Wilkinson  
PG Student - Dr. Ojal G. Awandkar
- ▲ Concordance between Cytological & Histopathological grading in invasive breast carcinoma: An observational cross sectional study.  
PG Guide - Dr. A. M. Joshi  
PG Student - Dr. Ashwini A. Sonawane
- ▲ Change in Platelets parameters on five part cell counter and level of D-dimer in Covid-19 patients: A cross sectional study.  
PG Guide - Dr. S. D. Mahore  
PG Student - Dr. Rakhi K. Suryawanshi
- ▲ White blood cell Parameter changes on five part cell counter in COVID-19 Patients: A cross-sectional study.  
PG Guide - Dr. S. D. Mahore  
PG Student - Dr. Sagarika M. Tidke
- ▲ Utility of routine lab parameters & infections biomarker & assess the disease severity in RT-PCR positive COVID-19 in a tertiary care hospital.  
PG Guide - Dr. S. A. Maimoon  
PG Student - Dr. Prerna T. Chautmal
- ▲ Haematological parameter using peripheral smear examination and 5 part cell counter in genetic population



in tertiary care centre:- A cross sectional study

PG Guide - Dr. S. A. Maimoon

PG Student - Dr. Bhavinee Pathak

- ▲ Evaluation & Significance of platelet count & indices in preeclampsia patients.

PG Guide - Dr. K. A. Bothale

PG Student - Dr. Mayuri H. Udasi

- ▲ Accuracy of automated urine analysis versus manual microscopic examination for routine urine analysis – A cross sectional study

PG Guide - Dr. A. M. Joshi

PG Student - Dr. Kalyani R. Reddy

- ▲ Patterns of cervical papanicolour smear in adults women attending tertiary care hospital:- A cross sectional study

PG Guide - Dr. A. M. Joshi

PG Student - Dr. Kalyani R. Reddy

- ▲ The Histopathological Spectrum of Scrotal lesion in a tertiary care hospital:- cross sectional study

PG Guide - Dr. Anne Wilkinson

PG Student - Dr. Aparajita S. Desai

- ▲ International academy of cytology (YOKOHAMA) system categorization of breast fine needle aspiration cytology (FNAC) and its diagnostic accuracy with histopathology- A cross sectional study.

PG Guide - Dr. A. D. Patrikar

PG Student - Dr. Shrushti K. Hatte

- ▲ Clinicopathological profile of uterine lesions in abnormal uterine bleeding:- A cross sectional study

PG Guide - Dr. P. J. Karmarkar

PG Student - Dr. Shirish B. Sonawane

#### PG RESEARCH COMPLETED

- ▲ Study of Thrombocytopenia with special references to various platelet indices

(PDW, MPV, P-LCR, MPC, PLT)- an observational study

PG Guide - Dr. S. D. Mahore

PG Student - Dr. Radha P. Waichal

- ▲ Assessment of modified triple test in the diagnosis of palpable breast lumps in comparison with histopathology as the reference standard – An observational cross-sectional study.

PG Guide - Dr. S. A. Maimoon

PG Student - Dr. Faizan Akhtar

- ▲ Clinicohematological study of leukemias with special emphasis on 5 part hematology analyser – A Descriptive study.

PG Guide - Dr. K. A. Bothale

PG Student - Dr. Sampatti D. Nerkar

- ▲ Evaluation of Red Blood Cell abnormalities in 5 Part cell counter and comparison with Peripheral Smear finding

PG Guide - Dr. A. D. Patrikar

PG Student - Dr. Aishwarya John

- ▲ Cytodiagnostic analysis of body effusion and its clinical significance

PG Guide - Dr. P. J. Karmarkar

PG Student - Dr. Richa Choudhary

#### EVENTS ORGANISED

World Blood Donation Day was celebrated on 14th June 2021 a Slogan / Poster competition at LMH Blood Bank "SAFE BLOOD SAVES LIVES", on 14th June 2021 in blood bank, NKPSIMS, Nagpur.

#### POSTER PRESENTATIONS BY THE DEPARTMENT

- ▲ Dr. Mariam Siddiqui, Poster Presented Topic:-Cytodiagnosis of giant Parathyroid Adenoma- A rare case report, CYTOCON, February 2021
- ▲ Dr. OjalAwandkar, Poster Presented Topic:-Krukenberg tumor with primary in the Appendix, NIMACON, IMA, Nagpur. April 2021.
- ▲ Dr. Aparajita Desai, Poster Presented Topic:-Paratesticular Lip sarcoma-A case report, NIMACON, April, 2021.
- ▲ Dr. ShrushtiHatte, Poster Presented Topic:- Tricofolliculoma- A rare benign tumor, NIMACON, April 2021.
- ▲ Dr. Rakhi Suryawanshi, Poster Presented Topic:- Gallbladder Carcinoma in young female, NIMACON, April 2021.
- ▲ Dr. Sagarika Tidke, Poster Presented Topic:-Tubular Carcinoma of breast, NIMACON, April 2021.
- ▲ Dr. Alisha Quraishi, Poster Presented Topic:-Extramedullary hematopoiesis in Thyroid gland –A rare case report, VAPCON, March 2021.
- ▲ Dr. Bhavinee Pathak, Poster Presented Topic:- Leiomyoma of broad ligament –A location with rare incidence, NIMACON, April 2021.



## DEPARTMENT OF PHARMACOLOGY

### Achievements

(1) Institutional ethics committee (IEC)  
A) institutional ethics committee (IEC) registration for clinical drug trials  
Institutional Ethics Committee (IEC) of N.K.P. SIMS & RC & LMH, Nagpur.

