



49<sup>th</sup> Annual Report  
2018-2019



**Kasturba Health Society's  
Mahatma Gandhi Institute of Medical Sciences  
& Kasturba Hospital**  
Sevagram, Wardha, Maharashtra

*Don't judge each day by the harvest you reap  
but by the seeds that you plant."*  
- Robert Louis Stevenson



# 49<sup>th</sup> Annual Report 2018 - 2019

**Mahatma Gandhi Institute of Medical Sciences,  
Sevagram, Dist. Wardha 442 102 Maharashtra, India  
Tel. : 91-7152-284341 to 284355 Fax : 284333  
Website : <https://www.mgims.ac.in>**

**Edited by Documentation Unit :** Dr Anshu (Convenor), Dr Chetna Maliye, Dr Dipak Thamke, Dr Deepika Garg, Dr Vishakha Jain, Dr Pranita Waghmare, Mrs Shaily Jain Kalantri, Mrs Sangeeta Narang

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**Shri Dhiru S Mehta**  
**President, Kasturba Health Society**

Shri Dhiru S Mehta is professionally a chartered accountant with specialization in finance, investment, taxation and corporate management. Has a long association with corporate world as director and advisor. Changed his course of life on reaching fifty.

Devotes most of his time to voluntary work in the field of education, health care and upliftment of women and children. Brings financial and managerial expertise with commitment to the institute. Also President of Kasturba Trust and Shivanand Mission, Gujarat. President, Kasturba Health Society since January 2001.

**Dr NM Gangane**  
**Dean, MGIMS Sevagram**

Dr Nitin Gangane is an experienced pathologist with expertise in Oncopathology. He is the first Dean of this institute who has been an alumnus of MGIMS Sevagram. Dr Gangane is an undergraduate from the Class of 1978 and he completed his post-graduation in Pathology from MGIMS in 1987. He is a PhD from Umea University (Sweden). He has been awarded prestigious fellowships from the International Union against Cancer (UICC), International Agency for Research on Cancer (WHO), France (2007) and the National Institutes of Health, Bethesda, USA (2010). A keen researcher, he has been running the Population based Cancer Registry of Wardha district from 2010. An able administrator who has held several University posts, he was Professor and Head of the Department of Pathology from 2004 to 2018. Dean of the Institute from 11 Jun 2018.

**Dr BS Garg**  
**Secretary, Kasturba Health Society**

Dr BS Garg is Director-Professor in the Dept of Community Medicine and Director of the Dr Sushila Nayar School of Public Health, MGIMS Sevagram. Also incharge of the WHO Collaborative Centre for Research and Training in Community Based Maternal, Newborn and Child Health. Awarded the best teacher award by MUHS, Nashik in 2006 and Commonwealth Medical Fellowship in 1989-90. Awarded more than 50 research grants from WHO, UNICEF, USAID, GOI, ICMR, INCLEN, NACO, Aga Khan Foundation, Population Foundation of India & UNFPA. Has served as consultant to WHO (SEARO), DFID, USAID and various international and national agencies on issues of public health concern. He was Dean of MGIMS from Oct 2010 to July 2014. Secretary of the Kasturba Health Society since 1 August 2014.

**Dr SP Kalantri**  
**Medical Superintendent, Kasturba Hospital**

Dr SP Kalantri is an alumnus of Government Medical College Nagpur where he obtained his MD (Medicine) degree in 1981. He is also an MPH from the School of Public Health, University of California, Berkeley, USA (2005). He is a popular teacher, an astute clinician and an earnest researcher and has been responsible for the installation of the Hospital Information System (HIS) at Kasturba Hospital. Medical Superintendent of the Kasturba Hospital since September 2009.

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Hon'ble President of India, Shri Ram Nath Kovind, inaugurating the Golden Jubilee Auditorium Complex by unveiling a plaque



Shri Dhirubhai Mehta, President, Kasturba Health Society presenting a memento to the Hon'ble President of India, Shri Ram Nath Kovind



President Ram Nath Kovind addressing the faculty and students of MGIMS



Hon'ble President of India, Shri Ram Nath Kovind lighting the ceremonial lamp in the presence of the First Lady, Mrs Savita Kovind, the Hon'ble Governor of Maharashtra, Shri C Vidyasagar Rao and the Hon'ble Chief Minister of Maharashtra, Shri Devendra Fadnavis

# Highlights

## **MGIMS celebrates its Golden Jubilee Year in 2018-19**

The Mahatma Gandhi Institute of Medical Sciences (MGIMS) completes fifty years of its existence in 2018-19. The institute was started in Sevagram on 11 Sep 1969. A number of academic and cultural activities marked the Golden Jubilee Year. Almost all departments organized different academic activities. Students showcased the history of the institute in the form of skits during their cultural activities. Several alumni get-togethers were organized and alumni contributed generously towards development of the institute.

## **Dr Nitin Gangane takes over as Dean, MGIMS**

Dr Nitin Gangane took over as Dean of the institute from Dr KR Patond on 11 Jun 2018. Before this, he was Professor and Head of the Department of Pathology at MGIMS from 2004 to 2018. Dr Nitin Gangane is an alumnus of MGIMS Sevagram and the first alumnus of MGIMS to become Dean.

## **Hon'ble Vice Chancellor of MUHS inaugurates National Symposium on Genetics and Genomics**

The Centre for Genetics and Genomics organized a National Symposium on Genetics and Genomics in Human Health and Disease on 7-8 Dec 2018. Dr Deelip Mhaisekar, Honorable Vice-Chancellor of Maharashtra University of Medical Sciences, Nashik was the chief guest for the inauguration, while Shri Dhirubhai Mehta, President, Kasturba Health Society presided over the function. Dr Mhaisekar expressed the need to carry out extensive work in the subject. He also drew the attention of the audience towards stem cell research, its utility in therapeutics and the need to have guidelines for stem-cell research fellowship programmes. Dr Mrs P Narang, Organizing Chairperson, highlighted the theme of the symposium and also the scope and relevance of genetics research in medical sciences. Dr AK Pal was the Organizing Secretary. Many luminaries in the field of genetics from India and abroad attended as guest speakers.

## **MOHFW presents Certificate of Appreciation for the Kayakalp initiative to MGIMS**

On 19 Apr 2018, Mr JP Nadda (Union Health Minister) and Ms Anupriya Patel (Minister of State) presented a citation and a certificate of appreciation to Mahatma Gandhi Institute of Medical Sciences (MGIMS), Sevagram for the Kayakalp initiative. The Kayakalp initiative was launched by the Ministry of Health to improve standards of cleanliness, high sanitation practices and infection control programme in public health facilities. The Ministry of Health used six parameters to judge the hospitals: hospital upkeep, cleanliness, sanitation and hygiene, biomedical waste management, infection control and hygiene promotion. MGIMS, Sevagram was ranked fourth among 21 institutes across the country. The first, second and the third prizes went to the All India Institute of Medical Sciences, New Delhi; Postgraduate Institute of Medical Education and Research (PGIMER) Chandigarh and Jawaharlal Nehru Institute of Postgraduates Medical Education and Research, Puducherry respectively. Dr BS Garg, Secretary, Kasturba Health Society and Dr SP Kalantri, Medical Superintendent of Kasturba hospital represented the institute at the award ceremony.

## **Kasturba Hospital organizes Training Programme in Palliative Care**

Kasturba Hospital, Sevagram collaborated with Trivandrum Institute of Palliative Sciences (TIPS, an organ of Pallium India) to host a training programme in Palliative Care from 4-14 Mar 2019. The resource persons led by Padmashri Dr MR Rajagopal and Ms Gilly Burn from UK, sensitized the participants to the need for palliative care, elaborated the principles and philosophy of palliative care and discussed issues related to the importance of communication, empathy, and spirituality. A panel of palliative care specialists stayed in Sevagram to deliberate on the nuances of the practice of palliative care and gave hands-on practical training to the participants. Dr MR Rajagopal also expressed his desire to help MGIMS establish its palliative care unit under Dr SP Kalantri.

### **Ms Sneha Yadav, undergraduate student, wins the Innovation Challenge Award in the Netherlands**

Ms Sneha Yadav, undergraduate student of 2016 batch won the Innovation Challenge Award from the University of Groningen, Netherlands and University College of London (NHS, United Kingdom) for her work on “Antibodies that block the non-required site of drug target thereby reducing the adverse side-effects of anti-cancer drugs”. She attended the International Summer School on Oncology in Netherlands from 1-11 Jul 2018

### **Celebration of Gandhi @150 on World Leprosy Day 2019**

MGIMS organized a special programme on ‘Role of Gandhian philosophy in health with focus on leprosy elimination’ on 30 Jan 2019 to commemorate the 2019 World Leprosy Day. Speaking on the occasion, President of Kasturba Health Society, Shri Dhirubhai Mehta, who is also the Chairman of Gandhi Memorial Leprosy Foundation narrated Gandhi’s encounters with leprosy through Parchure Shastri. Dr BS Garg, Secretary KHS and Director, Gandhi Memorial Leprosy Foundation (GMLF) introduced the mission and strongly advocated for a stigma-free and discrimination-free world for patients of leprosy. A symposium on leprosy followed where eminent speakers included: Dr NS Dharamshaktu (Principal Public Health Advisor, GOI), Dr Rajesh Kumar (Dean, PGIMER, Chandigarh), Dr Sanjiv Kamble (Former Director General, Maharashtra) and several International Gandhi Award winners such as Dr MD Gupte (2017), Dr Atul Shah (2017), Dr RK Mutatkar (2015), Dr VV Dongre (2013) and Mr Dhage.

### **Undergraduate students win accolades for their research work at national and international fora**

Several undergraduates travelled to Sri Lanka to present their research at the International Medical Undergraduate Research Conference, University of Jayewardenepura in Colombo in Feb 2019. Ms Cheryl Mankar (2016 batch) received best paper award in the Primary Health Care category for her paper “Effect of SMS based daily messages on child-parent interaction: A quasi-experimental study”. Mr Sujay Srivastava (2016 batch) received 2nd prize for best research

paper for his paper ‘Study of VO<sub>2</sub> max in athletes upon exercise on treadmill and cycle ergometer as assessed in sports physiology laboratory’. Ms Akanksha Nath (2018 batch) received second best paper award in the Primary Health Care category for her paper “Understanding the health needs of elderly population in rural Wardha, central India: a qualitative study”.

Ms Snigdha Sharma (2016 batch) received 2nd prize for best research paper under category of completed funded research projects for her paper titled “A promising fitness parameter unleashed yet to be explored: body shape index” at the MUHS State level Research Conference in Pune on 14 Mar 2019. Mr Suryadev Vrindavanam, undergraduate student (2017 batch) received 2nd prize for best research paper at ATPCON 2018 at ESIC Medical College Hyderabad. Ms Sneha Yadav received 3rd Best Paper Award in All-Inclusive Category in the Young Investigator Research Competition for her paper “Family social and health system support for breast cancer patients in rural India” at the Global Health Summit organized by GS Medical College and Hospital, Mumbai. Mr Vineet Buradkar, undergraduate student (2017 batch) received 3rd prize for best research paper at ATPCON 2018 at ESIC Medical College in Hyderabad.

Several undergraduate students were supported by travel grants and research grants from Kasturba Health Society under their Undergraduate Research Promotion Schemes in order to facilitate their work and presentation at these conferences.

### **MGIMS develops model for empowering family and community for nurturing care of children**

MGIMS Sevagram has partnered with UNICEF along with Integrated Child Development Services (ICDS) and Health Department in Maharashtra to develop a model for empowering family and community for nurturing care of children 0-6 years. Currently, the model is being implemented in 10 ICDS projects of Aurangabad and Yavatmal districts covering approximately 12 lakhs population and engages approximately 3000 frontline workers (i.e. Anganwadi workers and ASHA). The prime objective of the project is to raise awareness and build capacity of parents and caregivers of children (0-6 years of age) for providing nurturing care, positive parenting and early stimulation which in turn will positively influence the development trajectory of

children. UNICEF is also supporting implementation of this framework in 7 more ICDS projects in Pune and Palghar through Save the Children and Gram Mangal.

The approach is to use existing opportunities through ICDS and health department, such as Anganwadi workers, ASHAs and their contact points with parents, other caregivers and communities (e.g. home visits, mothers' meetings, growth monitoring sessions and other community group meetings), to build capacity of caregivers and promote responsive caregiving and early stimulation along with child nutrition and health. A cascade model of training is being used in this project. In this, 5 training sessions of 5-days each have been developed for training of the supervisors of Anganwadi workers and ASHA. The supervisors in their turn train the frontline workers (AWW & ASHA) in one-day monthly training program at sector/ PHC level. Based on the experiences with the project so far, the district authorities in Aurangabad and Yavatmal have decided to scale-up the interventions in all blocks of the two districts. Advocacy is also being undertaken at state and national level to disseminate this model later for use in other districts of Maharashtra and the whole country.

### **MGIMS sends a medical team to flood ravaged Kerala**

A team of 22 healthcare professionals comprising of faculty, residents, interns, and undergraduates of MGIMS left for Kerala on 22 Aug 2018. The team helped more than 1500 people cope with the misery caused by floods. The MGIMS team joined hands with the local administrations and non-government organizations. Four teams-one each at Kottayam and Kothamangalam, and two at Ernakulam- worked in different geographical areas of the state. The teams held health camps to treat the flood-affected people, provided training on disinfection and provided domestic items to various relief camps. The team also assessed primary health centers, anganwadis, and schools for the damages and reported the same to the state administration. The team designed prevention interventions for water borne diseases. The team comprised of Dr Priyadarsh Ture, Dr Amit Singh, Dr Vidit Panchal, Dr Pankaj Ukey, Vaibhav Bangal, Savithri Devi, Saurabh Sharma, Anandu Raj, Samir Kumar, Sudhir, Madhur, Chitra Laxmi, Shiju Shivraman, Anjali Mohan, Madhukar Shrop, Ganesh Bhandare, Ashique, Abdul Wahab, Rajendra Yadav, Sudhir Verma, Lalit Chitture, and Dipak Katphode. The employees of the institute also pledged a day's salary to support the relief work carried out in the state.

# MGIMS 2018- 2019

(from 1 April 2018 to 31 March 2019)

## Number of:

Teaching & Research Departments	22
Postgraduate Specialities offered	20
MCI Recognized Specialities	20
Teaching faculty	131
Papers published	123
Funded research projects	32
Postgraduates passed (Degree, Diploma)	81
Postgraduates admitted (Degree, Diploma)	70
Undergraduates admitted	100
Academic activities organized	64
Outpatient visits	1041721
Out-reach patients examined	115853
Teaching beds at Kasturba Hospital	690
Service beds at Kasturba Hospital	100
Private beds at Kasturba Hospital	32
Inpatients	51818
Operations performed	21792
Investigations done (Patho,Bio, Micro)	1036658
Radiological investigations done (X Ray, CT, USG, MRI)	171861
Blood donation camps	53
Blood bags issued (Whole blood, PRC, PC, FFP)	10555
Children delivered	5320
Health insurance cards issued	107773

## From the President

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This is a landmark year in the history of the Mahatma Gandhi Institute of Medical Sciences (MGIMS). We have completed fifty glorious years of our existence. There have been several milestones in this five decade long journey and each of our Annual Reports have sequentially documented our small steps forward. I would certainly have liked to flip through these valuable pages of history, but sometimes it is nicer when someone else speaks of our accomplishments. And who better than the First Citizen of the country.

We were honoured to have the Honorable President of India, Shri Ram Nath Kovind at MGIMS on the occasion of our Golden Jubilee Year. In his address, President Kovind said:

*“In these 50 years, this hallowed institution has made stellar contribution to our nation’s progress, earning immense appreciation and respect for its academic excellence and as much for its service to people. An institution inspired by the life and teachings of Mahatma Gandhi could have only prospered in the manner.*

*The veritable connect between you and the Father of our Nation assumes a special meaning this year, when we are celebrating the 150th birth anniversary of Bapu and the 50th year of the founding of your Institute, which itself was created to mark Mahatma Gandhi Centenary in 1969. On this occasion, I wish to recall the selfless service of Dr Sushila Nayar, the founder of this Institute - a staunch Gandhian, a relentless freedom fighter and a visionary medical practitioner. She was a close associate of Gandhiji and spent considerable time at the Sevagram Ashram. I congratulate each one of you and the entire Mahatma Gandhi Institute family, spread across India and the world, on achieving the golden jubilee milestone.”*

He went on to say:

*“This medical college has many credits to itself, each more illuminating than the other. It is the first medical college to be established in rural India and as such marks a place for itself in the annals of India’s development history. Your institution was born with the noble idea of serving our people living in villages. It counts among the top medical schools in India. Your alumni occupy leadership positions in the country and elsewhere, designing national programmes and developing innovative health interventions. Some have served our country with rare distinction – your illustrious alumni Dr KK Aggrawal was honoured by Padma Shri, and several others by the Dr BC Roy award.”*

Speaking to students he said:

*“You are a beacon of hope for many and millions. I am told that before you start your studies, each one of you has to undergo an orientation programme at the Sevagram Ashram. It is a rare privilege accorded to you. You live and learn the life*

*of Mahatma Gandhi - of ethics, empathy, dignity of labour and of serving humanity. Your Village Adoption Scheme, where you look after rural families and continue your association with them throughout your stay in Sevagram, have further instilled a high sense of service in you. These features of the education ecosystem at your Institute present a template of value-based learning, which many can emulate and follow. Your rural training and your community empowerment approach is helping us bridge the gap in health service in rural and urban areas. Similarly, your innovative rural health insurance scheme has brought well-being to many."*

MGIMS is committed to training and mentoring the next generation of international leaders in science and medicine, providing a wealth of opportunities for physicians, nurses and other health professionals. At MGIMS every effort is made to acquaint the medical student to the real rural India. The Government of India in one of its reports to Parliament has stated "MGIMS is conscious of the fact that medical education needs to maintain the right balance in the eternal triangle of 'quality, quantity and equity'. In its perennial quest to attain the perfect blend, it never forgets that these three arms are not in conflict, and equity cannot be kept in abeyance." The National Rural Health Mission has spelled out the need to draw upon MGIMS Sevagram's initiatives and experience in curriculum innovation and rural placement of its graduates.

In the last fifty years, Kasturba Hospital has grown from a 15-bedded hospital into a nearly 1000-bed teaching hospital. A team of 130 consultants, 120 residents, 100 interns and 325 nurses, all staying on campus, continues its tradition of excellence.. At Kasturba Hospital health professionals are conscious of the fact that our work ought to be guided by the felt needs and unvoiced concerns. Our village location hasn't deterred us from offering low-cost, high-quality services to close to about a million outpatients and 51,000 inpatients in 2018-2019. In five decades of its existence, the medical school and the hospital have earned rave reviews and accolades for excellence in medical education, healthcare, research and community services. A recipient of 'A' grade from the National Assessment and Accreditation Council (NAAC), MGIMS also finds a place amongst the top colleges in the country, year after year.

Our students and faculty have always responded to national calamities and provided relief and succor. Our teams have provided relief during the Odisha cyclone, Bhuj earthquake, Uttarakhand landslides, and during the floods in Kerala. They have also provided medical care during the Amarnath Yatra. President Kovind commended our relief work during the Kerala floods last year.

In the 50th year of our inception, we at the Mahatma Gandhi Institute of Medical Sciences, solemnly resolve to continue with our mission of seeking excellence in medical education and providing affordable and accessible health care to the rural population.

**Dhirubhai Mehta**  
**President**  
**Kasturba Health Society**

## From the Dean

---

I am pleased to present before you, the Annual Report of the Mahatma Gandhi Institute of Medical Sciences (MGIMS) in its Golden Jubilee year (2018- 2019).

On a personal note, being the first alumna of MGIMS to get an opportunity to head this prestigious institute, has been heartening. That this opportunity came in the institute's Golden Jubilee year has been an added obligation and commitment.

The institute has done extremely well during last 50 years despite its rural location. We have been at the forefront of providing quality medical education in the country for the last five decades. The institution has been consistently ranked among the top medical institutions in the country.

The institute boasts of dedicated and skilled faculty supported by excellent infrastructure, library facilities, museums, diagnostic laboratories and skill labs that provide hands on training to students. The institution has been attracting students from all over India, as well as from several countries of South-East Asia. MGIMS has an admission capacity of 100 seats for undergraduates. The institute offers post-graduation in 20 different subjects. Almost all postgraduate courses are MCI recognized. We have made significant progress in the previous academic year which was possible due to the vigorous efforts of our management, faculty, staff and students.

This institute caters to patient services in 21 specialties, with several well equipped intensive care unit and specialty clinics. Complicated health related issues are treated at very affordable costs. The students who have graduated from this institute have been successfully practicing medicine all over the world.

MGIMS faculty members have presented their work at various national and international scientific platforms, published peer reviewed journals and acquired grants to conduct research projects. We are extremely proud of our undergraduates who have shown their research skills at this early age, by acquiring grants from the Indian Council of Medical Research (ICMR) and the Maharashtra University of Health Sciences (MUHS), participating and winning accolades in the various national and international conferences under the guidance of our talented faculty. It is indeed a pleasure to have such dedicated faculty and staff, especially in this money-oriented world.

This year was a happening one because of the numerous academic events which were held to commemorate our Golden Jubilee year. Almost all the departments have been enthusiastic about organizing various academic events such as CMEs, conferences, workshops or state level quiz competitions.

A National Symposium on Genetics and Genomics was organized in the month of December 2018, where national and international experts in the field deliberated. Our efforts to develop molecular laboratories and also to start MD in Accident and Emergency Medicine are in the pipeline.

The spacious new Dr APJ Abdul Kalam Library was inaugurated last year, and it is a glorious addition to our existing infrastructure. We also have started the construction of a state-of-the-art auditorium complex and new lecture halls. Construction for the Palliative Care Unit has been started this year.

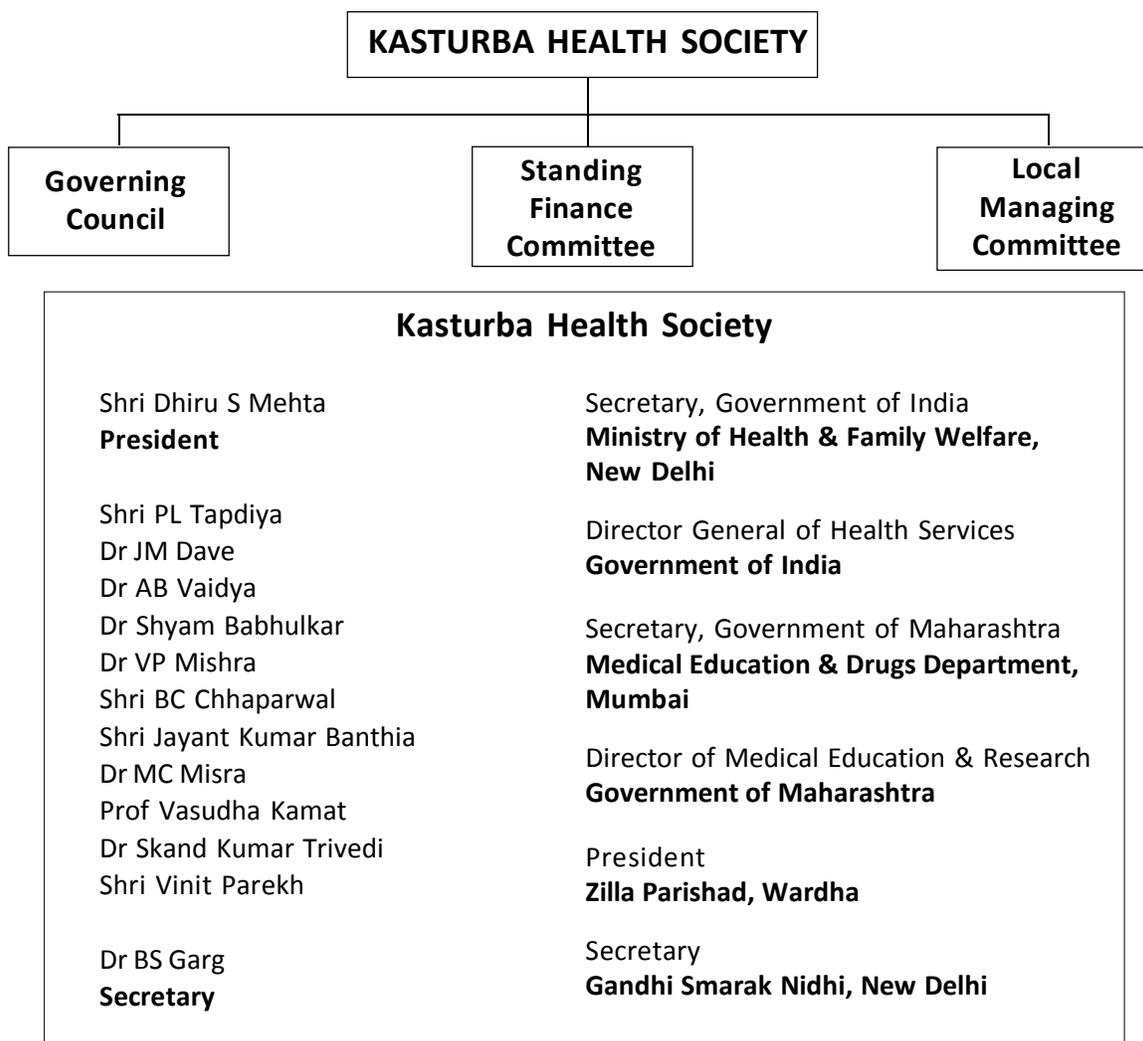
In the Golden Jubilee year, we feel proud to note that we are making long strides towards achieving our goals—be it results, faculty achievement, or overall development of the institution—despite the limitations being in this small village. However the challenges of the future are many. These are especially in the fronts of maintaining quality in educational standards, in health services, and most importantly, in research. The priorities of research are changing and funding is drying up. We need to mould ourselves to fulfil these new demands.

We know that there is lot more which we must do with wider vision, zeal and spirit of wisdom and hope. As Aristotle rightly said:

“We are what we repeatedly do. Excellence, then, is not an act, but a habit.”

**Nitin M Gangane**  
**Dean**

## Organizational Structure



All funds, assets and resources of Kasturba Health Society shall be used mostly for Kasturba Hospital, Sevagram to achieve following objectives :

- To strive for a healthy and disease free society by:
- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>(a) health education</li> <li>(b) offering preventive and curative medical care that is accessible, and affordable</li> <li>(c) encouraging need-based and community focussed research</li> <li>(d) offering health insurance</li> <li>(e) cultivating medicinal flora</li> <li>(f) running a dairy farm on modern scientific lines.</li> </ul> | <ul style="list-style-type: none"> <li>● To develop rapport, interact and join hands with like-minded people and institutions.</li> <li>● To offer training to people and organizations to create similar mission statements to help them achieve their goals.</li> <li>● To encourage people, non-government organizations and institutions to take up similar work. To lend them financial support to achieve the objectives.</li> <li>● To promote Gandhian ideology and philosophy.</li> </ul> |
|--|--|

## Governing Council

Shri Dhiru S Mehta  
**Chairman**

Shri PL Tapdiya

Dr JM Dave

Secretary to Government of India  
**Ministry of Health & FW**

Director General of Health Services  
**Government of India**

Director (IF) Government of India  
**Ministry of Health & FW**

Secretary to Government of Maharashtra  
**Medical Education & Drugs**

Director of Medical Education and Research  
**Government of Maharashtra**

Dr BS Garg  
**Member Secretary**

The Governing Council shall :

- Function within the policy and framework laid down by Kasturba Health Society.
- Meet at least twice a year.
- Provide know-how to the management in financial and investment planning.
- Examine carefully accounts submitted by standing finance committee and recommend their acceptance to Kasturba Health Society, with suitable modifications, if need be.
- Reconsider proposals rejected by Kasturba Health Society and call a joint meeting of the Council and Society to settle the issue.
- Have powers to sanction and approve budget proposals.
- Decide all expenditure proposals.
- Create class I/ II posts, appoint staff.
- Review decisions of SFC, LMC and Selection Committee.
- Lay down policy for admission as per academic council recommendations.
- Review the progress report, set new goals, and help institute achieve them.
- Make recommendations to the academic committee after reviewing progress report.
- Send progress report to Govt. of India, Govt. of Maharashtra and Kasturba Health Society.

## Standing Finance Committee

Shri Dhiru S Mehta  
**Chairman**

Director (ME) Government of India  
**Ministry of Health and Family Welfare**

Director (IF) Government of India  
**Ministry of Health & Family Welfare**

Secretary to Government of Maharashtra  
**Medical Education and Drugs**

Dr NM Gangane  
**Member - Secretary**

The Standing Finance Committee shall consider :

- All financial matters of the institute.
- Annual accounts showing the receipts and expenditure of the institute together with the audit report.
- Budget estimates showing the receipts and expenditure of the institute.
- All proposals for the creation of new posts.
- All financial matters pertaining to the institute.
- All matters related to the invitation and acceptance of new building tenders.

## Local Managing Committee

Shri Dhuru S Mehta  
**Chairman**

Shri PL Tapdiya

Shri Suresh Deshmukh

Adv PB Taori

Dr BS Garg

Dr Manish Jain

Dr Ajab Dhabarde

Dr PR Zopate

Shri AP Aote

Director General of Health Services,  
Government of India

Secretary to Government of Maharashtra,  
Medical Education & Drugs

Dr NM Gangane  
**Dean, Member - Secretary**

The Local Managing Committee shall :

- Function within the policy and framework laid down by Kasturba Health Society.
- Be responsible for academic activities of the institute and shall ensure excellence in academics.
- Help the institute develop new models of community - oriented teaching which focusses on problems relevant to rural community.
- Encourage extra-curricular activities in the institute and monitor the code of conduct of the institute.
- Make proposal for growth and development of the departments.
- Create new posts, and consider proposals for buying new equipment, expansion programmes and renovation / new construction.
- Recommend laying off of faculty and students on disciplinary grounds according to rules.
- Review proposals made by sub-committees before submitting them to SFC and Governing Council.
- Prepare budget estimates for recurring expenditure.
- Prepare budget estimates for the next financial year.
- Submit an annual report which shall highlight performance of the institute in : education, health care, community and rural service, research and growth.

# M G I M S : An introduction

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The Mahatma Gandhi Institute of Medical Sciences, Sevagram is India's first rural medical college. Nestled in the *karmabhoomi* of Mahatma Gandhi, in Sevagram, this Institute was founded by Dr Sushila Nayar in 1969. Kasturba Hospital has the distinction of being the only hospital in the country which was started by the Father of the Nation himself.

## VISION

The vision of the institute is to develop a replicable model of community oriented medical education which is responsive to the changing needs of our country and is rooted in an ethos of professional excellence.

## MISSION STATEMENT

In the spirit of its Founder, the Mahatma Gandhi Institute of Medical Sciences, Sevagram is committed to pursuit of exemplary standards of professional excellence in medical education, research and clinical care by evolving a pattern of integrating value-based medical education with accessible and affordable health care, especially to underprivileged rural communities.

## HISTORY

When Mahatma Gandhi left Sabarmati Ashram and set up his ashram at Sevagram in 1936, the epicentre of India's independence struggle shifted to this obscure village in Maharashtra. In 1938, attracted by Gandhiji's leadership in the Indian freedom struggle, a young graduate from Delhi's Lady Hardinge Medical College, Dr Sushila Nayar, arrived in Sevagram. Her selfless service to the community endeared her to the local people.

In 1944, when Gandhiji returned from his last imprisonment at Aga Khan Palace, Sevagram was experiencing a number of epidemics. In this situation, Bapu had no use of the guest house built for his guests by Shri GD Birla. He got it converted into a dispensary, and later, into a 15 bedded hospital for women and children. He put Dr Sushila Nayar in charge of the same. It was christened "Kasturba Hospital" in memory of Kasturba Gandhi, who had passed away in 1942. Initially this hospital was run by the Gandhi Smarak Nidhi. The hospital was later expanded and its services were also extended to men.

After independence, on 11 September, 1964, the 'Kasturba Health Society' was set up by the Gandhi Smarak Nidhi with Dr Sushila Nayar as its President to manage the hospital.

In 1962, Dr Sushila Nayar became the Union Health Minister. She realised that the distribution of doctors in urban and rural areas was skewed and there were no takers for rural health care. While addressing the Central Council of Health in July 1965, Prime Minister, Shri Lal Bahadur Shastri, suggested starting medical colleges in rural areas so that young doctors trained in rural settings would be sensitive to the health of people in the rural areas. Kasturba Hospital at Sevagram was the natural choice for setting up India's first experimental rural medical college.

The enthusiasm and hard work put in by Dr Sushila Nayar and her dedicated colleagues made it possible to start India's first rural medical college by admitting the first batch of 60 students in August 1969. It was started as a Gandhi Centenary Project. The Mahatma Gandhi Institute of Medical College, Sevagram was designed to be an

experimental model institute where medical education was reoriented to meet the needs of the rural areas. The expenditure of MGIMS was to be shared by the Govt of India, Govt of Maharashtra and the Kasturba Health Society in the proportion of 50:25:25.

MGIMS is 50-years-old now. From a 15 bedded hospital, the Institute has gradually grown into a 934-bedded one. Today Kasturba Hospital has 690 teaching beds, 100 service beds and 32 private rooms. The hospital provides 62 beds in different intensive care units (neonatal, pediatric, medical, coronary and burn) to care for critically ill patients. The institute also runs a 50-bedded Dr Sushila Nayar Hospital, in the tribal areas of Utawali, in Melghat in Amravati district.

### **QUALITY MEDICAL EDUCATION**

The institute strives to produce doctors of high clinical competence, professional attitudes and ethical behavior. The Institute believes that Gandhian values and principles are relevant even today and it displays a fierce commitment to advancement of medical education without losing the humane touch.

We, at MGIMS, are conscious of the fact that medical education needs to maintain the right balance in the eternal triangle of 'quality, relevance and equity'. In our perennial quest to attain the perfect blend, we never forget that these three arms are not in conflict, and equity cannot be kept in abeyance. The students at MGIMS are drawn from all parts of the country and come from all kinds of social backgrounds. Every effort is made to acquaint the medical student to the real rural India. Our approach to medical education with the spotlight on rural community oriented education makes our doctors sensitive to the felt needs of the people they would be serving in their future. Our students are expected to adhere to professional norms which include altruism, compassion, empathy, accountability, honesty and integrity.

The students and staff of the Institute adhere to a unique code of conduct, where they are expected to wear hand-woven khadi, participate in shramdan and attend an all-religion prayer every Friday evening. Non-vegetarian food, alcohol and tobacco are taboo.

The Institute offers MCI recognized degrees and diplomas in 20 postgraduate disciplines and PhDs in nine departments. It boasts of a well equipped library which is a recognized resource library for HELLIS network in Western India. Two of its present faculty members, Dr BC Harinath (1992), and Dr (Mrs) P Narang (2002) are recipients of the National BC Roy Award.

Since 1991, the Institute had asked all its graduates to serve for two years in rural areas. 80 non-governmental organizations have joined hands with the institute to fulfill this dream. This rural service was mandatory criterion for applying for post-graduation in this Institute. With the introduction of NEET this criterion had to be abandoned. The Report of the Task Force on Medical Education of the National Rural Health Mission spells out the need to draw upon MGIMS Sevagram's initiatives and experience in curriculum innovation and rural placement of its graduates. It suggests launching a participatory exercise with MGIMS and other like-minded institutions, so that national guidelines can be formulated. Several such visionary and innovative education strategies which started from the Institute have now been adopted by the government.

### **RURAL HEALTH CARE**

The Institute primarily caters to the rural populace. Almost three-fourths of the patients who visit our hospital come from rural backgrounds. The patient load comes to us not only from Vidarbha in Maharashtra, but also from adjoining parts of Andhra Pradesh, Telangana, Madhya Pradesh and Chhatisgarh. Kasturba Hospital is a rural institute but it does not lack in any of the modern health care amenities and is able to provide health services at affordable costs. Kasturba Hospital offers the benefits of modern technology with compassionate health care.

In 2018-19, 1041721 patients attended the hospital as outpatients and 51818 patients were admitted for various ailments. The Hospital has state-of-the-art intensive care units in Medicine, Surgery, Obstetrics and Gynecology and Pediatrics which provide excellent critical care. A well equipped hemodialysis unit is available for patients of renal failure. The Sri Satya Sai Accident and Emergency Unit provides succour to patients of trauma. The Institute has a Blood Component Unit which provides components not only to patients in Kasturba hospital, but also to adjoining private hospitals. Facilities for MRI, CT Scan and Mammography are available. The Institute also has a linear accelerator which is used for treatment of cancer patients. The Pathology, Microbiology and Biochemistry laboratories have in-house facilities to conduct a battery of diagnostic tests. All departments of the hospital are connected by an advanced Hospital Information System and have wi-fi access. The Institute has also added digital subtraction angiography, brachytherapy and a cath lab to its armamentarium.

### **COMMUNITY SERVICE**

The Institute's commitment to the community is well known. Community-based programmes have been consistently implemented to enhance health care services. The Department of Community Medicine has adopted four primary health centres and developed a model of decentralized healthcare delivery at village level through Community-based Organizations and the Panchayati Raj Institutions. It has formed 239 Self-help groups, 13 *Kisan Vikas Manch* and 89 *Kishori Panchayats* in the adopted villages. Through innovative strategies, family life education is provided to adolescent girls in all the programme villages.

The health insurance scheme of the institute has won several accolades as it seeks to create health consciousness in the community. A villager can insure himself and his family by paying Rs 400 a year and in return he gets 50% subsidy in OPD and indoor bills. In 2018-19, 20202 families (89523 members) around Sevagram volunteered to obtain health insurance from this hospital. Similarly 40 villages were totally insured and 155847 rural people were insured under this scheme. No other medical institution has achieved this kind of coverage so consistently over the years and at so affordable a rate.

The National Rural Health Mission has lauded the 'positive contribution of MGIMS in maternal health activities conducted in partnership with the Govt of India'. In 2006, the Institute was awarded the Mahaveer Award for Excellence in the Sphere of Education and Medicine by the Hon'ble President of India.

### **RESEARCH**

The focus of the Institute has been on community based medical research. Quality research has been the hallmark of this rural institute and the large number of funded projects awarded to the various departments is ample testimony to the potential of the researchers. We have consistently received funding from the Indian Council of Medical Research, Department of Science and Technology, Department of Biotechnology, WHO, UNICEF, National Institutes of Health (NIH), National Heart Lung Blood Institute (NHLBI) and other such organizations. Being located in Sevagram has never been a hurdle in acquiring either funds or facilities as the enthusiasm and the dedication of the faculty surpasses all other deterrents. Each year, the large numbers of national and international peer reviewed publications from this Institute provide evidence of excellence in research.

Over the last five decades, the MGIMS faculty has been striving hard to imbibe the philosophy which makes it pursue excellence in academics, healthcare and research, more than mundane needs and money; and to maintain excellence in quality. Today, MGIMS has impressive academic standards and excellent research facilities. In the 50 years of its existence, 2700 doctors have graduated from the hallowed premises of MGIMS. Our alumni, spread far and wide across the globe, continue to bring laurels to their Alma Mater.

# Objectives

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## MEDICAL EDUCATION

- To evolve an integrated pattern of medical education
- To provide value-based and cost-effective medical education with a community oriented approach
- To teach and train doctors to be responsive to the health needs of people living in resource limited settings

## HEALTH SERVICE

- To provide high-quality, low-cost, evidence-based health care to the local communities
- To design efficient and effective health care delivery systems consonant to the needs of communities
- To empower the community by involving people in their own health care
- To promote professionalism and ethical application of practice standards

## RESEARCH

- To promote excellence in designing and conducting research that focuses on local health problems, is feasible, interesting, novel, ethical and relevant
- To develop collaborative and consultative research partnerships with patients, care givers and the community

<b>Years of Establishment</b>	
Kasturba Hospital	1944
Kasturba Health Society	1964
Mahatma Gandhi Institute of Medical Sciences	1969
Kasturba Nursing School	1973
Kasturba Nursing College	1997

# Faculty

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## Anatomy

### Dr MR Shende

MS (Nagpur Uni.1984)  
*Professor & Head*

### Dr Asoke Pal

MSc Zoology  
(Calcutta Uni. 1979)  
PhD Cytogenetics  
(Burdwan Uni. 1985)  
*Professor (Cytogenetics)*

### Dr AM Tarnekar

MS (Nagpur Uni. 2002)  
*Professor*  
(Left on 25 Jul 2018)

### Dr JE Waghmare

MS (BAMU Aurangabad 2005)  
Msc (HPE) (MUHS Nashik 2018)  
*Associate Professor*

### Dr V Wankhede

MS (Nagpur Uni. 2004)  
*Associate Professor*

### Dr P Bokariya

MSc (Rajasthan Uni. 2004), PhD  
(KIMS 2018)  
*Asst. Professor*

### Dr B Sontakke

MD (MUHS Nashik 2009)  
*Asst. Professor*  
(Left on 22 Oct 2018)

### Dr V Gujar

MD (MUHS Nashik 2012)  
*Asst. Professor*

### Dr Shweta Talhar

MD (MUHS Nashik 2012)  
*Asst. Professor*

## Anesthesia

### Dr Sucheta Tidke

MD (Nagpur Uni.1991)  
*Professor & Head*

### Dr PS Dhande

MD (Nagpur Uni. 1985)  
*Professor*

### Dr Sudha Jain

MD (Nagpur Uni. 1985)  
*Professor*

### Dr B Premendran

MD (Nagpur Uni. 2005)  
*Associate Professor*

### Dr Dhiraj Bhandari

MD (MUHS Nashik, 2010), DNB,  
MNAMS, PDCC Cardiac Anesthesia,  
IDCCM (Critical Care Medicine),  
EDIC (Critical Care Medicine 2016)  
*Associate Professor*

### Dr M Fulzele

DA (Nagpur Uni.1991), DNB  
(NBE, 2016)  
*Asst. Professor*

### Dr Amita Sahoo

DA (MUHS Nashik,2011), DNB  
(NBE, 2013)  
*Asst. Professor*

### Dr Rachana Bagrodia

MD (MUHS Nashik,2013)  
*Asst. Professor*  
(Left on 23 Feb 2019)

### Dr Amol Bele

MD (MUHS Nashik,2015)  
*Asst. Professor*  
(Left on 1 Mar 2019)

### Dr Abhinav Lambe

MD (MUHS Nashik,2017),  
DNB(NBE, 2017)  
*Asst. Professor*  
(Joined on 23 Jul 2018,  
Left on 22 Jan 2019)

### Dr Nikhil Yadav

MD (MUHS Nashik,2017),  
DNB(NBE, 2017)  
*Asst. Professor*  
(Joined on 23 Jul 2018,  
Left on 22 Jan 2019)

## Biochemistry

### Dr Satish Kumar

MD (Nagpur Uni.1994)  
*Professor & Head*

### Dr KalyanGoswami

MD (BHU, 1999)  
*Professor*  
(Left on 8 Oct 2018)

### Dr Kanchan Mohod

MD (Nagpur Uni. 2008)  
*Associate Professor*

**Dr Pranita Waghmare**  
MD (MUHS Nashik, 2009)  
*Asst. Professor*

**Dr Ashwini Kamble**  
MD (MUHS Nashik, 2012)  
*Asst. Professor*  
(Left on 28 Oct 2018)

## Cardiac Surgery

**Dr Pankaj Pohekar**  
MS (MUHS Nashik, 2012), MCh  
(CVTS) (MUHS Nashik, 2016)  
*Asst. Professor*  
(Joined on 13 Aug 2018)

## Community Medicine

**Dr BS Garg**  
MD (Meerut Uni. 1980)  
PhD (Meerut Uni. 1989)  
FAMS (NAMS 2003)  
*Secretary KHS & Director-Professor*

**Dr AM Mehendale**  
MD (Nagpur Uni. 1986)  
MPH  
(Uni. of North Carolina 1996)  
*Director-Professor & Head*

**Dr SS Gupta**  
MD (Pediatrics) (PGIMER 1995)  
DNB (MCH) (NBE, 1997),  
DNB (SPM) (NBE, 2005)  
*Professor (Social Pediatrics)*

**Dr PR Deshmukh**  
MD (Nagpur Uni. 1998)  
*Professor*  
(Left on 16 Jul 2018)

**Dr Chetna Maliye**  
MD (Nagpur Uni. 2002)  
DHA (2001)  
*Professor*

**Dr DG Dambhare**  
MD (Mumbai Uni. 2002)  
*Associate Professor*

**Mr MS Bharambe**  
MSc Statistics  
(Nagpur Uni. 1984)  
*Associate Professor (Statistics)*

**Dr Abhishek Raut**  
MD (MUHS Nashik, 2009), DNB  
(SPM) (NBE, 2011)  
*Associate Professor*

**Dr Ranjan Solanki**  
MD (MUHS Nashik, 2010),  
PGDGM (IGNOU, 2013)  
*Asst. Professor*  
(Left on 16 Jul 2018)

**Dr Ashwini Kalantri**  
MD (MUHS Nashik, 2015)  
*Asst. Professor*

**Dr Abhay Ambilkar**  
MD (MUHS Nashik, 2013)  
*Asst. Professor*  
(Left on 17 Aug 2018)

**Dr Anuj Mundra**  
MD (MUHS Nashik, 2017)  
*Asst. Professor*  
(Joined on 16 Apr 2018)

**Dr Sourav Goswami**  
MD (MUHS Nashik, 2018),  
PGDMCH (IGNOU, 2016),  
PGDGM (IGNOU, 2017),  
DNB (NBE, 2019)  
*Asst. Professor*  
(Joined on 14 Jul 2018)

**Dr Arjankumar Jakasania**  
MD (Gujarat Uni, 2018)  
*Asst. Professor*  
(Joined on 23 Oct 2018)

**Mr PV Bahulekar**  
MA English (Nagpur Uni. 1979)  
MA Sociology  
(Nagpur Uni. 1986)  
CHE (CHEB, 1996)  
*Social Scientist*

## Dentistry

**Dr BK Patle**  
MDS (Mumbai Uni. 2005)  
*Professor & Head*

**Dr PP Sanghavi**  
MDS (DMIMS Uni. 2009)  
*Associate Professor*

**Dr Kalyani Joshi**  
MDS (DMIMS Sawangi, 2016)  
*Asst. Professor*

## Dermatology, Venereology & Leprosy

**Dr S Kar**  
MD (Mangalore Uni. 1993)  
*Professor & Head*

**Dr Sonia Jain**  
MD (MS Uni. Baroda 2000)  
*Professor*

**Dr Namrata Mahajan**  
MD (MUHS Nashik, 2016)  
*Asst. Professor*  
(Joined on 12 Feb 2019)

## ENT

**Dr PS Nagpure**  
MS (Nagpur Uni. 1988)  
*Professor & Head*

**Dr Deepika Garg**  
MS (MUHS Nashik, 2010)  
*Associate Professor*

**Dr Megha Kawale**  
MS (MUHS Nashik, 2015)  
*Asst. Professor*

## **Forensic Medicine & Toxicology**

**Dr BH Tirpude**  
MD (Nagpur Uni. 1993),  
LLB, PhD  
*Director-Professor & Head*

**Dr PN Murkey**  
MD (Mumbai Uni. 2000), LLB  
*Professor*

**Dr IL Khandekar**  
MD (Nagpur Uni. 2007), LLB  
*Professor*

**Dr PR Zopate**  
MD (Nagpur Uni.2008)  
*Asst. Professor*

## **Medicine**

**Dr OP Gupta**  
MD (Jiwaji Uni.1969)  
*Emeritus Professor*

**Dr AP Jain**  
MD (Lucknow Uni.1970)  
PhD (Nagpur Uni.1990),  
FICP (1997)  
*Emeritus Professor*

**Dr UN Jajoo**  
MD (Nagpur Uni.1976)  
*Director-Professor*

**Dr SP Kalantri**  
MD (Nagpur Uni.1981)  
MPH (UC, Berkeley 2005)  
*Director-Professor & Medical Superintendent*

**Dr Jyoti Jain**  
MD (Jiwaji Uni.1999), PGDGM  
(IGNOU, 2015), PhD  
(MUHS Nashik 2017)  
*Professor & Head*

**Dr A Satav**  
MD (Nagpur Uni.1996)  
*Professor*  
(Left on 8 Nov 2018)

**Dr Bharati Taksande**  
MD (Nagpur Uni. 2003),  
PGDGM(IGNOU, 2009)  
*Professor*

**Dr Amrish Saxena**  
MD (Jiwaji Uni. 2002)  
*Associate Professor*

**Dr Samir Yelwatkar**  
MD (Nagpur Uni. 2007),  
PGDGM(IGNOU, 2012)  
*Associate Professor*

**Dr Vishakha Jain**  
MD (Nagpur Uni. 2007),  
PGDGM(IGNOU, 2012)  
*Associate Professor*

**Dr Sumedh Jajoo**  
MD (MUHS Nashik, 2012), PGDGM  
(IGNOU, 2010)  
EDIC (Critical Care Medicine 2016)  
*Associate Professor*

**Dr N Reema**  
MD (MUHS Nashik 2017)  
*Asst. Professor*  
(Joined on 26 Jul 2018, Left on 28 Dec 2018)

**Dr Asmita Meshram**  
MD (MUHS Nashik 2017)  
*Asst. Professor*  
(Joined on 26 Jul 2018, Left on 31 Dec 2018)

**Dr Shital Ingale**  
MD (MUHS Nashik 2016)  
*Asst. Professor*  
(Joined on 10 Sep 2018)

**Dr Rajdeep Nath**  
MD (MUHS Nashik 2016)  
*Asst. Professor*  
(Joined on 15 Sep 2018)

**Dr Gunjan Dalal**  
MD (MUHS Nashik 2016), DNB  
(NBE, 2017), PGDGM  
(IGNOU, 2014)  
*Asst. Professor*  
(Joined on 10 Sep 2018)

## **Microbiology**

**Dr (Mrs) P Narang**  
MD (Delhi Uni.1978)  
*Emeritus Professor*

**Dr Vijayashri Deotale**  
MD (Nagpur Uni. 1992)  
*Professor & Head*

**Dr Rahul Narang**  
MD (Nagpur Uni. 1997),  
PhD (RTM Nagpur Uni. 2007),  
MBA (2014)  
*Professor*

**Dr Dipak C Thamke**  
MD (Nagpur Uni. 2000)  
*Associate Professor*

**Dr DL Maraskolhe**  
MD (MUHS Nashik, 2009)  
*Asst. Professor*

**Dr Ruchita Atal**  
MD (DMIMS Uni. 2011)  
*Asst. Professor*

## Neurosurgery

**Dr Prasheel Gupta**  
MS (Jiwaji Uni. 2013), MCh  
(Neurosurgery)  
(MUHS Nashik 2017)  
*Asst. Professor*

**Dr Nikhil Bhambre**  
MS (MUHS Nashik 2013),  
MCh(Neurosurgery)  
(MUHS Nashik 2017)  
*Asst. Professor*  
(Left on 1 Mar 2019)

**Dr Sandeep More**  
MS (MUHS Nashik 2014),  
MCh(Neurosurgery)  
(MUHS Nashik 2018)  
*Asst. Professor*  
(Joined on 18 Feb 2019)

## Obstetrics & Gynecology

**Dr S Chhabra**  
DGO, MD (Nagpur Uni. 1975)  
Advanced Training in  
MCH(Liverpool, 1989)  
Dip in Int. Mat. Health  
(Uppsala University, Sweden  
1995)  
*Emeritus Professor,*  
*CEO, Women and Child Welfare*  
*Centre, Aakanksha*  
*OSD, Dr Sushila Nayar Hospital,*  
*Utawali, Melghat*

**Dr Poonam Varma Shivkumar**  
MD (Nagpur Uni. 1990)  
Advanced training in SHRH  
(Uppsala University, Sweden)  
*Professor & Head*

**Dr Surekha Tayade**  
MD (Nagpur Uni. 1999), DNB,  
MNAMS, FICOG, Dip in Clin Res  
*Professor*

**Dr Shuchi Jain**  
MD (Baroda Uni. 2001), FICOG  
*Professor*

**Dr Pramod Kumar**  
MD (Ranchi Uni. 2003)  
*Associate Professor*

**Dr Amardeep Tembhare**  
MD (MUHS Nashik, 2009),  
MNAMS, LLB  
*Associate Professor*

**Dr Shila Shelke**  
DGO (MUHS Nashik, 2010),  
DNB(NBE, 2013)  
*Asst Professor*

**Dr Neha Gangane**  
MS (MUHS Nashik, 2016)  
*Asst. Professor*

**Dr Ketki Thool**  
MS (MUHS Nashik, 2017)  
*Asst. Professor*  
(Joined on 8 Aug 2018, Left on 7 Feb  
2019)

**Dr Jaya Kore**  
MS (MUHS Nashik, 2017)  
*Asst. Professor*  
(Joined on 7 Feb 2019)

## Ophthalmology

**Dr AK Shukla**  
MS (Delhi Uni. 1989), DNB, FRCS  
*Director-Professor & Head*

**Dr Smita Singh**  
MS(Delhi Uni. 1994) DNB  
(NBE, 1994)  
*Professor*

**Dr Kavita Satav**  
MS (Nagpur Uni. 2000)  
*Associate Professor*  
(Left on 8 Nov 2018)

**Dr Ajab Dhabarde**  
MD (Nagpur Uni. 2004)  
*Associate Professor*

**Dr Puja Bang**  
MS (Mumbai Uni.2006)  
*Associate Professor*

**Dr Pravin Kumar Dhuwadhapare**  
MS (MUHS Nashik 2014), DNB  
(NBE 2015)  
*Asst Professor*  
(Left on 28 Jun 2018)

**Dr Anuradha Khodake**  
MS (MUHS Nashik 2017)  
*Asst Professor*  
(Joined on 21 Aug 2018,  
Left on 2 Dec 2018)

**Dr Shweta Parakh**  
MS (MUHS Nashik 2015)  
*Asst Professor*  
(Joined on 10 Sep 2018)

## Orthopedics

**Dr KR Patond**  
MS (Nagpur Uni.1983)  
*Director-Professor*

**Dr CM Badole**  
MD Com Med  
(Nagpur Uni. 1989)  
MS Ortho (Nagpur Uni. 1992)  
*Professor & Head*

**Dr Pramod Jain**  
MS (Nagpur Uni. 2000)  
*Professor*

**Dr Kiran Wandile**  
MS (Nagpur Uni. 2003)  
*Professor*

**Dr Gajanan Chintawar**  
MS (DMIMS Sawangi, 2016)  
*Asst Professor*  
(Left on 22 Jul 2018)

**Dr Mriganka Medhi**  
MS (Nagpur Uni, 2001)  
*Asst Professor*

**Dr Ashish Chauhan**  
MS (MUHS Nashik, 2016)  
*Asst Professor*  
(Joined on 15 Feb 2019, Left on 30 Mar 2019)

**Dr Tanmay Dua**  
MS (MUHS Nashik, 2016)  
*Asst Professor*  
(Joined on 5 Sep 2018, Left on 13 Dec 2019)

## **Pathology**

**Dr Nitin Gangane**  
MD (Nagpur Uni. 1987)  
DNB (NBE, 1989), FUICC (2007),  
PhD (Umea Uni 2018)  
*Director-Professor & Dean*

**Dr A Gupta**  
MD (Jiwaji Uni. 1994),  
MHPE(Keele Uni. 2016)  
*Professor & Head*

**Dr VB Shivkumar**  
MD (Allahabad Uni. 1990)  
*Professor*

**Dr Anshu**  
MD (Nagpur Uni. 1997)  
DNB (NBE, 2005), MNAMS,  
MHPE (Maastricht Uni. 2014)  
*Professor*

**Dr Manisha Atram**  
MD (MUHS Nashik, 2009)  
*Associate Professor*

**Dr Ritu S Agrawal**  
MD (Barkatullah Uni. 2014)  
*Asst. Professor*  
(Left on 10 Oct 2018)

**Dr Bharat U Patil**  
MD (MUHS Nashik, 2014)  
*Asst. Professor*

**Dr Abhay Deshmukh**  
MD (MUHS Nashik, 2015)  
*Asst. Professor*

**Dr Shubhangi Mangam**  
MD (MUHS Nashik, 2015)  
*Asst. Professor*

**Dr Vina Dhurve**  
MD (MUHS Nashik, 2015)  
*Asst. Professor*

**Dr Hidayatulla Khan**  
MD (MUHS Nashik, 2017)  
*Asst. Professor*  
(Left on 4 Mar 2019)

**Dr Pravinkumar Ghongade**  
MD (MUHS Nashik, 2017)  
*Asst. Professor*  
(Joined on 2 Apr 2018)

## **Pediatrics**

**Dr Manish Jain**  
MD (Nagpur Uni. 2001), PGDAP  
*Professor & Head*

**Dr Akash Bang**  
MD (Nagpur Uni.2005), DNB,  
PGDMLS  
*Professor*

**Dr Varsha Chauhan**  
MD (Mumbai Uni. 2003), DCH,  
PGDDN  
*Associate Professor*

**Dr Smita Jategaonkar**  
MD (Mumbai Uni. 2000), DNB  
(NBE, 2001), DCH, PGDND  
*Associate Professor*

**Dr Shridhar Jadhav**  
MD (Bharati Vidyapeeth DU  
Pune, 2017)  
*Asst. Professor*  
(Joined on 19 Nov 2018)

## **Pharmacology**

**Dr Sushil Kumar Verma**  
MD (Nagpur Uni. 1993), PGDHHM  
(IGNOU)  
*Professor & Head*

**Dr DD Gosavi**  
MD (Nagpur Uni. 1999)  
*Professor*

**Dr Ranjana Kale**  
MD (BAMU 2001)  
*Professor*

**Dr Mohan Pethe**  
MD (MUHS Nashik, 2011)  
*Asst Professor*

**Dr LV Chimurkar**  
MD (Nagpur Uni. 2007)  
*Asst Professor*

## **Physiology**

**Dr AR Chaudhari**  
MD (Nagpur Uni. 1987)  
*Professor & Head*

**Dr Shobha Pajai**  
MD (Nagpur Uni. 1997)  
*Associate Professor*

**Dr Nishant Bansod**  
MD (RTM Nagpur Uni. 2002)  
*Associate Professor*

**Dr SM Pawar**  
MD (RTM Nagpur Uni. 2008),  
DNB (NBE 2017) PGDGM (IGNOU  
2017), PhD (MUHS Nashik 2017)  
*Associate Professor*

**Dr Ruchi Kothari**  
PhD (MUHS Nashik, 2015)  
*Associate Professor*

**Dr Vinod Shende**  
MD (MUHS Nashik, 2009), DNB  
(NBE 2016), PGDGM  
(IGNOU 2017), PhD  
(MUHS Nashik 2017)  
*Asst. Professor*

## Psychiatry

**Dr Kshirod Kumar Mishra**  
MD (MUHS 1996)  
*Professor & Head*

**Dr Sachin Gedam**  
MD (Dibrugarh Uni.2012)  
*Associate Professor*

**Dr Harshal Sathe**  
MD (MUHS Nashik 2016)  
*Asst. Professor*

**Dr Anant Prakash Saraf**  
MD (Guwahati Uni. 2017)  
*Asst. Professor*  
(Joined on 16 Jul 2018,  
Left on 18 Jan 2019)

**Dr Priyanka Yadav**  
MD (MUHS Nashik, 2017), DPM  
(Ranchi Uni. 2014)  
*Asst. Professor*  
(Joined on 4 Feb 2019)

## Radiology

**Dr Atul Tayade**  
MD (Nagpur Uni. 1988)  
*Professor & Head*

**Dr SK Kale**  
MD (BAMU Aurangabad 1995)  
*Professor*

**Dr Dhanajay Ghodke**  
MD (Nagpur Uni. 1988), DNB  
(NBE, 1991)  
*Associate Professor*  
(Joined on 7 May 2018)

**Dr Saurabh Patil**  
MD (MUHS Nashik, 2014)  
*Asst. Professor*

**Dr Atul Dhok**  
MD (MUHS Nashik, 2016)  
*Asst. Professor*

**Dr Namrata**  
MD (MUHS Nashik, 2017)  
*Asst. Professor*  
(Joined on 17 Jul 2018,  
Left on 16 Oct 2018)

## Radiotherapy

**Dr VJ Vyas**  
MD (Devi Ahilya Uni.1986)  
*Professor & Head*

**Dr Ashok Singh**  
MD (MUHS Nashik 2016)  
*Asst. Professor*

**Dr Sailendra Narayan Parida**  
MD (UtkalUni, 2014)  
*Asst. Professor*  
(Left on 12 Dec 2018)

**Dr Deepika Malik**  
MD (MUHS Nashik 2017)  
*Asst. Professor*  
(Joined on 2 Jan 2019)

**Ms BU Mahindrakar**  
MSc (BAMU Aurangabad, 2003)  
*Lecturer in Biophysics*

## Surgery

**Dr R Narang**  
MS (Punjab Uni. 1969)  
*Sr Consultant &  
Emeritus Professor*

**Dr D Gupta**  
MS (Nagpur Uni. 1989)  
*Professor & Head*

**Dr Bhupendra Mehra**  
MS (Rani Durgavati Uni.  
Jabalpur 2000),  
PhD (MUHS Nashik, 2018)  
*Professor*

**Dr PA Jategaonkar**  
MS (Nagpur Uni.2000), FNB  
(Mas), DNB (Surg),  
DNB (Surg Gastroenterology),  
MRCS, FACS, FMAS, MNAMS,  
PGDHA  
*Professor*

**Dr S Siddharth Rao**  
MS (Nagpur Uni.2007)  
*Associate Professor*

**Dr RK Pandey**  
MS (Nagpur Uni. 1999)  
*Associate Professor*

**Dr Anil Akulwar**  
MS (Nagpur Uni. 1986)  
*Associate Professor*

**Dr Raju Gore**  
MS (MUHS Nashik, 2015)  
*Asst. Professor*  
(Left on 2 Jul 2018)

**Dr Tushar Parmeshwar**  
MS (MUHS Nashik, 2016)  
*Asst. Professor*

**Dr Akshay Akulwar**  
MS (MUHS Nashik, 2016)  
*Asst. Professor*

**Dr Vinod Pusdekar**  
MS (Pune Uni. 2006)  
*Asst. Professor*  
(Left on 2 Jul 2018)

**Dr Richa Goyal**  
MS (Jiwaji Uni. 2006), MCh  
(Plastic Surgery)  
(MUHS Nashik 2017)  
*Asst. Professor*

**Dr Amit Kumar Singh**  
MS (MUHS Nashik, 2017)  
*Asst. Professor*  
(Joined on 17 Jul 2018,  
Left on 26 Oct 2018)

**Dr Amit Pujari**  
MS (Nagpur Uni. 2007)  
*Asst. Professor*  
(Joined on 31 Jul 2018)

**Dr Dhammpal Bagate**  
MS (MUHS Nashik, 2017)  
*Asst. Professor*  
(Joined on 14 Sep 2018)

**Dr Anurag Yadav**  
MS (MUHS Nashik, 2017)  
*Asst. Professor*  
(Joined on 14 Dec 2018, Left on

3 Mar 2019)

**Dr Mangesh Hivre**  
MS (MUHS Nashik, 2017)  
*Asst. Professor*  
(Joined on 21 Jul 2018,  
Left on 7 Aug 2018)

### Visiting Consultants

**Dr Shyam Babhulkar**  
*Neurosurgeon*

**Dr R Soni**  
*Urologist*

**Dr Vipul Seta**  
*Cardiologist*

**Dr Ram Ghodeswar**  
*Cardiologist*

**Dr Mukund Baheti**  
*Neurologist*

**Dr Suraj Kumar Agrawal**  
*Oncosurgeon*

**Dr P Choksi**  
*Obstetrician and Gynecologist*

**Dr Jitendra Hazare**  
*Pediatric Surgeon*

**Dr Sandeep Chaurasia**

*Pediatrician*

**Dr Megha Hore**  
*Anesthetist*

**Dr Shashank Hore**  
*Orthopedician*

**Dr Sachin Dhomne**  
*Neuroradiologist and  
Interventional Radiologist*

**Dr Ravi Sautha**  
*Orthopedic Surgeon*

**Dr Prashant Parate**  
*Orthopedic Surgeon*

**Dr R Dhanireddy**  
*Neonatalogist*

**Dr Sandip Joge**  
*Veterinary Consultant*

**Dr Brajpal Tyagi**  
*ENT Surgeon*

**Dr Pankaj Harkut**  
*Cardiologist*

**Dr Abhay Bhojar**  
*Pediatric Cardiologist*

**Dr Ajit Phadke**  
*Orthopedician*

MGIMS Faculty (as on 31.3.2019)	
Dean	1
Emeritus Professors	5
Professors	48
Associate Professors	30
Assistant Professors	47
<b>TOTAL</b>	<b>131</b>

# Growth

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## **Dr APJ Abdul Kalam Library now operational**

On 24 Jul 2018, Dr APJ Abdul Kalam Library was inaugurated at MGIMS. The construction of the library was made possible through a generous donation from the RG Manudhane Foundation for Excellence —a Mumbai based charitable foundation. The state-of-the-art library spread across 16000 square feet, features lounge chairs, sofas and cushioned tiered reading spaces for 225 undergraduate students, 100 postgraduate students and 75 faculty. In addition to 50,000 journals and books, the library also hosts an audiovisual room, a group discussion room, a 50-seater computer section, reprography area, areas for study, secure archival storage for books, thesis and journals and a cafeteria. It also provides enough lockers for students to preserve their belongings. The entire area is wi-fi enabled and will have an electronic RFID system that will identify, track, sort and detect library books and journals and would offer self-check-ins and checkouts.

## **MGIMS starts Nodal Centre for Obstetric HDU/ICU Training for Doctors and Staff Nurses**

Critical patients of obstetric emergencies need to be managed efficiently by competent medical personnel. The Ministry of Health and Family Welfare, Govt of India has identified MGIMS as the first nodal centre to conduct training on obstetrical critical care management.

The Nodal Centre at MGIMS trains doctors and nurses how to manage critical pregnant women with complications in high dependency units (HDUs) and intensive care units (ICUs). These health care personnel are trained in: the concept of critical care, HDU/ICU, step up and step down, rapid initial assessment, triaging and primary care, team work in critical care obstetrics, transport of critically ill pregnant women, nursing care in obstetric emergencies, basics of blood, blood products and blood transfusion, basics of fluid and electrolyte management, airway management and ventilation techniques. This step will go a long way in reducing maternal mortality.

MGIMS uses a multidisciplinary approach in the management of such cases. The Departments of Obstetrics and Gynecology, Anesthesia, Medicine, Pediatrics, Pathology, Microbiology, Biochemistry and Nursing are involved in this training. The training started in 2017 and so far, we have trained six batches: four from Madhya Pradesh and one each from Assam and Telangana.

## **Kasturba Hospital offers Angioplasty and Cardiac Surgery**

Kasturba Hospital, Sevagram started performing cardiac surgeries at its state-of-art operation theatre. Over a year, 65 patients underwent heart operations in the hospital. Most beneficiaries took advantage of the Mahatma Jyotiba Phule Jan Arogya Yojana that offers cashless cardiac surgery to poor patients. The hospital developed a Heart Team— a group of qualified physicians, cardiac surgeon and the cardiologists—who collaborated to determine the best treatment plan for each individual patient. They designed strategies that were patient-centric and evidence-based. Patients with heart valve problems and those suffering from blocked coronary arteries were offered interventions that eased their misery and improved the quality of their life.

### **Sports Physiology Laboratory inaugurated at MGIMS**

On 5 Jun 2018, Shri Dhirubhai Mehta, President, Kasturba Health Society, inaugurated the newly refurbished Sports Physiology laboratory in the Dept of Physiology. This Sports Physiology lab is equipped with a complete exercise physiology recording and analysis system for monitoring cardiorespiratory and metabolic function. Dr Ruchi Kothari, Associate Professor of Physiology is incharge of the lab. The lab has facility to perform complete heart rate variability analysis (time & frequency domains analysis), ECG analysis interpretation, PQRST amplitudes and ST elevation as well.

### **New Gymnasium set up in the Boys' Hostel**

A new gymnasium with state-of-the-art equipment, was constructed in the boys' hostel at an approximate cost of Rs 20 lakhs. Now the inmates of the hostel as well as faculty have an opportunity to pump iron and get their daily dose of exercise.

# Shape of Things to Come

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## **Palliative Care Centre to be started at Kasturba Hospital**

Patients and their families fighting with end of life issues and struggling with pains and maladies that chronic incurable disease breed can look forward to a ray of hope. A 30-bed palliative care centre on the campus is afoot and is likely to be functional in the first quarter of 2020. This centre shall assess the needs of patients suffering from and diagnosed with advanced illness— cancer and other chronic diseases—and shall ensure the best quality of life for them. Funded by a generous donation from a Mumbai based philanthropist, this center shall focus primarily on anticipating, preventing, diagnosing, and treating symptoms experienced by patients with a serious or life-threatening illness. Healthcare providers at the centre shall help patients, their loved ones and their doctors to make decisions that are often perceived as difficult and painful. They shall actively promote the concept, sensitively and respectfully, that dying is a normal part of life and death is not a medical failure.

## **Construction of new Golden Jubilee Auditorium Complex almost complete**

The students and faculty of MGIMS have always asked for a better auditorium to showcase their talent. In the fiftieth year of the Institute's inception, a new 750 seat Golden Jubilee Auditorium Complex is being constructed at MGIMS. The sprawling state-of-the-art auditorium is being built over 1495 sq.metres. The auditorium complex will have green rooms, and facilities for modern acoustic and audiovisual display and spacious parking area. Two new lecture halls with 120 seats each are also being constructed in the auditorium complex to deal with the increased strength of students. The auditorium is expected to be completed next year.

## **MGIMS Health and Demographic Surveillance System (HDSS) to be set up**

The MGIMS Health and Demographic Surveillance System (HDSS), supported by Kasturba Health Society, will be set up in a population of around 120,000 from selected villages of the Wardha community development block. These villages, which are also part of the field practice area of Dept. of Community Medicine, MGIMS Sevagram, will be from the areas falling under the PHCs of Anji (Mothi), Talegaon (Talatule), Kharangana Gode and RHTC Bhidi. Apart from this, an urban area falling under the Urban Health Training Centre-GMLF will also be included as part of the HDSS.

MGIMS HDSS will not only be restricted to health and demographic surveillance, but will be expanded to include epidemiological and risk factor surveillance and will include integration across community based and health facility data systems, linking demographic, epidemiological, clinical, laboratory, data with other contextual information, through a unique electronic individual identification system throughout.

## **District Early Intervention Centre (DEIC) sanctioned at MGIMS**

The Govt of India and the National Health Mission have sanctioned the development of a District Early Intervention Centre (DEIC) at MGIMS Sevagram. The centre will help in screening underprivileged children of (0-18 years) for the 4 Ds- Disease, Deficiency, Disability and Developmental Delay. The idea behind early

intervention is to intervene early and minimize disability. Core services which will be provided under one roof at the centre are: medical services for disease and deficiencies; dental services; occupational therapy and physical therapy; psychological services including counseling, consultation, parent training, behavior; cognition services; audiology services to identify congenital and acquired deafness; vision services; laboratory services; nutrition services; and social support and psycho-social services.

A grant of Rs 3 crores has been received which is being utilized for the construction and development of the centre. The centre will provide optimum services to children with autistic spectrum disorder, cerebral palsy intellectual disability and multiple disabilities. With early intervention strategies, early diagnosis, and prompt timely intervention, it aims to address childhood morbidities arising out of neurological issues and aims to offer them a good quality of life. Construction is almost complete on the second floor of the MCH wing and equipment procurement is almost complete. The centre is expected to be functional soon.

### **Skills Training at National Emergency Life Support (NELS) Centre to commence soon**

MGIMS was chosen as one of the first five centres in India by the Director General of Health Services (DGHS) and the Ministry of Health and Family Welfare (MOHFW), Govt of India, to build a centralized state-of-the-art simulation and skills laboratory under the National Emergency Life Support Programme. The NELS project is an initiative undertaken by the MOHFW to implement a 'made in India' simulation curriculum to help doctors and paramedics deal with lifesaving emergency situations which they encounter in their everyday practice. The programme will be run by the Department of Anesthesia along with other clinical departments of MGIMS. The programme intends to provide basic life support training to interns, paramedics and doctors in the public health services right from primary health centres to the level of district hospital.

MOHFW had sanctioned Rs 2.68 crores for this project in order to establish state-of-the-art simulation and skills labs. The NELS Project building was completed in 2017 and last year all the major equipment, including the mannequins required to conduct the simulation based training were procured. The participants will be given hands-on training in a simulation based environment. The Centre is ready and awaiting the second inspection from a team from the Central Ministry team, after which training sessions can begin

### **Alumnus Dr Gautam Daftary contributes generously to MGIMS**

An alumnus from 1978 batch, Dr Gautam Daftary has made a generous contribution to his Alma Mater during its Golden Jubilee Year. The contribution will be used for renovation and development of the college buildings.

# Institutional Responsibilities

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<b>Academy of Medical Sciences</b>	Narang R, Bhandari D, Talhar S
<b>Alumni Association</b>	Kalantri SP, Mehendale AM, Gupta D, Bang A
<b>Animal Ethics</b>	Kumar S (Member Secretary), Deotale V, Varma SK, Joge S, Shende V, Bansod V, Marwah K, Vyas JK, Sagdeo MM
<b>Annual Report</b>	Anshu (Editor), Maliye C, Thamke D, Garg D, Jain V, Waghmare PJ, Narang S, Kalantri SJ
<b>Best Student Award</b>	Gangane NM, Kumar S, Gupta A, Jain S, Maliye C, Jain M
<b>Bioethics Unit</b>	Yelwatkar S, Waghmare JE, Yadav A, Honale N
<b>Bio Medical Waste Management</b>	Mehendale AM, Maliye C, Thakre K
<b>Blood Transfusion</b>	Gangane N, Shivkumar VB
<b>Central Purchase Section</b>	Kumar S
<b>Central Skills Laboratory</b>	Anshu, Bansod N, Shende V
<b>Central Sterilization</b>	Pandey RK
<b>Centre for Alternative Medicine</b>	Garg BS, Khandekar A
<b>Clinical Forensic Medicine Unit</b>	Khandekar IL
<b>College Council</b>	Verma SK (Member Secretary), HODs
<b>Curriculum &amp; Exam</b>	Gupta A, Gangane NM, Shende MR, Gupta DO, Nagpure PS, Tirpude BH, Chaudhari AR, Shukla AK, Badole CM, Deotale V, Kumar S, Jain J, Jain M
<b>Dietary Services</b>	Kalantri SP, Wakode S
<b>Digital Mission Mode Project</b>	Jain M, Pawar S, Katarkar S
<b>Disability Advisory Committee</b>	Gangane NM, Kalantri SP, Badole CM, Nagpure PS, Shivkumar PV, Kolhe S
<b>Disaster Management</b>	MS, Mehendale AM, Dhande P, Jain P, Gupta SS, Jain M, Dambhare DG, CAO, AO (H&C)
<b>Documentation Unit</b>	Anshu, Maliye C, Thamke D, Garg D, Jain V, Waghmare PJ, Narang S, Kalantri SJ
<b>Drug Purchase</b>	Kalantri SP, HODs
<b>Equipment Condemnation</b>	Tirpude BH, Mehra BK, Murkey PN, Goswami K, Kolhe SJ, Shetye N
<b>Financial Assistance (Employees)</b>	Garg BS, Gangane NM, Kalantri SP, Gangane AN
<b>Financial Assistance (Students)</b>	Gangane N, Kalantri SP, Kumar S, Jain M, Shende MR, Shivkumar VB
<b>Fire Safety</b>	Narang R
<b>Health Insurance</b>	Jajoo UN
<b>Hospital Infection Control</b>	MS, Matron, Deotale V
<b>Hospital Information System</b>	Kalantri A, Kalantri B
<b>Hostel Advisory (Boys)</b>	Badole CM, Kumar S, Mehendale AM, Jain M, Shivkumar VB (Warden)
<b>Hostel Advisory (Girls)</b>	Deotale V, Gupta A, Singh S, Shivkumar PV, Jain S, Kale R, Maliye C, Taksande B, Waghmare P, Maraskolhe D, Kothari R, Warghane M (Warden)

<b>Institutional Ethics</b>	Pawade A, Gupta OP, Singh S, Narang R, Gupta SS, Jain M, Taksande B, Kate T, Gawali V, Sable VN, Verma SK (Member Secretary)
<b>Internal Assessment (Grievance)</b>	Gangane NM, Shukla AK, Mehendale AM, Kumar S
<b>Internal Assessment (Vigilance)</b>	Singh S, Gupta A
<b>Internship Grievance Cell</b>	Gangane NM, Vyas VJ, Kumar S, Shende MR
<b>Internal Quality Assurance Cell</b>	Gangane NM, Mehta DS, Tapdiya PL, Hiwlekar A, Taori PB, Kalantri SP, Mehendale AM, Shivkumar PV, Deotale V, Kumar S, Jain J, Gupta A, Gupta SS, Singh S, Shivkumar VB, Maliye C, Kalantri A, Gangane AN, Narang S, Kolhe S, Honale A, Deo G, Rathod U, Chowdhary S, Shende V, Anshu (Coordinators)
<b>Journal of MGIMS</b>	Gupta OP (Editor), Mehta DS, Garg BS, Gangane NM, Jain AP, Kalantri SP, Gupta A, Gupta SS, Narang R, Gosavi D
<b>Library Advisory</b>	Gangane NM, Singh S, Shivkumar PV, Kar S, Bhandari D, Pawar S, Kalantri B, Vairagade VW, Chaudhary S
<b>Mahatma Jyotiba Phule Jan Arogya Yojana</b>	Pawar S, Sontakke B
<b>Medical Education Unit</b>	Gangane NM, Shivkumar PV, Mehendale AM, Deotale V, Kumar S, Gupta SS, Singh S, Shivkumar VB, Tayade S, Jain S, Maliye C, Waghmare JE, Kothari R, Anshu, Gupta A (Coordinator)
<b>Medical Records Department</b>	Bharambe MS
<b>Medical Store</b>	Pandey RK
<b>Mentoring Cell</b>	Zopate PR
<b>MGIMS News Bulletin</b>	Garg BS, Gangane NM, Kalantri SP, Kumar S, Anshu, Rao S, Kalantri SJ, Pawar S (Editor)
<b>NELS Project</b>	Tidke S, Bhandari D
<b>NSS Advisory</b>	Gangane N, Maliye C, Mehendale AM
<b>PG Admission Advisory</b>	Kalantri SP, Jajoo UN, Shukla AK, Gupta DO, Tirpude BH, Shivkumar PV, Jain M
<b>PG Admission Scrutiny</b>	Deotale V, Murkey P, Pethe M, Bansod V, Kalantri A
<b>PG Curriculum Committee</b>	Shivkumar PV, Jain J, Shende MR, Gangane N, Singh S, Tirpude BH, Shivkumar PV, Tarnekar AM
<b>Public Relations</b>	Kalantri SJ
<b>Research Society</b>	Gangane N, Shende MR, Kumar S, Deotale V, Mehendale AM, Nagpure PS, Gupta SS, Jain M, Bharambe MS, Mehra BK (Member Secretary)
<b>RNTCP Core Committee</b>	Jain J, Mehendale AM, Shivkumar PV, Gupta DO, Nagpure PS, Kar S, Badole CM, Narang R
<b>Shramdan</b>	Tirpude BH
<b>Staff Club</b>	Mehra BK, Bokariya P
<b>Students' Council</b>	Gupta A, Atram M, Jain S, Mehra B, Maliye C, Jain M, Kumar S
<b>Students' Guidance and Counseling</b>	Mehendale AM, Maliye C, Mishra KK
<b>UG Admission Advisory</b>	Jain J, Kumar S, Tirpude BH, Tayade S
<b>UG Admission Scrutiny</b>	Kumar S, Murkey P, Mohod K, Gujar V, Pethe M, Narang S
<b>UG Research Promotion</b>	Goswami K, Mehra BK, Tayade S, Murkey PN, Bang A, Taksande B, Pawar S, Attal R, Joshi M, Meeran AK, Gupta SS (Coordinator)
<b>Womens' Internal Complaints Committee</b>	Deotale V, Jambhekar S, Shetye N, Murkey PN, Maliye C, Thakre S

# Extra-institutional Associations

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## Editorial Boards of Journals

### GargBS

Editorial Board, *Indian J Comm Med*  
Editorial Board, *Indian J Comm Health*  
Editorial Board, *PRESM Indian J Comm Health*  
Editorial Board, *J Public Health and Comm Med*  
Editorial Board, *J Health Policy, Programs and Governance in India*  
Editorial Board, *Indian J Comm and Fam Med*  
Trustee, *Health for the Millions*

### Narang P

Editorial Board, *Indian J Tuberculosis*

### Chhabra S

Editorial member, *Clinical Medicine Insight Reproductive Health*  
Editorial member, *AIDS Clinical Research and STDs*  
Editorial member, *Indian J Community and Family Medicine*  
Editorial Member, *EC Paediatrics*

### Jain AP

Editorial board, *Medicine Update*  
Editorial board, *IJCP*

### Kalantri SP

Associate Editor, *BMC J Cardiothoracic Surgery*  
Editorial Board, *BMC J Cardiothoracic Surgery*  
Editorial Board, *McMaster Online Rating of Evidence*

### Gupta D

Associate Editor, *Indian J Surgery*  
Editorial Board, *J Rural Surgery*

### Tirpude BH

Editorial Board, *International J Med Toxicol Legal Med*  
Editorial Board, *J Medico-legal Assoc Maharashtra*  
Editorial Board, *Al- Ameen J Medical Sciences*  
National Advisory Board, *J Karnataka Medicolegal Soc*

### Anshu

Editorial Board, *Indian J Pathology and Microbiology*  
Editorial Board, *J Cytology*  
National Advisory Editorial Board, *Res Humanities Med Educ (RHIME)*

### Murkey PN

Editorial Board, *Indian J Forensic MedPathol*

### Saxena A

Editorial Board, *J Endocrine Metabolic Immune Disorders*

### Bang A

Editorial Advisory Board, *International Med J Students' Research*

### Bokariya P

National Editorial Board Member, *Indian J Anatomy*  
Advisory Board Member, *World Research J Anatomy*  
Editorial Board, *Ind J Forensic Med Toxicol*

## University

### **Garg BS**

Member, Board of Studies for PhD, NTR University of Health Sciences, Vijayawada, Andhra Pradesh

### **Gangane N, Kar S, Kumar S, Saxena A, Tayade S**

Member, Board of Studies, MUHS Nashik

### **Gangane N, Kar S, Saxena A**

Member, Faculty of Medicine, MUHS Nashik

### **Mehendale AM**

Member, Research Committee, Rani Durgavati University, Jabalpur  
Member Doctoral Research Committee, DMIMS, Nagpur  
Member of the Faculty of Medicine, HIHT University, Dehradun, Uttarakhand

### **Shivkumar PV**

Member, Board of Studies, Pravara Institute, Loni  
Member, Board of Studies of PhD Examination, Sawangi Meghe

### **Kumar S**

Member, Faculty of Medicine, IMS, Banaras Hindu University, Varanasi

### **Tirpude BH**

Member, Development of Curriculum & Examination pattern, BPMT Forensic Medicine Course, MUHS Nashik