### Registered with

DCGI and CDSCO New Delhi- 110002, India  
Government of India, Ministry of Health and Family Welfare  
Directorate General of Health Services Office of Drugs Controller General India (DCGI)  
AND Central Drugs Standard Control organization (CDSCO) FDA Bhavan,  
Kotla Road, New Delhi- 110002, India

### IEC Registration No. for Clinical Drug Trials:

i) IEC Registration No. : ECR/88/Inst/MH/2013, dated 20/4/2013.  
(Registration valid from 20/04/2013 to 19/04/2016 .... for 3years)

ii) Re-Registration of IEC  
File no.ECR/166/NKP/Inst/MH/2013-Re-Registration-2016  
(Registration valid from 20/04/2016 to 19/04/2019..... for 3years)

iii) Re-Registration of IEC  
File no.ECR/166/NKP/Inst/MH/2013-Re-Registration-2019  
(Registration valid from 20/04/2019 to 19/04/2024... for 5years)

### B) Institutional Ethics Committee (IEC) Registration for Academic Research

Institutional Ethics Committee (IEC) of N.K.P. SIMS & RC & LMH, Nagpur.  
Registered with NECRBHR, DHR, New Delhi- 110002, India  
Department of Health Research, Ministry of Health & Family Welfare Govt of India  
National Ethics Committee Registry for Biomedical and Health Research  
2nd Floor, IRCS Building, 1, Red Cross Road, New Delhi – 11000

### IEC Registration No: for Academic Research

NECRBHR, DHR Provisional Reg: File No: EC/NEW/INST/2020/771  
(Registration valid from 01/12/2020 to 30/11/2022 .....for 2years)

### (2) Pharmacovigilance Committee

Pharmacovigilance Committee of N.K.P. SIMS & RC & LMH, Nagpur.  
Registered with IPC NCC PvPI Ghaziabad – 201002.

Indian Pharmacopoeia commission (IPC),  
National coordinating centre (NCC), Pharmacovigilance Programme of India (PvPI),  
Ministry of Health & Family Welfare, Government of India  
Sec-23, Ragnagar, Ghaziabad – 201002.

**Registration No: F. no : IPC/NCC-PvPI/AMC/2015-16/27 . dated 8/7/2015.**

### (3) Institutional Animal Ethics Committee (IAEC)

Institutional Animal Ethics Committee (IAEC) of N.K.P. SIMS & RC & LMH, Nagpur  
Registered with CPCSEA New Delhi -110001

Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)  
Ministry of Environment and Forests, Government of India, Animal welfare Division New Delhi -110001

Registration No: F.No.25/46/2010-AWD, dated : 16/06/2017.

(Registration valid from 16/06/2017. to 15/6/2020... for 5years)

### Ongoing Project

1. Drug Prescription Pattern In Osteoarthritis In A Tertiary Care Hospital  
Riyaz Ahmed Siddiqui, Tanaji R Shende
2. Perception and preference of health care providers regarding protective role of immunity boosters against Covid -19 Dr Amruta Dashputra

### Publications

1. Impact of internet on doctor patient relationship.. Sandesh Banginwar, Dashputra Amruta, Borker Archana, Nayase Jaideep, Badwaik Rupesh  
International Journal of Basic and clinical Pharmacology, 2020 may; 9 (5):731-735
2. Polypharmacy and cost analysis in patients suffering from type 2 diabetes mellitus with associated comorbidities Snehal R Dhongdi, Riyaz A Siddiqui  
International Journal of Basic & Clinical Pharmacology-2020



## DEPARTMENT OF PHYSIOLOGY

### A. On Going Research Projects

- ▲ Normative data for short term resting supine heart rate variability in middle aged. Dr. B. Bhirud, Dr. Manish Sawane
- ▲ Electrocardiogram analysis in adult patients with sickle cell disease in Vidarbha region of Maharashtra. Dr. Madhavi Walulkar

### B. On Going Thesis: THESIS : Ph.D

Effect of yoga with and without heart rate variability coherence biofeedback on major psycho-physiological parameters in healthy adults: A randomized controlled trial.

Student: Dr. B. Bhirud

Guide: Dr. Manish Sawane

### C. Ongoing research by UG students:

- ▲ Title: Effect of mindfulness meditation on autonomic and cognitive functions in undergraduate medical students aged 18-24 years.  
Reference id-2020-00396(ICMR)  
Guide-Dr. Manish Sawane
- ▲ Title: Haematological variations in female hypothyroid patients.  
Name of Student: Ankeet Panda (MBBS III year student NKPSIMS)  
Guide-Dr. Rakhee Ambade

### D. EVENTS ORGANIZED:

- ▲ International Yoga Day virtual Celebration on 21st June 2021  
(Theme :- Yoga at Home : Yoga with Family ) in collaboration with VSPM  
Physiotherapy & VSPM college of Nursing NKPSIMS & RC, Nagpur  
Webinar on 'Integration of Yoga practice in Physical, Mental and Emotional Health'
- ▲ Outreach activity by 'Harmony -lifestyle modification centre" by Dept of Physiology: Dr.Rakhee Ambade successfully conducted a sensitization programme on lifestyle and stress management (UDBHAV INDUCTION PROGRAMME) for 1st year nursing students (VSPM Nursing College) on 29/06/2021.