### **Anshu**

Member, Academic Council, Sri Devaraj Urs Academy of Higher Education and Research, (Deemed to be University), Tamaka, Kolar  
Member, Board of Studies (Pathology), Faculty of Medicine, Datta Meghe Institute of Medical Sciences (Deemed to be University), Sawangi Meghe

### **Bharambe MS**

Member - BOS in degree and diploma courses in allied health sciences, DMIMS, Deemed University

### **Pethe M**

CAP Custodian for MUHS, Nashik

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## Committees

### **Narang P**

Honorary Member, IUATLD International Union on Tuberculosis & Lung diseases  
Member, Postgraduate IAMM MD Curriculum Committee  
Member, ICMR Committee on Antimicrobial Drug Resistance Surveillance Network  
Chairperson, National Working Group on Non Tuberculous Mycobacteria

### **Chhabra S**

Member, Governing Council ICMR, GOI, New Delhi  
Member, Scientific Advisory Committee, National Institute Rural Reproductive Health, ICMR, GOI Mumbai  
Member, Women's Health Task Force Network towards Unity for Health, USA  
Member, Elderly task force, Network TUFH  
Member, World Federation of Public Health

Associations (WFPFA), Working Group on Women, Children and Adolescents  
Member, Maternal Death Review, Govt of India  
Member, Women and Health: Together for the Future (WHTF)  
Member, Plagiarism Checking Committee, Journal of Indian Academy of Obstetrics & Gynecology  
Member, Rural WONCA Council 2018

### **Garg BS**

Chairperson, ICMR-ICAR Task force on Zoonosis  
Member, Academic Council, Public Health Foundation of India  
Member, Academic Council, Kasturba Rural Institute, Indore  
Chairperson, ICMR Project Review Committee on Improving Health of Children in Tribal area  
Chairperson, ICMR Task Force on Hemoglobinopathies, ICMR, New Delhi  
Member, IRB of NIPCCD, New Delhi

**Gangane N**

Member, Governing Council, ICMR  
Reviewer, ICRET programme of UICC Fellowship

**Mehendale AM**

Member, Task Force, Breast Feeding Promotion Network of India, Advisory Council  
Area Coordinator, Breast Feeding Promotion Network of India, Wardha  
Member, Dr Anandi Bai Joshi Puraskar ChayanSamiti for Wardha District  
Member, MUHS Committee for designing Curriculum for the training of Homeopathic Doctors in Medical Colleges in Maharashtra  
Member, MUHS Committee for Village Adoption Scheme, MUHS Nashik  
Member, MUHS Review Committee for Clinical Posting during MD Community Medicine Course  
Member, MUHS Committee for Tribal Health  
Member, Board of Research Studies, MGIMS, Sevagram

**Gupta SS**

Member, Guidelines Development Group on Early Childhood Development, WHO Headquarters, Geneva  
Member, Working group 1 under Interagency group on micronutrients on 'Operational and translation research to improve the contents and delivery of existing micronutrient supplementation or other programmes based on existing knowledge'  
Member, DHR Sub-committee on Health System Research  
Member, National Steering Committee on Rashtriya Bal Swasthya Karyakram  
Member, Technical Resource Group on 'Deficiencies'; Rashtriya Bal Swasthya Karyakram  
Member, Technical Evaluation Committee under the scheme 'Human Resource Development for Health Research' of the Department of Health Research  
Member, India Maternal & Child Health Expert Group for Global Burden of Disease  
Member, ICMR Project Review Committee on Intervention for prevention and management of prematurity  
Member, Technical Advisory Committee on Stillbirth, Ministry of Health and Family Welfare, Government of India

**Shivkumar PV**

Member, Government resource person for Formulation of national guidelines  
Member, MTP act Implementation committee, Wardha.  
Member, Japanese collaborative Society for under privileged Education.  
Member, Core committee for National Quality Assurance Cell for assessment of EmOC and LSAS training, Govt of India  
TAG Member, IMNCI, IndiaCLEN  
Member, CEU Project Assessment Core Committee IndiaCLEN  
Member, Expert Committee-Biotechnology- Indian Council of Medical Research, New Delhi  
Member, Core Committee for National Quality Assurance in EmOC  
Member, Core committee for MCH Diploma IGNOU

**Jain S, Premendran BH**

Co-ordinator & In-charge of LSAS Project under NRHM, MGIMS, Sevagram

**Tayade S**

Member, Core committee for Quality Assurance in EmOC  
Member, Core Committee for National Quality Assurance in EmOC  
Facilitator for State Quality Assurance in EmOC  
Member, Core committee for MCH Diploma IGNOU

**Narang R**

Subject Expert (Vaccines), DGHS (Biological Division)  
Nodal Officer, RNTCP

**Jain S**

Member, Core Committee for National Quality Assurance in EmOC

**Kumar S**

Member, Referral Books Selection Committee (Preclinical), MUHS, Nashik  
Member, Executive Council, BTIS net, BIC, Raipur  
Subject Expert, Faculty recruitment board, Govt. of Madhya Pradesh

**Khandekar IL**

Member, Expert Group on Gender and Health, Department of Health Research & ICMR, Ministry of

Health & Family Welfare, Govt of India  
Member, Committee to develop training module for training medical officers for Clinical Forensic medical work and post-mortem work  
Adjunct visiting Professor, Kasturba Medical College, Manipal

**Bhandari D**  
Nodal officer for NELS (National Emergency Life Support) Project at MGIMS  
Officer in charge, MIST(Simulation Lab), MGIMS  
Expert committee member, MOHFW, Govt. of India team for layout plan for District Hospital OT, HDU, ICU, CSSD

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## Societies/ Associations

### **Chhabra S**

Advisory Board Member, NIRRH-FU, ICMR, New Delhi, 2015  
Advisory Board Member, Emergency Obstetric Care

### **Garg BS**

President, Voluntary Health Association of India  
Member, Governing Board, IndiaCLEN  
Member, Governing Board, NIHFW, New Delhi

### **Mehendale AM**

Joint Secretary, National Society for Prevention of Blindness, Sevagram Branch

### **Shukla AK**

Secretary, National Society for Prevention of Blindness, Sevagram Branch

### **Gupta DO**

Vice Chairman, Academic Council ARSI  
Executive Committee Member, Indian College of Academic Surgeons  
Executive Committee member- ARSI  
Executive Committee member- Vidarbha Association of Surgeons

### **Deotale V**

Member, Hospital Infection Society

### **Narang R**

Secretary, Indian National Working Group on NTM  
Executive Committee, IAMM

### **Tidke S**

President, ISA Wardha Branch

### **Anshu**

Secretary, Academy of Health Professions Educators (India)

### **Jain S**

General Council Member, ISA Maharashtra State Chapter, Wardha branch  
Executive Member of West zone society of Anesthesia (WISA)

### **Pal AK**

Executive member, All India Congress of Cytology and Genetics  
Committee member, Pre Conception Prenatal Diagnosis & Therapy (PCPNDT), Wardha

### **Mishra KK**

Treasurer, Indian Association of Child & Adolescent Mental Health  
Zonal Representative, Indian Association of Genetic Mental Health  
Co- Chairperson, Constitution Subcommittee, Indian Psychiatry Society  
Convener, Taskforce, Internal Audit Committee, Indian Psychiatry Society

### **Bhandari D**

Secretary, ISA Wardha Branch

### **Saxena A**

Member of Indian Society of Nephrology (West-Zone)

### **Jain M**

State Coordinator, Maharashtra State, Indian Academy of Pediatrics, Neonatal Resuscitation Program – First Golden Minute Project  
State Coordinator, Maharashtra State, Indian Academy of Pediatrics Advanced Life Support  
Member, Stillbirth Technical Advisory Committee, Ministry of Health and Family Welfare, Govt of India.  
Member, Birth Defects Database Network, WHO SEARO.

India West Zonal coordinator for IAPUG Pediatrics Quiz

Advancing Science of Vaccinology course of IAP  
Adolescent Office Practice workshop of IAP  
Facility Based Newborn Care training program of Directorate of Health Services, Maharashtra under GoI's NRHM & NNF-UNICEF  
IAP Comprehensive Child Care Program- Mission Uday Project.  
Handling Office Practice Emergencies training module of IAP  
Integrated Management of Neonatal and Childhood Illnesses

#### **Bang A**

India West Zonal Coordinator, Indian Academy of Pediatrics & National Neonatology Forum's Neonatal Resuscitation Program – First Golden Minute Project. (IAP NNF NRP FGM)  
Faculty, Essential Pediatric Intensive Care (EPIC) Training Course of IAP  
Facility Based Newborn Care training program of Directorate of Health Services, Maharashtra under GoI's NRHM & NNF-UNICEF  
Infectious Diseases Management workshop of IAP  
Nephrology in Nutshell training module of IAP  
Integrated Management of Neonatal and Childhood Illnesses

#### **Jain M**

Faculty, Mentoring and monitoring of SNCUs in Maharashtra (under Directorate of Health Services, Maharashtra; UNICEF and NRHM)

#### **Jain M, Bang A**

Faculty for  
Advanced Neonatal Resuscitation workshop of National Neonatology Forum (NNF) & Indian Academy of Pediatrics (IAP)  
Pediatric Advanced Life Support workshop of IAP.  
Golden Hour Emergency Management Course of IAP  
Point of Care Quality Improvement workshop for improving the quality of hospital care for maternal and neonatal health  
Govt of India NRHM's Navjaat Shishu Suraksha Karyakram  
Pediatric Basic Life Support course of IAP  
American Academy of Pediatrics Helping Babies Breathe Training Course  
American Academy of Pediatrics Helping Babies Survive Training Course

#### **Chavan V**

National Resource Faculty for  
Facility Based Newborn Care training program of Directorate of Health Services, Maharashtra under GoI's NRHM & NNF-UNICEF  
Integrated Management of Neonatal and Childhood Illnesses

#### **Shende V**

Executive member, Academy of Physiology, Nagpur

## Awards & Fellowships

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The Department of Community Medicine received an Award for **Best Practices and Innovations in Community Medicine India** for “Kiran Clinics: An Innovative Practice” at the 46th Annual National Conference of Indian Association of Preventive and Social Medicine organized from 7-10 Mar 2019 at IGMC, Shimla in Himachal Pradesh.

In the end line assessment of laboratory services, under the **Labs for Life Project** of the Ministry of Health & Family Welfare, (Govt of India) the **MGIMS laboratories of Microbiology, Pathology and Biochemistry** have achieved an increased score from 70.3% at baseline to 84.6% at the end line and gained four stars in the assessment.

**Dr Pratibha Narang** received **VAMM Professional Achievement Oration Award** instituted by the Vidarbha Association of Medical Microbiologists. The award is given to an eminent microbiologist, above the age of 50 years, who has made an outstanding contributions towards the development of Microbiology as a specialty in the region of Vidarbha.

**Dr S Chhabra** received **Lifetime Achievement Award** at the Association of Gynecological Oncologists of India (AGOI) Conference in Gwalior on 17-18 Nov 2018

**Dr Nitin Gangane** was awarded the **Dr Maitreyee Munshi Memorial Oration** by the Vidarbha Association of Pathologists and Microbiologists at Nagpur on 24 Jun 2018.

**Dr Virendra Vyas** was awarded for his **excellent contribution in the field of Radiation Oncology** by the Association of Radiation Oncology of India at AROICON-2018 in Thiruvananthapuram.

**Dr Poonam Varma Shivkumar** received an award from the DHO, Wardha for **best service of Pradhanmantri Matrutva Abhiyan** run by Government of Maharashtra.

**Ms Sneha Yadav**, undergraduate student of 2016 batch, **won the Innovation Challenge Award** from the University of Groningen, Netherlands and University College of London (NHS, United Kingdom) for her work on “Antibodies that block the non-required site of drug target thereby reducing the adverse side-effects of anti-cancer drugs”. She attended the International Summer School on Oncology in Netherlands from 1-11 Jul 2018

**Dr Kshirod Mishra and Dr Ramdas Ransing** were awarded the **Dr Indla Rama Subba Reddy Award** at the 19th Annual National Conference of IAPP at Hyderabad for their paper “Psychiatric morbidities in hospitalized psychiatric patients in correlation with child abuse” on 30 Nov 2018

**Ms Cheryl Mankar**, undergraduate student (2016 batch) received **best paper award in the category Primary Health Care** category for her paper “Effect of SMS based daily messages on child-parent interaction: A quasi-experimental study” at the International Medical Undergraduate Research Conference, University of Jayewardenepura, Sri Lanka on 7-8 Feb 2019

**Dr Vinod Shende** received **best e-poster award** for his research project ‘Study of usefulness of simulation based learning in first year medical students.’ at the 5th Advanced Course in Medical education (ACME) on 9 Apr 2018 at JNMC Sawangi.

**Dr Gaurav Salve** received **Best Paper Presentation Award** (state level) in COSCON-2018 on 28 Oct 2018 at Nagpur

**Dr Poonam Varma Shivkumar** received **Aarogyaa Mitra Gaurav Puraskar** on the occasion of Safe Motherhood and World Population Day from Zilla Parishad, Wardha on 11 Jul 2018

**Dr AK Shukla** and **Dr Smita Singh** were awarded by the **Maheshwari Yuva Mandal** for rendering social service by conducting ophthalmic surgeries in camps for the last 15 years.

**Dr Sucheta Tidke** was awarded the **Lifetime Education Achievement Award** by National and International Compendium for her outstanding achievements in the field of education. The Award was presented to her in November 2018 at a ceremony held in New Delhi.

**Dr Akash Bang** was awarded **American Academy of Pediatrics' India Giani Fund Scholarship** to attend the Pediatrics Academic Societies Annual Meeting at Toronto, Canada from 5-8 May 2018

**Dr Surekha Tayade** was awarded **Post Graduate Diploma in Hospital and Health Care Management**, from Symbiosis Center of Health Care, Pune on 4 May 2018

**Dr IL Khandekar** received **Samajsevi Puraskar** on 25 Dec 2018 from Dipstamb Mitra Parivar, Wardha.

**Dr Sharjeel Khan** secured **2nd position in MD Forensic Medicine and Toxicology** in Summer 2018 examination conducted by MUHS, Nashik

**Dr Amrish Saxena** received **1st Runner up Award for Oral Paper Presentation** in 34th Annual Conference of Indian Society of Nephrology, West-Zone on 28-30 Sep 2018 at Lonavala for his paper titled "Predictors of mortality in acute kidney injury patients"

**Dr Ruchi Kothari** was awarded **2nd prize for her oral presentation** entitled 'Time and frequency domain indices of heart rate variability in healthy central Indian population investigated during treadmill exercise in Sports Physiology Laboratory' at ATPCON 2018 - a National Conference in Physiology at the ESIC Medical College Hyderabad on 14- 16 Sep 2018

**Mr Sujay Srivastava**, undergraduate student (2016 batch) received **2nd prize for best research paper** at the International Medical Undergraduate Conference at University of Jayewardenepura, Colombo, Sri Lanka on 7 Feb 2019 for his paper 'Study of VO2 max in athletes upon exercise on treadmill and cycle ergometer as assessed in sports physiology laboratory'.

**Ms Akanksha Nath**, undergraduate student (2018 batch) received **second best paper award in the category of 'Primary Health Care'** for her paper "Understanding the health needs of elderly population in rural Wardha, central India: a qualitative study" at the International Medical Undergraduate Research Conference, University of Jayewardenepura, Sri Lanka on 7-8 Feb 2019.

**Ms Snigdha Sharma**, undergraduate student (2016 batch) received **2nd prize for best research paper under category of completed funded research projects** for her paper titled "A promising fitness parameter unleashed yet to be explored: Body shape index" at the MUHS State level Research Conference (Medical Faculty) organized at Maharashtra Institute of Medical Education & Research (MIMER), Pune on 14 Mar 2019

**Mr Suryadev Vrindavanam**, undergraduate student (2017 batch) received **2nd prize for best research paper** at ATPCON 2018 at ESIC Medical College Hyderabad on 14- 16 Sep 2018.

**Dr Megha Bathla** won the **2nd prize in the poster presentation** at AICOG, Bengaluru on 8-10 Jan 2019

**Ms Sneha Yadav** received **3rd Best Paper Award in All-Inclusive Category in the Young Investigator Research Competition** for her paper "Family social and health system support for breast cancer patients in rural India" at the Global Health Summit organized by GS Medical College and Hospital, Mumbai on 27-28 Dec 2018

**Mr Vineet Buradkar**, undergraduate student (2017 batch) received **3rd prize for best research paper** at ATPCON 2018 - a National Conference in Physiology, ESIC Medical College Hyderabad, 14- 16 Sep 2018

## Student Awards

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<b>MUHS UNIVERSITY POSITIONS</b>		
<b>First in MD Ob Gyn examination of MUHS Nashik (June 2016)</b>	MGIMS Gold Medal	Dr Neha Gangane
<b>Third in MD Radiotherapy examination of MUHS Nashik (June 2016)</b>	MGIMS Silver Medal	Dr Ashok Ramji Singh
<b>Third in MD Dermatology examination of MUHS Nashik (June 2016)</b>	MGIMS Silver Medal	Dr Nidhi Yadav

<b>I MBBS</b>		
<b>OVERALL PERFORMANCE IN I MBBS</b>	First in I MBBS: V Tirumala Prasad Silver Medal, M/S Kothari Book Depot Silver Medal, Late Shri Kesharao Babhulkar cash prize of Rs 1500, and Running trophy instituted by 1974 batch	Suryadev Arunkumar Vrindavanam
	Second in I MBBS : MGIMS Bronze Medal	Muskan Mathur
<b>ANATOMY</b>	First: MGIMS Silver Medal and Dr Sushila Nayar Smriti Puraskar, Cash Prize of Rs 6500	Suryadev Arunkumar Vrindavanam
	Second: MGIMS Bronze Medal	Samrudhi Balghat
<b>PHYSIOLOGY</b>	First: M/S Instruments & Chemicals Pvt Ltd Silver Medal	Lucy Thomas
	Second: MGIMS Bronze Medal	Muskan Mathur
<b>BIOCHEMISTRY</b>	Shri Bhaskara Chinnaiah Gold Medal	Muskan Mathur
	Second: MGIMS Bronze Medal	Isha Deshpande Suryadev Arunkumar Vrindavanam

<b>II MBBS</b>		
<b>OVERALL PERFORMANCE</b>	First in II MBBS Dr Shaila Savakare Memorial Silver Medal, Late Shri Kesharao Babhulkar cash prize of Rs 1500 and Running trophy instituted by 1974 batch	Shambhavi Chowdhary
	Second in II MBBS: Dr EM Hech Bronze Medal	Shubhra Chhazed
<b>PATHOLOGY</b>	First: MGIMS Silver Medal	Shambhavi Chowdhary
	Second: M/S Kashinath Navghare Bronze Medal	Shubhra Chhazed
<b>MICROBIOLOGY</b>	First: MGIMS Silver Medal	Shubhra Chhazed
	Second: MGIMS Bronze Medal	Ankita Fulzele
<b>PHARMACOLOGY</b>	First: MGIMS Silver Medal	Shambhavi Chowdhary
	Second: M/S IGE Co Bombay Bronze	Saumitra Dixit
<b>FORENSIC MEDICINE</b>	First: MGIMS Silver Medal	Chandresh Kumar
	Second: MGIMS Bronze Medal	Shambhavi Chowdhary Shubhra Chhazed
<b>FINAL MBBS PART I</b>		
<b>OVERALL PERFORMANCE IN Final MBBS Part I</b>	First in Final MBBS - Part I: MGIMS Silver Medal and Smt Urmila Vohra cash prize of Rs 600	Vaishali Madhariya
	Second in Final MBBS Part I:MGIMS Bronze Medal	Shrinidhi Datar
<b>COMMUNITY MEDICINE</b>	First: MGIMS Silver Medal, Dr Prasad Vidwans Memorial cash prize	Vaishali Madhariya Anirudh Raju Iyengar Soujanya Linga Reddy
	Second: M/S Chandak Instruments Corp. Bronze Medal	Raghavendra Singh Koka
<b>ENT</b>	First: Dr VN Chaturvedi Gold Medal, Shri GS Kakade Silver Medal	Pradeep Kumar Sanga
	Second: MGIMS Bronze Medal	Shrinidhi Datar Aneesh Karwande Amruta Kedar
<b>OPHTHALMOLOGY</b>	First: Shri Yogendra Pal Silver Medal	Vaishali Madhariya
	Second: M/S Central Scientific Co Bronze Medal	Aneesh Karwande

**FINAL MBBS- PART II**

<b>OVERALL PERFORMANCE IN FINAL MBBS- PART I</b>	First: Rajyapal of Gujarat Gold Medal, Dr Anand Karkhanis Silver Medal, Late Keshaorao G Babhulkar cash prize of Rs 2000	Srushti Jadhav
	Second: MGIMS Bronze Medal	Sahitya Rao
<b>SURGERY</b>	First: Dr V Sabnis Silver Medal	Srushti Jadhav
	Second: M/S Bond & Sons Bronze Medal	Sahitya Rao
<b>MEDICINE</b>	First: Shri LR Pandit Gold Medal, Shri Ramchandra Rao Balkrishna Pant Deshpande Memorial Silver Medal, Dr BK Mahajan Silver Medal, Late Shri Birbal Jain Silver Medal	Srushti Jadhav
	Second: MGIMS Bronze Medal	Sahitya Rao
<b>PEDIATRICS</b>	First: Dr ID Singh Silver Medal	Shaleen Girdhar
	Second: MGIMS Bronze Medal	Shiva Manwatkar
<b>MIDWIFERY AND GYNECOLOGY</b>	First: Smt Anjana B Mahajan Silver Medal	Srushti Jadhav
	Second: MGIMS Bronze Medal	Elizabeth L Sailo
<b>OVERALL BEST STUDENT AWARD</b>	Dr PRJ Gangadharam Gold Medal	Srushti Jadhav
<b>BEST SOCIAL AND MOST CHEERFUL STUDENT</b>	Dr ML Malhotra Pure Silver Medal	Sahitya Rao
<b>OVERALL TOPPER IN MBBS WITH HIGHEST MARKS</b>	Dr BC Harinath & Vimla Harinath Gold Medal & Cash Award	Srushti Jadhav
<b>AWARDS FOR PERFORMANCE IN PRE-MEDICAL TEST</b>		
<b>Best essay on Gandhian thought</b>	Late Smt Jai Rani Mathur Silver Medal,	Mahesh Lakhran
<b>Best student award in Orientation Camp</b>	LR Pandit Award-Cash prize of Rs 500	Pinky

**MEDALS AND PRIZES AWARDED TO STUDENTS ADMITTED AS POSTGRADUATES**

<b>Student topping the merit list of PGs selected for admission in 2017</b>	Shri Sumat Prasad Parmeshwari Das Jain Memorial Silver Medal	Dr Rohit Bhangdiya
<b>Student topping merit list of PGs admitted in Surgery in 2017</b>	Shri Sagar Gupta Memorial cash award of Rs 10000	Dr Saurabh Uplenchwar
<b>Student topping merit list of PGs admitted in Surgery in 2017</b>	Shri Kulbhushan and Smt Urmila Vohra cash award of Rs 1200	Dr Krishan Kumar
<b>Student topping merit list of PGs admitted in Medicine in 2017</b>	Smt Urmila Vohra silver medal and cash prize	Dr Rohit Bhangdiya
<b>Student topping merit list of PGs admitted in Pathology in 2017</b>	Dr Mamta Jawalekar Cash Prize of Rs 7000	Dr Bhakti Wagle
<b>Best thesis in Medicine submitted in 2017</b>	Shri Gurpur Narsimha Pal and Shri Mohan Chandra Pant Memorial Silver Medal and Cash Prize	Dr Lalremmawia
<b>Best outgoing postgraduate student in Medicine for 2017</b>	Prof SP Nigam Gold Medal	Dr Apurva Kulkarni
<b>NSS AWARDS</b>		
<b>Excellence in Community &amp; Social Activities (Girls)</b>	MGIMS Silver Medal	Anagha Potharkar
<b>Excellence in Community &amp; Social Activities (Boys)</b>	MGIMS Silver Medal	Akshay Yadav
<b>BLOOD DONATION AWARDS</b>		
<b>Maximum Blood Donations</b>	MGIMS Silver Medal (More than 3 times)	Atharva Kokaje
	MGIMS Consolation Prize	Shambhuraje Patil Lucy Thomas Bhoma Ram Choudhary Saurabh Sharma Yogesh Payghan Esha Vaidya

<b>EXCELLENCE IN SPORTS AT MUHS</b>		
<b>Selected in MUHS Chess team for All India Inter University Tournament Jagran Lake City University, Bhopal</b>	MGIMS Silver Medal	Pradyut Malik (2016 batch)
<b>Selected in MUHS Basketball team for Kridamahotsav- StateLevel Inter University Tournament at Balasaheb Sawant Konkan Agriculture University, Dapoli</b>	MGIMS Bronze Medal	Pallavi Pawar (2016 batch) Sakshi Chandak (2016 batch) Gaurav Dongre (2016 batch)
<b>Selected in MUHS Volley Ball team for Kridamahotsav- StateLevel Inter University Tournament at Balasaheb Sawant Konkan Agriculture University, Dapoli</b>	MGIMS Bronze Medal	Sainath Gore (2016 batch)
<b>Selected in MUHS Kho Kho team for Kridamahotsav- State Level Inter University Tournament at Balasaheb Sawant Konkan Agriculture University, Dapoli</b>	MGIMS Bronze Medal	Shital Gije (2016 batch) Prakhar Jyoti (2016 batch)





Hon'ble Vice Chancellor of MUHS, Dr Deelip Mhaisekar, speaking at the inauguration of the National Symposium on Genetics & Genomics in Human Health and Disease



Photo exhibition on "Gandhi and Leprosy" organized at MGIMS on World Leprosy Day



Secretary KHS, Dr BS Garg and Medical Superintendent, Dr SP Kalantri, receiving Kayakalp Certificate of Appreciation from Union Health Minister, Mr JP Nadda and Minister of State, Ms Anupriya Patel on behalf of MGIMS and Kasturba Hospital for the Swachhta initiative



Inauguration of the new Dr APJ Abdul Kalam Library at MGIMS

Change does not necessarily assure progress,  
but progress implacably requires change.  
*-Henry Commager*

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# DEPARTMENTAL PROFILES

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## Anatomy

### SERVICE

The Department of Anatomy is one of the basic science departments where teaching is the main activity. Anatomy and Genetics are taught to students of I MBBS, I and II BSc Nursing and MD (Anatomy) courses of MUHS Nashik. The Department has a well-established cytogenetics laboratory with an expert geneticist and trained technical staff for routine cytogenetic investigations (like karyotyping) and genetic counselling. Recently, a molecular genetics laboratory has been established for research purposes. The staff routinely performs embalming of the dead bodies for transportation purpose. Embalming is also done for preservation of donated bodies for the purpose of dissection and teaching.

### EDUCATION

The Department intake is two MD students each year. It has utilised the following teaching-learning methods to impart the knowledge of Anatomy and to make learning more effective, interactive and practical:

- Small group teaching: to introduce interactive learning in osteology, gross anatomy, embryology and histology. Theory to practical/ demonstration ratio is 1:3
- Reciprocal peer teaching: Students volunteer as group leaders and a topic which has previously been discussed with corresponding teachers is briefed before table-mates in the dissection hall. Teachers supervise the activity on each table and provide guidelines wherever needed.
- Fortnightly review of topics: Topics taught during the previous fortnight are discussed with students. This helps the faculty in identifying and helping slow learners. Special sessions are then held for slow learners.
- Live histology demonstration with trinocular microscope, digital camera and television monitor: to provide a better understanding of the microscopic details of tissues at different magnifications. In addition, histological transparencies, 3D models and charts are also used.
- Computer aided learning: For gross anatomy and embryology, educational CDs are available.
- Students from other colleges have been given training in the Cytogenetics lab.

### RESEARCH

The molecular genetics and research labs provide the basic infrastructure for carrying out research in the field of genetics, histochemistry, histomorphometry, anthropometry and dermatoglyphics. The department is approved for PhD and has two approved PhD guides in Anatomy and Genetics in addition to 5 PG guides. Incorporation of some newer equipment such as CO2 incubator, automatic tissue processor, an imported microtome with disposable blade, CCTV, microscope with digital camera for photomicrography, Magnavision and cryostat microtome has boosted the research potential of the department.

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## Anesthesia

### SERVICE

The Department of Anesthesia comprises of a highly integrated, collaborative group of dedicated anesthesiologists catering to various surgical specialities, lending their expertise to the management of a variety of cases of all age-groups along with integrated clinical research and education.

The departmental staff man ten operating theatres in the new OT complex and three in the MCH building. The OT complex is equipped with HEPA filters, laminar flow, anaesthesia gas scavenging system, 10 bedded ICU and a state-of-the-art modern seminar room with live streaming of procedures. The OT workstations are furnished with multipara monitors, gas modules to measure the invasive pressures, warmers and difficult airway gadgets (4 fibre optic bronchoscopes, video-laryngoscopes, variety of supraglottic airway devices, percutaneous tracheostomy and crico-thyrotomy sets). The Department also has a well-equipped simulation lab with critical care simulation mannequin, along with the necessary instruments.

The Department runs a pre-anesthetic clinic in the out-patient department for patients who come for day-care surgery. Labour analgesia (painless labour) is also rendered by the department when requested. The Department provides emergency services with consultant back-up 24 x 7 to ensure prompt attention and care of the patients coming to the Emergency. Emergency services are provided in the OT, Casualty, Trauma centre and Intensive Care Unit. The services of the department are also routinely extended for performing radiological procedures in the MRI and CT scan suites.

### **EDUCATION**

The Department has an intake of 5 MD students each year. The department has also been recognized as a practical centre for DNB examinations. All MD candidates undergo a compulsory 1 month posting at NIMS, Hyderabad in the Respiratory ICU and Department of Cardiothoracic anesthesia. They are also encouraged to attend BLS-ACLS courses, ventilator/ hemodynamic/ difficult airway management workshops.

### **TRAINING**

The Department is also involved in simulation based CPR training of undergraduate, interns and nursing students. Undergraduates are introduced to the basics of anesthesia, critical care management, cardio-pulmonary resuscitation and trauma life support in the course of a lecture series as well as a clinical posting. The department also runs Life Saving Anesthesia Skills (LSAS) programme under the National Rural Health Mission (NRHM) for MBBS doctors from sub-district places of Maharashtra for training in Obstetric Anaesthesia. Recently the department launched MIST Sevagram project (MGIMS Institute for Simulation based Training) which has so far completed five successful AHA accredited BLS and ACLS courses having procured state-of-the-art mannequins. The Department has been selected by the Government of India as one of the first five institutes in country to kickstart the NELS (National Emergency Life Support) programme where training in emergency life support will be given to interns, PHC, CHC as well as paramedical staff.

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## **Biochemistry**

### **SERVICE**

The Clinical Biochemistry laboratory runs round the clock and has facilities for conducting around 150 different tests. It performs more than 900 routine and emergency tests per day, with a turnaround time (from receiving samples to reporting) of approximately two hours for most routine tests. With bi-directional barcode reading and reporting facilities, all the lab operations *viz.*, requisition and payment for tests, sample acceptance and tracking and reporting of results are done online with minimum paperwork. The lab is equipped with random access chemistry analyzers, blood gas electrolyte analyzers, HbA1c analyzer and chemiluminescence reader. Apart from daily internal quality check, the lab participates in external quality assurance programmes of CMC Vellore under Association of Clinical Biochemists of India.

### **EDUCATION**

Apart from its involvement in training undergraduates, postgraduates (MD Biochemistry) and PhD students. The department also provides summer training for interested medical undergraduates and postgraduates of science stream on research techniques and facilitates the students to do short term project works. A number of innovations implemented in the undergraduate curriculum include: case based learning (CBL) for selected topics in small groups, integrated seminars, additional formative tests and provision of immediate feedback on formative assessment. Interactive tutorials and special classes on research methodology, statistics and quality control have been introduced in the postgraduate curriculum.

## RESEARCH

The thrust in research is on applied aspects of tropical diseases; filariasis and tuberculosis. The work spans developing immunodiagnostic, vaccine and therapeutic leads and exploring the therapeutic potential of filarial immunomodulators in autoimmune diseases. The Department is home to the National Repository for Filarial Parasites & Reagents, a facility supported by the Department of Biotechnology, Ministry of Science & Technology, Govt of India. This facility includes rare filarial animal models: mastomys & jirds, maintained in a CPCSEA registered animal house, an insectarium for breeding and maintenance of *Aede saegypti* mosquito vector as well as filarial parasite and sera banks and cDNA libraries. In tuberculosis research, molecular markers, chemokines, cytokines and other biomarkers are being worked upon in addition to a study on the anti-Mycobacterial activity of selected marine algal extracts. Another focus area of research is HPV. The department is DST-FIST supported and has major research equipment like real time PCR machine, regular thermal cyclers, digital imaging system, FPLC, 2D electrophoresis system, scintillation counters, spectrophotometer, ELISA readers, lyophilizer, culture filtrate concentrators, cryopreservation system, cold lab, biosafety hoods, inverted and fluorescent microscopes, shaker incubators, deep freezers, walk-in cold room etc. The Department collaborates with the University of Illinois College of Medicine, Rockford (USA), Anna University (Chennai), AIIMS (New Delhi), Institute of Medical Sciences of BHU (Varanasi), The Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Mumbai and University Institute of Chemical Technology (Mumbai).

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## Community Medicine

The mission of the Department of Community Medicine is to create a model for decentralized community health care delivery, to develop networking with other organizations, to initiate policy advocacy for health needs of the underprivileged section of the community, to conduct and promote research on priority health problems and to develop doctors with a service orientation towards underprivileged communities.

## SERVICE

The Department has been implementing community-based programs to enhance health care services to the rural communities. It has adopted four PHCs; Anji, Gaul, Kharangana and Talegaon with a population of more than 120,000 and developed a model of decentralized healthcare delivery at village level through community-based organizations and the Panchayati Raj Institutions. It has formed 239 Self-help groups, 13 *Kisan Vikas Manch* and 89 *Kishori Panchayat* in the adopted villages which provide a platform for dissemination of behaviour change communication messages. It runs community outreach clinics in 22 villages to take curative health care to the rural populace. Through innovative strategies, family life education is provided to adolescent girls both in schools and out of schools in all the programme villages.

The Department runs General OPD within the Kasturba Hospital which acts as a replica of a primary health center under a tertiary health care setting. It is the first contact point for all patients visiting the OPD of Kasturba Hospital. The General OPD also has Maternal and Child Care cell, psychosocial cell, leprosy treatment cell, DOTS centre and microscopy centre.

## EDUCATION

The Department strives to provide the best learning opportunity to medical students through its innovative community-based medical education. For each batch of medical students, the Institute adopts a village. In this village, each student adopts 3-4 families covering the entire village. Initially, a 15-day residential camp is organized in the village when the students build rapport with the family members and facilitate the health examination and treatment of the villagers. The residential camp is followed by a monthly visit to adopted families for the next three years. Through these visits the students take care of the health care needs of their adopted families. Through the village adoption scheme, students learn about rural life, environmental sanitation, socio-economic conditions, and health problems of the community.

During the third year of medical education, a 15-day residential camp is organized at one of the Rural Health Training Centres of the Institute. This camp helps the students understand the rural health care infrastructure available in India. During the third year, a workshop on research methodology is organized for the students. Thereafter, groups of students undertake improvement projects concerned with sanitation, drinking water, nutrition, immunization and other relevant issues.

### **RESEARCH**

The Department of Community Medicine is actively involved in conducting community-based health research through partnership with various national and international agencies. The thrust areas of research include developing a decentralized model of health care delivery for rural areas, safe motherhood and child survival and life-style disorders.

The Department is actively involved in networking with various organizations to promote community health and social justice. It also maintains a liaison with the Government and other organizations as a matter of policy advocacy. We have developed an excellent partnership with the District Health System to whom we provide technical support for training and implementation of community-based programmes.

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### **Dentistry**

The Department of Dentistry was established in 1970. The Department was shifted to the new hospital building in 1976. The Department has established its work in Dentistry in this region and its mission is 'Oral health care for all and accessibility to the services with emphasis on primary care for rural community'. It caters to the needs of poor and needy patients for their dental ailments and also provides specialized care pertaining to pathologies involving oral cavity and care of maxilla-facial trauma. Facilities are now available for treatment of gum diseases and correction of misaligned teeth.

### **SERVICE**

The Department not only offers quality basic dental care to the rural and urban population but also provides specialized care such as minor oral surgery, endodontic treatment, crowns and bridges, aesthetic/tooth coloured restoration, gingival surgeries, smile correction (full mouth rehabilitation), Pediatric dentistry and specialized prosthesis for reconstruction of maxillofacial defects. It also provides services for some medical conditions at subsidized and affordable cost.

Speciality orthodontic clinic has been established for the correction of misaligned teeth with recently developed, advanced techniques, for the prevention and interception of potential tooth and jaw size discrepancy. A speciality clinic for oral pre-cancer/ cancer detection and prevention has been started.

Recently, the scope of services has been expanded with the availability of ceramic crowns and bridges. The highly aesthetic zirconia crowns have been offered through outsourcing from some affiliated laboratories. Dental implants have been recently introduced as a treatment option for the replacement of the missing teeth.

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### **Dermatology, Venereology & Leprosy**

The Department of Dermatology, Venereology & Leprosy (Skin & VD), MGIMS, Sevagram became an independent department in July 2003. Earlier it was one of the units under Department of Medicine.

## **SERVICE**

The Department of Dermatology is well equipped to perform various diagnostic and dermato-therapeutic procedures. The diagnostic procedures routinely done are: punch, excisional, incisional and shave biopsies for accurate diagnosis of skin conditions, fungal scraping & KOH mount, Gram stain, AFB (ZN) stain and Tzanck smear. The dermatological procedures done routinely are: punch grafting, suction blister grafting and skin grafting (in collaboration with Dept. of Surgery) for vitiligo patients, cyst excision, narrow hole extrusion technique (NHET) and subcision for acne scars. Phototherapy is provided in the form of PUVA therapy for patients of psoriasis and vitiligo and narrow band UVB therapy for psoriasis, vitiligo and other dermatological conditions. The cosmetological procedures available are: chemical peeling, hair removal, removal of skin tag, dermabrasion (manual & electrical), microdermabrasion and tattooing. The therapeutic procedures available are: chemical cauterization, electro / radiofrequency cauterization, intralesional steroid therapies for conditions like keloid, prurigonodularis, hypertrophied lichen planus, alopecia areata etc., corn paring, comedoneexpression, molluscum extraction, CO2 laser treatment, cryotherapy and iontophoresis. Diagnostic procedures like patch testing are carried out in patients with allergic contact dermatitis. The department runs speciality clinics four times a week for leprosy, psoriasis, contact dermatitis and pigmentary disorders. As per MSACS approval an STD clinic has been started since November 2009. Department of Dermatology regularly and actively participates in community activities like school diagnostic camps and rural health camps.

## **EDUCATION**

The department is involved in teaching and training of undergraduate, postgraduate students from other departments and nursing students. The Department of Dermatology, Venereology and Leprosy has started degree and diploma courses and admits one candidate each for degree and diploma courses each year. Karl Zeiss /Trinocular microscope with inbuilt camera system is used for dermatopathological discussion and for academic purposes.

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## **ENT**

### **SERVICE**

The Department provides both OPD and indoor services. Besides management of ENT and head and neck pathology, the ENT OPD has facilities for video-stroboscopy and electro-nystagmography. The Department also runs Speciality Clinics for allergy, tumor, audiology, vertigo and has facilities for speech therapy and evaluation. Among indoor services, the trained staff performs ear surgeries for deafness, surgeries for cosmetic and functional problems of the nose, surgery for head and neck ailments, cancer and facial trauma. The Department has facilities for endoscopy, functional endoscopic sinus surgery (FESS), laryngoscopy, esophagoscopy and bronchoscopy. The Department provides outreach services to the community. Specialist visits are made each Thursday to Anji, Bhidi and Talegaon. Diagnostic camps, ROME camps, DDRC camps and school health surveys are conducted for ENT ailments in rural and urban schools in Wardha district. Educative lectures are delivered to school teachers and village elders.

### **EDUCATION**

The Department is involved in teaching undergraduate, postgraduate and nursing students. The monthly postgraduate training programme includes seminars, journal clubs and case presentations. Each activity is graded by a faculty member. These records are maintained as a form of internal assessment. Postgraduates also perform at least two temporal bone dissections in temporal bone laboratory under the guidance of a faculty member as a prerequisite before being allowed to operate on patients. They are given graded responsibilities in the wards, operation theatres and in the undergraduate teaching process. They participate

in Social Service Camps in villages and rural specialty visits. They are encouraged to participate in workshops and present papers in regional and national conferences. They attend vertigo clinic, audiology, speech rehabilitation, radiotherapy and tumor clinics.

#### **RESEARCH**

The present ongoing research includes studies on: management of inferior turbinate hypertrophy in case of deviated nasal septum, steroid plus antiviral versus steroid alone in the treatment of Bell's palsy, grommet insertion versus topical nasal steroids for hearing loss in otitis media with effusion, intra-tympanic steroids in the treatment of sensorineural hearing loss, comparative study of ASSR, BERA, PTA in sensorineural hearing loss and extrapulmonary tuberculosis of the head and neck.