## DEPARTMENT OF PLASTIC & RECONSTRUCTIVE SURGERY

### Completed Research Projects:

- ▲ Augmentation Rhinoplasty using Olecranon Bone Graft ( Accepted for publication in National Journal of Maxillofacial Surgery – SCOPUS indexed)
- ▲ Optimisation of Surgical Management of Gynaecomastia : Our Experience ( Accepted for publication in Panacea Journal of Medical Sciences – DOAJ indexed)
- ▲ Our Experience with trans-nipple approach for excision and liposuction in management of Gynaecomastia with minimum scars. ( Under peer review process in IJCRR – SCOPUS indexed)
- ▲ Ongoing Research Projects:
- ▲ Comparative study of awareness and perception of Plastic Surgery in Medical interns in colleges with and without plastic Surgery department . ( PI Dr Jitendra Mehta, Co PI – Dr Manish Zade)
- ▲ Study of outcome of Upper arm vascular access for haemodialysis in patients with chronic renal failure. ( PI – Dr Manish Zade, CO- PI - Dr Dhananjay Nakade)
- ▲ Fat Grafting in Facial enhancement in various Facial conditions: Our experience ( PI – Dr Dhananjay Nakade, Co PI – Dr Manish Zade)
- ▲ Fat Grafting for Augmentation of Breasts. ( PI – Dr Dhananjay Nakade, Co PI – Dr Manish Zade)

### Events Organised:

#### National Plastic Surgery Day 2020 :

- ▲ Department of plastic & reconstructive surgery, NKP Salve institute of medical sciences and Latamangeshkar hospital, Nagpur celebrated National Plastic Surgery Day at 2pm on 15th July 2020 by conducting online webinar in gracious presence of respected Dr Kajal Mitra, Dean NKPSIMS & LMH.
- ▲ Dr Sabari Girish Ambat, consultant plastic surgeon Apollo first Med Hospital, Chennai was invited as guest speaker. He presented a talk on "Save Foot, Save Lives - Advances in Management of Diabetic foot"
- ▲ Webinar was attended by around 60 delegates.
- ▲ Welcome speech was delivered by Dr Jitendra Mehta, Prof and Head Department of Plastic & reconstructive surgery, NKPSIMS & LMH.
- ▲ Dr Manish Zade, Associate professor, Dr. Dhananjay Nakade, Assistant Professor, Dr Akhila C V, senior resident, Dr Mansi Dalvi, junior resident helped to make this meeting successful.

#### 1. Webinars conducted:

- ▲ With association of CIAPS Nagpur, dept of plastic surgery has participated in webinars .
- ▲ Trans-nipple approach for excision of fibroglandular tissue in the management of gynecomastia.
- ▲ Effectiveness of free muscle flap in management of various lower limb defects in comparison with fasciocutaneous flap
- ▲ Body contouring in cases of massive weight loss patients.



## DEPARTMENT OF PSYCHIATRY

### Achievement

- ▲ Dr. Vivek Kirpekar, Chairperson of Psychotherapy section, IPS.
- ▲ Dr. Sudhir Bhawe, Zonal representative, IPS & EC co-ordinator for 4

### Subcommittee

- ▲ Dr. Sushil Gawande, President, PSN, Member Cyberpsychiatry, IPS
- ▲ Dr. Abhijeet Faye, Treasurer, PSN, & Chairperson, Telepsychiatry subcommittee of IPS, Website committee Chairperson Indian association of geriatric mental health, EC member of IPSWZB
- ▲ Presented symposium at ANCIPS 2020, Kolkata in Jan 2020 (Tribal Mental Health in India)

### Ongoing Projects

- ▲ Pattern of sleep disturbances in patients with alcohol use disorder. Dr. Manasi Aphale
- ▲ Assessment of social cognition and functioning in patients with Schizophrenia. Dr. Megha Sheth
- ▲ Abnormal movements in patients with Schizophrenia – Dr. Bhumika Jaiswal
- ▲ Clinical profile of patients diagnosed with first episode psychoses: A cross sectional study. Dr. Sanjana Jaiswal
- ▲ Relationship between sleep disturbances and quality of life in patients visiting psychiatry outpatient department: An analytical cross sectional study. Dr. Amruta Indurkar
- ▲ Correlation of negative symptoms and self esteem with quality of life in patients with schizophrenia: A cross sectional study. Dr. Varun Jaitpal
- ▲ Clinico –haematological profile of patient diagnosed with bipolar disorder- A cross sectional study. Dr. Apurva Joshi
- ▲ Obsessive compulsive disorder in pregnancy and puerperium a cross sectional study. Dr. Akshay Jadhav
- ▲ Comparison of cognitive function, alexithymia & its correlation with structural Neuroimaging in patients with schizophrenia and those with comorbid alcohol use. Dr. Abhijeet Faye, Sushil Gawande, Rahul Tadke, Vivek Kirpekar, Sudhir Bhawe, Deepika Singh.
- ▲ Assessment of alexithymia and cognition in patients of depression. Dr. Abhijeet Faye, Sushil Gawande, Rahul Tadke, Vivek Kirpekar, Sudhir Bhawe, Deepika Singh

### Completed projects

- ▲ Assessment of depression, anxiety and quality of life in patients suffering from polycystic ovary syndrome a cross sectional study.- Dr Sahiba Sachdev
- ▲ Perceived stress, psychopathology and quality of life in carers of patients with cancer a cross sectional study - Dr Juhi Malviya
- ▲ Across sectional study cognitive and nutritional status in patients with alcohol dependence - Dr Anant Choure
- ▲ Psychological evaluation of medical students under quarantine - Dr. Bhumika Jaiswal Dr. Sushil Gawande
- ▲ Psychological assessment of resident doctors working in COVID-19 wards. Dr. Megha Sheth, Dr. Sushil Gawande
- ▲ Psychological assessment of paramedical staff working in COVID-19 wards. Dr. Manasi Aphale, Dr Sushil

Gawande

▲

### Event Organized with Photos & Webinar conducted.

- ▲ IPS Foundation Day Jan-2021 (National)  
Psychiatric Society, Nagpur & Department of Psychiatry, NKPSIMS & LMH\* invite you for the CME on the occasion of First IPS Foundation Day 2021.  
\*Date - 7th Jan 2021 (Thursday)\*  
\*Time : 7-8pm\*  
\*Inauguration at the hands of Prof.P.K.Dalal, President, IPS, 2020-21\*  
\*Structure and Pyramid of Indian Psychiatric Society\*: Dr Vivek Kirpekar  
\*Nagpur&IPS:down memory lane\*- Dr Saleem Mujawar  
\*Evolution of an art and science - the unique story of psychiatry\*: Dr Sudhir Bhawe  
\*Moderator\*- Dr Sushil Gawande  
\*Vote of thanks\*- Dr Abhishek Somani, President, PSN, 2020-21  
Please join with Google Meet: <https://meet.google.com/moi-joif-cci>
- ▲ Autism Awareness Day- Panel discussion (Regional)
- ▲ Interdepartment Fun Quiz – 1st June 2021 (Local)
- ▲ E-poster competition, 28th June 2021.



## DEPARTMENT OF PULMONARY MEDICINE

### Achievements

C.N .Chari Award 2020 for Outstanding Research performance at NKP SIMS

### On going Research Projects

- Effectiveness of bronchoscopy versus conventional chest physiotherapy in management of lung collapse on mechanical ventilation- Dr.Anil Sontakke(Prof.) Dr.Harshal Gandhi(JR-1)
- Respiratory morbidities in patients recovered from moderate to severe COVID-19 disease - Dr.Anil Sontakke(Prof.) Dr.Pankaj Pawar(JR-1)
- Clinical profile of patients with acute hypoxemic respiratory failure on Non-invasive ventilation(NIV) - Dr.Anil Sontakke(Prof.) Dr.Sagar Kolte(JR-1)
- Study of clinico-bacterio-radiological profiling and treatment outcomes in smokers versus suffering from pulmonary tuberculosis- Dr.B.O.Tayade(Prof.and HOD) Dr.Ashish Gade(JR-1)
- Determine the incidence and outcome of ventilator associated pneumonia in mechanically ventilated patients in comparison to non-ventilator associated pneumonia - Dr.Sumer Chaudhary(Asso.Prof) Dr.Gopal Agrawal(JR-1)
- Assessment of functional status in pts with reduced diffusion capacity of lung for carbon monoxide(DLCO)versus normal DLCO groups of stable severe COPD - Dr.Akansha Sarda (JR-2)
- Effectiveness and safety of pigtail catheter versus intercostal chest drainage tube in cases of secondary pneumothorax- Dr.Rahul Ugale (JR-2)

### COMPLETED RESEARCH PROJECTS

- Occurrence of obstructive sleep apnea in pts with type-II DM- Dr.B.O.Tayade Dr.Chetan Khedkar
- Study of various phenotypes of BA and skin sensitivity to common aeroallergens in allergic asthma pts - Dr.Anil Sontakke Dr.Palash Saxna
- Radiological and functional assessment in moderate to severe COVID-19 pts post recovery - Dr.Akansha Sarda

### Events Organized with Photo & Webinar Conducted Achievements

World TB Day 24th March 2021 -

The Clock is Ticking " A world TB Day Campaign for Action.

## DEPARTMENT OF RADIODIAGNOSIS

### AWARDS RECEIVED:

- JCI Nagpur special recognition- Dr. Kajal Mitra (25th Feb 2021)
- COVID warrior award- Dr.Kajal Mitra (27th May 2021)

### ON GOING THESIS

- Diagnostic accuracy of ultrasound doppler at 11-14 weeks of gestation for screening of pre eclampsia and fetal growth restriction : a cross sectional study Dr.NikhilLaturkar,Dr.DipaliKadam.
- The diagnostic accuracy of mri in comparison with arthroscopic findings in patients with rotator cuff and glenoid labral pathologies- a cross section study Dr.SimranRathi,Dr.AvinashDhok
- Diagnostic accuracy of ultrasound, elastography in benign and malignant cervical lesions with cytological correlation Dr Priyanka Mane, Dr.ChetanaRatnaparkhi
- Diagnostic accuracy of ultrasonography,doppler,elastography with fnac correlation in evaluation of thyroid masses- a cross sectional study DrRushabhChordiya, Dr.KajalMitra.
- Ultrasound doppler evaluation in fetal growth restriction : a cross sectional study Dr.NitinRathod,Dr Prashant Onkar
- Diagnostic accuracy of early post operative clinical and ultrasound examination of arteriovenous fistulae to predict dialysis use- a cross sectional study. Dr.ShubhamBodhankar,Dr Prashant Onkar
- Diagnostic accuracy of magnetic resonance imaging with ultrasound in evaluation of wrist and hand pathologies : a cross sectional study-Dr Varun Nimje, Dr.KajalMitra.
- A study of pattern of scrotal disorders as seen on color doppler ultrasonography- a cross sectional study Dr.Tushar Yadav.,Dr. Sanjay Shahu
- Diagnostic accuracy of ultrasound elastography and diffusion weighted magnetic resonance imaging on correlation with histopathological findings in women with breast masses. DrAisha Lakhani, Dr.KajalMitra.
- Diagnostic accuracy of B mode, color Doppler and elastography with FNAC correlation in evaluation of cervical lymphadenopathy- A cross sectional study.Dr.YashJakhotia, Dr.KajalMitra.
- Accuracy of ultrasonography and magnetic resonance imaging in comparison with histopathology in diagnosis of adnexal masses in females- A cross sectional study. Dr.PoojaLadke, Dr.KajalMitra.
- Diagnostic accuracy of transvaginal and transabdominal ultrasound compared to histopathology in women with postmenopausal bleeding- A cross sectional study. Dr. PriyaPotdukje, Dr.KajalMitra
- Diagnostic accuracy of spectral Doppler waveforms in acute Appendicitis- A cross sectional Doppler. Dr.SuruchiDhawan, Dr,AvinashDhok.
- Diagnostic accuracy of Magnetic resonance imaging as compared to histopathology in evaluation of sellar, parasellar and suprasellar lesions.-A cross sectional study. Dr.NitinShinde, Dr,AvinashDhok.
- Accuracy of Magnetic resonance imaging in measurement of depth of invasion in oral cancer and its histopathological correlation-A cross sectional study. Dr.SwargandhaJadhav, Dr.DipaliKadam.
- Role of Ultrasound versus Magnetic Resonance Imaging in evaluation of Carpal Tunnel Syndrome- A cross sectional study. Dr.SejalJoshi, Dr.DipaliKadam.
- Correlation of maternal ophthalmic artery Doppler and uterine artery Doppler for prediction of pre-eclampsia- A cross sectional study. Dr.Vrushali Dalvi, Dr.Prashant Onkar.