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## **Forensic Medicine & Toxicology**

#### **SERVICE**

Besides carrying out routine post mortems, the Department runs a clinical toxicology laboratory attachment that caters to several types of patients and helps clinicians in prompt diagnosis and treatment. The Department looks after a number of medico-legal aspects. It routinely attends to summons delivered by courts on behalf of the government and provides expert opinions on several cases. The faculty of this Department often visit crime scenes on requests of district authorities (Collector, Superintendent of Police) to assist in the investigation of crimes. It guides police personnel, medical staff of other institutes and doctors of other departments of MGIMS in dealing with several types of medico-legal cases. It helps investigate cases of custodial death, sexual assault, medical negligence and helps estimate age and establish alcohol intoxication. The Department helps in conduct of clinical post-mortems to detect cause of any death or its pathology.

MGIMS has developed a unique Clinical Forensic Medicine Unit (CFMU), which works round the clock and hand-in-hand with the emergency centre. All medico-legal cases (MLC) are handled under the direct supervision of experts from the forensic department; the doctors from clinical departments are thus no longer required to spend time in courts for cross examinations.

The judiciary had passed strictures about the illegible handwriting of medicos in the medico-legal reports (MLR) which made it impossible to decipher them. To overcome this constraint, MGIMS has also developed the "forensic medical software" that generates printed and organized reports and helps the cause of justice as well as education.

#### **EDUCATION**

The Department is engaged in undergraduate and postgraduate teaching and training. It conducts regular undergraduate seminars. Research is in the form of postgraduate theses works and related researches. The Department of Forensic Medicine & Toxicology also shoulders the responsibility of taking lectures for nursing students on medico-legal aspects. The postgraduate seats of Forensic Medicine are recognized by the Medical Council of India. The Medical Council of India approved the suggestions put forth by the Department in revamping the curriculum of the subject of Forensic Medicine at the undergraduate level. The subject has now been included in MBBS second and final year (Part I).

#### **RESEARCH**

The Department of Forensic Medicine has done pioneering work on the "Quality of forensic medical examination of sexually assaulted victims in India". This 258-page report prepared was forwarded to the Union Ministries of Health and Law. A public interest litigation was filed on the basis of this report and the Mumbai High Court-

Nagpur bench took immediate cognizance of the seriousness of this issue subsequently issuing a directive consisting of guidelines and a proforma for medical officers to follow to ensure proper forensic examination of victims of sexual assault. Police officers probing such cases have also been supplied with revised guidelines by the Govt. of Maharashtra after another such report was submitted by our department, a report highlighting the absurdity of certain questions asked to the victims amounting to human rights violation.

Another report “Emergency Medical service in India – a cause of concern” showed that 1.5 lakh people killed in road traffic accidents in India die due to lack of emergency medicine services. The National Human Rights Commission has taken serious cognizance of this report and directed the Union Ministry of Health and Family Welfare to upgrade emergency medical services in the country.

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## **Medicine**

### **SERVICE**

The health professionals in the department care for about 100,000 outpatients and 10,000 inpatients every year. A 26-bedded ICU offers high-quality, cost-effective care to seriously sick patients with a wide spectrum of medical disorders. The four wards in the department house 192 inpatients. An epidemiological transition of diseases - from acute infectious disease to chronic lifestyle disease is being witnessed. A 10 bedded cardiac ICU and Cathlab offers intensive coronary care, and services of angiography and angioplasty to cardiac patients.

In May 2013 the Department of Medicine shifted to the state-of art, 192-bedded new building. The Outpatient department has an electronic queue management system. New machines for stress test and pulmonary function tests have also been installed. There is also provision for ambulatory blood pressure monitoring as well as Holter monitoring. The 26-bed ICU offers excellent tertiary level critical care at affordable prices and is well equipped with ICU pendants, non-invasive monitors, ventilators etc. The 10 bedded state of the art cardiac ICU (ICCU) and Catheterization lab is well equipped with cardiac monitors, echocardiography etc. The new angiography suite is equipped with sophisticated technology that produces high resolution images with the lowest dose of radiation possible. A five bedded Hemodialysis Unit with 10 hemodialysis machines offers round the clock service to outpatients as well as in-patients.

### **EDUCATION**

Beginning 1982, 120 residents have obtained their MD from the department, many of whom went on to super-specialize in diverse areas. The department has kept track with modern technology, but hasn't forgotten the importance of bedside medicine. With close to 300 postgraduate teaching sessions a year, it provides a learning platform to the residents where they acquire and hone their clinical skills; learn the art of critically appraising, interpreting and presenting medical articles and take part in morbidity and mortality audits. The postgraduate seats have increased from 4 to 6 per year. In addition to MD (Medicine) programme, recognized by the Medical Council of India, the department has been running a Diploma in Geriatric Medicine (Indira Gandhi National Open University), and, a Certificate course in evidence based diabetes management (CCEBDM) recognized by the International Diabetes Federation and Public Health Foundation of India and in collaboration with Dr. Mohan's Diabetes Education Academy.

### **RESEARCH**

The department focuses on research issues that are locally relevant but possess a global focus: infectious diseases (TB and leprosy), epidemiology of coronary heart diseases and hypertension and accuracy of history and physical examination. The department was a part of National Task Force projects on TB run by Indian

Council of Medical Research. The department has also won research grants from external peer-reviewed funding agencies such as Fogarty AIDS Research and Training Program, USA; Canadian Institute of Health Research; Population Health Research Institute, Canada; National Institutes of Health (NIH), National Heart Lung Blood Institute (NHLBI) and United Health Group, USA. With more than 350 peer reviewed publications in high-quality journals, the research from the department hasn't escaped the eyes of the connoisseurs, worldwide.

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## **Microbiology**

The Department acquired independent status on 16 Aug 1981, and since then it has developed into an important speciality providing diagnostic, research and teaching facilities in Microbiology.

### **SERVICE**

Species level bacteriological identification and antibiotic sensitivity testing is done for both aerobic and anaerobic organisms in the well-equipped Bacteriology laboratory which also has facilities for biosafety II laminar flows. Facilities like BACTEC 9050, walk in hot and cold rooms, storage at  $-70\text{ }^{\circ}\text{C}$  /  $-20\text{ }^{\circ}\text{C}$ , ELISA, electrophoresis, lyophilisation, BOD incubators, fluorescence and inverted microscopy, single/double distillation etc. are available. There is a separate class II biosafety level tuberculosis section, where isolation, identification, speciation and detection of drug resistance in Mycobacteria, is carried out by conventional, BACTEC 460, Micro MGIT and paraffin slide culture (for NTM). The serology and parasitology sections are well equipped for routine and research work. The Mycology section is doing exemplary work in isolation, speciation and drug susceptibility testing of fungi. Many rare fungi have been isolated. The department has a well equipped PCR, postgraduate and research laboratories. The virology laboratory is being equipped for molecular level diagnosis of viral diseases like Chikungunya, Chandipura virus (CHPV), JE and dengue. The laboratory has been given the status of a reference lab under State Surveillance of Hospital (SSH) project. The department is also recognized as the reference laboratory for not only surveillance of outbreaks due to measles, diphtheria, dengue/DHF/DSS, enteric fever under the Integrated Disease Surveillance Project (IDSP) but also for the diagnosis of these infections. The department regularly monitors hospital acquired infections and plays an important role in infection control and bio medical waste management. EQAS programme in bacteriology, serology and mycology is in place. Standard Operating Procedures (SOP) for every laboratory procedure have been prepared.

### **EDUCATION**

This is provided to MBBS, PC BSc and Basic BSc nursing and postgraduate students. A total of 60 MDs and 2 PhD in Microbiology have been awarded besides providing support to postgraduates of other departments. The department is recognized for MD and PhD and four of its faculty members are recognized postgraduate guides and one PhD guide. Fluorescence, trinocular teaching microscope with CCTV and inverted microscope form a part of diagnostics and teaching. The library is well equipped with 406 books in the department and 755 in the Central library. The library subscribes to 40 journals in Microbiology and 40 journals in subjects allied to Microbiology. Newer teaching methodologies have been incorporated, viz. quiz (conducted by postgraduates under the guidance of faculty), group discussions and review of internal assessment examination questions with feedback from faculty (at the end of each semester) for undergraduates are being used. Weekly presentation and discussion of theory questions by postgraduates has been introduced. The staff and students of the Department have won many awards at various state and national academic meets. The Department has also received the Swachhata award for the best department for cleanliness under the 'Swachhata Hi Seva' Campaign initiated by the central government.

### **RESEARCH**

The department has been carrying out both laboratory and community-oriented funded research. Laboratory research work has been done on isolation and antibiotic susceptibility testing including Extended spectrum

beta lactamases, AmpC beta lactamases, Metallo-beta lactamases, MRSA, HLAR enterococci, hospital acquired infections. The thrust of research has been primarily on tuberculosis; its prevalence, diagnosis, drug resistance, ARTI and short course chemotherapy. Other research topics are Antibiotic resistance in Bacteria and coding genes for resistance, Leptospirosis, Variants of *Vibrio cholerae*, Candida and its susceptibility, Biofilm formation in Candida, SXT element, interferon gamma, XDR Tuberculosis, H.pylori, HIV, NTMs etc. Over 169 research papers have been published in various national and international journals.

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## **Obstetrics and Gynecology**

The Department of Obstetrics and Gynecology (OBGY) believes in providing quality services with a human touch to all the rural and urban women visiting the outdoor and indoor sections.

The OPD houses various speciality clinics for adolescent health, endocrinological disorders, female genital tract malignancies and Sexually Transmitted Diseases (in collaboration with the Department of Skin & VD). Infertility clinics offer facilities for couple check-up, investigations and high tech procedures like IUI etc. The IVF Lab is also being developed. Antenatal clinics involve pregnancy check-ups, birth preparedness and complication readiness. Post-natal and post-abortal clinics provide check-ups and contraception advice. Department delivers laboring women in alternative birthing positions including hydro-labor. The ICTC Centre has facilities for voluntary testing for HIV. Facilities for investigation like cervical cytology, non -stress tests & USG are available on OPD basis. Minor operative interventions like cervical cauterization, copper-T insertions, MVA and endometrial samplings are also done. Health education activities on themes like breastfeeding, early detection of cancers and antenatal nutrition are regularly held.

The wards in the department have facilities for antenatal, postnatal and gynaecological care as well as critical care and oncosurgical treatment. There is a 15 bedded labour room, 12-bedded ICU and a separate septic ward. Special wards exist for eclampsia, heart disease and unmarried, teenage pregnancies. A Well women corner has been assigned for providing counselling and advice. Cardio-tocography facility is available. The operation theatres are well equipped with facility for all kinds of obstetrics and gynaecological surgeries. Endoscopic surgeries like laparoscopy, hysteroscopy, colposcopy etc. are also performed.

Community Based Reproductive Health Care camps have been organized at 58 adopted villages. School visits to provide Adolescent Health Family Life Education as well as village screening and diagnostic camps are regularly held. Maternal and child health centre is being run at Melghat.

### **EDUCATION**

For undergraduate, postgraduate and nurses teaching and training, the department not only uses didactic lectures and bedside teaching, but also various teaching methodologies like seminar, symposium, panel discussion, emergency drill, role plays, quiz, small group discussion etc. The department has a Skills lab where all procedures are first taught on anatomical models then on patients. The department also has its own library, internet facility. Postgraduates are involved in undergraduate teaching. All teachers are trained in basic medical education technology (MET) and many are pursuing advanced courses in MET.

### **RESEARCH**

The department stands as a nodal centre for conducting trainings like EmOC, HDU, ICU, SAB and managing protocol for decreasing maternal mortality. Along with the government of India and UNICEF, the department was involved in the formulation of national guidelines for Obstetric HDU/ICU. The department has been running various projects like Sevagram project which helps unwed mothers, Maternal Near Miss Project which

aims at reducing maternal mortality, Project involving screening of Cervical Cancer by VIA test, Low-cost salivary progesterone testing for detecting the risk of preterm births in rural community settings of India Project and the Mystery of Uterine Balloon Mechanical Pressure to Prevent Atonic Postpartum Hemorrhage Project. Social projects on domestic violence, unwed mothers, adolescent health and cancer screening are running in department in collaboration with national and international agencies.

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## **Ophthalmology**

The Department of Ophthalmology has the mission to combat eye disease and to reduce the prevalence of blindness through a scientific approach by providing equitable, excellent and efficient eye care to the people and training to medical students, residents and specialists. The Department provides eye care to the community through its 6 pronged approach: namely the modern outpatient department, hospital inpatient, eye bank, community outreach services, medical education and ongoing research. The Department serves as a resource centre for training of Cataract and Glaucoma Surgeons under National Programme of Control of Blindness (NPCB).

### **SERVICE**

The department has a modern OPD which has all the equipment for comprehensive eye care and is at par with the best in India. Glaucoma, cornea, cataract, squint and retina clinics with all the modern diagnostic and treatment facilities are conducted. Fundus imaging camera, field analyzer, diode laser and YAG Laser are used for managing glaucoma, after cataract and posterior segment diseases. LASIK is being done routinely for patients who want freedom from glasses. There are only 5 LASIK machines in the government setup in India of a total of 200 installations country-wide. The LASIK centre at MGIMS has brought down the cost of this expensive procedure making it within the reach of the common man.

The Inpatient caters to the ophthalmic surgical patients and those with sight threatening disorders. The Operation Theatre is equipped with state of the art microsurgical microscopes with CCTV facility, phacoemulsification, vitrectomy and cryopexy units. Routine and complex surgical procedures are performed daily. A high end phaco machine has been acquired and is in use in the modern new Eye OT. The Sushila Nayar Eye bank helps to procure, store and process corneas to cure the corneal blind.

The community outreach programme also known as the Cataract Blindness Control Wardha District (CBCWD) has developed as a model in eye care. After screening of all villages for cataract, patients are brought to the base hospital for modern sutureless cataract surgery which is totally free of cost. Free transport, food, hospital stay, glasses and medicines are given to patients.

### **EDUCATION**

The Department trains undergraduates, residents, nurses and eye specialists at all levels of specialization in general ophthalmology and eye care. Routine teaching is enhanced by interactive lecture techniques, use of audiovisual aids and screening of videos. Evening clinics are held for microteaching for postgraduates and learning for undergraduates. E-learning and self-directed learning are encouraged for both undergraduates and postgraduates. Hands on surgical training is imparted to trainees for SICS + IOL, medical retina and glaucoma in collaboration with Govt. of India. A curriculum innovation project in association with FAIMER, Philadelphia, USA was conducted on "Improving clinical skills in ophthalmology for undergraduates at MGIMS Sevagram". A question bank of postgraduate level OSCEs and undergraduate MCQs has been developed.

Wet lab has been set up in the Eye bank for microsurgical skills training. As an initiative for postgraduate training, OSCAR (Ophthalmology Surgical Competency Assessment Rubric) has been introduced for assessment

and enhancing surgical skills. Postgraduates are encouraged to use e-learning resources. They are conversant with the needs and special problems of working in community ophthalmology in the rural outreaches and give the best patient care with the minimum infrastructure. There is an excellent departmental Library with over 300 books, journals and CD for used of the postgraduate students. Routine academic teaching of undergraduates and postgraduates is conducted as per the norms of the MUHS and MCI. In addition the postgraduates are given thesis topics of social relevance. Results are presented at National and Vidarbha level meets.

## **RESEARCH**

Ongoing research projects focus on both community ophthalmology and recent advances in the field of ophthalmology. Interdisciplinary research is encouraged with research projects done in association with the department of Biochemistry, Pharmacology, Community Medicine and Physiology. Currently there is collaborative research going on in the field of Visual Evoked Potential in glaucoma and optic nerve disorders.

The department has received a grant from Queen Elizabeth Diamond Jubilee Trust and Public Health Foundation of India (PHFI) for a public-private partnership model for control of blindness due to diabetic retinopathy. The project includes screening of all known diabetic patients registered at NCD clinics in government facilities, treatment of patients with diabetic retinopathy, training of ophthalmic Surgeons from government facilities for the management of diabetic retinopathy, training of ophthalmic assistants to use non-mydratic fundus cameras at government facilities, spread awareness about diabetic retinopathy among the diabetic patients. A grant from Lions Club International Foundation has also been received to upgrade the Lions Eye Center at Kasturba Hospital.

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## **Orthopedics**

### **SERVICE**

The department has an emergency and accident trauma care unit, fully equipped to provide services to the rural masses. It has the facility of an ultra modern ambulance with wireless phone system to carry victims from the roadside accident site to the hospital.

All surgeries including trauma, spine, arthroplasty, arthroscopic, reconstructive and tumor surgeries are done in the Department. The Department provides super-speciality services like joint replacement, arthroscopy and spine surgery at very low costs. Implants are provided at minimum costs. Paraplegic and quadriplegic patients with traumatic spine injuries are also treated by the doctors. The Orthopedics department also runs specialty clinics in the periphery at the PHCs and Melghat. The Department also carries out reconstructive surgeries for patients of leprosy. Surgeries are conducted on disabled patients of poliomyelitis and cerebral palsy who are further rehabilitated with physiotherapy and occupational therapy. Patients requiring prosthesis and orthosis are helped by the artificial limb fitting centre and given a fresh lease of life. The Department also runs specialty clinics at PHCs and diagnostic camps at Melghat.

### **EDUCATION**

For the teaching of postgraduate and undergraduate students dedicated and experienced staff is available. Postgraduate academic meets are held every day and seminars, X-rays, journal reading, short case and long case discussions are done. For surgical demonstrations, the department has a video camera with the help of which interesting and rare surgeries are recorded for academic purposes. Postgraduates are exposed to super speciality work in Orthopedics. They also have a chance to attend various postgraduate instructional and teaching courses across the country.

Teaching and training is being provided to MBBS, MS, DOrtho, BSc and Diploma nursing students. Training is also provided to DNB Orthopedics, DNB Rural Surgery, PGDGM Community medicine postgraduates. The Department is the only department approved by MUHS for PhD Course in Orthopedics and one candidate has been registered.

## RESEARCH

The Department of Orthopedics is well known for its quality research projects and presentations. At present, research is being conducted in the following areas: primary cemented bipolar hemiarthroplasty in unstable osteoporotic fractures of intertrochanteric femur in elderly patient, functional outcome of open reduction and internal fixation of fracture proximal humerus with proximal humerus internal locking osteosynthesis (PHILOS) plate, study of functional outcome of distal femur fracture treated with locking compression plate and clinical study of open reduction and internal fixation of fracture clavicle treated with precontoured clavicle plate.

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## Pathology

The Department of Pathology supports the common vision of MGIMS to provide accessible, affordable and appropriate health care to the rural population and to train young doctors in the community oriented approach towards medical care. This vision reflects our commitment to excellence in:

- Providing affordable state-of-the-art service to the rural populace
- Training and teaching Pathology to undergraduate and postgraduate medical students
- Clinical and Basic Research appropriate to local needs

## SERVICE

The diagnostic services by the laboratories provide comprehensive support to the clinicians in MGIMS. The laboratories employ experienced staff. They are equipped with state of the art equipment to enable the provision of a robust and reliable daily diagnostic service. The majority of tests are performed in-house, completed and reported on the day of receipt.

The Department of Pathology has the following sections:

**Histopathology:** This section is equipped with the state-of-the-art automated tissue processors, microtomes, microwave oven, knife sharpeners and cryostat. Facilities for histochemistry and immunohistochemistry are also available.

**Cytology:** Interpretation of fine needle aspiration biopsies, fluids and cervical smears is done in the cytology section. External quality assurance programme is regularly carried out.

**Hematology:** The Hematology section is equipped with two 18-parameter automated blood cell counters and a coagulometer. It carries out all routine and specialized hematology investigations. A coagulation lab and facilities to conduct serological tests for hepatitis B and pregnancy tests are available. The lab is equipped with advanced instruments like hemoglobin electrophoresis and HPLC for screening and diagnosis of abnormal haemoglobin and hemoglobinopathies. Recently, the laboratory has updated its 5 parts hematology cell analyser which can perform automated reticulocyte count. Capillary electrophoresis machine for protein and hemoglobin electrophoresis have also been installed.

**Clinical Pathology OPD:** This section is equipped with two 18-parameter automated cell counters and performs routine hematology and investigations on fluids including urine in outpatients.

**Blood Bank:** It meets all requirements of whole blood and blood components for the entire hospital. All collections are voluntary and there is an in-house facility of screening blood for five blood-transfusable infections. The blood bank offers free services to patients of thalassemia and sickle cell disease.

**Research Laboratory:** The Department has the facilities of an advanced 3-laser, 6-colour, 8-parameter flow cytometer for immunophenotyping, fluorescence microscope and ELISA readers and washers.

The Departments of Pathology has been nominated under the “Labs for Life” project of CDC, NACO and the Ministry of Health and Family Welfare (MOHFW). “Labs for Life” is a three year partnership initiative of the MOHFW and the US Centers for Disease Control and Prevention (CDC) to improve the quality of laboratory services, effectiveness and efficiency of public health laboratories under MOHFW. All labs regularly conduct internal and external quality assurance programmes.

### **EDUCATION**

The Department imparts comprehensive education in Pathology to undergraduate and postgraduate students. Our efforts focus on developing critical thinkers with strong problem solving skills and promote lifelong learning skills. The resident programme is designed to train and produce pathologists with both technical competence and intellectual depth.

Faculty is trained in medical education and uses interactive methods of teaching including case based learning, group discussions and tutorials. Faculty also undertakes educational research projects regularly. Regular feedback is obtained from students to improve the quality of teaching.

### **RESEARCH**

The Department of Pathology is engaged in clinical and basic disease related research. The Department runs a Rural Population based Cancer Registry of Wardha district with financial assistance from ICMR. It also conducts research projects in collaboration with ICMR, NIH and IARC.

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## **Pediatrics**

The mission of the Department of Pediatrics is to protect, promote, support and restore the health of children and adolescents.

### **SERVICES**

The Department of Pediatrics caters to all children- well and sick. It has a general OPD with specialty clinics viz. well baby, cardiology, neurology, nephrology, hematology, and high risk neonatal follow-up clinics to cater the respective subgroups of children with special needs. The Department has faculty trained in Cardiology, nutrition and adolescent health. A 60 bedded ward has a Diarrhea Treatment and Training Unit, a 24 bedded Neonatal ICU and a 12 bedded pediatric ICU with six ventilators and a formally trained pediatric intensivist. Through various health camps, the department also extends curative and preventive health services at district and state level.

## **EDUCATION**

A regular and rigorous teaching programme forms the backbone of the undergraduate and postgraduate training at the department. For the last 23 years, the Department has been conducting basic neonatal care and neonatal resuscitation training workshops for undergraduates, postgraduates and nurses. The innovations used include regular use of audiovisual aids, microteaching, small group tutorials and demonstrations for the final year students and orientation program for freshers. Practical demonstrations are given in skills lab where hands on training of CPR, intubation etc. is provided to students on manikins. Learning is stimulated through fun activities and competitions like undergraduate and postgraduate quizzes, symposia during breastfeeding week and use of videos and role plays for IMNCI and IYCF training. All residents are trained in Neonatal and Pediatric Advanced Life Support. All faculty is trained in teaching and learning technology. Faculty members are recognized by IAP & NNF as national resource faculty for various training programmes, workshops and courses like PALS, NALS, BLS, Golden Hour Emergency Management, NSSK, Vaccinology etc.

The Directorate of Health Services, Maharashtra Govt. recognized the training excellence by selecting the Department as the only centre in Vidarbha and one of the only three nodal centres in the whole state for training of health care personnel from various government facilities for "Facility Based Newborn Care". It also carries out a "Medical Officers Certificate Programme" of 6 months duration. The Department also runs the IGNOU study center for PG Diploma and MSc courses in Counseling and Family Therapy. The department has recently started an IAP accredited CPR training centre for training of health care professionals from MGIMS and the general public from surrounding areas in basic life support and for capacity building of health care professionals as trainers of basic life support.

## **RESEARCH**

The departmental faculty not only includes senior academicians who are very well known at the national level but also young and dynamic academicians and super-specialists who are already a national resource faculty for many prestigious courses, are editorial board members or reviewers for many international journals, have received various awards and fellowships, have been invited as guest speakers on various occasions and have a keen interest and have received formal/informal training in much wider areas like medical education technology, epidemiology, statistics, research methods, biomedical ethics etc. The Department has been involved with various multicentric studies and many short term ICMR studies.

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## **Pharmacology**

### **SERVICE**

The Department is recognized as a regional centre by Govt. of India wherein it collects data of adverse drug reactions and sends the reports to the National ADR centers for further analysis from Vidarbha Region. It provides services for pharmacodynamic drug estimation on request from the Clinical Departments. The faculty members of the department provide guidance in experimental research to postgraduates from other departments related to any drug-related dissertations. The Department supplies distilled water and deionized water to the whole institute.

### **EDUCATION**

All faculty members take regular lectures for both undergraduates and postgraduates. The postgraduates are taught about the rational use of drugs in different settings i.e. hospitals, PHC, tertiary care centre etc. The postgraduates are also involved in undergraduate teaching. They also assist in faculty research programme. Postgraduate activities are conducted daily in the Department in the form of seminars, discussions, journal clubs, therapeutic problem discussions, essential drugs discussions, MCQ discussion etc. They are taught about

the rational use of drugs in different settings i.e. hospitals, PHC, tertiary care centre etc. The department also conducts lectures, practicals, internal assessment etc. for BSc Nursing students. It is involved in integrated teaching programmes, e-learning, AMS and internship orientation.

#### **RESEARCH**

As a regional centre, the department collects, analyses and reports adverse drug events from Vidarbha region to the National ADR centres. Several undergraduates have conducted ICMR short term research projects under the guidance of the departmental faculty.

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## **Physiology**

#### **SERVICE**

The Department provides services to patients through the Reproductive Biology Lab which was established in 1971. Since then, the lab has been improved and equipped with the latest diagnostic tools. Counseling is also done to the infertile couples. Further in 2002, the Neurophysiology lab was started with Nerve Conduction and Evoked Potential studies. Patients from various clinical departments such as Orthopedics, Medicine, ENT, Eye and Pediatrics are being referred for various neurophysiological investigations. An ICVG laboratory, which has the facility of non-invasive cardiac output and blood flow measurement has been established. Vasomon (peripheral blood flow monitor) was also included in the same laboratory in 2010. The facility for computerized pulmonary function tests is also available. Since 2010, a sleep lab has been set up in the Department where sleep related problems are being evaluated. State-of-the-art Sports Physiology Laboratory for monitoring of cardiorespiratory and metabolic function has also been established.

#### **EDUCATION**

The faculty of the Department encourages students to prepare charts and posters pertaining to practicals, especially clinical ones. Group discussions are introduced enabling the weaker and shy students to help them get rid of their inhibition and coming up in the forefront. OSPE is being used as an innovative method for teaching and formative assessment in practicals. Since 2011, the Department has started organizing intradepartmental Physiology Quiz Competition and selected students are sent to participate in the National Physiology Quiz Competition. The department conducts soft-skill workshops for 1st MBBS students as per MUHS guidelines.

#### **RESEARCH**

Apart from regular undergraduate and postgraduate activities, there are three funded research projects being carried out in the department.

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## **Psychiatry**

#### **SERVICE**

The Department provides outpatient and inpatient services to patients with psychiatric ailments. It runs a government recognized Alcohol and Drug De-addiction Centre and provides facilities for detoxification of these patients. Rehabilitation is arranged through other NGOs. The department has facilities like 32-lead EEG laboratory, brief pulse ECT machine, yoga and relaxation services, biofeedback laboratory and biometric fingerprint analyzer for patient identification.

The Department of Psychiatry provides quality mental health care to the rural people of Wardha and adjoining areas of Andhra Pradesh, Madhya Pradesh and Chhattisgarh. Weekly mental health clinics are held at Bhidi and Anji villages by taking mental health to the door steps of villagers. On the request of District Jail Authorities, mental health clinics are held in prisons and psychiatric services are extended to the inmates and also provides expert opinion for assessment whenever asked upon by Wardha Judiciary. Many schools in the area benefit from mental health awareness campaigns carried out by the Department of Psychiatry. It provides clinical psychology services like IQ testing, disability assessment etc to students under the Sarva Shiksha Abhiyan.

### **EDUCATION**

The Psychiatry department is involved in teaching undergraduate and nursing students. The department conducts lectures and train postgraduates from the Departments of Medicine, Paediatrics and Community Medicine as well as students from nearby social-work colleges.

### **RESEARCH**

The department is engaged in following studies: correlation of salivary cortisol level, parental psychopathology, minor physical anomalies, intelligent quotient and severity of aggression in diagnosed cases of conduct disorder versus normal resilient children.

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## **Radiology**

The Ramakrishna Bajaj Imaging Centre plays a pivotal role in the management of patients. Its state-of-the-art imaging facilities are provided to patients of Vidarbha region, at the lowest possible prices with quality as the main motto.

### **SERVICE**

The department is equipped with modern imaging facilities like radiography with portable units, fluoroscopy, colour doppler ultrasonography, CT, MRI, mammography and digital subtraction unit. The fluoroscopy unit deals with various contrast studies. The Color Doppler Ultrasonography services provide quick, reliable and non-invasive imaging services. The department provides basic ultrasonographic facilities for medical, surgical, ophthalmic, obstetric and gynecological patients. Obstetric USG services are provided under strict protocols as per norms of the PCPNDT Act.

A computed radiography (CR) system has been installed in the department. The availability of CR system helps in obtaining digital radiographs (for conventional, ICU setting and special investigations), significantly improves the quality of the radiographs leading to better diagnosis and improved patient care with reduced cost and better image storage facility which can be utilized for comparison as well as research in future. Another computed radiography (CR) system has been installed in the department of medicine to provide better facilities to the inpatients of the medicine department. 1.5 tesla MRI machine is equipped with newer applications like MR angiography, spectroscopy, diffusion perfusion imaging, diffusion, tractography, cranial nerve evaluation, MR mammography etc.

Monitoring and quality control: Quality is maintained by a regular monthly check up of all machines. The ALARA (As low as reasonably possible) principle is being strictly adhered to. There is a three monthly monitoring of radiation doses through the radiation monitoring devices (TLD batches).

## **EDUCATION AND RESEARCH**

Education is provided to MBBS and postgraduate students. A total of 4 MD degrees in Radiodiagnosis are awarded every year besides providing support to the postgraduates of other departments. The department holds joint teaching sessions for postgraduate students of other departments and participates in research activities. Our residents attend conferences, CMEs and are encouraged to present papers.

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## **Radiotherapy**

The Department of Radiation Oncology started in July 1997. The department is committed to provide state of art ultramodern equipment to serve the rural population of Vidarbha and adjoining region.

Presently the department has the following equipment: 1 Cobalt unit; 1 Dual Energy with electron Linear Accelerator ClinacIX (compatible with IMRT), High dose rate Brachytherapy, equipment for mould room, conventional simulator and a computerized radiotherapy unit for dosimetry.

The Department provides radiotherapy, chemotherapy, supportive and palliative care to cancer patients. It is also engaged in various cancer awareness and detection camp in villages. The establishment of a Tertiary care Cancer centre (TCCC) is on the anvil. To provide holistic care to cancer patients, counsel and rehabilitate them, the department has also joined hands with an outside organization.

### **EDUCATION AND RESEARCH**

There is one MD seat in Radiotherapy. In addition to its own postgraduate student, the Department is also involved in teaching postgraduates from various other departments in addition to nursing students.

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## **Surgery**

### **SERVICE**

The Department of Surgery provides service to patients since the inception of Kasturba Hospital, in 1945. The health professionals in the Department of Surgery care for about 60,000 outpatients and 8000 - 9000 inpatients every year. An 8-bedded post-operative Surgical ICU and trauma ICU offer high-quality, cost-effective care to patients with a wide spectrum of surgical disorders. Besides looking after emergency surgical and trauma care services, the department also provides routine surgical care to the patients in the fields of general surgery, gastrointestinal, pediatric, minimally invasive (laparoscopic), plastic, cardiothoracic, urology, neurosurgery and all types of cancer surgeries. The 3 wards in the department house 130 inpatients. It also has a separate Burns ward and Operation theatres with all modern equipment.

The Department also helps in community activities like organizing diagnostic and operative surgical camps in remote tribal areas and other places.

### **EDUCATION**

The Department provides training to undergraduates and postgraduates. The undergraduates take part in teaching activities by way of seminars, group discussions, demonstrations and participating in quiz competitions organized locally and at state/ national level. The Department has also prepared OSCE type questions for undergraduates. Three postgraduates were being admitted every year for MS Surgery since 1980. Recently MCI has permitted the department to increase the intake capacity of PGs from 3 to 4. This year four postgraduates have been admitted for MS Surgery.

With intensive postgraduate teaching sessions every year, it provides a learning platform to the residents where they acquire and hone their clinical skills, learn the art of critically appraising, interpreting and presenting cases and take part in surgical audits. The department has kept track with modern technology, but hasn't forgotten the importance of bedside clinical skills. They also learn surgical skills step by step during training period. The department also runs a DNB Rural Surgery course since the last 4 years. The department has 102 surgical specimens, 300 odd teaching X-rays, two endotainers for training in laparoscopic surgeries, upper GI and colonoscopy, adult and pediatric cystoscopy with endovision camera attachments for teaching purposes.

## **RESEARCH**

The Department has five recognized postgraduate teachers. Their work has been published in various journals from time to time. Apart from postgraduate thesis, four research projects have been completed (two with the funding from ICMR, two with funding from external agencies). Currently two research projects are being carried out with funding from external agencies. Department also encourages undergraduate students to pursue research. They apply for short term Student fellowships which are ICMR sponsored. Two such projects are going on in the department.



Distinguished MGIMS alumnus, Dr Ashutosh Raghuvanshi, CEO, Fortis Healthcare, distributing degree certificates to the graduating students from the Class of 2013



Release of Sushruta, the students' magazine on Foundation Day 2018 by Dr Sanjeev Kumar, IAS, Divisional Commissioner, Nagpur



Dean, Dr Nitin Gangane speaking at the inauguration of the Orientation Camp for the Class of 2018 in the presence of Dr Mohan Khamgaonkar, Pro-Vice Chancellor, MUHS and Dr BS Garg, Secretary, KHS



Students interacting with their adopted families in Mandwa village during the Social Service Camp

Education is not the filling of a pail, but the lighting of a fire.

-WB Yeats

"MGIMS offers post graduation  
in 20 specialties, all of which are  
recognized by MCI."

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# EDUCATION

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# Undergraduate Admissions 2018

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## Through NEET

The Batch of 2018					
Bihar	2	Jharkhand	1	Uttar Pradesh	2
Chhattisgarh	2	Maharashtra	63	Nepal	3
Delhi	4	Punjab	2	Sri Lanka	1
Haryana	4	Rajasthan	16		

MGIMS has the unique distinction of admitting students from overseas and over 17 states now, representing students of different cultures, languages and traditions. Half the students come from Maharashtra and the other half from all other states in the country and abroad combined.

# Undergraduate Education

## Maharashtra University of Health Sciences

Subject	Lectures	Practicals	Tutorials	Assessment	Hours
Anatomy	209	354	42	-	650
Physiology	191	110	25	-	480
Biochemistry	113	126	14	-	240
Pathology	101	110	58	31	300
Microbiology	71	120	26	33	250
Pharmacology	105	120	15	60	300
Forensic Medicine	40	40	20	-	100

Subject	Lectures	Tutorials	Bedside Clinics	
			Weeks	Hours
Medicine	265	50	24	432
Skin	35	10	2	36
Psychiatry	20	10	2	36
Pediatrics	65	20	12	216
Surgery	160	140	26	468
Orthopedics	50	50	10	180
Anesthesia	20	-	2	36
Radiology	20	-	2	36
Dentistry	10	-	2	36
ENT	48	22	8	144
Ophthalmology	70	30	10	180
Obs/Gyn	130	170	26	468
Com. Medicine	148	-		228

Time table as recommended by MUHS, Nashik

# Results 2018

MUHS, Nashik	Summer 2018 % (n)	Winter 2018 % (n)
First MBBS	99.01% (101)	No student appeared
Second MBBS	90.91% (11)	96.08% (102)
Third MBBS – I	50.00% (02)	91.67% (96)
Third MBBS – II	83.33% (18)	94.03% (67)

(n = denotes total no. of candidates who appeared)

## Toppers

1 <sup>st</sup> MBBS	2 <sup>nd</sup> MBBS	Final MBBS – I	Final MBBS – II
Mr Suryadev A Vrindavanam {2017 Batch}	Ms Shreya Namjoshi (2016 Batch)	Ms Shambhavi Chowdhary (2015 Batch)	Ms Vaishali Madhariya (2014 Batch)

Subject	Undergraduate		Postgraduate	
	Summer % 2018	Winter % 2018	Summer % 2018	Winter % 2018
Anatomy	99.01	-	100	—
Physiology	99.01	-	100	—
Biochemistry	99.01	-	100	—
Pathology	66.67	96.08	100	100
Pharmacology	85.71	99.02	100	—
Microbiology	80	98.04	33.33	100
Forensic Medicine	90	100	100	—
ENT	50	96.88	100	—
Ophthalmology	-	97.89	100	—
Community Medicine	50	92.71	100	—
Medicine	70	94.03	100	0
Surgery	93.33	98.46	80	0
Ob/ Gynae	60	98.48	100	—
Pediatrics	100	100	100	—
Anaesthesia	-	-	100	—
Psychiatry	-	-	100	—
Radiology	-	-	100	—
Radiotherapy	-	-	100	—
Orthopedics	-	-	100	—
Skin & VD	-	-	100	—
D Ortho	-	-	100	—
DA	-	-	—	—
DOMS	-	-	100	—
DGO	-	-	100	—
DCH	-	-	100	—
DMRD	-	-	100	100
DPM	-	-	—	—
DDVL	-	-	100	—
DLO	-	-	—	—

# Community Based Medical Education

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**Orientation Camp:** Orientation camp for new admissions to the 2018 batch was held at the Sevagram Ashram from 8-21 Sep 2018. The students were oriented in Gandhian values and their relevance in medical education, Sarvodaya Vichar, the code of conduct of the Institute, nutrition, self- help, spiritual health, nature cure and yoga.

**Social Service Camp:** The Social Service camp for the 2018 batch of medical students of MGIMS, Sevagram was organized from 20 Oct-2 Nov 2018. MGIMS, Sevagram has an old tradition of adopting a village for each batch of medical students. For the 2018 batch of medical students, the village Mandwa from PHC Anji of Wardha district was adopted. This village is situated at a distance of 35 Km from Sevagram and 25 Km from Wardha. The total population of the village is 1220 and the total number of households was 321. Each student of the 2018 batch of MBBS students was allotted 3-4 families for their camp activities and follow-up activities for the next 4 years. Blood sugar estimation of 341 adults and hemoglobin estimation of 628 villagers was performed.

Daily general OPD was run by the Department of Community Medicine. A total of 1077 patients availed the benefits of the General OPD. Specialists from each specialty from MGIMS, Sevagram also provided specialized services at the camp site in the village. 213 patients were seen by orthopedicians, 61 patients were seen by gynecologists, 160 patients got benefit from Medicine specialists, 105 patients were seen by pediatricians, 3 patients consulted psychiatrists, 59 patients were seen by surgeons, 92 patients were examined by a dentist, 343 patients seen by ophthalmologists, 118 patients were seen by ENT specialists and 134 patients consulted dermatologists.

Health education of the villagers was done at household level as well as the community level. A health exhibition was also organized in the village in the building of the Government Primary School. Villagers visited the health exhibition. Several innovations in social service camp and village adoption scheme initiated last year were continued. E.g.: E-learning during the camp and subsequently during the monthly village visits and collection of baseline information for all households in the adopted village.

**ROME Camp:** Reorientation of Medical Education (ROME) camp for 2016 batch students was organized from 22 Dec 2018 to 2 Jan 2019 at RHTC, Bhidi and KRHTC, Anji. Medical students were provided clinical demonstration to study the association of social and environmental factors in health and disease at family level. Students also understood the treatment seeking behavior of villagers. Visits were arranged to the subcenter, PHC, Rural Hospital and Anganwadi so that the students could see the health care infrastructure available in rural India. Students carried out small surveys in the community and analyzed and presented the data during the valedictory session, thus equipping them with survey technology, data analysis, and report writing. They also provided health education in the schools of Bhidi. The students were divided in small groups for participatory learning of various National Health Programmes.

Students were provided training in 'data management through computers' as part of the ROME camp. Students also analyzed data collected by themselves on various issues of public health importance on computers using EPI INFO 6. Interactive sessions on the special theme of "Life Skills", "Communication skills" and "Management tools" were organized during the ROME Camp. The students actively participated in these interactive sessions.