- Standard reference values of prostate size in Indian male population according to age groups- A cross sectional study. Dr.Ameen Ansari, Dr.Prashant Onkar

#### THESIS COMPLETED

- Utility of Magnetic Resonance Defecography in Pelvic Floor Dysfunction-- A Observational study- Dr Sanjana Wadhvani, Dr. Chetana Ratnaparkhi.
- Modified Computed Tomography Severity Index and Revised Atlanta Classification as predictors of clinical outcome in acute pancreatitis. Dr Rujuta Daptardar, Dr. Kajal Mitra.
- Imaging evaluation of Macroscopic Hematuria using MDCT urography. Dr. Rajcee Chhajed, Dr. Avinash Dhok
- Diffusion Weighted Magnetic Resonance Imaging in cerebral venous thrombosis –An observational study, Dr. Dheeraj Tripathi, Dr. Dipali Kadam.
- Comparison of diagnostic accuracy of ultrasound elastography with histopathology of prostate mass- A Cross Sectional Study, Dr. Sandeep Chude., Dr. Sanjay Shahu
- Comparison of diagnostic accuracy of ACR TIRADS with FNAC correlation in thyroid nodules - A Observational study. Dr.Aditya Rakhunde, Dr Prashant Onkar

#### Short term studies:

- Correlation between chest ct severity score and oxygen requirement in adult patients with covid -19 pneumonia- Dr. Sandeep Chude
- Role of high resolution computed tomography (HRCT) in predicting critical disease in corona virus diseases- DR. ADITYA RAKHUNDE
- Spectrum of chest high resolution computed tomography (hrct) findings in coronavirus disease-19 (covid-19)- DR DHEERAJ TRIPATHI
- Correlation of symptoms and its duration with high resolution computed tomographic chest findings in coronavirus disease (covid 19)- DR. SANJANA WADHWANI
- Evaluation of ct pulmonary derived vascular metric and ct severity score in covid 19 pandemic- DR. RAJCEE CHHAJED
- Educating interns about chest x ray findings in covid. a qualitative study- DR. GAURAV ARORA
- Radiological correlation of chest ct severity and lab abnormalities in covid 19 pneumonia- DR. RUJUTA DAPTARDAR
- Implications of gender differences in chest ct scan findings, morbidity and mortality of covid 19 patients- Dr. Varun Nimje
- Correlation of ct severity index and mortality in covid 19 patients- Dr.Shubham Bodhankar, Dr .Nitin Rathod
- Value of portable chest x ray in critically ill covid 19 patients- Dr. Priyanka Mane
- The association of ct measured cardiac indices with lung involvement and clinical outcomes in patients with covid 19: retrospective study- Dr. Aisha Lakhani ,
- Dr. Nikhil Laturkar
- Difference between covid pneumonia and other pneumonias-Dr. Simran Rathi, Dr.Rushabh Chordiya

#### EVENTS ORGANISED

- Live workshop on peripheral Doppler in association with department of Radiodiagnosis NKPSIMS and MSBIRIA-MCR. (12th July 2020)- Dr.Prashant Onkar
- Live workshop on stenosis evaluation (arterial) and peripheral venous Doppler in association with department of Radiodiagnosis NKPSIMS and MSBIRIA-MCR. (2nd August 2020) Dr.Prashant Onkar
- Cervical spine trauma- Approach to reach diagnosis. (17th October 2020) (Dr.Pankaj Nagtode)
- Live workshop on fetal interventions for Amniocentesis and CVS in association with department of Radiodiagnosis and MSBIRIA-MCR. (18th October 2020) Dr.Alpana Joshi, Dr Bhavaharan, Dr.Prashant Onkar, Dr.Jitendra Shahu
- Lumbar spine degenerative changes. (24th October 2020) (Dr.Pankaj Nagtode)
- Intervention and hands on fetal echo assessment. (8th and 9th January 2021) (Dr.Jitendra Shahu, Dr.Deepali Kadam, Dr.Sandeep Dhote, Dr.Kajal Mitra, Dr.Prashant Onkar)
- Bone tumors and thyroid malignancy- Approach to diagnosis. (7th February 2021) (Dr.Vikram Dogra)
- USG fetal echo assessment. (21st February 2021) (Dr.Jitendra Shahu, Dr.Deepali Kadam)
- X-ray Mammography. (28th February 2021)(Dr.Anand Hatgaonkar)
- Fetal CNS imaging (6th June 2021) (Dr.Rama Murthy, Dr.Sunil Kabra, Dr.Jitendra Shahu, Dr.Prashant Onkar)
- Ultrasound evaluation of neck, lymphnodes and salivary gland (20th June 2021) (Dr.Sandeep Dhote, Dr.Prashant Onkar)
- USG guided FNAC techniques (10th July 2021) (Dr. Nilay Nimbalkar)





## DEPARTMENT OF NURSING

Departmental of nursing always try to maintain excellence in nursing practice and provide cost effective and quality of nursing care to all patients.

A wide range of activities for the professional growth of nursing services are carried out by the department.