# Theses 2018

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**Anatomy**      **Bokariya P; Guide: Dr Doshi MA (PhD)**  
Effects of acyclovir, insulin and ondansetron on developing chick embryo:  
Histological and histochemical study

**Waghmare JE; Guide: Dr Anshu (MSc HPE)**  
Student and faculty perspectives about introducing early clinical exposure in  
pre-clinical teaching

**Anesthesia**      **Vyas A; Guide: Dr Dhande P**  
An observational study to look for the effectiveness of dexmedetomidine as an  
additive to ropivacaine in supraclavicular blocks in adults

**Wandile P; Guide: Dr Tidke S**  
A comparative assessment of dexmedetomidine-propofol versus fentanyl-  
propofol for insertion of laryngeal mask airway

**Yadav N; Guide: Dr Jain S**  
Comparative evaluation of airway management and hemodynamics with the use  
of I-gel (Intersurgical gel), Proseal laryngeal mask airway and endotracheal tube  
in laparoscopic surgeries

**Solanky R; Guide: Dr Dhande P**  
Prospective study on comparison of hemodynamic changes in general anesthesia  
with epidural and general anesthesia alone in laparoscopic surgery

**Community Medicine**      **Prabhakar M; Guide: Dr Mehendale AM**  
Magnitude and determinants of gestational diabetes: A cross sectional study  
from field practice area of a medical college

**Ture P; Guide: Dr Dambhare DG**  
Magnitude and determinants of psychological morbidities among pregnant  
women in a field practice area of a medical college in central India: A cross-  
sectional study

**Dermatology**      **Patrick S; Guide: Dr Kar S**  
Study of association between androgenic alopecia and metabolic syndrome in a  
tertiary health care centre in central rural India

**ENT**      **Futane A; Guide: Dr Nagpure PS**  
Study of the pattern of etiopathogenesis and management modalities in oral  
malignancy in tertiary care hospital

	<p><b>Sheikh E; Guide: Dr Nagpure PS</b> Correlation of the pure tone audiometry findings with intraoperative findings in patients with tubotympanic chronic suppurative otitis media and study of its surgical outcome</p>
<b>Forensic Medicine</b>	<p><b>Chaphalkar K; Guide: Dr Tirpude BH</b> Evaluation of victims of assault registered under Clinical Forensic Medicine Unit of a tertiary care hospital in central India.</p>
<b>Medicine</b>	<p><b>Agrawal B; Guide: Dr Kalantri SP</b> Acute undifferentiated febrile illness in patients presenting to a tertiary care teaching Hospital in central India : Etiology, clinical spectrum and outcome</p> <p><b>Khan S; Guide: Dr Jain J</b> Prevalence of dementia in elderly diabetics: A case control study from rural hospital in Central India.</p> <p><b>Dhake V; Guide: Dr Taksande B</b> Study of peripheral nervous system in sickle cell anemia</p> <p><b>Thokal D; Guide: Dr Saxena A</b> Predictors of mortality and length of hospital stay in elderly patients admitted to medicine intensive care unit in a rural tertiary care hospital.</p> <p><b>Soni P; Guide: Dr Jain V</b> Clinico-demographic profile and clinical outcomes of patients requiring ventilation support in a tertiary care intensive care unit of a rural teaching medical college: A prospective cohort study.</p>
<b>Microbiology</b>	<p><b>Saha D; Guide: Dr Deotale V</b> A study of risk factors and organisms causing surgical site infection and their antimicrobial susceptibility in a tertiary care hospital</p>
<b>Ophthalmology</b>	<p><b>Gupta GL; Guide: Dr Shukla AK</b> Screening of known diabetic patients for diabetic retinopathy assessment of need for treatment and visual outcome of treatment</p> <p><b>Garkal P; Guide: Dr Singh S</b> Study of tear function before and after laser assisted in situ keratomileusis (Lasik) surgery in a tertiary care rural hospital</p> <p><b>Verma S; Guide: DrDhabarde A</b> Epidemiological profile, risk factors and presentation of cataract in pre-senile age</p> <p><b>Yadav A; Guide: Dr Bang P</b> Study of effects of epidemiological factors on quality of donor cornea</p>

<b>Orthopedics</b>	<p><b>Roy S; Guide: Dr Badole CM</b> Primary cemented bipolar hemiarthroplasty in unstable osteoporotic intertrochanteric fractures in elderly: A prospective study</p> <p><b>Hatwar R; Guide: Dr Patond KR</b> Functional outcome of open reduction and internal fixation of fracture proximal humerus with proximal humerus internal locking osteosynthesis (PHILOS) plate</p>
<b>Pathology</b>	<p><b>Gorte T; Guide: Dr Gangane N</b> Comparison between automated and manual method of reticulocyte count</p> <p><b>Rathod R; Guide: Dr Gupta A</b> Role of CD4 and CD8 positive T-cells in breast cancer progression and outcome</p> <p><b>Shirbhate P; Guide: Dr Shivkumar VB</b> A comparative study between routine and rapid microwave tissue processing and staining using a kitchen microwave oven in histopathology laboratory</p> <p><b>Gawai S; Guide: Dr Anshu</b> An immunohistochemical study of HBME-1 expression in lesions of the thyroid</p>
<b>Pediatrics</b>	<p><b>Ambade M; Guide: Dr Jain M</b> Prospective study of spectrum of respiratory distress in newborns in rural medical college of central India</p> <p><b>Sarkar C; Guide: Dr Bang A</b> Comparative study of pressure control ventilation versus volume control ventilation in pediatric ICU patients needing mechanical ventilation</p>
<b>Pharmacology</b>	<p><b>Quazi S; Guide: Dr Verma SK</b> Evaluation of anti-diabetic and wound healing activity of hydro-alcoholic extract of <i>Syzygiumcumini</i> seeds in Wistar rats</p>
<b>Psychiatry</b>	<p><b>Joge V; Guide: Dr Mishra KK</b> Correlation of salivary cortisol level, parental psychopathology, minor physical anomalies, intelligent quotient and severity of aggression in diagnosed cases of conduct disorder versus normal resilient children</p>
<b>Radiology</b>	<p><b>Bhoyar M; Guide: Dr Tayade AT</b> Comparison of breast sonoelastography with conventional sonography in evaluation of solid breast lumps</p> <p><b>Kynjing D; Guide: Dr Kale SK</b> Role of transvaginal ultrasonography in evaluation of clinically suspected cases of ectopic pregnancy</p>
<b>Radiotherapy</b>	<p><b>KalbandeP; Guide: Dr Vyas VJ</b> Dosimetric comparison between 3D conformal radiotherapy (field in field) and intensity modulated radiotherapy in post mastectomy breast cancer patients</p>

**Surgery****Gupta A; Guide: Dr Gupta DO**

Surgical audit of laparoscopic cholecystectomy among patients in a rural hospital of central India

**Kumar S; Guide: Dr Mehra BK**

A comparative study of primary inguinal hernia self-fixating mesh repair under local anesthesia with polypropylene mesh repair under spinal anesthesia

**Aswar A; Guide: Dr Jategaonkar PA**

Surgical audit of laparoscopic appendectomy in rural tertiary health care center in central India

## Successful Postgraduates 2018

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<b>Anatomy</b>	<b>MD:</b> Debbarma M, Paul L
<b>Anesthesia</b>	<b>MD:</b> Bhugra N, Khandwe A, Kumari P, Bhusal P
<b>Biochemistry</b>	<b>MD:</b> Kar P
<b>Community Medicine</b>	<b>MD:</b> Goswami S, Kothekar P, Guha I, Golhar H, Dhattrak A, Bhagat V
<b>Dermatology</b>	<b>MD:</b> Sonkusale P; <b>DVD:</b> Verma V
<b>ENT</b>	<b>MS:</b> Sonone J, Ganeshkar R
<b>Forensic Medicine</b>	<b>MD:</b> Khan S, Ramteke R
<b>Medicine</b>	<b>MD:</b> Ballamwar A, Lalremawia, Kulkarni A, Patil T, Chaudhari M, Meshram S <b>PGDGM:</b> Saxena A, Kawalkar A, Kohale A, Bondge B, Thorat A, Surve A, Nawale P, Bhangdiya R, Tuteja H, Bajaj A, Nabeel A, Deshmukh A, Parmeshwar T, Agrawal A <b>MD:</b> Reang S, Dev H
<b>Microbiology</b>	<b>MD:</b> Chaudhary P, Suman A; <b>DGO:</b> Puri T, Kakade P, Rathod V, Bagadia J, Deshmukh P
<b>Obstetrics &amp; Gynecology</b>	<b>MS:</b> Sheikh A, Doye A, Singh S, Gawai P; <b>DO:</b> Rathi L
<b>Ophthalmology</b>	<b>MS:</b> Mote G, Zabeeh A; <b>D Ortho:</b> Chaudhari J, Nagalwade S
<b>Orthopedics</b>	<b>MD:</b> Bandyopadhyay S, Sonar A, Shougrakpam J, Gupta A
<b>Pathology</b>	<b>MD:</b> Meshram P, Dubey V; <b>DCH:</b> Thakur A, Rajbhor R
<b>Pediatrics</b>	<b>MD:</b> Kirde S, Jankar B, Das M
<b>Pharmacology</b>	<b>MD:</b> Debbarma P, Bhagat S
<b>Physiology</b>	<b>DPM:</b> Agrawal G
<b>Psychiatry</b>	<b>MD:</b> Preetha K, Sonia, Singh P; <b>DMRD:</b> Borikar B, Verma R
<b>Radiology</b>	<b>MD:</b> Birajdar M
<b>Radiotherapy</b>	<b>MS:</b> Rathod V, Sevak R, Jawalekar P, Shazmeen B
<b>Surgery</b>	

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## Postgraduates admitted 2018

<b>Anesthesia</b>	<b>MD:</b> Logeshwari P, Choudhary D, Nasare A, Adhau Y; <b>DA:</b> Jadhav H
<b>Community Medicine</b>	<b>MD:</b> Sarinkumar PS, Somkuwar M, Kolhe R, Joshi S, Muneshwar K
<b>Dermatology</b>	<b>MD:</b> Patrick S; <b>DVD:</b> Sawant A
<b>ENT</b>	<b>MS:</b> Kumar S, Karad P; <b>DLO:</b> Bansode S
<b>Medicine</b>	<b>MD:</b> Agrawal B, Dhake V, Khan S, Dhokal D, Soni P <b>PGDGM:</b> Bhagawati J, Jha A, Thokal D, Dhake V, Agrawal B, Kapse A, Mewada S, Warkad N, Khan S, Virjibhai P, Soni P, Rai M, Ramchandra K, Rudey A, Sonune R, Burriwar C
<b>Obstetrics &amp; Gynecology</b>	<b>MD:</b> Ganorkar S, Jatkala R; <b>DGO:</b> Purohit A, Patil S, Dahake S
<b>Ophthalmology</b>	<b>MS:</b> Bhosale N, Rathi N, Sundarkar T, Barghare T; <b>DO:</b> Gade B
<b>Orthopedics</b>	<b>MS:</b> Wankhede A, Harshvardhan J; <b>DOrtho:</b> Rahangdale N, Rathod R
<b>Pathology</b>	<b>MD:</b> Kotalwar K, Hagone S, Vaidya V, Bhutia D
<b>Pediatrics</b>	<b>MD:</b> Ithias A, Kolhe S; <b>DCH:</b> Gawande P, Kambale P
<b>Pharmacology</b>	<b>MD:</b> Rajput A, Pandhare A, Gorjelwar P
<b>Radiology</b>	<b>MD:</b> Sood A, Chavhan N; <b>DMRD:</b> More S, Wadibhasme M
<b>Radiotherapy</b>	<b>MD:</b> Aher P
<b>Surgery</b>	<b>MS:</b> Dhaigude P, Shah J, Kakade R, Page S

# Academic activities organized at MGIMS

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## Anesthesia and MIST

**Theme** : **Compression Only Life Support (COLS) CPR training for laypersons (World Anesthesia Day Celebrations)**

**Date** : 16 Oct 2018

**Organizing Secretary** : S Tidke

**Delegates** : 185

**Resource persons** : S Tidke, S Jain, P Dhande, D Bhandari, M Fulzele, A Sahoo, A Bele, A Lambe, N Yadav, AKhandwe, HJadhav, S Rathi, S Katrale, N Jha

**Key topics** : Introduction to Indian resuscitation guidelines, COLS-CPR Training to laypersons

**Funding agency** : Self-funded

**Theme** : **Compression Only Life Support (COLS) CPR training for laypersons (World Start a Heart Day)**

**Date** : 23Oct 2018

**Organizing Secretary** : S Tidke

**Delegates** : 257 patient relatives and 165 school children

**Resource persons** : S Tidke, S Jain, A Lambe, N Yadav, A Khandwe, H Jadhav, S Rathi, S Katrale, N Jha, D Choudhary

**Key topics** : Introduction to Indian resuscitation guidelines, COLS-CPR Training to laypersons

**Funding agency** : Self-funded

**Theme** : **Compression Only Life Support (COLS) CPR training for Police Department, Wardha**

**Date** : 16 Nov 2018

**Organizing Secretary** : Dr D Bhandari

**Delegates** : 120 police personnel

**Resource persons** : D Bhandari, M Fulzele, A Khandwe, N Kathane, H Jadhav, Y Adhau

**Key topics** : COLS presentation as per ISA IRC guidelines, First aid for Trauma victims, Demonstration of COLS by medical team, COLS hands on practice

**Funding agency** : Self-funded

**Theme** : **Compression Only Life Support (COLS) CPR training for Military Personnel in CAD Pulgaon**

**Date** : 26-27 Nov 2018

**Organizing Secretary** : Dr S Tidke

**Delegates** : 250

**Resource persons** : S Tidke, D Bhandari, M Fulzele, A Lambe, A Khandwe, H Jadhav, D Choudhary

**Key topics** : COLS presentation as per ISA IRC guidelines, First aid for Trauma victims, Demonstration of COLS by medical team, COLS hands on practice

**Funding agency** : Self-funded

**Theme** : **Compression Only Life Support (COLS) CPR training for PHC workers of Wardha District**  
**Date** : 4, 5, 8 Jan 2019 (Three Workshops)  
**Organizing Secretary** : Dr S Tidke  
**Delegates** : 165  
**Resource persons** : N Yadav, A Lambe, Rathi S, A Akre, N Kathane, Y Adhau, A Nasre  
**Key topics** : COLS presentation as per ISA IRC guidelines, First aid for Trauma victims, Demonstration of COLS by medical team, COLS hands on practice  
**Funding agency** : Self-funded

**Theme** : **Compression Only Life Support (COLS) CPR training for Home Guards of Wardha**  
**Date** : 28 Nov 2108  
**Organizing Secretary** : Dr S Tidke  
**Delegates** : 70  
**Resource persons** : S Tidke, D Bhandari, M Fulzele, A Lambe, A Khandwe, H Jadhav  
**Key topics** : COLS presentation as per ISA IRC guidelines, First aid for Trauma victims, Demonstration of COLS by medical team, COLS hands on practice  
**Funding agency** : Self-funded

**Theme** : **Compression Only Life Support (COLS) CPR training for Home Guards of Wardha**  
**Date** : 17 Jan 2019  
**Organizing Secretary** : Dr S Tidke  
**Delegates** : 98  
**Resource persons** : S Tidke, D Bhandari, M Fulzele, A Lambe, S Katrale, Y Adhau  
**Key topics** : COLS presentation as per ISA IRC guidelines, First aid for Trauma victims, Demonstration of COLS by medical team, COLS hands on practice  
**Funding agency** : Self-funded

**Theme** : **ISA IRC accredited Basic Cardiac Life Support (BCLS) CME and Workshop**  
**Date** : 16 Dec 2018  
**Organizing Secretary** : Dr D Bhandari  
**Delegates** : 28  
**Resource persons** : D Bhandari, S Tidke, M Fulzele, S Jajoo, A Lambe  
**Key topics** : Basic Cardiac Life support, Cardiopulmonary resuscitation  
**Funding agency** : Self-funded

**Theme** : **Workshop on A to Z of CPR: Beyond the Basics**  
**Date** : 17 Dec 2018  
**Organizing Secretary** : D Bhandari  
**Delegates** : 16  
**Resource persons** : S Tidke, D Bhandari, S Jajoo, M Fulzele, A Lambe, N Yadav  
**Key topics** : Introduction to Comprehensive Cardiopulmonary Life Support (CCLS), Indian guidelines, revision of BCLS guidelines, The science of resuscitation, Systematic approach and team dynamics, the team concept for CCLS, Acute coronary syndrome, Acute stroke, Bradyarrhythmia and management, Tachyarrhythmia and management, Advanced

airway management, CCLS: Team Resuscitation concept and Algorithm incorporation, Post Resuscitation care, Practicing CCLS algorithm with team dynamics in a simulated environment of periarrest and cardiac arrest scenario, Practical exam & remediation (participants tested for CCLS team leader approach, knowledge and application of periarrest rhythms and cardiac arrest resuscitation

**Funding agency** : Self-funded

**Theme** : **Compression Only Life Support (COLS) CPR training for PHC Medical Officers**

**Date** : 2 Jan 2019

**Organizing Secretary** : Dr S Tidke

**Delegates** : 45 medical officers

**Resource persons** : S Tidke, D Bhandari, M Fulzele, N Yadav, S Rath, N Kathane, Logeshwari P, H Jadhav, Y Adhau

**Key topics** : COLS presentation as per ISA IRC guidelines, First aid for Trauma victims, Demonstration of COLS by medical team, COLS hands on practice

**Funding agency** : Self-funded

**Theme** : **Compression Only Life Support (COLS) CPR training for Disaster Relief Team of WardhaCollectorate**

**Date** : 19 Jan 2019

**Organizing Secretary** : Dr S Tidke

**Delegates** : 50

**Resource persons** : S Jain, D Bhandari, M Fulzele, A Khandwe, A Akre

**Key topics** : COLS presentation as per ISA IRC guidelines, First aid for Trauma victims, Demonstration of COLS by medical team, COLS hands on practice

**Funding agency** : Self-funded

**Theme** : **Compression Only Life Support (COLS) CPR training in Sushila Nayar Hospital, Utawali**

**Date** : 16 Feb 2019

**Organizing Secretary** : Dr S Tidke

**Delegates** : 50

**Resource persons** : S Tidke, D Bhandari, N Kathane, A Vyas, H Jadhav

**Key topics** : COLS presentation as per ISA IRC guidelines, First aid for Trauma victims, Demonstration of COLS by medical team, COLS hands on practice

**Funding agency** : Self-funded

#### **Arogyadham**

**Theme** : **Workshop on Stress Management through Yoga**

**Date** : 16 June 2018

**Organizing Chairperson** : Dr BS Garg

**Organizing Secretary** : Dr R Kothari

**Delegates** : 50

**Resource persons** : H Bhargav

**Key topics** : Understanding stress and its management through yoga based lifestyle, Guided relaxation techniques to mitigate stress

**Funding Agency** : Self-funded

## Medicine, Anesthesia, Pediatrics

**Theme** : **Basics of Mechanical Ventilation**  
**Date** : 13 Oct 2018  
**Organizing Chairpersons** : Dr S Tidke, Dr J Jain, Dr M Jain  
**Organizing Secretaries** : Dr S Jajoo, Dr D Bhandari  
**Delegates** : 59  
**Resource persons** : D Bhandari, S Jajoo, K Bhutada, A Bang  
**Key topics** : Basics of ventilation and initial setting, graphics and loops, sedation and muscle relaxants during mechanical ventilation, ventilator induced lung injury and lung protective strategy, Liberation from Mechanical ventilator, Arterial blood gas analysis, Care of ventilated patient, Non-invasive ventilation, Troubleshooting, Graphics asynchrony and management (ICU rounds), Ventilator strategy in ARDS, asthma and COPD  
**Funding agency** : Self-funded

## Anesthesia and Orthopedics

**Theme** : **CME on Pain mechanisms and Management and Workshop on Interventional Pain Therapy**  
**Date** : 17 Mar 2019  
**Organizing Chairpersons** : Dr S Tidke, Dr CM Badole  
**Organizing Secretary** : Dr S Jain  
**Delegates** : 120  
**Resource persons** : A Kolhe, S Lawange, U Ramtani, K Vyawahare, A Deshpande, MFulzele S Tidke, S Jain, V Chakole, A Khandwe, CM Badole, K Wandile, P Bhusal  
**Key topics** : History of pain medicine and odyssey of pain management, Pain medicine as a career for anaesthesiologists and training of pain specialists : Global and Indian scenario, Anatomy and physiology of pain, Assessment and management of acute pain – Post surgical and post traumatic pain, pathophysiology, assessment and management of chronic pain, Neuropathic pain, Diagnosis and management, Overview of cancer pain management – Clinical perspectives and rehabilitation in cancer patients, Overview of interventional pain management, Complex regional pain syndromes- Diagnosis and management, Interesting cases in management of pain in cancer patients and survivors, Meet the experts, Workshop on Interventional pain management, low backache and musculoskeletal disorders, Live demonstration  
**Funding agency** : Self-funded

## Anesthesia, Orthopedics and Radiology

**Theme** : **CME & Live Surgical Workshop on Ilizarov's Technique for Lower Limb Fracture**  
**Date** : 29 Sep 2018  
**Organizing Chairperson** : Dr CM Badole, Dr P Jain, Dr AT Tayade  
**Organizing Secretary** : Dr S Jain  
**Delegates** : 110  
**Resource Persons** : S Kulkarni, CM Badole, S Tidke, S Jain, D Bhandari, AT Tayade, V Raut, K Wandile, S Jamlekar, B Patil, N Chandurkar  
**Key topics** : Basic concept and practical demonstration of Ilizarov technique, Femoral nerve block for lower limb surgery, Anesthesia for lower limb surgery, Pre-anesthesia check-up of cardiac patients for orthopedic surgery, Radiological aspects of fracture union,

Problems related to compound fracture in lower limb, Management of infected non-union with Ilizarov's technique, Physiotherapy aspect in joint stiffness of knee joint, Computer navigated external fixator, Surgical live demonstration of lower limb fracture and fixation by Ilizarov's technique

**Funding agency** : Self-funded

#### **Centre for Genetics and Genomics**

**Theme** : **National Symposium on Genetics and Genomics in Human Health & Disease**

**Date** : 7-8 Dec 2018

**Organizing Chairperson** : Dr P Narang

**Organizing Secretary** : Dr AK Pal

**Delegates** : 157

**Resource persons** : A Dalal, D Modi, D Suri, N Gokulchandran, A Chakraborty, A Haldar, AK Pal, BC Das, N Gangane, R Dhanireddy, R Srivastava, S Pathak, S Chakraborty, A Habib, S Mundle, N Acharya, U Mogre, R Dargan, PV Shivkumar, S Shelke

**Key topics** : Molecular diagnostics in Clinical Practice, Genetics of male infertility: Involvement of the AZFc locus, Genetic Disorders predisposing to mycobacterial infections, Stem Cells: Tiny cells, future giants of medical treatment, Genome structure variation in human genetic diseases, Medical Applications of Cytogenetics, Molecular cytogenetics and cytogenomics, Chromosomal disorders in humans, Genes and genomics in diagnosis, prognosis, and treatment of cancer, Tissue microarrays in cancer, Pharmacogenomics in the newborn, Molecular approach to rapid and accurate diagnosis of tuberculosis, Genomic modifications in ageing and cancer: Role of giant cells in cancer metastasis, Population screening & prevention strategies for thalassemias and other hemoglobinopathies of eastern India: Experience of 18,166 cases, Dermatoglyphics: Can it be a good tool in preventive medicine?, Genetics in primary amenorrhea

**Funding agencies** : Kasturba Health Society, Medical Council of India

#### **Community Medicine and DSNSPH**

**Theme** : **Study Design Options in Epidemiological Research**

**Date** : 3-7 Jul 2018

**Organizing Secretary** : Dr BS Garg

**Delegates** : 26

**Resource Persons** : BS Garg, SS Gupta, C Maliye, AV Raut, MS Bharambe, A Kalantri

**Key topics** : Cross-sectional study, case-control study, cohort study, randomized controlled trial

**Funding agency** : ICMR, New Delhi

**Theme** : **Qualitative Methods in Health Research**

**Date** : 9-13 Apr 2018

**Organizing Secretary** : Dr BS Garg

**Delegates** : 24

**Resource Persons** : BS Garg, PV Bahulekar, SS Gupta, C Maliye, AV Raut, V Yenurkar, S Belurkar

**Key topics** : Introduction to qualitative research methods and PLA Techniques, Focus group discussion, In-depth interview (IDI), Sampling in qualitative research, PLA Methods, Analysis of qualitative data, Anthropic, ATLAS ti, Writing a qualitative report

**Funding agency** : ICMR, New Delhi

**Theme** : **Workshop on RNTCP for Interns**  
**Date** : 12 Aug 2018  
**Organizing Secretary** : Dr AM Mehendale  
**Delegates** : 15  
**Resource Persons** : AM Mehendale, DG Dambhare, A Mundra  
**Key topics** : Revised treatment strategy of tuberculosis  
**Funding agency** : NRHM

**Theme** : **Data Analysis using Statistical Software (EPI INFO)**  
**Date** : 28 Aug – 1Sep 2018  
**Organizing Secretary** : Dr BS Garg  
**Delegates** : 21  
**Resource Persons** : BS Garg, MS Bharambe, SS Gupta, C Maliye, AV Raut, A Kalantri  
**Key topics** : Data analysis, statistical tests  
**Funding agency** : ICMR, New Delhi

**Theme** : **CME on Leprosy** (organized by Dr. Sushila Nayar School of Public Health, Sevagram in collaboration with Hindi Kusht Nivaran Sangh, Gandhi Memorial Leprosy Foundation, Wardha and Indian Association of Dermatologists, Venereologists & Leprologists)  
**Date** : 9 Dec 2018  
**Organizing Secretary** : Dr BS Garg  
**Delegates** : 90  
**Resource Persons** : VV Dongre, A Deshpande, WS Bhatki, VV Pai, PD Joshi, U Thakar  
**Key topics** : Status of leprosy in India, epidemiology, management, rehabilitation, Recent advances in leprosy, Role of reconstructive surgery in leprosy, epidemiology, management, rehabilitation  
**Funding agency** : GMLF, KHS, NLO

**Theme** : **Quality Improvement Workshop for ASHA Facilitators**  
**Date** : 28 Dec 2018  
**Organizing Secretary** : Dr BS Garg  
**Number of Delegates** : 57  
**Resource Persons** : V Datta, M Singh, PV Bahulekar, CMaliye, AV Raut  
**Key topics** : Quality improvement  
**Funding agency** : Nationwide Quality of Care Network and WHO

**Theme** : **Role of Gandhian Philosophy in Health with focus on Leprosy Elimination**  
**Date** : 30 Jan 2019  
**Organizing Secretary** : Dr BS Garg  
**Delegates** : 110  
**Resource Persons** : DS Mehta, BS Garg, NS Dharmshaktu, R Kumar, VV Dongre, RK Mutatkar, MD Gupte, A Shah, S Kamble, SB Umrane, N Kohli, G Bhoi, S Hussain  
**Key topics** : Gandhi Memorial Leprosy Foundation, Role of Gandhian philosophy in health with focus on leprosy elimination, Leprosy status in Maharashtra and the way forward, Recent advances in leprosy, rehabilitation in leprosy, Gandhiji and leprosy, socio-legal aspects of leprosy, Association of people affected with leprosy.  
**Funding agency** : Kasturba Health Society

**Theme** : **Workshop on RNTCP for Interns**  
**Date** : 15 Feb 2019  
**Organizing Secretary** : Dr AM Mehendale  
**Delegates** : 63  
**Resource persons** : Dr AM Mehendale, Dr R Narang, Dr DG Dambhare  
**Key topics** : Revised treatment strategy of tuberculosis  
**Funding agency** : NRHM

**Theme** : **Student Seminar on RNTCP**  
**Date** : 28 Mar 2019  
**Organizing Secretary** : Dr AM Mehendale  
**Delegates** : 90  
**Resource persons** : Dr AM Mehendale, Dr A Mundra  
**Key topics** : Revised treatment strategy of tuberculosis  
**Funding agency** : NRHM

#### **Forensic Medicine and Toxicology and Orthopedics**

**Theme** : **Medico-legal aspects in clinical practice**  
**Date** : 25 Nov 2018  
**Organizing Chairman** : Dr BH Tirpude  
**Organizing Secretary** : Dr CM Badole  
**Delegates** : 271  
**Resource persons** : BH Tirpude, M Shrigiriwar, R Bangal, S Singhal, PN Murkey, P Tekade, A Apte, IL Khandekar, RB Somani, PR Zopate  
**Key topics** : How to appear in the court for giving medical evidence, Examination of sexually assaulted victim- A medicolegal perspective, Prevention of medical negligence with special reference to the role of effective communication and documentation in medical practice, Doctor- patient relationship in medical practice, Preoperative consent, Injuries from medicolegal views, Medicolegal documentation in clinical practice. Medico legal cases and MCCD. An experience of medicolegal cases in consumer forum. Type of negligence by doctor in medical practice and defence  
**Funding agency** : Self-funded

#### **Medicine, Microbiology and Anesthesia**

**Theme** : **CME on Antimicrobial Stewardship**  
**Date** : 15 Dec 2018  
**Organizing Chairperson** : Dr B Taksande, Dr V Deotale  
**Organizing Secretary** : Dr S Jajoo, Dr D Bhandari  
**Delegates** : 110  
**Resource persons** : SP Kalantri, R Mishra, J Bajaj, N Shende  
**Key topics** : Introduction to antimicrobial stewardship, Sample collection and common errors, Outpatient department and AMSP: Where to hold antibiotics, Role of Clinical Microbiology in diagnosis, Appropriate technique for reporting and relevant clinical updates in microbiology for clinicians, Interpretation of microbiology data in context of clinical scenarios. How do you do it and what are common errors, VAP, CAUTI, CLABSI: Clinical point of view in diagnosis and treatment, Selection of empirical therapy for sepsis and antibiotic de-escalation and restriction, Infection control and prevention practices in Hospital and ICU, Surgical site prophylaxis and SSI control  
**Funding agency** : ICMR

## Medicine

**Theme** : **Training Programme in Palliative Care**  
**Date** : 4-14 Mar 2019  
**Organizing Secretary** : Dr SP Kalantri  
**Delegates** : 20  
**Resource persons** : MR Rajagopal, G Burn, SP Kalantri, A Dam, A Stella, M Rai, J Rana  
**Key topics** : Introduction to the course, introduction to palliative care, sharing of experience in palliative care, introduction to pain and assessment of pain, palliative care from a philanthropist perspective, need of palliative care education in UG and PG courses, communication, role of nurses in palliative care, pain, WHO ladder for pain management, wound management, gastrointestinal symptoms, constipation, respiratory symptoms, urinary symptoms, delirium, subcutaneous injection and fluids, working in resource poor settings, self-care and burnout, opioid availability, lymphedema management, oral care, role of community and volunteers, children and palliative care, medical ethics, end of life care, colostomy care, care of bed bound, psychosocial assessment  
**Funding agency** : Kasturba Health Society

## Medicine and Ophthalmology

**Theme** : **CME on Recent Advances in Diabetes and Diabetic Retinopathy**  
**Organizing Chairperson** : Dr AK Shukla  
**Organizing Secretary** : Dr J Jain  
**Date** : 18 Nov 2018  
**Delegates** : 103  
**Resource persons** : AK Shukla, P Tayade, S Ambulkar, AP Jain, S Singh, J Jain, P Bang, S Lohiya, S Doye, S Banait, Sanjay  
**Key Topics** : Controversies in diabetes mellitus, Recent advances in management of diabetes mellitus – Newer oral hypoglycemic agents, Analogs vs conventional insulin - Panel Discussion, Workshop on fundus examination, Management of proliferative diabetic retinopathy - Therapeutic approaches and their current delivery system, Recent advances in management of diabetic macular edema, Case discussion  
**Funding Agency** : Queen Elizabeth Diamond Jubilee Trust

## Microbiology

**Theme** : **17th & 18th Dr PRJ Gangadharam Oration Awards**  
**Date** : 26 Sep 2018  
**Organizing Chairperson** : Dr P Narang  
**Organizing Secretary** : Dr V Deotale  
**Delegates** : 50  
**Awardees** : Dr R Sarin, Dr SD Khaparde  
**Key topics** : New drugs and regimes in tuberculosis– The road ahead, The National Strategic Plan (NSP) for TB – Steps towards ending TB by 2025.

## Obstetrics and Gynecology

**Theme** : **Workshop and Core Group meeting on PPH Bundle and Experience of ESM UBT in women with post-partum hemorrhage**  
**Date** : 3-4 Apr 2018  
**Organizing Secretaries** : Dr PV Shivkumar, Dr S Tayade, Dr S Jain

**Delegates** : 52  
**Resource persons** : T Burke, J Fidvi, P Junghare, VB Bangal, D Shrivastava, K Kedar, P Priyadarshani, R Gaikwad, Shabana  
**Key topics** : Introduction to the WHO PPH Bundle, Five PPH Bundle Implementation Module, Implementation module elements, Position of PPH in district hospitals of Maharashtra and ESM-UBT intervention.  
**Funding Agency** : MGH, Harvard University, Boston, USA

**Theme** : **Workshop on Vertical Integration and Clinical Skill on PPH Bundle**  
**Date** : 22 June 2018  
**Organizing Secretary** : Dr S Tayade  
**Delegates** : 32  
**Resource persons** : P Madavi  
**Key topics** : PPH, Definition, classification, epidemiology, etiology and risk factors, identification of PPH , Triaging initial management of PPH, Medical management of PPH, case based learning, Procedural skills for nonsurgical management- Bimanual compression, aortic compression, Balloon tamponade with ESM-UBT, and anti-shock garment, manual removal of placenta, traumatic PPH and surgical management of PPH suturing of cervical tears, vaginal lacerations and extended episiotomy- Practice on mannequin.  
**Funding Agency** : MGH, Harvard University, Boston, USA

**Theme** : **Guest lecture: Explore OBGY outside your cocoons**  
**Date** : 27 Jul 2018  
**Organizing Secretary** : Dr P Kumar  
**Delegates** : 25  
**Resource Persons** : S Pandit  
**Key topics** : Explore OBGY outside your cocoons  
**Funding Agency** : Kasturba Health Society, Sevagram

**Theme** : **Conference on Role of Screening in Obstetrics and Gynecology- Early detection and its prevention**  
**Date** : 22 Sep 2018  
**Organizing Secretaries** : Dr PV Shivkumar, Dr P Kumar  
**Delegates** : 80  
**Resource persons** : V Das, S Nangia, Pushpalatha, M Sauhta, A Rajwahane, S Singhal, M Jain, R Dargan, J Poddar  
**Key topics** : Role of screening in obstetrics and gynecological disorders, early detection and prevention, optimizing preterm birth outcome, Screening of gestational diabetes mellitus, Screening of thyroid disorders and their management, Prediction and prevention of pre-eclampsia- what's new, Screening of premalignant lesions of cervix and endometrium, screening of ovarian malignancy- what is new, Role of vaccination of carcinoma cervix, Colposcopy- the need of the hour, Live demonstration of colposcopy.  
**Funding Agency** : MGH, Harvard University, Boston, USA

**Theme** : **Workshop on PPH Bundle**  
**Date** : 28-29 Sep 2018  
**Organizing Secretary** : Dr PV Shivkumar

**Delegates** : 36  
**Resource person** : T Burke  
**Key topics** : Discussion about goal and achievement of PPH project  
**Funding Agency** : MGH, Harvard University, Boston, USA  
  
**Theme** : **Walk for Cause under the theme of ‘Beti Bachao Beti Padhao’**  
**Date** : 2 Jan 2019  
**Organizing Secretaries** : Dr PV Shivkumar, Dr A Tembhare  
**Delegates** : 100  
**Resource persons** : N Gangane, Makrande, P Kumar, A Tembhare, PV Shivkumar  
**Funding Agency** : Sevagram-Wardha Obstetrics and Gynecological Society and FOGSI

**Theme** : **Workshop and core group meeting on PPH Bundle**  
**Date** : 7 -10 Jan 2019  
**Organising Secretary** : Dr PV Shivkumar  
**Delegates** : 14  
**Resource person** : T Burke  
**Key topics** : Meeting with all MGH team, PPH Pre-congress workshop, PPH Bundle Workstation  
**Funding agency** : MGH, Harvard University, Boston, USA

**Theme** : **Hypertensive Disorders in Pregnancy**  
**Date** : 16 Mar 2019  
**Organizing Secretaries** : Dr PV Shivkumar, Dr A Tembhare  
**Delegates** : 30  
**Resource persons** : S Mane, N Acharya, D Shrinath  
**Key topics** : Hypertensive disease of pregnancy, Pathophysiology, Clinical features and etiology, Anti-hypertensive therapy, Maternal and fetal complication in eclampsia  
**Funding Agency** : Sevagram-Wardha Obstetrics and Gynecological Society

SWOGS

#### Ophthalmology

**Theme** : **Certificate Course in Evidence Based Management of Diabetic Retinopathy** (CCDR Cycle III) (delivered by Public Health Foundation of India, Centre for Chronic Disease Control, Dr. Mohan’s Diabetes Education Academy and Aravind Eye Care System)  
**Date** : 1,22,29 Apr and 27 May 2018 (Four workshops)  
**Organizing Secretary** : Dr AK Shukla  
**Delegates** : 20  
**Resource persons** : AP Jain, AK Shukla, S Singh  
**Key topics** : Epidemiology, Clinical features, Classification and association, Evidence based management of diabetic retinopathy  
**Funding Agency** : Public Health Foundation of India

**Theme** : **Workshop for Ophthalmic Assistants for taking fundus photographs of known diabetic patients with non-mydiatric fundus camera**  
**Organizing Secretary** : AK Shukla  
**Date** : Oct- Dec 2018 (Once a week every month)  
**Delegates** : 11  
**Resource persons** : AK Shukla, S Singh  
**Key topics** : Hands on fundus camera  
**Funding Agency** : Queen Elizabeth Diamond Jubilee Trust, UK

**Theme** : **Hands on workshop and Wet Lab on Phacoemulsification and Nucleotomy techniques**  
**Organizing Secretary** : Dr S Singh  
**Date** : 1-2 Dec 2018  
**Delegates** : 20  
**Resource persons** : AK Shukla, S Singh, L Chapukar, M Yuvraj  
**Key topics** : Phacodynamics, Incision in cataract surgery, Nucleotomy & Hands on Wet Lab  
**Funding Agency** : Self-funded

**Theme** : **Hands on training for Fundus Examination on World Diabetes Day**  
**Date** : 14 Nov 2018  
**Organizing Secretary** : Dr AK Shukla  
**Delegates** : 102  
**Resource persons** : AK Shukla, S Singh, P Bang  
**Key topics** : Fundus examination  
**Funding agency** : Queen Elizabeth Diamond Jubilee Trust, UK

#### **Orthopedics, Anatomy and Radiology**

**Theme** : **Cadaveric shoulder dissection and arthroscopic workshop**  
**Date** : 23 Sep 2018  
**Organizing Chairperson** : Dr AT Tayade  
**Organizing Secretaries** : Dr CM Badole, Dr P Jain  
**Delegates** : 103  
**Resource Persons** : MR Shende, AM Tarnekar, JE Waghmare, K Wandile, AT Tayade, A Dhok, S Patil, R Lanke, CM Badole, P Parate  
**Key topics** : Applied anatomy around shoulder, Applied anatomy of rotator cuff, Surgical Approaches for shoulder, Radiographic anatomy of shoulder, Imaging in shoulder, Role of physiotherapy in shoulder, Clinical examination of shoulder, Dissection, Arthroscopy Dry model workshop.  
**Funding agency** : Self-funded

#### **Pathology**

**Theme** : **INQUIZITIVE: State level Postgraduate Pathology Quiz**  
 (Organized by MGIMS, Sevagram and Vidarbha Association of Pathologists and Microbiologists (VAPM))  
**Convener** : Dr A Gupta  
**Date** : 7 Mar 2019  
**Participants** : 18 (9 Teams)  
**Quizmasters** : Anshu, A Gupta  
**Funding Agency** : Kasturba Health Society

## Physiology

<b>Theme</b>	: <b>CME &amp; Hands on workshop on NCV &amp; EMG and its clinical applications</b>
<b>Date</b>	: 11 Jan 2019
<b>Organizing Secretary</b>	: Dr V Shende, Dr S Pawar
<b>Delegates</b>	: 68
<b>Resource persons</b>	: A Bansod, S Waghmare
<b>Key Points</b>	: Introduction to NCV, EMG& Late response study, Instrumentation and technique of NCV & EMG, Clinical application and interpretation of NCS and EMG, Repetitive nerve stimulation (RNS), Somatosensory Evoked Potential (SSEP)
<b>Funding Agency</b>	: Self Funded

## Pediatrics

<b>Theme</b>	: <b>ESM-NRB year in review workshop</b> (Organized in collaboration with Harvard University, MGH Boston)
<b>Date</b>	: 6 Apr 2018
<b>Organizing Secretary</b>	: Dr M Jain
<b>Delegates</b>	: 20
<b>Resource persons</b>	: T Burke, M Jain, R Ravi
<b>Key Points</b>	: Data analysis, feasibility issues at user end
<b>Funding Agency</b>	: Dr Thomas Burke

<b>Theme</b>	: <b>Nation Wide Quality of Care Network workshop</b>
<b>Date</b>	: 29-30 Jun 2018
<b>Organizing Secretary</b>	: Dr M Jain
<b>Delegates</b>	: 30
<b>Resource persons</b>	: V Datta, H Pemde, A sooden, M Singh
<b>Key Points</b>	: Spoke and hub model for QI at district level
<b>Funding Agency</b>	: NQOCN and WHO

<b>Theme</b>	: <b>Point of care quality improvement workshop (NQOCN)</b>
<b>Date</b>	: 30-31 Jul 2018
<b>Organizing Secretary</b>	: Dr M Jain
<b>Delegates</b>	: 30
<b>Resource persons</b>	: V Datta, H Pemde, A Sooden, M Singh, M Jain, A Bang
<b>Key Points</b>	: How to conduct QI in NICU and labour room
<b>Funding Agency</b>	: NQOCN and WHO

<b>Theme</b>	: <b>31st Indian Academy of Pediatrics (IAP) Undergraduate Quiz</b>
<b>Date</b>	: 18 Aug 2018
<b>Organizing Secretary</b>	: Dr M Jain
<b>Delegates</b>	: 8 teams from all over Maharashtra
<b>Resource persons</b>	: M Jain, A Bang, V Chavhan, S Jategaonkar
<b>Funding Agency</b>	: Self-funded

**Theme** : **25th Annual Workshop on Basic Neonatal Care & Neonatal Resuscitation**  
**Date** : 29-30 Sep 2018  
**Organizing Secretary** : Dr M Jain  
**Delegates** : 120  
**Resource persons** : M Jain, A Bang, V Chavhan, S Jategaonkar  
**Key Points** : Basic Neonatal Care and Neonatal Resuscitation  
**Funding Agency** : Self-funded

**Theme** : **Experience sharing meeting on Quality Improvement Projects with NQOCN**  
**Date** : 30 Nov 2018  
**Organizing Secretary** : Dr M Jain  
**Delegates** : 25  
**Resource persons** : V Datta, H Pemde, A Sooden, M Singh, M Jain, A Bang  
**Key Points** : Review of ongoing QI projects  
**Funding Agency** : NQOCN and WHO

#### Psychiatry

**Theme** : **National CME on Industrial Psychiatry**  
**Date** : 17 Nov 2018  
**Organizing Chairman** : Dr KK Mishra  
**Organizing Secretary** : Dr H Sathe  
**Delegates** : 37  
**Resource Persons** : S Bhave, V Kirpekar, S Gawande, A Somani, PK Dalal, T Pati, (Col) Chaudhary, MSVN Raju, (Brig) MSVK Raju  
**Key topics** : Psychological factors affecting industrial productivity, rational thinking in industry, burnout syndrome in Industrial workers, detrimental effects of smartphone use, Substance use problems in the industrial workers, Implications of Mental Health Act, importance of positive psychology in office settings, cultural differences affecting the psyche of the industrial workers  
**Funding agency** : Self-funded

#### Radiology and Pediatrics

**Theme** : **CME on Pediatric Imaging**  
**Date** : 9 Dec 2018  
**Organizing Chairperson** : Dr M Jain  
**Organizing Secretary** : Dr AT Tayade  
**Delegates** : 110  
**Resource Persons** : S Dhanireddy, B Lakhar, D Ghodke, AT Tayade, S Patil, S Kale, ADhok  
**Key topics** : Acute respiratory distress, Imaging in acute abdomen, Radiographic findings in congenital heart disease, Lines and tubes, Case discussion  
**Funding agency** : Self-funded

#### Radiotherapy

**Theme** : **Breast Cancer Awareness Program for the occasion of “Women’s Day**  
**Date** : 8 Mar 2019  
**Organizing Secretary** : Dr V Vyas

<b>Delegates</b>	: 100
<b>Key topics</b>	: Awareness about breast cancer, Breast cancer diagnosis and treatment
<b>Resource persons</b>	: P Mahajan, M Rajput
<b>Funded by</b>	: Breast Cancer Club, Dept. of Radiation Oncology, MGIMS, Sevagram

### Surgery

<b>Theme</b>	: <b>Hands on training workshop in suture techniques and basic lab skills</b>
<b>Date</b>	: 18- 19 Dec 2018
<b>Organizing Secretary</b>	: Dr DO Gupta
<b>Delegates</b>	: 50
<b>Resource Persons</b>	: D Gupta, PV Shivkumar, PS Nagpure.
<b>Key topics</b>	: Basic suture techniques, stapler devices, vascular and intestinal anastomosis, tendon repairs, and residents of gynecology were exclusively trained in episiotomy and perineal tear repairs
<b>Funding agency</b>	: Self-funded

## Academy of Basic Medical Sciences

<b>Patron</b>	: Dr Satish Kumar
<b>Teacher In-charge</b>	: Dr Vinod Shende
<b>President</b>	: Mr Samir Khawshe
<b>Secretary</b>	: Mr Dhruv Mistry
<b>Treasurer</b>	: Mr Shayon Mukherji
<b>Executive Members</b>	: Ms. Jasnoor Kaur, Ms. Tejaswini Meshram (Coordinators in Anatomy)
	: Ms Nikita Guruwani, Ms Sonal Sachdeva (Coordinators in Biochemistry)
	: Ms Pranjal Jain, Mr Sudeep Meena (Coordinators in Physiology)

The Academy of Basic Medical Sciences (2018-19) was constituted under the Chairmanship of the Dean, with heads of the pre-clinical departments, the advisors and the students of 2018 batch as office bearers. All first MBBS students were randomly divided into three groups in all three departments for the preliminary and semifinal rounds. Dr Satish Kumar and Dr Vinod Shende conducted a session on "How to prepare presentations". Six sessions of preliminary rounds were conducted simultaneously in the respective preclinical departments. Students standing first and second in each preliminary round were selected for the semifinal round. All the 36 semifinalists (12 each from three preclinical departments) presented their seminars in two sessions with the same judges to maintain the uniformity in judgment. Six students (2 each from Anatomy, Biochemistry and Physiology departments) were selected for the finals. These six finalists presented their seminars on 17 Apr 2019. The results of the final seminar are as follows:

<b>Winner</b>	: Mr Ved Raut
<b>First Runner Up</b>	: Ms Sonal Sachdeva
<b>Second Runner Up</b>	: Mr Sagar Palwe and, Mr Ritwiz Mishra
<b>Consolation Prizes</b>	: Ms Renuka Kongare and Mr Suyog Deshmukh

# Books & Monographs

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## Books

### **Khandekar IL**

Forensic medical aspects of investigation of crime: A manual for police officers  
Dnyanpath Publication, Amravati, First Edition, 2018. ISBN 13:978-83-87278-20-2.

### **Kulkarni MA, Patil SS, Shetty AM.**

Conceptual Review of Radiology Nothing beyond for PGMEE.  
CBS Publishers & Distributors, Delhi. First edn. 2018. ISBN: 9789386827203

## Monographs

### **Singh S** (*Contributor and subject expert*)

MCI Competency based undergraduate curriculum for the Indian medical graduate, 2018. Volume III Surgery & Allied, Ophthalmology (code: OP). Pp. 79-87.

## Chapters in Books

### **Garg BS**

Community Medicine: An Introduction  
History and Important Events in Community Health  
In: Kadri AM (editor). Textbook of Community Medicine, First edition; 2019: Jaypee Brothers Medical Publishers. New Delhi Pp. 6-9 and 247-252. ISBN: 978-9352709946

### **Kalantri SP, Anshu.**

Changing the paradigm: The Mahatma Gandhi Institute of Medical Sciences, Sevagram.  
In: Nundy S, Desiraju K, Nagral S (editors). Healers or predators: Healthcare corruption in India. 2018. Oxford University Press. New Delhi. pp.572-94. ISBN: 978-0199489541

# Courses Attended

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**Anatomy**      **Waghmare JE**  
Stress Management.  
NPTEL online certification by IIT Kharagpur, 1 Aug- 30 Sep 2018

**Waghmare JE**  
Educational Leadership.  
NPTEL online certification by IIT Kharagpur, 1 Aug- 30 Sep 2018

**Waghmare JE**  
Masters in Science (Health Professions Education)  
MUHS Nashik, Aug 2015-Jun 2018

**Waghmare JE, Sontakke BR**  
ICMR-certified online course on Health Research Fundamentals  
1 Feb – 31 Mar 2018

**Anesthesia**      **Jain S**  
Training programme in Palliative Care  
MGIMS Sevagram, 4-14 Mar 2019

**Community Medicine**      **Mundra A**  
The Union's short course on PubMed Search and Reference Management  
Bhubaneswar, 30-31 Jul 2018

**Medicine**      **Jain J**  
5th Advance Course in Medical Education (2nd Contact session)  
JNMC Sawangi, 9-11 Apr 2018

**Microbiology**      **Chhajed V**  
Training programme for First and Second Line LPA for laboratory personnel  
NTI, Bangalore, 19- 26 Jan 2019

**Deokate P**  
Training program on JE Epidemiology  
NIV, Pune, 17-19 Dec 2018

**Obstetrics and Gynecology**      **Shelke S**  
17th ICMR Course in Medical Genetics and Genetic Counseling  
Sanjay Gandhi Postgraduate Institute, Lucknow,  
18 Aug-2 Sep 2018

**Shelke S**

Online Course on Health Research Fundamentals  
NPTEL-AICTE Faculty development programme, ICMR New Delhi, Nov 2018

**Ophthalmology**

**Bang P**

Phaco-Emulsification Training Course  
Dr Thakorbhai V. Patel Eye Institute & Alcon Phaco Training Centre,  
Vadodara, 10-21 Jul 2018

**Pharmacology**

**Chimurkar L, Gosavi D**

7th MCI Advance Course in Medical Education (ACME)  
MCI Nodal Centre for National Faculty Development,  
Jawaharlal Nehru Medical College, Sawangi (Meghe), 1-5 Oct 2018.

**Pethe M**

Certificate Course in Management of Hypertension  
Public Health Foundation of India & Irish Hypertension Society, International Society  
of Hypertension and Centre for Chronic Disease, Oct 2017- Jul 2018

**Physiology**

**Kothari R**

Training Programme in Palliative Care  
Organized by MGIMS Sevagram in collaboration with Trivandrum Institute of Palliative  
Sciences, 4-14 Mar 2019

**Kothari R**

6th Advanced Course in Medical Education (first onsite session)  
JNMC, Sawangi (Meghe), 5-7 Oct 2018

**Shende V**

Advanced Course in Medical Education  
MCI Regional Centre, JNMC Sawangi, 3 Oct 2017- 11 Apr 2018

# Conferences Attended

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## Anatomy

### Pal AK

18th All India Congress of Cytology and Genetics (AICCG) and International Symposium on Translating Genes and Genomics  
Kolkata, 29-31 Jan 2018

### Shende MR

CME on Anatomico-clinical importance of spinal cord  
JNMC Sawangi (Meghe) Wardha, 23 Feb 2018

### Bokariya P

Micrometry in Microscopic Image Analysis using software  
JIPMER, Puducherry, 29 Sep 2018

### Shende MR, Pal AK, Waghmare JE, Wankhede VR, Bokariya P, Gujar VK, Talhar SS.

National Symposium on Genetics and Genomics in Human Health & Disease.  
MGIMS, Sevagram, 7-8 Dec 2018.

### Bokariya P

Onsite Session of PG Diploma in Bioethics.  
PSG Institute of Medical Sciences & Research, Coimbatore, 8-10 Feb 2019

## Anesthesia

### Tidke S

CME on Medicolegal Aspects in Clinical Practice  
MGIMS Sevagram, 25 Nov 2018

### Jain S

CME on Onco-Anesthesia Update  
Indian Society of Anesthesiologists, Nagpur, 10 Jun 2018

### Tidke S, Dhande P, Jain S

CME on Antimicrobial Stewardship  
MGIMS, 15 Dec 2018

### Tidke S

ISA-IRC BCLS & Beyond the Basics of CPR training Workshop  
MGIMS Sevagram, 16-17 Dec 2018

### Tidke S, Jain S, Bhandari D, Jha N, Kathane N, Rathi S, Katrale S, Vyas A, Rahane A, Solankey R, Wandile P, Jadhao H, Nasre A, Adhau Y, Logeshwari

CME on Pain Management  
MGIMS Sevagram, 17 Mar 2019

**Jain S**

CME on Hypertension  
API Vidarbha Chapter, Nagpur, 5 Aug 2018

**Jain S**

Paper and poster presentation competition (*Judge*)  
Annual Conference of Indian Society of Anesthesiologists, Shirdi, 6-7 Oct 2018

**Jain S**

CME on Leprosy  
GMLF and Department of Community medicine, 30 Jan 2019

**Jha N, Kathane N**

National Airway Conference  
Kolkata, 7-9 Sep 2018

**Yadav N, Lambe A, Kumari P, Choudhary D**

CME on Basic Mechanical Ventilation  
MGIMS Sevagram, 15 Oct 2018

**Rathi S, Katrale S**

Ramchandra Advanced Airway Life Support Workshop  
Chennai, 2-5 Aug 2018

**Biochemistry****Mohod K, Waghmare P**

National Symposium on Genetics and Genomics in Human Health & Disease.  
MGIMS, Sevagram, 7-8 Dec 2018.

**Community  
Medicine****Garg BS**

46th National Conference of Indian Association of Preventive & Social Medicine  
(IAPSMCON 2019)  
IGMC Shimla, 8-10 Mar 2019

**Dambhare D**

CME on Medicolegal aspect in Clinical Practice  
MGIMS Sevagram, 25 Nov 2018

**Dambhare D**

CME on Leprosy  
MGIMS, Sevagram, 9 Dec 2018

**Dermatology****Kar S**

Indian Society of Pediatric Dermatology Conference (ISPD 2018)  
Goa, 31 Aug-2 Sep 2018

**Jain S**

National Conference on Health Professions Education (NCHPE 2018)  
NKP Salve Institute of Medical Sciences, Nagpur, 16-17 Nov 2018

**Bonde P, Sonkusale P, Ramteke K, Patrick S, Sawant A.**  
COSMOLASERCON  
Mumbai, 28-30 Sep 2018

**Kar S, Jain S**  
CUTICON 2018  
Nagpur, 23-25 Nov 2018

**Forensic Medicine**

**Tirpude BH, Khandekar IL**  
FORENSIC JURISCON 2018  
21st Annual State Conference of Medico-legal Association of Maharashtra,  
Mumbai, 27 -28 Oct 2018

**Tirpude BH, Murkey PN**  
CME on Cyber Crime- Social, legal and medico-legal aspects  
Department of Forensic Medicine, JNMC, Sawangi (Meghe), 21Apr 2018

**Khandekar IL**  
State Conference of Karnataka Medico-legal Association  
Kasturba Medical College, Manipal, Karnataka, 2nd Nov 2018

**Khan SH, Chaphalkar KN**  
CME on Medico-legal aspects in clinical practice  
Department of Forensic Medicine and Orthopedics, MGIMS, Sevagram, 25 Nov 2018

**Medicine**

**Jain V**  
Contact session of GSMC FAIMER Fellowship  
GSMC-FAIMER Institute, Mumbai, 22-25 Apr 2018

**Jain J**  
Hello Diabetes Academia  
Nagpur, 7Jul 2018

**Jajoo S**  
Best of Brussels Symposium on Intensive care and EmergencyMedicine  
Pune, 7 Jul 2018

**Taksande B**  
National Conference on Health Professions Education 2018  
Nagpur, 15-17 Nov 2018

**Saxena A**  
National CME on Industrial Psychiatry: Improving mental health a way to improve the  
industrial output  
MGIMS Sevagram, 17 Nov 2018

**Microbiology**

**Narang P**  
XXIV Maharashtra Chapter Conference of IAMM  
Dept. of Microbiology, Krishna Institute of Medical Sciences, Karad, 29-30 Sep 2018

**Narang P, Narang R**

42nd Annual Conference of Indian Association of Medical Microbiologists, Bengaluru,  
28Nov-2 Dec 2018

**Narang P, Maraskolhe D, Attal R, Saha D**

CME on Old infections New Challenges  
Vidarbha Association of Medical Microbiologists, Nagpur, 31 Mar 2019

**Narang R**

India One Health Table Top Exercise  
Bhopal, 10-12 Sep 2018

**Narang R**

First One Health Summit  
Cornell-Sathguru Foundation for Development (CSFD), New Delhi, 3-4 May, 2018

**Narang R**

National Board of Examination Workshop on MCQ validation  
New Delhi, 11-12 Oct 2018

**Deotale V, Narang R, Thamke D, Maraskolhe D, Attal R**

National Symposium on Genetics & Genomics in Human Health & Disease  
MGIMS Sevagram, 7-8 Dec 2018

**Obstetrics and  
Gynecology**

**Kumar P, Purohit A, Narrey N, Deshmukh K**

CME on Obstetrics- Critical and Medico-Legal Update  
Deoli – Sawangi OBGY Society, Dept of Ob/Gyn and Dept. of Forensic Medicine,  
JNMC, Sawangi Meghe, 4 Aug 2018

**Chhabra S**

National Symposium on Genetics and Genomics in Human Health and Disease  
MGIMS, Sevagram, 7-8 Dec 2018

**Shivkumar PV**

National CME on Industrial Psychiatry  
Dept of Psychiatry, MGIMS, Sevagram, 17 Nov 2018

**Shivkumar PV, Jain S**

CME on Medico Legal Aspects  
MGIMS, Sevagram, 25 Nov 2018

**Ophthalmology**

**Singh S**

Advanced Phacoemulsification Video Symposium  
Delhi, 8 Jul 2018

**Singh S, Bang P**

43rd Annual Conference of the Vidarbha Ophthalmic Society (*Organizer*)  
Vidarbha Ophthalmic Society, Wardha, 13-14 Oct 2018

**Shukla AK, Dhabarde A, Sheikh MA, Singh SJ, Doye S, Gawai P, Gupta G, Yadav A, Garkal P, Verma P, More A, Tayde D, Pednekar N, Peddawad S, Daberao R, Bhosale N, Rathi N, Sunderkar T, Barghare T, Gade B**

43rd Annual Conference of the Vidarbha Ophthalmic Society  
Vidarbha Ophthalmic Society, Wardha, 13-14 Oct 2018

**Shukla AK, Singh S, Dhabarde A, Bang P, Sheikh MA, Singh SJ, Doye S, Gawai P, Gupta G, Yadav A, Garkal P, Verma P, More A, Tayde D, Pednekar N, Peddawad S**

43rd Annual Conference of the All India Ophthalmic Society Conference  
Vidarbha Ophthalmic Society, Indore, 14-17 Feb 2019

**Bang P**

West Phaco Development  
Phaco Symposium, Pune, 12 Aug 2018

**Orthopedics**

**Jain P, Chaudhari J, Hatwar R, Waghela A, Salve G**

37th Annual Conference of Vidarbha Orthopedics Society (VASCON-2018),  
Nagpur, 26-28 Oct 2018

**Patond KR**

17th Winter Meeting on Advances and techniques in Joint Replacement Surgery and  
Arthroscopy  
New Delhi, 21-23 Feb-2019

**Medhi M, Mote G, Chaudhari J**

CME & Workshop on Open Reduction of Fracture Intra Capsular neck femur on fracture  
table & operative Demonstration & Workshop Coxa Femoral bypass for fracture ITNF.  
PDMC, Amravati, 10 Feb 2019

**Pathology**

**Gangane N, Patil B, Khan H, Ghongade P, Watti A, Gulhane P, Kotalwar K, Vaidya V, Hagon S**

2nd Annual Conference of Vidarbha Association of Pathologists & Microbiologists,  
VAPCON-2018  
Nagpur, 8-9 Dec 2018

**Shivkumar VB**

UP PATHCON-2018, XXVI Annual Conference of IAPM (UP Chapter)  
Department of Pathology, MLN Medical College, Allahabad, 5-7 Oct 2018

**Shivkumar VB**

National CME on Industrial Psychiatry-2018  
MGIMS, Sevagram, 17 Nov 2018

**Anshu**

National Symposium on Genetics and Genomics in Human Health and Disease,  
MGIMS Sevagram, 7-8 Dec 2018

**Anshu, Deshmukh A, Wagle B, Gawai S, Gulhane P, Watti, A, Kotalwar K, Fulzele N, Vaidya V, Hagone S.**

Hematology Master Class, Vidarbha Association of Pathologists & Microbiologists,  
Nagpur, 6-7 Oct2018

**Deshmukh A, Gawai S**

CME on Pediatric Imaging  
MGIMS, Sevagram, 9 Dec 2018

**Gawai S, Gulhane P, Kotalwar K, Vaidya V**

CME on Medicolegal aspects in clinical practice  
MGIMS, Sevagram, 25 Nov 2018

**Pediatrics****Bang A**

2018 Pediatric Academic Societies Annual Meeting  
Toronto, Canada, 5-8 May 2018

**Bang A**

CME on Pulmonary Hypertension  
Toronto, Canada, 11 May 2018

**Jategaonkar S**

IV Maharashtra State IAP Intensive Care Chapter Conference – Mahapedicritican 2018  
with TAPICON 2018  
Thane, 7-9 Sep 2018

**Jategaonkar S, Jadhav S**

CME on Medicolegal Aspects in clinical Practice  
MGIMS, Sevagram, 25 Nov 2018

**Jain M, Bang A, Chauhan V, Jategaonkar S, Jadhav S**

CME on Pediatric Imaging  
MGIMS Sevagram, 9 Dec 2018

**Jategaonkar S, Jadhav S**

CME on Antimicrobial Stewardship  
MGIMS, Sevagram, 15 Dec 2018

**Jadhav S**

PEDICON 2019, National Pediatrics Conference  
Mumbai, 7-10 Feb 2019

**Chandel A**

Pediatric Tuberculosis: Diagnosis and Management  
MGIMS, Sevagram, 27 Mar 2019

- Pharmacology**     **Kale R, Gosavi D, Anjum A, Gorjelwar P**  
National Symposium on Genetics and Genomics in Human Health and Disease  
MGIMS, Sevagram, 7-8 Dec 2018
- Rajput A**  
CLINICOPHARMACON: National Conference on Clinical trials and research,  
Chennai, 16 Jun 2018
- Kale R, Chimurkar L, Pethe M , Rajput A, Pandhare S, Gorjelwar P, Anjum A, Quazi S**  
CME on Antimicrobial Stewardship  
MGIMS, Sevagram, 15 Dec 2018
- Anjum A, Gorjelwar P, Pandhare P, Rajput A,**  
CME on Medicolegal aspects in clinical practice  
MGIMS, Sevagram, 25 Nov 2018.
- Rajput A**  
Improving mental health: A way to improve the industrial output  
National CME on Industrial Psychiatry  
MGIMS, Sevagram, 17 Nov 2018
- Physiology**     **Kothari R**  
CME on Leprosy  
MGIMS, Sevagram, 9 Dec 2018
- Kothari R**  
National Symposium on Genetics and Genomics in Human Health and Disease  
MGIMS, Sevagram, 7- 8 Dec 2018
- Psychiatry**     **Mishra KK**  
28th IPS WZB Midterm CME 2018  
Goa, 14-15 Apr 2018
- Mishra KK**  
National Midterm CME 2018  
Orchha, 11-12 Aug 2018
- Mishra KK**  
3rd Global Conference of Biological Psychiatry  
Mumbai, 23-26 Aug 2018
- Mishra KK**  
14th Annual National Conference of the Indian Association of Geriatric Mental Health  
(GERON 2018)  
Chingmeirong, Imphal, Manipur, 8-9 Sep 2018.
- Mishra KK**  
49th ACIPSWZB 2018  
Pune, 12-14 Oct 2018

**Mishra KK**

44th CEZIPS 2018  
Bodhgaya, 26-28 Oct 2018.

**Mishra KK**

10th Annual International Scientific Conference IGPI 2018  
Hyderabad, 29 Nov 2018

**Mishra KK**

19th Annual Conference IAPP  
Hyderabad, 30 Nov-2 Dec 2018

**Gedam S**

VAPCON 2018: Neuro Psychiatry: Basics & Beyond  
Akola, 2-3 Jun 2018

**Gedam S, Sathe H, Saraf A, Joge A**

National CME on Industrial Psychiatry  
MGIMS, Sevagram, 17 Nov 2018

**Gedam S**

CME on Medicolegal Aspects in clinical practice  
MGIMS, Sevagram, 25 Nov 2018

**Gedam S**

71st Annual National Conference of Indian Psychiatric Society ANCIPS-2019  
Lucknow, 31 Jan-3 Feb 2019

**Sathe H**

National Sleep Medicine Course  
Annual National Conference of Indian Society for Sleep Research (ISSR)  
(India Sleep 2018)  
Goa, 21-23 Sep 2018

**Joge A**

4th National PG Conference on Skill Training Exercise for Psychiatry Postgraduates-  
Step 2018.  
TIPPS, Pune, 15-16 Mar 2019

**Radiology****Verma R, Dodke N, Manjare S**

State Annual Conference, MSBIRIACON 2018  
Shirdi, 3-5 Aug 2018

**Tayade AT, Kale SK, Ghodke DD, Patil SS, Dhok A**

CME on Medicolegal Aspects in Clinical Practice  
MGIMS, Sevagram, 25 Nov 2018

**Tayade AT, Kale SK, Patil SS, Ghodke DD, Dhok A, Singh P, Sonia, Preetha K, Bhoyar M, Kynjing D, Telrandhe B, Dodke N, Manjare S, Sood A, More S, Wadhibhasme M**  
CME on Pediatric Imaging  
MGIMS, Sevagram, 9 Dec 2018

**Radiotherapy**

**Vyas V**

International Conference on Multidisciplinary Management of Common Cancers (ONCOLOGY 2018)  
Kochi, 28-30 Sep 2018

**Vyas V**

Best of ASTRO ILBS, New Delhi, 5-6 May 2018

**Vyas V, Kalbande P**

Breast Conclave-2018  
Mumbai, 19-20 May 2018

**Vyas V**

Maharashtra Chapter of AROI  
Aurangabad, 1-2 Sep 2018

**Vyas V**

Imaging & Contouring Demonstration  
Scientific Programme of Senior ICRO-2018 West Zone (Maharashtra Chapter)  
GMC, Nagpur, 6-7 Oct 2018

**Vyas V**

40th Annual Conference AROICON 2018  
Trivandrum, 29 Nov- 2 Dec 2018

**Vyas V**

30th ICRO teaching program on Medical Physics  
Jaipur, 22-23 Dec 2018

**Singh A**

4th Varian Oncology Summit  
New Delhi, 3-4 Aug 2018

**Parida S**

ISNOCON 2018  
New Delhi, 6-8 Apr 2018

**Mittal A, Aher P**

CME on Medicolegal aspects in clinical practice  
MGIMS, Sevagram, 25 Nov 2018

**Surgery**     **Gupta D, Mehra BK, Akulwar A, Kumar K, Rathod V, Singh A, Mewada S**  
CME on Minimal Gastric Bypass  
IGGMC & ASN Nagpur, 30 Sep 2018

**Gupta D, Parmeshwar T, Rathod V, Akulwar A, Kumar K, Mewada S, Yadav A, Sevak R,  
Dhaigude P, Shah J**  
3rd Annual Conference of Vidarbha Surgeons Association  
Yavatmal, 26-28 Oct 2018

**Gupta D, Rathod V**  
National Conference of Association of Rural Surgeons of India  
Chiplun, Ratnagiri, 23-25 Nov 2018

**Gupta D**  
ASICON-2019, Chennai, 26-30 Dec 2018

**Gupta D**  
MASICON, Aurangabad, 31 Jan-2 Feb 2019

# Workshops/ Meetings/Consultancy

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## **Anatomy**      **Bokariya P**

Workshop on Stereology

3rd Asian and African Stereology Congress, New Delhi, 18-20 Dec 2018

## **Shende MR, Pal AK, Waghmare JE, Wankhede V, Bokariya P, Sontakke BR, Gujar V, Talhar S**

Cadaveric Shoulder Dissection & Arthroscopy Workshop

MGIMS, Sevagram, 23 Sep 2018

## **Anesthesia**      **Jain S**

Training Programme in Palliative Care

MGIMS Sevagram, 4-14 Mar 2019

## **Bhandari D**

Nomenclature and knobology in Mechanical ventilation (*Faculty*)

Non Invasive Ventilation and Weaning (*Faculty*)

Workshop Stations: Trouble shooting in Ventilator, Care of patients on Ventilation (*Resource person*)

18th Annual Internal Medicine Update, GMC, Kozhikode, 11 Jan 2019

## **Bhandari D**

Anesthesia gas monitoring (*Faculty*)

Modern Anesthesia: An insight

ISA Kalyan, 24 Mar 2019.

## **Tidke S, Jain S, Bhandari D, Fulzele M, Lambe A**

Training of Trainers Course

Indian Resuscitation Council, Nagpur, 16 Sep 2018

## **Bhandari D**

Expert group meeting to review existing clinical services provided under Indian Public Health Standards

NHSRC, Ministry of Health and Family Welfare, Bhopal, 4 Aug 2018

## **Bhandari D**

8th Training of trainers workshop for National Emergency Life Support programme (*Faculty*)

Dr RML Hospital, Delhi, 6-10 Aug 2018

**Bhandari D**

Expert committee meeting to frame SOPs and algorithm charts for common emergency conditions

Organised by Department of Emergency Medicine, AIIMS, New Delhi and NHSRC, MOH&FW, GOI. JPN Apex Trauma centre, New Delhi, 13-14 Aug 2018

**KumariP**

Workshop on Nerve Block

Shirdi, 4-7 Oct 2018

**Biochemistry****Kumar S**

Revised Basic Workshop on Medical Education Technology

MCI Nodal Centre, Jawaharlal Nehru Medical College, Sawangi (Meghe), Wardha, 15-17 Jan 2019.

**Kumar S**

AETCOM Workshop

MCI Nodal Centre, Jawaharlal Nehru Medical College, Sawangi (Meghe), Wardha, 17 Jan 2019.

**Kumar S**

Workshop on Curriculum Implementation Support Program (CISP)

MCI Nodal Centre, Jawaharlal Nehru Medical College, Sawangi (Meghe), Wardha, 28 Feb-2 Mar 2019

**Waghmare P**

Workshop on Data Analysis using EPI-Info

Dr Sushila Nayar School of Public Health, MGIMS, Sevagram, 28 Aug-1 Sep 2018.

**Kumar S**

National Bioinformatics Meeting

Department of Biotechnology (DBT), Ministry of Science & Technology (MoS&T), Govt of India (GOI), ICGEB, New Delhi, 29 Aug 2018

**Kumar S**

UGC Projects review meeting

Department of Biotechnology, Sant Gadge Baba Amravati University, Amravati, 29 Sep 2018.

**Community Medicine Garg BS**

Anniversary Meeting of Medical School of International Health,

Ben Gurion University, Beer Sheva, Israel, 24-26 Oct 2018

**Garg BS**

Symposium on Gandhi and Health @150 (*Guest Speaker*)

ICMR, New Delhi, 25-26 Mar 2019

**Mehendale AM**

Symposium on Centenary of Medical Education and Healthcare Services (*Special Invitee*)  
CMC, Vellore, 8-9 Oct 2018.

**Mehendale AM**

DRC Meeting  
DMIMS(Deemed to be University),Nagpur 23 Oct 2018

**Gupta SS**

Meeting to develop Guidelines for Early Childhood Development  
Chateau de Penthes, WHO, Geneva, Switzerland, 1- 3 May 2018

**Gupta SS**

Care for Child Development: from evidence to scaling-up (*Guest lecture*)  
Workshop on Early Childhood Development  
National Gender Centre (NGC), Lal Bahadur Shastri National Academy of  
Administration (LBSNAA), Mussoorie, 29-31 Oct 2018

**Gupta SS**

Partners' meeting for UNICEF ECD Project  
UNICEF Mumbai, 17 Oct 2018

**Gupta SS**

Consultative meeting on Early growth failure and SAM in infancy  
Society for Applied Studies, Essex Farm, New Delhi, 23-24 Oct 2018

**Maliye C, Raut AV**

Behavior Change Communication Training for Early Childhood Development  
Pune, 13-14 Mar 2019

**Bharambe MS**

Workshop on Data analysis using EPI-Info for MPH Students (*Resource person*)  
Institute of Public Health, Kalyani, 10-12 Oct 2018.

**Bharambe MS**

Regression Analysis for MPH Students (*Resource person*)  
Institute of Public Health, Kalyani, 9 Oct 2018.

**Raut A**

Pre-conference workshop on Developing Study Skills for Students (*Resource person*)  
NCHPE 2018, Nagpur, 15 Nov 2018

**Kalantri A**

Training of field workers of Save theChildren for data collection using KoBo under the  
ECD project. (*Resource person*)  
Pune, 21-22 Nov 2018

- Dermatology**     **Jain S**  
Workshop on Theatre of the Oppressed  
National Conference on Health Professions Education, Nagpur, 15 Nov 2018.
- Bonde P, Sonkusale P**  
Workshop on Basic Suturing techniques  
Nagpur, 23 Nov 2018
- Library**            **Kamble V, Lohe M**  
Users Training and Awareness programme for access / download articles from e-journals  
subscribed for ERMED consortium  
LokmanyaTilakMunicipal Medical College, Mumbai, 23 Apr 2018
- Vairagade VW**  
Conference on Electronics Resources in Medicine (ERMED): Digital Health India: Reality  
National Medical Library, Directorate General of Health Services, MoHFW,  
New Delhi, 2-3 May 2018
- Medicine**         **Saxena A**  
BOS meeting  
MUHS Nashik, 13 Mar 2019
- Taksande B**  
Meeting of Antimicrobial Stewardship Programme  
ICMR, Delhi, 19 Nov 2018
- Jain J**  
AETCOM Revised Basic Workshop  
JNMC Sawangi, 15-17 Jan2019
- Jain J**  
2nd Curriculum Implementation Support Programme  
MCI Nodal Centre for National Faculty Development, Jawaharlal Nehru Medical College,  
Sawangi (Meghe) Wardha,12-14 Mar 2019
- Saxena A**  
CME and Workshop on Recent advances in Diabetes and Diabetic Retinopathy  
MGIMS Sevagram, 18 Nov 2018
- Microbiology**    **Deotale V**  
9th Revised Basic Course in Medical Education Technology  
MCI Nodal Centre for National Faculty Development,  
JNMC, Sawangi (Meghe), 15-17 Jan 2019
- Tiwari S**  
Antifungal Susceptibility Workshop  
PGIMER, Chandigarh, 2-4 Apr 2018

**Chhajed V**

Hands-on Training programme on Detection of Zika virus infection by real-time PCR  
NIV, Pune, 24-26 Apr 2018

**Narang R**

Panel discussion on Diagnosis of TB (*Panelist*)  
CME on TB Recent Updates and Road Ahead, IMA, Wardha and TB Department,  
Govt. Hospital, Wardha, 24 Mar 2019

**Narang P, Maraskolhe D**

National hands-on training Workshop on improving lab-based antimicrobial resistance  
in India  
Department of Microbiology, PGIMER, Chandigarh, 2-4 Apr 2018

**Deotale V**

Workshop on WHONET  
Mumbai, 12-13 Jun 2018

**Deotale V, Attal R**

Anti-Microbial Resistance Project Meeting  
ICMR, New Delhi, 7 May 2018

**Deotale V, Attal R**

ICMR Project Meeting  
AIIMS, New Delhi, 9 Aug 2018

**Narang R**

Task Force Meeting on Zoonosis  
ICMR New Delhi, 24 May 2018

**Narang R**

Expert Consultation Meeting on One Health  
National Agricultural Science Complex (NASC), Pusa Campus, New Delhi, 29 Jun 2018

**Narang R**

State Task force meeting on Tuberculosis under RNTCP  
MGM Medical College & Hospital, Aurangabad, 17 Jan 2019

**Narang R**

IAMM AMR Containment Initiative Meeting  
New Delhi, 21 Jan 2019

**Thamke D**

Kayakalp peer review of RIMS Imphal  
Imphal, 12-13 Nov 2018

**Obstetrics and  
Gynecology**

**Jain S**

Constitution of task force to develop operational guidelines for primary care in RMNCH+A  
New Delhi, 13-15 Sep 2018

**Jain S**

Workshop on National Training for trainer for roll out of LaQshya Improvement Cycle  
New Delhi, 14-16 Oct2018

**Tembhare A**

Regional Training of Trainers for roll out of LaQshya Quality Improvement Cycles  
Ministry of Health and Family Welfare, GOI, WHO, UNICEF, NQOCN, NHSRC  
New Delhi, 15-16 Nov 2018

**Shivkumar PV, Shelke S**

ESM-UBT Partner Forum 2018  
Ministry of Health and Family Welfare, Government of India, New Delhi 11-13 Dec 2018

**Shivkumar PV**

2nd Regional TOT for roll out of LaQshya Quality Improvement Cycle  
KGMC, Lucknow, 16-19 Jan 2019

**Jain S**

Workshop on training to build capacity of obstetricians to undertake quality cycle described in the LaQshya Initiative  
New Delhi, 21-22 Jan 2019

**Shivkumar PV**

Observership for HDU/ICU  
Unidad de Alta Complejidad, ObstetricsCali, Colombia, 23 Mar- 17 Apr 2019

**Chhabra S**

Meeting of MaatHRI  
Organized by Oxford University, UK and Shrimanta Shankaradeva University, Guwahati, 18 Jun 2018

**Jain S**

1st meeting for Revision of the EmOC and BEmOC Training Curriculum  
Queen Mary Hospital, KGMU, Lucknow, 24-27 Jun 2018

**Shivkumar PV**

2nd Expert Group meeting for Revision of the EmOC curriculum  
Lucknow, 8-10 Aug 2018

**Shivkumar PV**

Expert group meeting and Workshop on receiving from emergency and triage management  
New Delhi, 18-19 Sep 2018

**Chhabra S**

Expert Group Meeting  
ICMR, New Delhi, 25-26 Oct 2018

**Tembhare A**

Core group meeting for revision of EmOC Curriculum  
NHSRC-Govt. of India and KGMU Lucknow. Ministry of Health and Family Welfare GOI,  
UNICEF, KGMU Lucknow, 3-4 Nov 2018

**Tembhare A**

Task for meeting on RMNCH+A in CPHC  
Ministry of Health and Family Welfare, New Delhi, 20 Nov 2018

**Chhabra S**

Scientific Advisory Committee Meeting under NIRRH-ICMR  
Mumbai, 28-29 Nov 2018

**Shivkumar PV**

Expert meeting for review the specification of equipment for labour ward & SNCU  
NHSRC-Govt. of India, New Delhi, 5 Dec 2018

**Shivkumar PV**

Dissemination meeting on ANM Skill building project of Government of India  
New Delhi, 12 Jan 2019

**Shivkumar PV**

BIRAC project meeting  
Satna Panna, 9 Mar 2019

**Shivkumar PV, Jain S**

CME & Workshop on Recent advances in Diabetes and Diabetic Retinopathy  
Department of Medicine & Ophthalmology, MGIMS, Sevagram, 18 Nov 2018

**Shivkumar PV, Shelke S**

Workshop on Cardiopulmonary Resuscitation  
Dept of Anesthesiology, MGIMS, Sevagram, 16-17 Dec 2018

**Jain S, Shelke S**

Hands on Workshop on NCV, EMG and its clinical significance  
Department of Physiology, MGIMS, Sevagram, 11 Jan 2019

**Chhabra S**

Workshop on Camp approach for healthcare  
15th World Rural Health Conference, New Delhi, 26-29 Apr 2018

**Chhabra S**

Workshop on Preconception/Periconception literacy care for healthy newborn with safe future  
17th Annual World Congress on Neonatology Conference Series LLC Vancouver, Canada, 26-30 Jun 2018

**Chhabra S, Tayade S**

WHTF- Women's Health Task Force business meeting  
GHETS- The Network towards Unity, Limerick, Ireland, 14-23 Aug 2018

**Chhabra S, Tayade S**

Workshop on Women Empowerment  
GHETS- The Network towards Unity, Limerick, Ireland, 14-23 Aug 2018

**Tayade S**

Workshop on Pelvic Anatomy (*Faculty*)  
Annual Conference of All Mahabaleshwar OBGY Society,  
Mahabaleshwar, 7-9 Feb 2019

**Shelke S**

FOGSI Lead assessors training  
Gupte Hospital, Pune, 26 Feb 2019

**Ophthalmology****Shukla AK**

Diabetic Retinopathy Steering committee meeting  
Hyderabad, 4 Dec 2018

**Bang P**

Meeting on Corneal Distribution System Management software training  
Pune, 27 Mar 2019

**Bang P**

Clinical Skills Workshop  
Ophthalmological Society, Nagpur (OSN), NKP Salve Institute of Medical Sciences,  
Lata Mangeshkar Hospital, Nagpur, 8 Jul 2018

**Orthopedics****Medhi M, Mote G, Zabeeh A, Nagalwade S, Pawan S, Wankhede A, Waghela AB**

Workshop & Live Surgery on Fracture Clavicle  
Amravati, 12 Aug 2018

**Patond KR**

CME and Workshop on Recent advances in Diabetic and Diabetic Retinopathy  
MGIMS Sevagram, 18 Nov 2018

**Medhi M, Mote G, Chaudhari J, Nagalwade S, Waghela A**

Advance Trauma Course on Tibial Condylar Injuries  
Nagpur, 26 Aug 2018

**Mote G, Chaudhari J, Wankhede A, Rathod R**

Basic Workshop on Spinal Fixation  
JNMC, Sawangi, 4 Aug 2018

**Badole CM**

Post Graduate Instructional Course of Indian Orthopedics Association (*Faculty*)  
JNMC, Sawangi, 1-2 Oct 2018

**Roy S, Tyagi D, Wankhede A**

Post Graduate Instructional Course of Indian Orthopedics Association  
JNMC, Sawangi, 1-2 Oct 2018

**Patond KR**

Workshop on Total hip replacement basic operative work (*Faculty*)  
Department of Orthopedics, GMC Nagpur, 22 Nov 2018

**Badole CM, Tyagi D**

Workshop on Total Hip and Total Knee replacement  
Sawangi Meghe, Wardha, 17 Jan 2019

**Badole CM, Wandile K, Medhi M, Chaudhari J, Mote G, Padmawar S, Nagalwade S, Tyagi D, Salwe G, Rathod R, Pawra S, Wankhede A, Waghela A**

CME & Workshop on Pain Mechanisms and Management & Workshop on  
Interventional Pain Management  
MGIMS, Sevagram, 17 Mar 2019

**Waghela A**

KEM Orthopedics PG foundation course  
KEM Hospital, Mumbai, 2-4 Nov 2018

**Patond KR**

Workshop and CME on High tibia osteotomy (*Faculty*)  
NKPSIMS & LMH Nagpur, 9 Dec 2018

**Pathology**

**Anshu, Gupta SS, Raut AV**

Preconference Workshop on Developing Good Study Skills (*Faculty*)  
National Conference of Health Professions Education (NCHPE 2018),  
NKP Salve Institute of Medical Sciences, Nagpur 15-17 Nov 2018

**Anshu**

Training of Trainers Workshop on Curriculum Mapping. (*Guest faculty*)  
University Centre for Professional Education and Faculty Development,  
Dr DY Patil Vidyapeeth, Pune, 22 Oct 2018

**Anshu**

Training Workshop on Curriculum Development (*Faculty and Resource person*)  
CMET, AIIMS Bhopal, 31 Aug 2018

**Anshu**

Disarming Dialogues: SPEAK (Stories of Professionalism and Ethics as an Approach to Knowing), Workshop on Medical Humanities, University of Chicago Centre, New Delhi, 4 Oct 2018