### ACHIVEMENTS

- ▲ Komlata Dongare (Staff Nurse), in hospital patient came in covid ward with severe dyspnea and his saturation was very low than the normal range i.e. 28%, she was immediately attend this patient and provided Bi-Pap mask ventilation on stretcher and stabilized patient condition and improves respiratory efforts, Afterwards on doctor's advice, administered the further treatment and thereby survived patient.
- ▲ Rita John (Nursing Superintendent), from Task Force of Nagpur region was selected in 22 members of regional committee from all nursing personnel of Nagpur hospitals for observation and monitoring the spread of Mucormycosis in Nagpur level.
- ▲ She was awarded by Ex Chief Minister of Maharashtra state Honorable Mr. Devendra Fadnavis and Ex. parent minister of Nagpur Honorable Mr. Chandrashekhar Bawankule as Covid Warriors on behalf of all nursing staff in the pandemic situation.
- ▲ On the occasion of Birthday of Honorable chairman of NKP SIMS & LMH Dighdoh, she was awarded as covid warriors on behalf of all nursing staffs.
- ▲ All M. Sc. Final year nursing students (Batch 2019-2021 ), provided good nursing care to the patient and help the nursing staffs at each step of patient assignments as well as achieved excellence experience in Covid ward.
- ▲ All B.Sc , PB.Sc and GNM nursing students , provide good quality of nursing care to the patient and help the nursing staffs at each step of patient assignments and achieved excellent experience in general ward , ICU, OT and other specialties.
- ▲ A female patient named Ayesha B (75year) admitted in our hospital in covid ward, was suffering from respiratory failure, she was intubated and was provided the further treatment and optimum nursing care according to the doctor's advice. After some days she was extubated and the patient was recovered and discharged and her family members gave deep heartened thanks to all nursing staffs for care of patients and gave positive feedback about nursing staffs of our hospitals compared to other hospital .

### EVENTS ORGANIZED:

- ▲ Title of the Event: Stress Management program for staff nurses in pandemic situation, by Mr. Ujwal R Lohe (Ex Nurse Educator of LMH Dighdoh).
- ▲ Title of the Event: Women day celebration with the collaboration of gender harassment committee on 8/3/2020.

- ▲ Title of the Event: International Nurses Day, Nursing team celebration with VSPM MDINE nursing colleges on 15th May 2020.
- ▲ Title of the Event: Personality Development program organized by dept of nursing every year.
- ▲ Title of the Event: challenges and ways to overcome in nursing 12/3/2020, organized by Final year M.sc nursing students batch 2019-21.
- ▲ Title of the Event: Workshop on Infection control Protocols on 18-6-2020.

### TRAINING AND COURSES:

- ▲ We planned for continuous nursing education in our hospital, so started the staff developmental classes from year 2016 for all the staff and had completed total 90 classes this year 2020.
- ▲ Responsibility of staff developmental classes – Nursing Superintendent office.
- ▲ Every month staff nurse's pre and post test of every topic is taken and its result is displayed.
- ▲ Feedback of classes is taken from staff nurses.
- ▲ Besides teaching , various protocols are taught to nursing staff.
- ▲ Quiz competition as well as staff evaluation test also conducted by nurse educator in each 2 months.
- ▲ Conducted BLS Mini workshop for staff nurses with collaboration of clinical skill lab.
- ▲ Conducted mini workshop on communication skill for staff nurses.

### FROM NURSING DEPARTMENT - 4 ACLS INSTRUCTOR :

- ▲ Vaishali sarode
- ▲ Sushila Tadas
- ▲ Lata Kale
- ▲ Kalpana Fulzale
- ▲ Mamta Kamble.

### CODE BLUE COORDINATOR FROM DEPT OF NURSING:

- ▲ Mrs. Vaishali Sarode, Clinical Supervisor & ACLS Instructor.

### CODE PINK MEMBER/COORDINATOR FROM DEPT OF NURSING:

- ▲ Mrs . Mamta Kamble/C
- ▲ Mrs . Surekha Dorkhandel/C
- ▲ Mrs . Nilima Awale/C



## HUMAN RESOURCES DEPARTMENT



### Introduction:

The field of HRD or Human Resource Development encompasses several aspects of enabling and empowering human resources in organization. Whereas earlier HRD was denoted as managing people in organizations with emphasis on payroll, training and other functions that were designed to keep employees happy, the current line of management thought focuses on empowering and enabling them to become employees capable of fulfilling their aspirations and actualizing their potential. This shift in the way human resources are treated has come about due to the prevailing notion that human resources are sources of competitive advantage and not merely employees fulfilling their job responsibilities. The point here is that the current paradigm in HRD treats employees as value creators and assets based on the Resource Based View of the firm that has emerged in the Strategic Human Resource Management field.

### History of HR Department:

- ▲ Personnel Management Department was established in 2004.
- ▲ Attendance System by using smartcards was installed for accountability of Non-teaching staff in 2004.
- ▲ Biometric Attendance System (Finger Print recognition) installed for accountability of Non-teaching staff in 2004.
- ▲ Establishment of Human Resources Department in Jun 2011.
- ▲ Biometric Attendance System (Finger & Face recognition) installed for accountability of Teaching staff in 2012.

### Existing Functions of Human Resources Department:

- ▲ Recruitment & Selection
- ▲ Induction Training
- ▲ Competency Mapping
- ▲ Manpower deployment
- ▲ Compensation & Benefit Designing
- ▲ Appraisal and Employee Evaluation Management
- ▲ Discipline & Corrective Measures
- ▲ Accountability of Human Resources
- ▲ Manpower Audit and gap analysis
- ▲ Personnel Record keeping and regular updation.
- ▲ Preparation of payroll
- ▲ Training & Development activities
- ▲ Exit procedures.

### H. R. Department Family

Sr. No	Name of Employee	Designation
1	Mr. SHASHI KUMAR	HR HEAD
2	MR. SANKET SHIYALE	HR ASSISTANT
3	MS. VAISHALI NIKHADE	COMPUTER OPERATOR
4	MRS. AVANTI SONE	COMPUTER OPERATOR
5	MS. JYOTI GAJBHIYE	JUNIOR ASSISTANT
6	MRS. ASHA HINGWE	ATTENDANT

### Development & Achievements of Human Resources Department:

- ▲ Awarded as Best performing department within two years of establishment.
- ▲ Ensuring recruitment of qualified and competent workforce
- ▲ Bringing all records of all employees under one roof.
- ▲ Strategic link between management and employees
- ▲ One point contact for any information regarding employees.
- ▲ Channelized process of HR Activities.
- ▲ Streamlined Appraisal System (Annual Confidential Report) of all categories of employees
- ▲ Transparent and justified HR policies
- ▲ Conducted computer literacy programme to all clerical staff for updating knowledge and ensuring hands on experience of computer operation.
- ▲ Rotation of manpower to ensure better utilization.
- ▲ Personality Development training sessions for Clerical Staff, Office Staff and Nursing Staff.



- ✦ Spiritual Training programmes for nursing staff by faculty of Brahma Kumari University to improve performance output and dedicated service of nurses.
- ✦ Various trade related training sessions for staff like Biomedical Waste Management
- ✦ Counseling of employees with low performance to enhance their working capabilities
- ✦ Conduct of motivational programmes like identification of best employees and awards presentation during Independence Day and Republic Day celebrations
- ✦ System to convey birthday greetings to all staff members.
- ✦ Employee's grievance redressal process initiation and follow up.
- ✦ Pooling of class IV staff for better utilization.
- ✦ Training programs for Class IV staff for sensitization on various issues like communication, work capacity building, occupational hazards, waste management, fire safety and drug/alcohol de-addition etc. to improve work culture.
- ✦ More than 300 nursing staff and sub-ordinate staff have been trained in fire safety.
- ✦ Out bound training and leadership programme at Arvind Adventure Training Academy was conducted for non-teaching staff.
- ✦ Manpower audit was done to Downsize and Right Size the organization.
- ✦ MSR 250 Teaching requirement for NMC inspection was close-looped and all appointment was done. According Non-Teaching staff requirements (Form-B) were also close-Looped.
- ✦ Close-looped all NAAC and AISHE documentation/policies.

#### Future Plans of HR Department

- ✦ To ensure that qualified and competent manpower is employed.
- ✦ Reduce the time taken for recruitment.
- ✦ To implement more accurate procedures of review and appraisal
- ✦ To conduct survey of training needs of employees and arrange the same in a phased manner
- ✦ To conduct workshops/seminars for training of various categories of employees for enhancement of skills.
- ✦ Carry out competency mapping to ensure better utilization of staff
- ✦ To reduce absenteeism of staff with regular counseling sessions.
- ✦ To formulate a suitable employee retention policy.
- ✦ To concentrate on employee welfare where needed to ensure increase in output.
- ✦ Group Insurance policy for staff
- ✦ To formulate performance linked career progression plans.
- ✦ Retention policy for all categories of staff for dealing with higher attrition, especially for Medical Teachers and nursing staff.
- ✦ Employee engagement programs has been started by HR department to enhance the skills and knowledge of the employees.
- ✦ Reward and Recognition.
- ✦ Learning and Development.

## आरोग्य विज्ञान विद्यार्थी ग्राहक सहकारी संस्था

डिगडोह हिल्स, हिंगणा रोड, नागपूर-१९

### REPORT

Dr. Kajal Mitra  
Dean NKP SIMS & RC AND LMH & President  
(Dr. R. N. Dehankar), Vice President  
Health Science Students Consumer Co-Operative Store

#### 1. BOARD OF DIRECTORS

- ✦ Dr. Kajal Mitra, Dean, NKPSIMS
- ✦ Dr. Suresh Chari, Director, Research & MET Cell
- ✦ Dr. Rajesh Dehankar, Asso. Prof. Anatomy
- ✦ Smt. Asha Shimgekar, Principal, VSPM's College of Nursing
- ✦ Dr. Y. Praveen Kumar, Prof. Physiotherapy College
- ✦ Dr. Sushil Naik, Lecturer, DCRC
- ✦ Shri Vilas W. Khangan, Admn. Officer, NKPSIMS
- ✦ Shri Deepak Sable, Admn. Officer, Nursing College
- ✦ Shri Ashok Hingwe, Clerk, Dean Office, NKPSIMS
- ✦ Shri Sagar Sakure, MBBS Student
- ✦ Shri Utkarsh Ande, Dental Student
- ✦ Ms. Akanksha Agrawal, Physiotherapy Student
- ✦ Shri Gaurav Meshram, Nursing Student

#### 2. OBJECTIVE

- ✦ To provide Journals, Stationeries, Uniforms, Apron and other general items in the subsidized rates for the students in single window within the Digdoh Campus.
- ✦ To provide daily need items to student residing in the campus at subsidized rates.
- ✦ To add any other items from time to time as and when required for the benefit of Under Graduate / Post Graduate Students of the Campus for making their stay harmonious, pleasing with a purpose of reduction in man hours and time otherwise spend by the students in commuting.

#### 3. ACTIVITIES IN 2020-21

- ✦ The government and private Auditors have rated the activities of the society as 'A' Class in this year and all the preceding years.
- ✦ Providing to the Under Graduate for Medical, Dental, Physiotherapy and Nursing printed journals as prescribed by the Maharashtra University of Health Sciences, Nashik.
- ✦ Distribution of aprons with logo of the college at subsidized rates.
- ✦ Introduced new logbook and journals according to new curriculum (CBME)



## FELICITATION, AWARDS & ACHIEVEMENTS



Dr Kajal Mitra, Dean receiving award as covid warrior at the hands of Hon Devendra Fadnavis



C N CHARI research award to Pulmonary Medicine



Faculty in Ocular Trauma Quiz:  
Asia-Pacific Trauma Society on 6th September 2020  
Country Representative India -  
Asia Pacific Ocular Trauma Society(APOTS)