**Anshu**

Meeting of Editorial Board of Indian Journal of Pathology and Microbiology, APCON 2018, Annual Conference of Indian Association of Pathologists and Microbiologists, Rohilkhand Medical College, Bareilly, 30 Nov 2018

**Deshmukh A, Shirbhate P, Gulhane P, Fulzele N, Watti, A, Vaidya V, Kotalwar K, Bhutia D, Hagone S.**

Cadaveric shoulder dissection and arthroscopy workshop  
MGIMS, Sevagram, 23 Sep 2018

**Deshmukh A, Gawai S**

CME & Workshop on Recent Advances in Diabetes and Diabetic Retinopathy  
MGIMS, Sevagram, 18 Nov 2018

**Pediatrics****Jategaonkar S**

Trainers Certificate Course in Emotional Intelligence  
EQUIP KIDS, Thane, 26-30 May 2018

**Chauhan V, Jategaonkar S**

Workshop on Stress management through Yoga.  
Arogyadham, Sevagram, 16 Jun 2018

**Jategaonkar S**

Certificate course in immunisation  
AAP (CCIP-AAP) – Interactive Module of Vaccinology, at Jupiter Hospital,  
Thane, 23-24 Jun 2018

**Chauhan V, Jategaonkar S**

Quality Improvement workshop for improving the quality of hospital care for  
maternal and neonatal health  
MGIMS, Sevagram, 29– 30 Jul 2018

**Jain M, Bang A**

Indian Academy of Pediatrics Advanced Life Support Workshop (*Faculty*)  
Panvel, 18-19 Aug 2018

**Jain M, Bang A**

Training of Trainers on Point of Care Quality Improvement workshop (*Faculty*)  
Pune, 20 Aug 2018

**Jategaonkar S**

Essential Pediatric Intensive Care workshop, Thane, 7 Sep 2018

**Bang A**

Workshop on Simulation based learning for improving Preterm baby care using  
Point of Care Quality Improvement approach (*Faculty*)  
AIIMS, New Delhi, 19-20 Nov 2018

**Chauhan V**

CME and hands on workshop o NCV, EMG and its clinical application  
Dept. of Physiology, MGIMS, Sevagram, 11 Jan 2019

**Bang A**

11th Annual IAP – NNF Advanced Neonatal Resuscitation TOT (*Faculty*)  
Mumbai, 5-6 Feb 2019

**Bang A**

Govt of India's Technical consultation meeting on drafting guidelines and SOPs  
for Emergency Department of district hospitals  
New Delhi, 3 Aug 2018

**Bang A**

Govt of India's Technical consultation meeting on drafting guidelines and SOPs  
for Emergency Department of district hospitals  
New Delhi, 13-14 Aug 2018

**Jain M, Bang A, Chauhan V, Jategaonkar S**

Experience sharing meeting on Point of Care Quality Improvement Projects under  
NQOCN's Hub-and-spoke model  
MGIMS, Sevagram, 30 Nov 2018

**Bang A**

NHM & NHSRC Equipment specifications review meeting for labor ward & SNCU  
New Delhi, 5 Dec 2018

**Bang A**

NHM & NHSRC Equipment specifications review meeting for labor ward & SNCU  
Gwalior, 31 Mar 2019

**Bang A**

IAP NNF Neonatal Resuscitation Program Zonal and State Coordinators' Meeting  
Mumbai, 8 Feb 2019

**Pharmacology****Kale R**

Workshop on Stress management through Yoga  
Arogyadham, Sevagram, 16 Jun 2018

**Kale R**

Workshop on Theatre of the Oppressed: The Road to Empathy  
10th National Conference on Health Professions Education (NCHPE 18), NKP Salve  
Institute of Medical Sciences, Nagpur, 15 Nov 2018

**Gosavi D**

Interactive training Workshop on Good Clinical Practice and Regulatory Updates  
Institutional Ethics Committee, GMC Nagpur & Q Red, Nagpur, 14 Oct 2018

**Pethe M**

CME & Workshop on Recent Advances in Diabetes and Diabetic Retinopathy  
MGIMS Sevagram, 18 Nov 2018

**Pethe M**

Workshop on Quality assurance for achieving sustainable health sciences education development  
MUHS Nashik, 15 Oct 2018

**Varma SK, Gosavi D, Pandhare S**

CME and Hands on workshop on NCV, EMG and its clinical applications  
MGIMS, Sevagram, 11 Jan 2019

**Gorjelwar P, Rajput A**

Workshop on Drug Discovery and Development  
Mumbai, 9 Feb 2019

**Gorjelwar P, Rajput A**

Workshop on Good Clinical Practice (GCP)  
Seth GS Medical College & KEM Hospital, 10 Feb 2019

**Gorjelwar P, Rajput A**

PHARMATECH -2019  
Seth GS Medical College & KEM Hospital, 7-16 Feb 2019

**Chimurkar L, Rajput A, Pandhare S, Gorgelwar P, Anjum A**

Indian Association of Dermatologists, Venerologists & Leprologists Clinical Meet  
MGIMS, Sevagram, 9 Dec 2018

**Physiology****Kothari R**

Pre-conference Workshop on Teaching the Digital way using data acquisition system  
Dept. of Physiology, ESIC Medical College, Hyderabad, 14 Sep 2018

**Kothari R**

Pre-conference Workshop on Nerve conduction studies  
Neurophysiology Laboratory, Dept. of Physiology, ESIC Medical College,  
Hyderabad, 14 Sep 2018

**Kothari R**

Pre-conference Workshop on Sports and Respiratory Physiology  
Sports Laboratory, Dept. of Physiology, ESIC Medical College, Hyderabad, 14 Sep 2018

**Kothari R.**

Pre-conference Workshop on Autonomic Function Testing  
Autonomic Function Laboratory, Dept. of Physiology, ESIC Medical College,  
Hyderabad, 14 Sep 2018

**Kothari R, Shende V, Bansod N, Pajai S.**

CME & Hands on workshop on NCV & EMG & its clinical applications  
Dept. of Physiology, MGIMS, 11 Jan 2019

**Pawar S**

Workshop on Stress Management through Yoga  
MGIMS, Sevagram, 16 Jun 2018

**Radiology****Dhok A**

FETOMEET 2018 Workshop & Conference of IMA Nagpur Branch & Society of Fetal Medicine (Vidarbha Chapter)  
Nagpur, 1-2 Sep 2018

**Tayade AT, Kale SK, Patil SS, Ghodke DD, Dhok A, Singh P, Sonia, Preetha K, Bhoyar M, Kynjing D, Telrandhe B, Dodke N, Manjare S, Sood A, More S, Wadibhasme M**  
Cadaveric Shoulder Dissection and Arthroscopic Workshop,  
MGIMS, Sevagram, 23 Sep 2018

**Tayade AT, Kale SK, Patil SS, Ghodke DD, Dhok A, Singh P, Sonia, Preetha K, Bhoyar M, Kynjing D, Telrandhe B, Dodke N, Manjare S, Sood A, More S, Wadibhasme M**  
CME & Live Surgical Workshop on Ilizarov's Technique for Lower Limb Fracture  
MGIMS, Sevagram, 29 Sep 2018

**Tayade AT**

Workshop on Improving Mental Health A way to Improve the Industrial output  
MGIMS, Sevagram, 17 Nov 2018

**Tayade AT, Ghodke DD**

CME & Workshop Recent Advances in Diabetes and Diabetic Retinopathy  
MGIMS, Sevagram, 18 Nov 2018

**Verma R, Kynjing D, Manjare S**

17th Hyderabad Annual Radiologic Physics Course  
Hyderabad, 20-22 Jul 2018

**Dhok A**

SSSIHMS-UPenn Hands on Cardiac MR Course 2019  
Sri Sathya Sai Institute of Higher Medical Sciences, Whitefield, Bengaluru, 3-5 Mar 2019

**Radiotherapy****Vyas V**

Imaging and contouring demonstration  
ICRO Senior teaching course  
GMC Nagpur, 6-7 Oct 2018

**Kalbande P**

30th ICRO teaching programme on Medical Physics  
Jaipur, 22-23 Dec 2018

**Surgery****Gupta D**

Workshop on Suture Skill Workshop (*Resource person*)  
Nagpur, 17 Feb 2019

**Gupta D, Mehra BK, Pandey R**

CME/Live Workshop on Metabolic Surgery –Minigastric Bypass (*Resource persons*)  
IGGMC Nagpur, 30 Sep 2018

**Bagate D, Rathod V, Sevak R, Mewada S, Kumar K, Uplenchwar S**

CME/Live Workshop on Metabolic Surgery –Minigastric Bypass  
IGGMC Nagpur, 30 Sep 2018

# MGIMS Academy of Medical Sciences

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<b>Chief Patron</b>	:	Shri Dhiru S Mehta, President, KHS
<b>Patrons</b>	:	Dr BS Garg, Secretary, KHS
	:	Dr NM Gangane, Dean, MGIMS
	:	Dr SP Kalantri, MS, KH
<b>President</b>	:	Dr Rahul Narang
<b>Vice President</b>	:	Dr A Gupta
<b>Secretary</b>	:	Dr D Bhandari
<b>Joint Secretary</b>	:	Dr S Talhar
<b>Treasurer</b>	:	Dr B Patil
<b>Ex Officio President</b>	:	Dr V Vyas
<b>Ex officio Secretary</b>	:	Dr R Kothari
<b>Executive Members</b>	:	Dr S Tidke
	:	Dr P Deshmukh
	:	Dr K Goswami
	:	Dr Shuchi Jain
	:	Dr S Rao
	:	Dr I Khandekar
	:	Dr S Jategaonkar
	:	Dr D Garg
	:	Dr V Shende
	:	Dr S Jajoo
<b>PG representatives</b>	:	Dr P Wandile
	:	Dr A Vyas
<b>UG Representative</b>	:	Ms S Chowdhary

This year the following activities were organized by the Academy:

7 Apr 2018

## **World Health Day Celebrations - Universal Health Coverage**

Presentations from Department of Community Medicine

- **Universal health coverage: everyone, everywhere**  
Dr AM Mehendale
- **Essentials of Universal health coverage**  
Dr PR Deshmukh
- **Universal health coverage in India – current situation and way forward**  
Dr Abhishek Raut
- **Best practices from across the globe**  
Dr Ranjan Solanki
- **Monitoring progress towards Universal Health Coverage at global and country level**  
Dr Anuj Mundra

21 Jun 2018

### **International Yoga Day**

Presentations from faculty and students of MGIMS

- **Yoga: A way to healthy life**  
Dr OP Gupta
- **Physiological Aspects of Yoga**  
Dr Ruchi Kothari
- **Practical session on Breath Awareness Meditation**  
Dr Anuradha Khandekar
- **Evidence Based Yoga**  
Dr Ranjan Solanki
- **Relationship of Yoga with stress encountered by medical students**  
Dr Akshay Yadav

29 Jun 2018

### **Paradigm Shift in Bone Biopsies**

Dr Abhay Manchanda, Professor, Orthopedics and Incharge, Orthopedics Oncology cell, Index Medical College, Bhopal

8 Aug 2018

### **World Breast feeding week**

Presentations from Dept of Pediatrics

- **World Breast Feeding Week**  
Dr Shridhar S Jadhav
- **Recent Trends in breast feeding**  
Dr Payal Meshram
- **Breast feeding promotion-a social responsibility**  
Dr Vibha Dubey

19 Sep 2018

### **Sensitization on Measles Mumps and Rubella vaccination drive**

Dr Dilip Deshmukh, Rapid Response Team Member of WHO along with Department of Community Medicine & Academy of Medical Sciences conducted sensitization session for MGIMS staff

01 Oct 2018

### **MGIMS Bioethics Unit team's presentations**

Dr Nishant Bansod, Dr Jwalant Waghmare, Dr Sameer Yelwatkar, Dr Leena Chimurkar & team of Bioethics unit

- Introduction about the MGIMS Bioethics Unit and Students' Wing
- Team and aim
- Activities undertaken in the past
- A brief overview of the activities conducted in the year 2017-18
- Feedback and their experience working as a team
- Future plans
- Case discussions with an ethical dilemma

16 Oct 2018

**World Anesthesia day and Sensitization to Indian CPR Guidelines**

Presentation by Dept of Anesthesia

- **Compression only Life Support**  
Dr Mrinalini Fulzele
- **Basic Cardiac Life Support**  
Dr Sucheta Tidke
- **Comprehensive Cardiac Life Support**  
Dr Sudha Jain

12 Dec 2019

**Sushrut Awards (Final Round)**

- **Accuracy of GeneXpert MTB/RIF assay for detection of Tubercular Pleural Effusion**  
Dr Pooja Jadhao, Medicine
- **Prospective study of spectrum of respiratory distress in the newborns in rural medical College of Central India**  
Dr Minal Ambade, Pediatrics
- **A comparative study between routine and rapid microwave tissue processing & staining using a Kitchen microwave oven in histopathology laboratory**  
Dr Pranav Shirbhate, Pathology
- **Diagnostic accuracy of electrocardiogram in detecting the culprit coronary in acute ST elevated myocardial infarction**  
Dr Preetam Salunkhe, Medicine
- **Anion gap and serum lactate levels in acute organophosphorus insecticide poisoning**  
Dr Neeraj Dodake, Medicine
- **Accuracy of bedside physical examination in distinguishing different types of shock**  
Dr Mansee Bhagat, Medicine

12 Mar 2019

**Integrating Palliative care in mainstream medicine**

Dr MR Rajagopal, Padma Shri awardee (2018) and Director, WHO Collaborating Center for Policy and Training on Access to Pain Relief, Trivandrum, Kerala and Founder-chairman, "Pallium India"

26 Mar 2019

**Dr Sushila Nayar Memorial Award for Undergraduate Research 2018-19**

Award category submissions for oral presentation

- **Influence of body shape index on heart rate variability in athletes**  
Snigdha Sharma, 2016
- **'When', 'What' and 'How' of complementary feeding: a mixed methods cross sectional study from a rural medical college in central India**  
Priyanka Joshi, 2015
- **Effect of SMS based daily messages on child parent interaction-a quasi-experimental study**  
Cheryl Mankar, 2016

- **In vitro antibacterial activity of extract of Rose and *Hibiscus rosa-sinensis* against Escherichia coli (E. coli) isolated from clinical samples**  
Prachi Siddharth Kamble, 2016
- **In vitro detection of virulence factors of *Candida albicans* and non-albicans *Candida* species isolated from the samples in ICU patients**  
Sakshi Chandak, 2016
- **Audit for endocrine assay in a rural tertiary care centre: clinical chemistry lab perspective**  
Shreya Namjoshi, Mimansa Dixit, 2016
- **Study of visual evoked potentials in school children - a potential aid to pediatric ophthalmology**  
Sujay Srivastava, 2016
- **Diagnostic accuracy of clinical signs in diagnosing type of anemia**  
Ayushi Sethi, 2016
- **Understanding the health needs of elderly people in rural Wardha, Central India: A qualitative study**  
Akanksha Nath, Shabbir Gheewala, 2018

Non-award category submissions for poster presentation

- **Study of VO<sub>2</sub> max in athletes upon exercise on treadmill and cycle ergometer as assessed in sports physiology laboratory**  
Sujay Srivastava, 2016
- **Diabetes, depression and quality of life among elderly: An observational cross sectional study from a tertiary care hospital in central India**  
Cheryl Mankar, 2016
- **Demographics, clinical presentation, complications and outcomes of scrub typhus in central India in a tertiary care teaching hospital: A retrospective analysis of hospital based data**  
Yashika Kotla, 2016
- **Family society and health system support for women with breast cancer in rural India**  
Sneha Yadav, 2016
- **Psychological wellbeing of medical students of Mahatma Gandhi Institute of Medical Sciences**  
Snigdha Sharma, 2016

27 Mar 2019

#### **World TB Day 2019**

- **Technical and Operational Guidelines of RNTCP**  
Dr Apurva Kulkarni, Medicine
- **Diagnosis and treatment of Pediatric TB**  
Dr Anurag Chandel, Pediatrics
- **Diagnosis and treatment of Extra pulmonary TB**  
Dr Sohank Mewada, Surgery
- **Diagnosis and treatment of disease with NTM**  
Dr Debasree Saha, Microbiology
- **Tuberculosis of bones and Joints**  
Dr Deepak Tyagi, Orthopedics

# Medical Education Unit

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The Medical Education Unit was formally started in 1994 as per the MCI guidelines. This unit provides in-house training to faculty, postgraduates, interns and students on various teaching learning modules, research methodology, medical humanities, communication skills, e-learning etc. In view of the curriculum reforms introduced by the Medical Council of India, the medical education unit plays a key role in training and leading curricular change. A Clinical Skills Laboratory has been developed for innovative teaching of clinical skills to students.

## Faculty

Dr NM Gangane	:	Dean and Honorary Director
Dr A Gupta	:	Coordinator
Dr Anshu	:	Joint Coordinator
Dr PV Shivkumar	:	Member
Dr AM Mehendale	:	Member
Dr V Deotale	:	Member
Dr S Kumar	:	Member
Dr SS Gupta	:	Member
Dr S Singh	:	Member
Dr VB Shivkumar	:	Member
Dr SA Tayade	:	Member
Dr S Jain	:	Member
Dr CH Maliye	:	Member
Dr JE Waghmare	:	Member
Dr R Kothari	:	Member

Several subgroups have been formed to look after specific areas:

### MEU Subgroup on Personal and Professional Development

Dr S Singh, Dr A Gupta, Dr Anshu, Dr IL Khandekar, Dr AV Raut, Dr SS Gupta (Coordinator)

### MEU Subgroup for Skills Lab

Dr PV Shivkumar, Dr S Tayade, Dr A Bang, Dr V Jain, Dr D Bhandari, Dr S Rao, Dr V Chauhan, Dr N Bansod, Dr V Shende, Mrs N Walokar, Mrs P Wandile, Mrs JJ Pradhan, Dr Anshu (Coordinator)

### MEU Subgroup for E-learning

Dr Anshu, Dr P Hingorani-Bang, Dr A Bang, Dr A Gupta, Dr S Singh, Dr A Tayade, Dr S Tayade, Dr V Jain, Dr AV Raut, Dr S Jain, Dr JE Waghmare, Dr SS Gupta (Coordinator)

The following faculty members have received or are pursuing fellowships from FAIMER (Foundation for Advancement of International Medical Education and Research) Regional Institutes.

Dr Anshu	:	CMCL-FAIMER Regional Institute 2007,FAIMER Institute Philadelphia 2009
Dr SS Gupta	:	PSG-FAIMER Regional Institute 2007
Dr S Singh	:	GSMC-FAIMER Regional Institute 2007
Dr A Gupta	:	GSMC-FAIMER Regional Institute 2007
Dr CH Maliye	:	PSG-FAIMER Regional Institute 2010
Dr V Deotale	:	PSG-FAIMER Regional Institute 2013
Dr SA Tayade	:	PSG-FAIMER Regional Institute 2013
Dr Bharati Taksande	:	GSMC-FAIMER Regional Institute 2014
Dr Vishakha Jain	:	GSMC-FAIMER Regional Institute 2017

Dr Anshu has completed her Masters in Health Professions Education from Maastricht University. Dr A Gupta completed her Masters in Health Professions Education from Keele University. Dr Anshu is faculty for GSMC,CMCL, PSG FAIMER regional institutes.Dr Smita Singh is faculty and resource person for GSMC-FAIMER Regional Institute, Mumbai.

Several members have completed or are pursuing Advanced Course in Medical Education. These have been listed in the section on Courses Completed.

#### **Activities organized**

MEU members conducted sessions on **Developing Good Study Skills** during the Orientation Camp of I MBBS students (2018 batch) from 11-15 September 2018

##### **Anshu, Hingorani-Bang P, Deshmukh A**

Knowing how you learn

##### **Anshu**

Why do I forget what I study?

##### **Gupta A, Raut A, Gupta SS**

Personal and professional development

##### **Deshmukh A**

Speed reading

##### **Anshu**

Cornell note taking

##### **Raut AV, Goswami S, Gupta SS**

Concept maps

Learning in teams

# Research Methodology Workshops

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## Basic Workshop in Research Methodology for postgraduates and faculty

<b>Date</b>	:	23 – 28 Jul 2018
<b>Coordinator</b>	:	Dr SS Gupta
<b>Resource persons</b>	:	Dr BS Garg, Dr PV Shivkumar, Dr SS Gupta, Dr Anshu, Dr R Narang, Dr BK Mehra, Dr C Maliye, Dr A Bang, Dr Shuchi Jain, Dr V Jain, Dr AV Raut, Mr MS Bharambe, Dr A Kalantri, Dr A Ambilkar, Dr A Mundra, Dr S Goswami
<b>Key topics</b>	:	Introduction to Research Methodology, How to write good research questions, Study designs, Qualitative Research Methods, Literature search, Data presentation, Sampling: methods and sample size, Computer assistance in data entry, Inferential statistics, Evaluation of a diagnostic test, Critical evaluation of a journal article, Ethical issues in medical research
<b>Number of participants</b>	:	Faculty members – 3, Post-graduate students –29
<b>Name of participants</b>	:	Dr S Jategaonkar, Dr DD Ghodke, Dr AV Akulwar, Dr A Shirsat, Dr S Kolhe, Dr YR Adhau, Dr D Choudhary, Dr NV Bhosale, Dr NT Rathi, Dr AK. Sawant , Dr AA Rajput, Dr BM Gade, Dr Sarinkumar PS, Dr SS Pandhari, Dr A Sood, Dr R Kakade, Dr NP Chavhan, Dr SB Bansode, Dr R Rathod, Dr DO Bhutia, Dr SD Hagone, Dr VA Dhake, Dr SP Dahake, Dr R Rajani , Dr A Purohit, Dr Logeshwari P, Dr DD Thokal, Dr PR Dhaigule, Dr Sanjiv Kumar VS, Dr HA Jadhav, Dr S Joshi, Dr BG Agrawal

## Basic Workshop in Research Methodology for postgraduates and faculty

<b>Date</b>	:	30 Jul – 4 Aug 2018
<b>Coordinator</b>	:	Dr SS Gupta
<b>Resource persons</b>	:	Dr BS Garg, Dr PV Shivkumar, Dr SS Gupta, Dr Anshu, Dr R Narang, Dr BK Mehra, Dr C Maliye, Dr A Bang, Dr Shuchi Jain, Dr V Jain, Mr MS Bharambe, Dr A Kalantri, Dr A Ambilkar, Dr A Mundra, Dr S Goswami
<b>Key topics</b>	:	Introduction to Research Methodology, How to write good research questions, Study designs, Qualitative Research Methods, Literature search, Data presentation, Sampling: methods and sample size, Computer assistance in data entry, Inferential statistics, Evaluation of a diagnostic test, Critical evaluation of a journal article, Ethical issues in medical research
<b>Number of participants</b>	:	Faculty members – 1, Post-graduate students - 27
<b>Name of participants</b>	:	Dr AV Raut, Dr M Somkuwar, Dr RS Kolhe, Dr KN Muneshwar, Dr KS Kotalwar, Dr PD Aher, Dr VS Kathale , Dr MF Wadibhasme, Dr Anup Vibhas GB, Dr S Khan, Dr AS Nasre, Dr HK Jadhao, Dr SH Patil, Dr AK Wankhede, Dr NG Rahangadale, Dr P Soni, Dr JS Shah, Dr CB Burri, Dr S More, Dr T Barghare, Dr T Sundarkar, Dr S Page, Dr P Karad, Dr P Ganelwar, Dr V Vaidya, Dr S Patrik, Dr D Salra, Dr S Ganerkar

### **Basic Workshop in Research Methodology for Nursing students and faculty**

**Date** : 10– 12 Dec 2018

**Coordinator** : Dr SS Gupta

**Resource persons** : Mrs. A Ramesh, Dr SS Gupta, Dr Anshu, Dr R Narang, Dr BK Mehra, Dr C Maliye, Dr V Jain, Dr AV Raut, Mr MS Bharambe, Dr A Kalantri, Dr A Mundra, Dr S Goswami, Dr A Jakasania, Ms V Sahare, Mr Muniyandi

**Key topics** : Introduction to Research Methodology, How to write good research questions, Study designs, Qualitative Research Methods, Literature search, Data presentation, Sampling: methods and sample size, Computer assistance in data entry, Inferential statistics, Evaluation of a diagnostic test, Critical evaluation of a journal article, Ethical issues in medical research

**Number of participants** : Nursing faculty member – 1, Nursing students - 29

**Name of participants:** Ms PA Dekate, Ms NA Agashe, Mr SP Alaspure, Ms AM Gardhane, Ms RP Nandurkar, Ms PS Raibole, Ms AG Deodhe, Ms MB Patil, Ms US Suryavanshi, Mr HS Tiple, Ms NH Usendi, Ms PS Dhenge, Ms DD Nitnaware, Ms SS Pati, Ms AR Sakharkar, Ms DS Ughade, Ms PE Chandekar, Ms RG Sukhdan, Ms SS Warghane, Ms KS Sahare, Ms RS Pande, Ms KK Raibole, Ms SI Gaikwad, Ms PG Nimkar, Ms AR Hiwarale, Ms SK Khandare, Mr SW Gawai, Ms DP Ingle, Ms AJ Ram, Mr SJ Thorat

# Students' Council

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Chairman	:	Dr Nitin Gangane
Officer In-charge	:	Dr Satish Kumar
General Secretary	:	Mr Unmesh Rathod

Event/Post	Officer Incharge	Student Incharge
Cultural	Dr Anupama Gupta	Wilfred D'Souza
Sports	Dr Manish Jain	Mrunal Nikhade
NSS	Dr Chetna Maliye	Akash Kathole
Literary	Dr Manisha Atram	Chinmayee Jha
Magazine	Dr Sonia Jain	PS Chithralakshmi
Research	Dr Bhupendra Mehra	Apoorva Potharkar
Ladies Representatives		Sakshi Bankar Parul Dohar
Class Representatives		Ms Shambhavi Chowdhary (2015) Ms Shreya Namjoshi (2016) Ms Suryadev Vrindavanam (2017) Ms Srushti Jadhav (2018)
PTI	Mr GP Bhoware	

## Cultural Activities:

Students of the organizing batch of 2015 (the Alchemists) conducted several cultural events throughout the academic year. The first programme of the year was Aiyanna (meaning Infinity), the introduction party for the new 2018 batch where students showed off their talents. The programme to the institute. As they entered MGIMS in this golden jubilee year these students were aptly nicknamed Aurelites. Mr Girik Rohira and Ms Jasnoor Kaur were also awarded the Mr Fresher and Ms Fresher titles.

On Foundation Day the cultural society was involved in decorating the auditorium with shades of gold and hints of khadi. The three day Ganesh festival followed with the help of 2017 batch. A Sangeet Sandhya was organized for all undergraduate students with antakshari and performances by all the batches.

Dandiya night was also organized, like every year but on a bigger scale this time. The tradition of fete was brought back this year after a gap of five years. As a goodwill gesture, the Student Council donated Rs 15000 from the collective profits of fete, to support underprivileged students to attend the Medical Friends Circle meet.

The Institute's 50th annual Cultural Festival 'Chyrsos 2019' was organized on the KVM School ground this year on 16 and 19 Feb 2019 with performances ranging from dances of all flavours, creative fashion shows, skits and rocking band and orchestra performances. A well applauded skit written and directed by Dr Vedit Panchal under guidance of Dr R Narang and Dr A Gupta presented the inspiring journey of MGIMS from dreams of Gandhiji and Lal Bahadur Shastri to determination and dedication of Dr Sushila Nayar. Fashion shows were at their creative best. A round

based on recycled products was much appreciated. Dances which seemed professionally choreographed, included a dance dedicated to Chatrapati Shivaji Maharaj and the traditions of Maharashtra performed by the students of 2018 batch. Girls from 2017 batch performed an energy packed dance to remember the martyrs of the Pulwama attack. The 2018 batch performed a batch dance at the end of the programme to remember all the great Hollywood and Bollywood artists who influenced our lives in great ways - from Chester Benington (Linkin Park) Stan Lee (Marvel Studios), to Avicii, Michael Jackson, Mohd. Rafi, Charlie Chaplin, Kishore Kumar and many others. The 2015 batch students put up another batch dance to show how fond they have grown of each other and realising that they're performing together for the last time, on this stage. This made for some very emotional moments. The teachers as well, put up an amazing performances including ramp walk and gracious dance moves for the institute to witness. Sargam was organized on the day two in which a lot of students and teachers shared their melodies with audience.

The art exhibition was inaugurated by Dr BS Garg. Students expressed themselves through paintings, sketches, rangolis, photographs, sculptures and other forms of fine arts. Aman Singh, Dhruv Mistry and Chitra bagged the 1st 2nd and 3rd places for painting. For sketching Sayali Gidd and Preksha Wandile were declared 1st and 2nd in sketching. Kalyani Kakde, Prachi Nikose and Apurva Ghodichore received 1st, 2nd & 3rd places for Rangoli. In miscellaneous art category, Eshwar Tupat and Shivam Daheria got first place and Arnav Ramteke stood second.

#### **Literary Activities:**

An intercollegiate debate competition was organized on 10 Sep 2018 in the fond memory of Late Smt. Taradevi, mother of Dr SushilaNayar. The topic of debate was "Should suicide be a criminal offence?". There was enthusiastic participation by speakers for and against the motion from different colleges of Wardha. Dr. Punse, Dr Ravi Mor and Anwar Siddique judged the competition. The MGIMS team comprising of Ms Pinki Maharia and Ms SayaliGidd was adjudged the Best Team and bagged the running trophy.

However the trophy was awarded to the runners up team of Bapurao Deshmukh Engineering College, Sevagram as per the tradition of the hosts not to keep the trophy.

Literary Day was celebrated on the evening of 14th Feb 2018. Students of all batches actively participated in a number of literary events. The off stage events were Easy writing competition, Poster and Poetry competition. The on stage events included Terribly tiny tales, Round of fours, Bright side and Shayarana. Ms ChinmayeeJha and Mr Saahil Manna Nongrum, conducted the rounds, with the support of other members of Students Council.

#### **Sushruta**

The 43rd edition of the college magazine, 'Sushruta' was released on the occasion of Foundation day on 11 Sep 2018 by Chief Guest, Dr Sanjeev Kumar, IAS. The magazine was developed under the guidance of Dr Sonia Jain, edited by Aniruddh Iyengar and other members of the Students' Council.

#### **Sports**

This year, our institute organized a Vidarbha Zone and Mega event inter zonal sports tournament for MUHS Nashik on 23-24 Oct 2018. A total of 29 colleges with 22 coaches and 315 players participated in the tournament. Thirteen of our students participated in the tournament.

Tournaments were organized from 27-28 Oct 2018 where 720 students from six zones participated. Here 36 coaches and team managers, 25 selectors and 50 sports officials also participated. Twelve students from MGIMS were selected for this tournament.

MUHS Nashik organized the Inter Zone Selection Trials for Swimming at Dr Vasantrya Pawar Medical College, Nashik. Chess trials were held at Ayurveda College, Pet Wadgaon, Kolhapur, while badminton trials were held at Manjra Ayurveda College Latur. Table tennis trials were held at Homeopathy College Kolhapur and Lawn tennis at SS College Hadapsar Pune. Our students participated in these selection trials. Six of our students were selected in the MUHS team and were awarded colours.

Ms Prerna Shelke (2017 batch) participated in the All Indian Inter University Swimming Championship at Bangalore Institute of Technology, Bengaluru. Ms Isha Deshpande (2017) and Mr Sagar Misal (2017 batch) were selected for athletics, Mr Abhishek Nadre (2017 batch) was selected for volleyball, Mr Ganesh Sarda (2017 batch) was selected for khokho, while Mr Hrishikesh Dhande (2017 batch) was selected for kabaddi in the MUHS Nashik team. These students participated in the State level inter university tournament, Kridamahotsav 2018 organized by the Hon Governor of Maharashtra at Mumbai University, Mumbai.

Mr Girish Bhoware, Director, Physical Education was selected as Coach and Team Manager of MUHS lawn tennis team for the All India West Zone Inter University tournament at Mohanlal Sukhadia University, Udaipur. He was also Chief Coordinator of MUHS Nashik Teams for the State Level Inter University Tournament 'Kridamahotsav 2018' at Mumbai University. Mumbai. MUHS Nashik also entrusted the following responsibilities to Mr Bhoware: Secretary, Board of Student Welfare (Vidarbha Zone), Member of Best Sports Teacher and Best Sportsperson Award Committee. Member of MUIHS Selection Committee for Swimming. Coordinator of MUHS Nashik inter zone sports tournament and Vidarbha Zone selection trials.

#### **NSS Activities:**

**NSS Special Camp Activity:** The 'NSS Special Camp 2018' for the 2018 batch of medical students of MGIMS, Sevagram was organized from 20 Oct to 2 Nov 2018 at village Mandwa under Anji PHC area. This camp was attended by 100 students of 2018 batch.

**NSS Regular Activities:** The following activities were undertaken under NSS during the year 2018-2019:

**The Red Ribbon Club:** A Red Ribbon club was formed in which all the 100 students of 2018 batch enrolled their names. The students took the pledge to fight against the HIV/ AIDS and also participated in the rally organized for generating the awareness against HIV AIDS and Swachhata.

**Tree plantation activity:** Tree plantation programme was conducted in the village Mandwa. A total of 100 saplings were planted. The students gifted a tree to each of their adopted families. Health education was given to the villagers at household level as well as the community level on swachhata.

# **Dr Sushila Nayar School of Public Health**

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**Director : Dr BS Garg**

The Dr Sushila Nayar School of Public Health (DSNPH) was started on 23 Jan 2007, in response to the National Health Policy 2002, to promote teaching and training of public health in the country. The centre works in partnership with like-minded individuals and institutions so that advocacy and policy research on priority public health issues may be initiated. The school also works in collaboration with the health system to improve accessibility and availability of health care to the marginalized and downtrodden.

## **WHO Collaborative Centre**

The Dr Sushila Nayar School of Public Health has been designated as WHO Collaborative Centre for research and training in Community Based Maternal, Newborn and Child Health from 15 Jul 2009 in recognition of its contribution to the cause of improving maternal, newborn and child health. In July 2017 the WHO Collaborative Centre has been re-designated for a period of four years (2017-2021).

## **Centre for Advanced Research for Community Based Maternal, Newborn and Child Health (ICMR)**

The Dr Sushila Nayar School of Public Health has been designated as Centre for Advanced Research for Community Based Maternal, Newborn and Child Health (ICMR). Two research projects and workshops for capacity building of post-graduates and faculty of medical colleges are on-going:

- a) Central India rural pregnancy cohort
- b) Usage of solar powered portable culture incubator: A feasibility study.
- c) Workshops on Data Analysis using EPI-Info, Qualitative Methods in Health Research, Study Design options in epidemiological research and Capacity building for Medical college faculties in Maternal, Neonatal and Child Health and Nutrition (MNCHN) research.

## **Training Programmes**

The school has undertaken four training programmes for health workforce in Public Health, which are listed under Academic Activities Organized.

## **Future Plans**

The school will contribute through health system strengthening (research and capacity building) on priority issues in Reproductive Health Research through undergraduate and post graduate medical students. The centre will also initiate policy advocacy on the basis of evidence generated from the research on reproductive health research issues.

# Training Provided to External Candidates

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## Biochemistry

### Das KK; Guide: Kumar S

Odisha University of Agriculture and Technology, Bhubaneswar  
Identification of possible drug targets in *Mycobacterium tuberculosis* through biological network analysis.

Date: 2 Feb 2015- 30 Sep 2018

## Ophthalmology

### Kumar S

Eye Surgeon, District Hospital, Balarampur, Uttar Pradesh

Training in Phacosurgery

Trained under National Programme for Control of Blindness and Visual Impairment at MGIMS for District Ophthalmologists in SICS IOL, Phacoemulsification & Medical Retina

1 Sep - 31 Oct 2018

### Gudewar S

Ophthalmic Surgeon, District Hospital, Hingoli

Training in Small Incision Cataract Surgery (SICS)

Trained under National Programme for Control of Blindness & Visual Impairment at MGIMS for District Ophthalmologists in SICS IOL, Phacoemulsification & Medical Retina

1 Nov - 31 Dec 2018

### Katoch J

Eye Surgeon, District Hospital, Balarampur, Uttar Pradesh

Training in Medical Retina and Laser Technique Training

Trained under National Programme for Control of Blindness & Visual Impairment at MGIMS for District Ophthalmologists in SICS IOL, Phacoemulsification & Medical Retina

28 Nov – 21 Feb 2019

### Sahare S

Medical Officer, Daga Hospital, Nagpur

Training in Small Incision Cataract Surgery (SICS)

Trained under National Programme for Control of Blindness & Visual Impairment at MGIMS for District Ophthalmologists in SICS IOL, Phacoemulsification & Medical Retina

5 Jan - 6 Mar 2019

### Ramteke VC , Wargat AS, Tambekar JA, Sarode PM, Gupta A, Wanjari SP, Bobde SD, Nimbalkar A, Kalambe MN, Waghmare R, Darlinge MM

MGIMS Sevagram, CHC Seloo Civil Hospital Wardha

Trained Ophthalmic Assistants in Grading of fundus photographs of known diabetic patients registered at government facilities with a non-mydratiac fundus camera

1 Jan-31 Mar 2018

# Dr APJ Abdul Kalam Library

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Officer In-charge : **Dr Smita Singh**  
Co-officer In charge : **Mrs Bhavana Kalantri**  
Librarian : **Mr VW Vairagade**  
Assisstant Librarian : **Mrs VY Kamble**  
: **Mrs MS Lohe**

On 24 Jul 2018, the Dr APJ Abdul Kalam Library was inaugurated in its new premises. The RG Manudhane Foundation for Excellence, a Mumbai based charitable foundation contributed to the creation of the library through a generous donation. Shri Dhirubhai Mehta, President, KHS inaugurated the library in the presence of faculty, staff and students. It took two years to design, construct, decorate and equip the library. The library's exterior, based on the Golden Ratio, brings positive energy to the cosmos, while its open, light-filled interior meets the needs of a modern library

The state-of-the-art library is housed in the building where the Department of Obstetrics and Gynecology functioned earlier for almost four decades. Spread across 16000 square feet, the library features a waiting area, lounge chairs, sofas and cushioned tiered reading spaces for 225 undergraduate students, 100 postgraduate students and 75 faculty members. In addition to 50,000 journals and books, the library also hosts an audio-visual room, a group discussion room, a 50-seat computer section, reprography area, areas for study, secure archival storage for books, theses and journals and a cafeteria. It also provides enough lockers for students to preserve their belongings. The entire area is wi-fi enabled.

The Central Library plays a vital role in the collection, development and dissemination of medical, scientific and technical information to meet the present and future needs of the departments of the Institute. The aim of college central library is to become an instrument of information and an integral

part of the teaching programme. Thus the basic function of the library is to assist every department to carry its programme and adequately serve the information needs and requirements of the faculty members, research scholars, postgraduates and undergraduates. All the members can make full use of its resources and services.

This year the library subscribed to 136 medical journals; 63 of them being international journals with 18 e-journals (3 free with print) having very high impact factor such as Lancet, New England Journal of Medicine, JAMA, Annals of Internal Medicine, BMJ and Archives of Internal Medicine, and 73 national journals. In addition, the National Medical Library, DGHS, New Delhi facilitated 239+ high impact e-journals (International) through ERMED Consortium under a single gateway. In addition, the library has subscribed to digital resources like Uptodate.com & DELNET library consortium as well as 2074 e-resources of the Digital Library of Maharashtra University of Health Sciences, Nashik. The existing stock is of 30274 books which include reference books and e-books of each specialty as well as a robust fiction section for our young and old readers.

### **Digital Library Usage Statistics -**

The internet section has a fast broadband service of speed 1 Gbps and approximately, 26 computers linked with this free Internet access are provided to the members. The library has also carefully archived old journals- a total of 18160 hard-bound journals, neatly stacked, occupy the shelves of the library. The journals

are alphabetically arranged. Although several journals date as far back as 1960, they can be easily accessed. The books are classified according to the DDC system and catalogued according to AACR II system. Since 1992, the library has been identified as a resource library in Western India within HELLIS Network.

The membership of the library is open to MGIMS students and faculty and also to the supporting staff of the Kasturba Health Society. Members can borrow books and journals and retain them for a fortnight. The library offers an alluring ambience to

bibliophiles. They can comfortably browse through the rich reading material available in the clean and uncluttered library and can even charge their laptop batteries on the reading desks of the library.

The library offers access of free internet services, and houses photocopy machines. It liaises with National Medical Library, DGHS, New Delhi and delivers hard copies of articles, not available in the library for a small fee. Socially disadvantaged students can get free text books from the library through various schemes and a unique "Earn & Learn Scheme" was introduced in collaboration with MUHS, Nashik.