Dr. Harkare and Dr. Manohar in COVID Samwad Organized by NMC and IMA Nagpur



Hon. Health Minister Shri Rajesh Tope visit at NKPSIMS,RC&LMH



Hon. Health Minister Shri Rajesh Tope visit at NKPSIMS,RC & LMH





Dr. Harkare's Interview on Aawaz India TV  
on Take care of Your Ears



NIMACON Winners in poster competition



Dr. Rhotuja Deo - MUHS recognized Vitreo  
retinal Fellowship completed



Dr. Kajal Mitra - JCI nagpur medico  
felicitating with appreciation trophy



Dr Sushil Mankar, certificate of appreciation



Dr Kajal Mitra -  
certificate of appreciation by IRIA



NIMACON Winners  
in poster competition



Dr Gaurav Deshmukh, 2nd prize winner in  
poster competition on YOGA DAY



Covid Donation





## CELEBRATIONS



Chairman's address on  
Republic day programme



Saraswati Puja



75 th Birthday celebration - Honorable Chairman Shri Ranjeet Babu Deshmukh



International Women's Day



World Glaucoma week :  
March 8th to 14th 2021



Vitiligo week celebration



Doctor's day celebration



ORS week celebration -Paediatrics Dept



Splash release



World TB day programme 24-3-21



MUHS Foundation Day



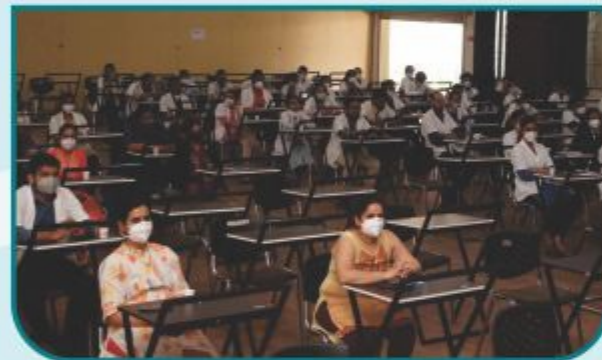
Working Chairman's address on Independence Day



## EDUCATIONAL PROGRAMMES



PG Orientation programme



PG Orientation programme



PG Orientation- Anaesthesia



Cadaveric Oath I MBBS 2020 Batch



Dean's address to I MBBS 2020 Batch



Staff Research Presentation



3 Days Basic Course In MET (22,23,24.6.21)





## GUEST LECTURES & WORKSHOPS



COVID Training Workshop-2021



Covid Training-2020



Hands-On Workshop ABC of how to make a real time quiz.



World Population Day Stabilization (ObGy-20-7-20)



Neonatal Resuscitation Programme (Pediatrics-22, 23-10-20 )



Workshop on oxygenation & ventilation (2)



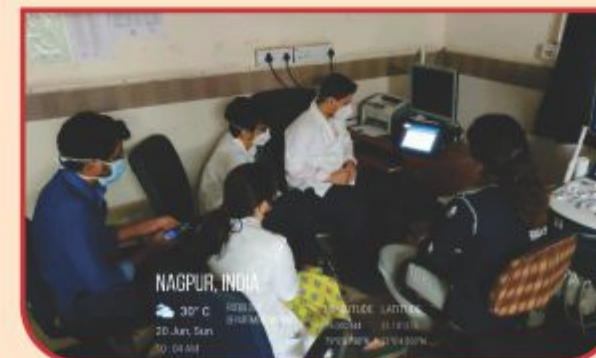
Workshop on oxygenation & ventilation



Guest Lecture by Dr. Hemant Deshpande, Medicine



Leela Dubey Oration Programme



Radiodiagnosis - use of AI in thyroid ultrasound

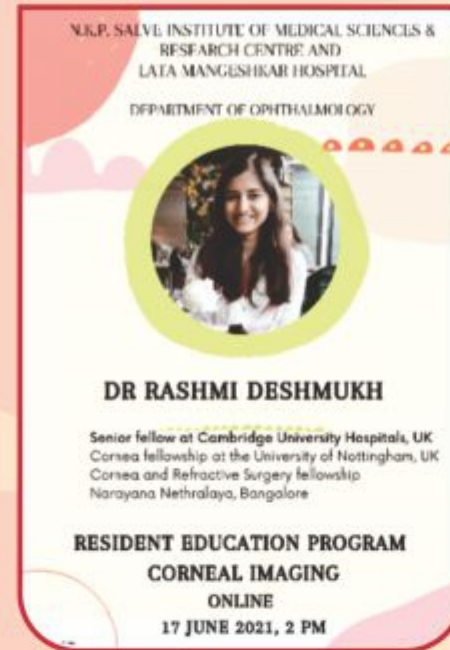


Mucormycosis - Panel discussion, Microbiology





Hands-on Workshop : 18 June 2021 –  
Hands-On Intravitreal injections  
by Dr. Rhutuja Deo,  
V-R Fellow at NKP SIMS & LMH



International guest lecture  
Corneal Imaging : 17 June 2021 –  
Virtual lecture by Dr. Rashmi Deshmukh,



Guest lecture for Viral Hepatitis Training for Lab Technician at SIHFV



Guest Lecture – WHO Day – 7-04-2021

## COVID FACILITY



Covid Ward



RT PCR Laboratory



Post-Covid OPD



Pediatric Covid Ward



Workshop on Ventilation





## MEDIA COVERAGE



## SOCIAL ACTIVITIES



Covid-19-Swab collection at Quarantine Center 14-08-2020



Free diagnostic camp



NSS Day Celebration 24-9-2020



Patient Care Promotion Activity (Aug-Oct2020)





Meeting with ASHAatUHTC-29-12-2020



Meeting with ASHA workers"at RHTC, Katol 5-1-2021



"PatientCareReview"atMatoshreeHall -4-1-2021



Free diagnostic and Blood Donation Camps"Feb 2021



General Health, Diagnostic and Blood Donation Camps