### Budget (2018 – 2019)

Books (expenditure)	: Rs. 8, 06,705
Journals (expenditure)	: Rs. 68, 25,167
Book binding	: Rs. 31,500

<b>Books</b>	: 30274
Books added in the year	: 608
Bound volumes of journals	: 18160
Bound volumes added in the year	: 59

#### JOURNALS

Subscribed	: 136
International (45 print + 18 online)	: 63
E-journals from ERMED Consortium, NML, DGHS, MoHFWNew Delhi	: 239
e-journals	
National (Print 44 + Online 33)	: 73
Complimentary	: 90
CD-ROM	: 1674

#### E-Resources

E-Journals	: 250
E-Books	: 94
Thesis	: 1117
Articles	: 100
Videos & CDs	: 111
Online Databases	: 44

#### RESOURCES AND FACILITIES :

- Up-to-date Online (consult 11000 topics covering 24 specialties)
- ERMED Consortium through National Medical Library, DGHS:239+high Impact e-journals
- Digital Library MUHS Nashik- around 2074 e-resources
- Offers access to I-Net ( 150 beneficiaries)
- Offers MEDLINE Search to faculty and staff
- Offers Reprography facility to all staff and students (10,716 photocopies)
- Offers facility to photocopy research papers
- Arrangement with NML New Delhi for reprographic service
- Lends books to needy students (12 student beneficiaries)
- Provides free books to underprivileged students (3 student beneficiaries Social Welfare Dept., Gol Book Bank for SC)
- MUHS Book Bank Scheme (for economically backward students) (18 student beneficiaries)
- Dr Anand Karkhanis Book Bank Scheme (15 student beneficiaries)
- Arranges book exhibitions from different publishers
- WHO Global Publications – 1330



Dean, Dr Nitin Gangane speaking at the inauguration of the CME on Recent Advances in Diabetes and Diabetic Retinopathy



Hands on Training Workshop on Suture techniques conducted by Dept of Surgery



Yoga session being conducted during orientation camp



MGIMS student volunteers providing medical relief in a camp during the Kerala floods

Research serves to make building stones  
out of stumbling blocks.  
- Arthur D Little

“In 2018-19, 32 research projects were funded by national and international agencies. 123 international and national journals featured research articles from MGIMS”.

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# RESEARCH

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# Publications

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## Anatomy

**Pal AK, Ambulkar PS, Waghmare JE, Wankhede V, Shende MR, Tarnekar AM.**  
Chromosomal aberrations in couples with pregnancy loss: A retrospective study.  
*J Hum Reprod Sci* 2018; 11(3):247–253. (PMID: 30568354)

**Hiware SD, Chhapparwal R, Bokariya P, Gujar V, Tarnekar AM, Shende MR.**  
The histological study to correlate the effect of NSAID Ibuprofen on the proportion of epithelial height in the wall of lower respiratory airways.  
*Annals Int Med Dental Res* 2018; 4 (4): 8-14.

**Hiware SD, Gujar V, Bokariya P, Tarnekar AM, Shende MR, Wankhede VR.**  
Effect of use of NSAID-Ibuprofen in prolonged therapeutic doses on mucosa of lower respiratory tract of mice:A histological study.  
*Annals Int Med Dental Res* 2018; 4 (4): 2-7.

**Vaidya YP, Tarnekar AM, Shende MR.**  
Histomorphometric demonstration of the effect of chronic use of nonsteroidal anti-inflammatory drug–ibuprofen on mucosa of small intestine.  
*Anat Cell Biol* 2018; 51:113-118.(PMID:29984056)

**Shyamal A, Bokariya P, Sharma S, Kothari R, Uzzaman A.**  
Effectiveness of group study amongst students of I MBBS students on performance in anatomy.  
*Int J Scientific Res* 2019; 8 (2): 48-50.

**Talhar SS, Tarnekar AM, Sontakke BR, Waghmare JE, Shende MR.**  
Effect of chronic exposure of ibuprofen on cardiac muscle of Swiss albino mice.  
*Global J Res Analysis* 2019; 8(2):72-74.

**Sontakke BR, Ambulkar PS, Talhar S, Shivkumar PV, Bharambe MS, Pal AK.**  
Molecular genetic study to detect prevalence of high-risk human papilloma virus strains (type 16 and 18) in cervical lesions and asymptomatic healthy subjects of rural central India.  
*J Cytol* 2019; 36:32-7.

**Talhar SS, Ambulkar PS, Sontakke BR, Waghmare PJ, Shende MR, Pal AK, Narang P.**  
Oxidative stress and its impact on mitochondrial DNA in pulmonary tuberculosis patients: A pilot study.  
*Indian J Tuberculosis* 2019;66(2):227-233. (PMID:31151489)

**Shukla A, Bokariya P.**

Measurement of orbital dimensions (orbital height, orbital breadth, and length of superior orbital fissure) using dry skulls.  
*JMGIMS* 2019; 24(1):59. (*Abstract Proceedings*)

**Biochemistry**

**Paul R, Ilamaran M, Khatri V, Amdare N, Reddy MVR, Kaliraj P.**

Immunological evaluation of fusion protein of *Brugia malayi* abundant larval protein transcript-2 (BmALT-2) and Tuftsin in experimental mice model.  
*Parasite Epidemiol Control* 2019;4:e00092. doi: 10.1016/j.parepi.2019.e00092. (PMID:30847408).

**Prasad BVS, Khatri V, Yadav PS, Chandra MS, Lakshmi DV, Goswami K.**

Immunodiagnostic potential of *Wuchereria bancrofti* L1 antigen-based filarial immunoglobulin G4 detection assay.  
*Trans R Soc Trop Med Hyg* 2019;113(1):36-43. (PMID:30321407)

**Bhoj PS, Ingle RG, Goswami K, Jena L, Wadher S.**

Apoptotic impact on *Brugiamalayi* by sulphonamido-quinoxaline: search for a novel therapeutic rationale.  
*Parasitol Res.* 2018;117(5):1559-1572. (PMID:29568978)

**Kar P, Mohod K, Puttewar M, Kumar S.**

Assessment of serum paraoxonase-1 enzyme activity, malondialdehyde and Vitamin-C in oral premalignancies.  
*Int J Clin Biomed Res* 2018;4(3): 21-26

**Togre N, Khatri V, Nakhale M, Bhoj P, Goswami K, Tarnekar AM, Patil M, Kumar S.**

Exploration of immune modulation by combination of filarial proteins against DSS induced acute colitis in mouse model.  
*Romanian Arch Microbiol Immunol* 2018;77(2): 153-161.

**Togre NS, Bhoj PS, Khatri VK, Tarnekar A, Goswami K, Shende MR, Reddy MVR.**

XP-RAL family filarial protein, rWbL2, prevents development of DSS-induced acute ulcerative colitis.  
*Indian J Clin Biochem* 2018;33(3):282-289. (PMID:30072827)

**Goswami K, Gandhe M.**

Evolution of metabolic syndrome and its biomarkers.  
*Diabetes Metab Syndr.* 2018;12(6):1071-1074. (PMID:30042080)

**Ninghot A, Ansari AK, Ansari SA, Mohammad A, Hiware SD, Mohod K.**

Correlation of cord blood lipid profile with neonatal gender and mode of delivery.  
*Asian J Med Res* 2018;7(3):121-125.

**Krishna Kumar MM, Guruvelli S, Waghmare P, Harinath BC, Nagasree P, Namratha JR.**

Synthesis, screening and docking analysis of novel benzimidazolium and benzotriazolium compounds as potent anti-tubercular agents.  
*Antiinfective Agents* 2018, 17(1): 20-27.

**Waghmare P, Ansari AK, Ansari SA, Garg N, Verma P.**

Effect of maturity and birth weight on umbilical cord blood lipid profile: A fetal programming phenomenon.

*J Int Dental Med Res* 2018, 4(6):5-8.

**Chowdhary S, Goswami K.**

Study of clinical and demographic pattern of thyroid profile investigation in clinical biochemistry laboratory of a tertiary care rural hospital.

*JMGIMS* 2019; 24(1):61. (Abstract Proceedings)

## Community Medicine

**Garg BS.**

Village First: Community empowerment on health and development based on Gandhian approach: An experience of working in few villages of Wardha District, Maharashtra.

*Indian J Med Res* 2019;149(7): 63-67. (PMID: 31070179)

**Joseph A, Kadri AM, Krishnan A, Garg BS, Ahmed FU, Kumar P, Kumar R, Srivastava RK, Srivastava VK.**

IAPSM declaration 2018: Definition, role, scope of community medicine and functions of community medicine specialists.

*Indian J Community Med* 2018; 43 (2):120-121.(PMID:29899613)

**Goswami S, Gupta SS.**

How patients of oral cancer cope up with impact of the disease: A qualitative study in central India.

*Indian J Palliat Care* 2019;25:103-9. (PMID:30820111)

**Goswami S, Jha A, Sivan SP, Dambhare DG, Gupta SS.**

Outbreak investigation of cholera outbreak in a slum area of urban Wardha, India: An interventional epidemiological study.

*J Family Med Primary Care* 2019;8(3):1112- 6.(PMID:31041259)

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# Paper Presentations

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## Anatomy

### Gujar V

The anthropometric measurement of tibia in central Indian population  
National Conference of Anatomical Society of India, AIIMS, Rishikesh, 14 Nov 2018

### Bokariya P

Procedure of body donation (*Guest Lecture*)  
Felicitation of kith and kin of body donors by All India Andhshradha Nirmulan Samiti,  
Deoli, Wardha 20 May 2018

### Waghmare JE, Anshu.

Students and faculty perspectives about introducing early clinical exposure in pre-clinical teaching.  
National Conference on Health Professions Education (NCHPE 2018), NKP Salve Institute of Medical Sciences, Nagpur, 15-17 Nov 2018

### Talhar SS.

Role of oxidative stress and its effect on mitochondrial DNA in pulmonary tuberculosis patients.  
73rd NATCON of Tuberculosis and Chest Diseases, Nagpur, 4- 6 Jan 2019

## Anesthesia

### Jain S

Emotional Intelligence (*Faculty*)  
ISACON 2018 20th State Conference & 14th Annual ISACON West Zone Conference and Workshop  
Shirdi, 4 Oct 2018

### Bhandari D

Randomized trial of a symptom monitoring intervention in cancer patients.  
Best of ASCO 2018 meeting- American Society of Clinical Oncology  
Indian Society of Clinical Oncology, AIIMS New Delhi, 28-29 Jul 2018

### Wandile P

A comparative assessment of dexmedetomidinepropofol versus fentanyl-propofol for insertion of proseal laryngeal mask airway  
National Conference of Indian Society of Anesthesiologists, Agra, 25-29 Nov 2018

### Solankey R

A prospective study on comparison of haemodynamic changes in lumbar epidural and general anesthesia with general anesthesia alone in laparoscopic surgeries  
National Conference of Indian Society of Anesthesiologists, Agra, 25-29 Nov 2018

**Yadav N**

Comparative evaluation of airway management and hemodynamics with the use of I-gel (intersurgical gel), proseal laryngeal mask airway and endotracheal tube in laparoscopic surgeries  
National Conference of Indian Society of Anesthesiologists, Agra, 25-29 Nov 2018

**Vyas A**

A prospective randomized double blinded study to look for the effectiveness of dexmedetomidine as an additive to ropivacaine in supraclavicular blocks in adults  
National Conference of Indian Society of Anesthesiologists, Agra, 25-29 Nov 2018

**Community  
Medicine**

**Garg BS**

Community Empowerment for Health: A Multi-Sector Approach (*Moderator*)  
2018 Network: Towards Unity for Health Conference  
Limerick, Ireland, 16-20 Aug 2018.

**Garg BS**

Urban Health (*Keynote address as Chief Guest*)  
20th Joint Maharashtra State Conference of IAPSM & IPHA, Nashik 2019  
Dr. Vasant Rao Pawar Medical College, Hospital and Research Centre,  
Nashik, Maharashtra, 9-10 Feb 2019

**Garg BS**

Public Health Research: Our Experiences at Sevagram - Wardha (*Key Note Address*)  
Joint Annual 26th Conference of Gujarat Chapter of Indian Association of Preventive and Social Medicine (IAPSM-GC) and 8th Conference of Indian Public Health Association (IPHA-GC), BJ Medical College, Ahmedabad, 4-5 Jan 2019

**Mehendale AM**

Epidemiology of leprosy (*Guest Lecture*)  
CME on Leprosy  
JNMC, Sawangi, DMIMS, 16 Feb 2019.

**Gupta SS**

Nurturing Care - right of every child (a model to reach each one of them)  
(*Guest Lecture*)  
Special session on Early Childhood Development  
63rd Annual Conference of IPHA, Kakinada, 1 Feb 2019

**Raut A, Gupta S, Vagha S**

Reflection and peer-feedback for augmenting emotional intelligence among undergraduate students: a quasi-experimental study from a rural medical college in central India.  
National Conference on Health Professions Education (NCHPE 2018), NKP Salve Institute of Medical Sciences and Research Center Nagpur, 15-17 Nov 2018

**Raut A**

Kiran Clinics – An Innovative Practice  
46th Annual National Conference of Indian Association of Preventive and Social Medicine.  
IGMC, Shimla, 7-10 Mar 2019

**Mundra A**

Why tuberculosis patients under RNTCP program delay in health care seeking?: A mixed method research study from central India  
46th Annual National Conference of Indian Association of Preventive and Social Medicine.  
IGMC, Shimla, 7-10 Mar 2019

**Ture P**

Magnitude and Determinants of psychological morbidities among pregnant women in field practice area of medical college in central India: A cross-sectional study  
63rd Annual Conference of IPHA, Kakinada, 1-3 Feb 2019.

**Ture P**

Effect of participatory health promotion initiative on tobacco use among adolescents: a school based quasi-experimental pilot study from central India  
63rd Annual Conference of IPHA, Kakinada, 1-3 Feb 2019.

**Prabhakar MC, Raut AV, Bharambe M, Gupta SS, Mehendale AM, Garg BS**

Magnitude and determinants of gestational diabetes: A cross-sectional study from field practice area of a medical college  
20th Joint Maharashtra State Conference of IAPSM & IPHA, Nashik 2019  
Dr. Vasant Rao Pawar Medical College, Hospital and Research Centre,  
Nashik, Maharashtra, 9-10 Feb 2019

**Dermatology**

**Date P**

A cross-sectional study of thyroid profile in patients of vitiligo at a tertiary care hospital in Central India  
CUTICON 2018, Nagpur, 23-25 Nov 2018

**Date P**

One sided brain over head: Cutis verticis gyrata (E-poster)  
CUTICON 2018, Nagpur, 23-25 Nov 2018

**Date P, Kumari P**

The Arid Melancholy-Netherton Syndrome with protein energy malnutrition  
CUTICON 2018, Nagpur, 23-25 Nov 2018

**Kumari P**

Lamellar ichthyosis with bilateral cicatricial ectropion: A case report with review of literature.  
CUTICON 2018, Nagpur, 23-25 Nov 2018

**ENT**

**Akulwad S**

Laryngeal cyst  
MIDAOICON, Raipur, 16-18 Nov 2018

**Khan S**

Verrucous carcinoma over pinna: An unusual site  
MIDAOICON, Raipur, 16-18 Nov 2018

**Pethe N**

Study of the magnitude of mandibular fractures in patients attending tertiary healthcare hospital.

MENTCON, Nashik, 14-16 Dec 2018

**Futane A**

Study of the pattern of etiopathogenesis and management modalities in oral malignancy in a tertiary care hospital.

VENTOCON, Nagpur, 30 Nov – 1 Dec 2018

**Forensic Medicine**

**Chaphalkar K, Tirpude BH**

Analysis of project undertaken at tertiary care centre based on S 174 CrPC in cases of burn injuries.

9th IAMLE 2018, Dept of Forensic Medicine & Toxicology, Dr DY Patil Medical College and Research Centre, Pimpri, Pune, 26-28 Oct 2018

**Medicine**

**Kalantri SP**

Reversals in Medicine: One step forwards, two steps back (*Guest lecture*)

API Haryana Mid-year CME 2018, Mullana, 12 Aug 2018

**Saxena A**

Predictors of mortality in acute kidney injury patients (*1st Runner-up Award*)

34th Annual Conference of Indian Society of Nephrology, West-Zone

(ISNWZ- 2018), Lonavala, 28-30 Sep 2018

**Microbiology**

**Narang P**

Non-tuberculous Mycobacteria – Diagnosis and Management. (*Guest Lecture*)

CME and workshop on Tuberculosis

Department of Microbiology, PGIMER, Chandigarh, 6-7 Apr 2018

**Narang P**

Environment as source of infection for non-tuberculous Mycobacteria (*Guest Lecture*)

Vallabhbai Patel Chest Institute, University of Delhi in association with Indian Association of Medical Microbiologists- Delhi Chapter (IAMM-DC), New Delhi, 1 Nov 2018

**Narang P**

Lyme disease (*Guest Lecture*)

42nd Annual Conference of Indian Association of Medical Microbiologists,

Bengaluru, 28 Nov- 2 Dec 2018

**Narang P**

An overview of tuberculosis control and MGIMS experience (*Guest Lecture*)

National Training Programme, ICAR-NAE on 'Centre for Zoonoses', Maharashtra Animal & Fishery Science University, Nagpur, 25 Mar 2019

**Narang R**

Non-tuberculous mycobacteria: An emerging pathogen (*Guest Lecture*)

PG Assembly, Sir Gangaram Hospital, New Delhi, 18 Aug 2018

**Narang R**

The study of scrub typhus (*Guest Lecture*)

XVI Annual Symposium & National Conference of IAVPHS, Nagpur, 26-27 Feb 2019

**Narang R**

Non-tuberculosis mycobacteria (*Guest Lecture*)

National Training Programme, ICAR-NAE on 'Centre for Zoonoses', Maharashtra Animal & Fishery Science University, Nagpur, 26 Mar 2019

**Narang R**

One health approach to predict and control infectious diseases: Role of medical microbiologists(*Resource person*)

XXIV Maharashtra Chapter Conference of IAMM

Dept. of Microbiology, Krishna Institute of Medical Sciences, Karad, 29-30 Sep 2018

**Attal R**

A study of Clostridium difficile in a tertiary care hospital in Central India

Maharashtra University of Health Sciences State level Research Conference

MIMER Medical College, Talegaon Dabhade, Pune, 14Mar 2019

**Narang R**

Evolution of NTM Research at Sevagram over three decades: Experience gained and its impact (*Resource person*)

CME on Mapping the Footprints off NTM Infection: The Neglected Mycobacterial Disease  
Vallabhbai Patel Chest Institute, University of Delhi, New Delhi, 1 Nov 2018

**Obstetrics and  
Gynecology**

**Shivkumar PV**

Prevalence, incidence and etiology of pre-eclampsia. (*Guest Lecture*)

Annual Conference YOGSCON-4, Yavatmal Obstetrics and Gynecological Society, Yavatmal, 7-8 Apr 2018

**Jain S**

Management of Hypertensive disorders in pregnancy(*Guest Lecture*)

Annual Conference YOGSCON-4, Yavatmal Obstetrics and Gynecological Society, Yavatmal, 7-8 Apr 2018

**Chhabra S**

Women's health is a journey on a slippery road(*Key Note Address*)

World Congress on Gynecology and Obstetrics, Dubai, UAE, 16-17 Apr 2018

**Shivkumar PV**

Sexual assault in adolescents (*Faculty*)

CME on Adolescent Health, National Association for Reproductive & Child Health of India (NAARCH)-Nagpur Chapter, NOGSNagpur, 22 Apr 2018

**Chhabra S**

Elderly women's health

15th World Rural Health Conference, New Delhi, 26-29 Apr 2018

**Tayade S**

Interdisciplinary approach to healthcare (*Guest lecture*)  
SYMHEALTH 2018- National Conference on Interdisciplinary Approach to Healthcare,  
Faculty of Health & Biological Sciences (FoHBS),Pune,3-5 May 2018

**Tayade S**

Community based micro health insurance to provide quality health care equity in rural India  
SYMHEALTH 2018- National Conference on Interdisciplinary Approach to Healthcare,  
Faculty of Health & Biological Sciences (FoHBS),Pune,3-5 May 2018

**Tayade S**

CME on PIH & Preterm Pain (*Faculty*)  
Yavatmal Obstetrics and Gynecological Society,Yavatmal, 10 Jun 2018

**Tayade S**

Antenatal fetal hypoxia-Prevention and treatment (*Guest Lecture*)  
FEMCON 2018- Nodal Conference of Maharashtra Chapter of ISAR, ISAR  
Amravati, 16-17 Jun 2018

**Chhabra S**

Hypertension disorders during pregnancy to fetal/neonatal survival  
(*Key Note Address*)  
17th Annual World Congress on Neonatology Conference Series LLCVancouver,  
Canada, 26-30 Jun 2018

**Shivkumar PV**

Placental origin of adverse fetal outcome (*Guest lecture*)  
CME on Placental origin of adverse pregnancy outcome, Ghaziabad Obstetrics  
andGynecological Society, 20 Jul 2018

**Tayade S**

Eclampsia Drill  
FOGSI Gestosis Conference,Nagpur Obstetrics andGynecological Society,  
Nagpur, 28-29 Jul2018

**Shivkumar PV**

Maternal Death Surveillance and Response (*Guest Lecture*)  
CME on Obstetrics Critical and Medicolegal updates, Dept of OBGY &  
Forensic Medicine, JNMC, Sawangi Meghe, 4 Aug 2018

**Jain S**

Cesarean section audit (*Guest Lecture*)  
CME on Obstetrics Critical and Medicolegal updates, Dept of OBGY & Forensic  
Medicine, JNMC, Sawangi Meghe, 4 Aug 2018

**Gangane N**

PIH management and emergency drug used (*Guest Lecture*)  
CME on Obstetrics Critical and Medicolegal updates, Dept of OBGY & Forensic  
Medicine, JNMC, Sawangi Meghe, 4 Aug 2018

**Chhabra S**

Planning of care from womb to tomb improves rural community participation and best of compliance to health advocacy in low resource settings  
GHETS- The Network towards Unity,Limerick, Ireland, 14-23 Aug 2018

**Chhabra S**

Community based preconception/periconception/health literacy/ therapy for safe womenhood/childhood, challenges  
GHETS- The Network towards Unity,Limerick, Ireland, 14-23 Aug 2018

**Chhabra S**

Awareness, perception of adolescents regarding challenges experienced by elderly women living rural tribal communities of hilly forestry region  
GHETS- The Network towards Unity,Limerick, Ireland, 14-23 Aug 2018

**Tayade S**

Stakeholder constructed SWOT analysis of MCH Wing  
GHETS- The Network towards Unity,Limerick, Ireland, 14-23 Aug 2018

**Tayade S**

Using women's experience of violence to inform community intervention in rural India  
GHETS- The Network towards Unity,Limerick, Ireland, 14-23 Aug 2018

**Shivkumar PV, Jain S**

Need for separate guidelines for pregnancy care in urban and rural women  
(*Guest Lecture*)  
14th World Congress & 22nd Indian Conference of NARCHI (NARCHICON 2018), Nagpur, 28-30 Sep 2018

**Jain S**

Panel discussion on IUGR (*Panelist*)  
14th World Congress & 22nd Indian Conference of NARCHI (NARCHICON 2018), Nagpur, 28-30 Sep 2018

**Harne S**

Still Birth  
14th World Congress & 22nd Indian Conference of NARCHI (NARCHICON 2018), Nagpur, 28-30 Sep 2018

**Jaiswal S**

Emergency Triage  
14th World Congress & 22nd Indian Conference of NARCHI (NARCHICON 2018), Nagpur, 28-30 Sep 2018

**Shivkumar PV**

Bundle and ESM-UBT with the emphasis on Vertical Integration from the periphery to the tertiary care hospital to save the mothers with shock and PPH. (*Lecture*)  
XXII FIGO World Congress of Obstetrics and Gynecology, Rio de Janeiro, Brazil, 13-21 Oct 2018

**Thombre B, Bhutkar J**

Quiz organized by Menopause Society, Nagpur, 4 Jan 2019

**Shivkumar PV**

Stepwise devascularization Step it Up (*Guest Lecture*)

Workshop on PPH Bundle, 62nd All India Conference of Obstetrics and Gynecology AICOG-2019, Bengaluru, 8-10 Jan 2019

**Kumar P**

Ante-partum hemorrhage: The bleeding mother and the Unborn (*Guest Lecture*)

62nd All India Conference of Obstetrics and Gynecology, AICOG-2019, Bengaluru, 8-10 Jan 2019

**Bathla M**

Acceptability of alternate birthing positions and its fetomaternal outcome: Comparison with dorsal position

62nd All India Conference of Obstetrics and Gynecology, AICOG-2019, Bengaluru, 8-10 Jan 2019

**Dalvi S**

Concept of triage and emergency management and its contribution in improving fetomaternal outcome

62nd All India Conference of Obstetrics and Gynecology AICOG-2019, Bengaluru, 8-10 Jan 2019

**Tayade S**

Panel discussion on Induction labour in special situations (*Moderator*)

Annual Conference of All Mahabaleshwar OBGY Society, Mahabaleshwar, 7-9 Feb 2019

**Shelke S**

Panel discussion on Operative Obstetrics (*Panelist*)

Annual Conference of All Mahabaleshwar OBGY Society, Mahabaleshwar, 7-9 Feb 2019

**Ophthalmology**

**Shukla AK**

Diabetic retinopathy screening in known diabetics in rural area with nonmydriatic fundus camera (*Guest lecture*)

Focus 2018, Annual Conference of Bombay Ophthalmic Association, Mumbai, 26 Aug 2018

**Singh S**

Basic workup of a patient of refractive surgery (*Guest lecture*)

Vidarbha Ophthalmic Society Conference: 2018, Wardha, 13-14 Oct 2018

**Singh S**

Improving Clinical Skills in Ophthalmology using OSCEs for undergraduates (*Guest lecture*)

Focus 2018, Annual Conference of Bombay Ophthalmic Association, Mumbai, 26 Aug 2018

**Singh S**

Basic work up for a patient for LASIK surgery (*Guest lecture*)  
Focus 2018, Annual Conference of Bombay Ophthalmic Association,  
Mumbai, 25 Aug 2018

**Singh S**

Lens induced glaucoma: Answer to your questions (*Guest lecture*)  
Medinspire, and International Multidisciplinary Medical Summit 2018,  
DY Patil University, Navi Mumbai, 17 Feb 2019

**Azhar M, Shukla AK, Singh S, Gupta G**

Screening for diabetic retinopathy in rural population: Role of ASHA Workers  
All India Ophthalmic Society Annual Conference, Indore, 14 Feb 2019

**Bang P, Yadav A**

Eye-donor age: its relation with epidemiological factors and effect on endothelial cell  
density  
All India Ophthalmic Society Annual Conference, Indore, 14-17 Feb 2019

**Verma S, Dhabarde A**

Study of presentation of cataract in pre senile age in patients of Hansen's disease.  
Vidarbha Ophthalmic Society Conference, Wardha, 13-14 Oct 2018

**Garkal P, Singh S, Shukla AK, Madia T**

Change in tear function in eyes undergoing Lasik surgery  
All India Ophthalmic Society Annual Conference, Indore, 14-17 Feb 2019

**Bang P, Yadav A, Singh SJ, Barghare T, Shukla AK**

Ocular morbidity screening of under-12 school children from tribal backward areas in  
central India  
All India Ophthalmic Society Annual Conference, Indore, 14-17 Feb 2019

**Doye S, Shukla AK, Singh S**

Assessment of binocular visual functions in isoametropic and anisometropic patients  
undergoing Lasik  
All India Ophthalmic Society Annual Conference, Indore, 14-17 Feb 2019

**Verma S, Dhabarde A**

Orbital pyomyositis: A rare case ocular presentation  
Vidarbha Ophthalmic Society Conference, Wardha, 13-14 Oct 2018

**Verma S, Shukla AK**

Bilateral vitreous hemorrhage: A rare presentation of snake bite  
All India Ophthalmic Society Annual Conference, Indore, 14-17 Feb 2019

**Singh SJ, Bang P, Yadav A**

Pre and post-surgery comparison of IOL power and corneal astigmatism in cases of  
primary pterygium  
All India Ophthalmic Society Annual Conference, Indore, 14-17 Feb 2019

**Bang P, Singh SJ**

Canalicular tear repair performed in rural setup using 22 intravenous cannula as stent: Case report  
All India Ophthalmic Society Annual Conference, Indore, 14-17 Feb 2019

**Orthopedics**

**Patond KR**

Panel discussion in wrist session (*Panelist*)  
37th Annual Conference of Vidarbha Orthopedics Society (VASCON-2018),  
Nagpur, 26-28 Oct 2018

**Badole CM**

Topic??(*Guest lecture*)  
TB symposium  
Wardha, 24 Mar 2019

**Pathology**

**Gangane N**

Diagnostic dilemmas in cytology in granulomatous lesions and metastases of unknown primary site (*Maitreyee Munshi Memorial Oration*)  
CME organized by Vidarbha Association of Pathologists and Microbiologists,  
Nagpur, 24 Jun 2018

**Gangane N, Anshu**

Slide Seminar. (*Moderators*)  
Vidarbha Association of Pathologists and Microbiologists, Nagpur, 24 Jun 2018

**Gupta A**

Yuva Svaasthya: Moolboot Sidhant (*Guest lecture*)  
Orientation workshop for faculty members, Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalay, Wardha, 18 May 2018

**Gupta A**

Learning Process (*Resource Person*)  
National Level Seminar on Innovative pedagogy and effective teaching, SMBT College of Pharmacy, Dhamangaon, Igatpuri, Nashik, 14-15 Dec2018

**Gupta A**

Rational use of Blood (*Guest Speaker*)  
National Level Seminar, Blood Bank, JA Hospital, GR Medical College,  
Gwalior, 25-26 Mar 2019

**Ciraj AM, Dandekar SP, Anshu.**

Sustaining change. (*Resource Person*)  
PSG FAIMER Regional Institute, Coimbatore, 16 Jun 2018

**Anshu, Joshi M, Ramalingam S.**

Abstract writing. (*Resource Person*)  
PSG FAIMER Regional Institute, Coimbatore, 18 Jun 2018.

**Kalyanasundaram ME, Joshi M, Anshu, Dandekar S.**

Performance based assessment. (*Resource Person*)  
PSG FAIMER Regional Institute, Coimbatore, 19 Jun 2018.

**Kalyanasundaram ME, Bhandary S, Chacko T, Anshu, Ramalingam S, Shantakumari.**

Good teaching practices: Competency based medical education. (*Resource Person*)  
PSG FAIMER Regional Institute, Coimbatore, 18 Jun 2018

**Anshu, Joshi M, Dandekar S, Shantakumari.**

Reflective Practice for continuing professional development (*Resource Person*)  
PSG-FAIMER Regional Institute, Coimbatore, 19 Jun 2018

**Anshu.**

Educational Research. (*Faculty*)  
Advanced Course in Health Professions Education, IMETTT, MUHS Nashik, 18 Apr 2018

**Anshu.**

Making Pathology education relevant: The postgraduate training scenario.  
(*Guest lecture*)  
APCON 2018, Annual Conference of Indian Association of Pathologists and Microbiologists, Rohilkhand Medical College, Bareilly, 29 Nov- 2 Dec 2018.

**Anshu.**

Collection and processing of body fluids. (*Guest lecture*)  
Symposium on Fluid Cytology, APCON 2018, Annual Conference of Indian Association of Pathologists and Microbiologists, Rohilkhand Medical College, Bareilly, 29 Nov- 2 Dec 2018.

**Anshu, Chari S.**

Brainstorming session on 'Recommending beyond classroom activities to produce competent Indian Medical Graduates'. (*Moderator*)  
National Conference of Health Professions Education (NCHPE 2018), NKP Salve Institute of Medical Sciences, Nagpur. 15-17 Nov 2018

**Atram M.**

Extra skeletal myxoidchondrosarcoma – Diagnostic dilemmas in cytology.  
Slide Seminar. Dr. Maitreyee Munshi Memorial Oration and CME, Vidarbha Association of Pathologists and Microbiologists, Nagpur, 24 Jun 2018.

**Atram M.**

Cytological diagnostic pitfall in salivary gland tumours.  
MACyCON 2019 - 2nd Conference of Association of Cytologists of Maharashtra (ACM), Department of Pathology, Lokmanya Tilak Municipal Medical College & General Hospital, Mumbai and Sion Hospital, 2-3 Feb 2019

**Atram M.**

Cytological criteria for diagnosis of primary clear cell variant of hepatocellular carcinoma.  
MACyCON 2019 - 2nd Conference of Association of Cytologists of Maharashtra (ACM), Department of Pathology, Lokmanya Tilak Municipal Medical College & General Hospital, Mumbai and Sion Hospital, 2-3 Feb 2019

**Patil B.**

Umbilical cord haemangioma leading to fetal demise: A case report.  
2nd Annual Conference VAPCON-2018, Vidarbha Association of Pathologists & Microbiologists, Nagpur, Hotel Centre Point, Nagpur, 8-9 Dec 2018.

**Patil B.**

Epithelioid sarcoma-proximal type.  
Slide Seminar. Dr Maitreyee Munshi Memorial Oration and CME, Vidarbha Association of Pathologists and Microbiologists, Nagpur, 24 Jun 2018.

**Mangam S.**

Schwannoma in submandibular region: Diagnostic pitfalls  
Slide Seminar. Dr. Maitreyee Munshi Memorial Oration and CME, Vidarbha Association of Pathologists and Microbiologists, Nagpur, 24 Jun 2018.

**Dhurve V.**

Mammary type of myofibroblastoma.  
Slide Seminar. Dr. Maitreyee Munshi Memorial Oration and CME, Vidarbha Association of Pathologists and Microbiologists, Nagpur, 24 Jun 2018.

**Ghongade P.**

Sinonasal type of hemangiopericytoma arising from nasal cavity and paranasal sinus – A Case Report.  
2nd Annual Conference VAPCON-2018, Vidarbha Association of Pathologists & Microbiologists, Nagpur, Hotel Centre Point, Nagpur, 8-9 Dec 2018.

**Ghongade P.**

Sinonasal type of hemangiopericytoma in nasal cavity.  
Slide Seminar. Dr. Maitreyee Munshi Memorial Oration and CME, Vidarbha Association of Pathologists and Microbiologists, Nagpur, 24 Jun 2018.

**Deshmukh A, Gupta A, Gangane N, Jain S.**

Eruptive collagenoma : A rare entity in pediatric age.  
Annual Conference of Dermatopathology Society of India, Dept of Dermatology, Dr DY Patil Medical College & Hospital, Navi Mumbai, 7-9 Dec 2018.

**Wagle B, Gupta A, Deshmukh A, Gangane N, Nagpure P.**

Verrucous carcinoma of pinna: A rare entity.  
Annual Conference of Dermatopathology Society of India, Dept of Dermatology, Dr DY Patil Medical College & Hospital, Navi Mumbai, 7-9 Dec 2018.

**Ghongade P, Shivkumar VB, Deshmukh A, Gangane N.**

A rare entity of infarction of fibroadenoma of breast – Study of two cases  
International CME in Pathology, Histopathology and Cytopathology, Goa, 1-3 Feb 2019.

**Mangam S, Atram M, Gupta A.**

Fine needle aspiration cytology diagnosis of malignant pilartumor: Report of a rare case  
2nd Conference of Association of Cytologists of Maharashtra (ACM) MACyCON 2019, Department of Pathology, LokmanyaTilak Municipal Medical College & General Hospital, 2-3 Feb 2019.

**Dhurve V, Atram M, Gupta A.**

Trichofolliculoma of scalp lesion: A rare case report.

2nd Conference of Association of Cytologists of Maharashtra (ACM) MACyCON 2019, Department of Pathology, Lokmanya Tilak Municipal Medical College & General Hospital, 2-3 Feb 2019.

**Gupta A, Gupta SS, Hasnain M, Grant J.**

Students' and teachers' experiences of student learning in a community-based learning program (CBL).

National Conference of Health Professions Education (NCHPE 2018), NKP Salve Institute of Medical Sciences, Nagpur. 15-17 Nov 2018

**Rathod R, Gupta A, Gangane N.**

Role of CD4 and CD8 Positive T cells in breast cancer progression and outcome

24th ICP AIPNA International CME in Pathology 2019, Department of Pathology and Lab Medicine, All India Institute of Medical Sciences, Bhopal , 1-3 Feb 2019.

**Gawai S, Anshu, Gangane N.**

HBME-1 expression in lesions of the thyroid

24th ICP AIPNA International CME in Pathology 2019, Department of Pathology and Lab Medicine, All India Institute of Medical Sciences, Bhopal , 1-3 Feb 2019.

**Gorte T, Deshmukh A, Gangane N.**

Comparison between automated and manual method of reticulocyte count

24th ICP AIPNA International CME in Pathology 2019, Department of Pathology and Lab Medicine, All India Institute of Medical Sciences, Bhopal , 1-3 Feb 2019.

**Shirbhate P, Deshmukh A, Shivkumar VB, Gangane N.**

A comparative study between routine and rapid microwave tissue processing and staining using a kitchen microwave oven in histopathology laboratory.

24th ICP AIPNA International CME in Pathology 2019, Department of Pathology and Lab Medicine, All India Institute of Medical Sciences, Bhopal , 1-3 Feb 2019.

**Pharmacology**

**Kale R**

Evaluation and comparison of teaching with chalkboard, PowerPoint and combination of chalkboard-PowerPoint in II MBBS students.

10th National Conference on Health Profession Education (NCHPE 18) and 2nd MUHS State Level Health Science Education Technology Research Conference, Nagpur, 15-17 Nov 2018

**Rajput A**

Gene therapy: Applications in dermatology and venereology

CLINICOPHARMACON National Conference on clinical trials and research, Chennai, 16 Jun 2018

**Pediatrics**

**Jain M**

Management of Pediatric Shock

Indian Academy of Pediatrics Advanced Life Support Workshop, Panvel, 18-19 Aug 2018

**Bang A**

Rhythm disturbances in children

Indian Academy of Pediatrics Advanced Life Support Workshop, Panvel, 18-19 Aug 2018

**Physiology**

**Kothari R.**

Time and frequency domain indices of heart rate variability in healthy central Indian Population investigated during treadmill exercise in Sports Physiology Laboratory.

*(Second prize for best paper)*

ATPCON 2018 - National Conference in Physiology, Dept. of Physiology, ESIC Medical College Hyderabad, 14- 16 Sep 2018

**Vrindavanam S, Srivastava S, Sharma S, Kothari R, Bokariya P, Buradkar V.**

Normative study of VO<sub>2</sub> max in undergraduate medical students upon exercise on treadmill and cycle ergometer as assessed in sports physiology laboratory

*(Second prize for best paper)*

ATPCON 2018 - National Conference in Physiology, Dept. of Physiology, ESIC Medical College Hyderabad, 14- 16 Sep 2018

**Buradkar V, Kothari R, Srivastava S, Sharma S, Bokariya P, Vrindavanam S.**

Effect of Yogic practice on exercise endurance and physical fitness as assessed by cardiorespiratory efficiency tests in sports physiology laboratory

*(Third prize for best paper)*

ATPCON 2018 - National Conference in Physiology, Dept. of Physiology, ESIC Medical College Hyderabad, 14- 16 Sep 2018

**Kothari R**

Usage of social media as an adjunct for dispensing medical education: Teachers perception in a rural medical college.

MCI Nodal Center, JNMC, Sawangi, 5 Oct 2018

**Kothari R.**

Assessment of VO<sub>2</sub> Max upon exercise on treadmill. *(Guest lecture)*

Pre-Conference Workshop on Exercise Physiology, NATCON Physiology -2019, First National Conference, Academy of Physiology, NKPSIMS & RC and Lata Mangeshkar Hospital, Nagpur, 8 Feb 2019

**Srivastava S, Sharma S, Vrindavanam S, Kothari R, Bokariya P.**

Study of VO<sub>2</sub> max in athletes upon exercise on treadmill and cycle ergometer as assessed in Sports Physiology Laboratory. *(Second prize for best paper)*

International Medical Undergraduate Conference, Colombo, Sri Lanka, 7 Feb 2019

**Sharma S, Bokariya P, Kothari R.**

A promising fitness parameter unleashed yet to be explored: Body Shape Index. *(Second prize for best paper)*

MUHS State level Research Conference (Medical Faculty), Maharashtra Institute of Medical Education & Research (MIMER), Pune, 14 Mar 2019

**Psychiatry**

**Mishra KK**

Influence of parenting style on behavioural patterns in children *(Faculty)*

71st Annual National Conference of Indian Psychiatric society, ANCIPS 2019

Lucknow, 31 Jan- 3 Feb 2019

## **Radiodiagnosis**

### **Kynjing D**

Comparative evaluation of plain abdominal radiograph and USG in intestinal obstruction.  
72nd Annual Conference of Indian Radiological & Imaging Association, PGIMER Chandigarh, 17-20 Jan 2019.

### **Dodake N**

Pictorial essay on Magnetic resonance imaging spectrum in neonatal hypoxic-ischemic encephalopathy  
72nd Annual Conference of Indian Radiological & Imaging Association, PGIMER Chandigarh, 17-20 Jan 2019.

### **Dodake N**

Evaluation of interstitial lung disease in patient using HRCT chest in farming based rural population of central India.  
72nd Annual Conference of Indian Radiological & Imaging Association, PGIMER Chandigarh, 17-20 Jan 2019.

### **Kynjing D**

Hydatid cyst skull: Rare occurrence.  
72nd Annual Conference of Indian Radiological & Imaging Association, PGIMER Chandigarh, 17-20 Jan 2019.

## **Radiotherapy**

### **Vyas V**

Organ Delineation (Faculty)  
OAR in Head & Neck Cancer, HCG APEX, Mumbai, 19 May 2018

### **Singh A**

Imaging and contouring (*Resource person*)  
ICRO Senior teaching course, GMC Nagpur, 6-7 Oct 2018

## **Surgery**

### **Pardesh R**

Squamous cell carcinoma of thyroid (*Second prize for best paper*)  
National Conference of Association of Rural Surgeons of India  
Chiplun, 23-25 Nov 2018

### **Kumar K**

Rapunzel syndrome  
National Conference of Association of Rural Surgeons of India,  
Chiplun, 23-25 Nov 2018

### **Kumar S**

Laparoscopic versus open inguinal hernia  
National Conference of Association of Rural Surgeons of India,  
Chiplun, 23-25 Nov 2018

### **Aswar A**

Audit of laparoscopic appendicectomy  
National Conference of Association of Rural Surgeons of India,  
Chiplun, 23-25 Nov 2018

# Presentations at MGIMS

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## **Point of Care Quality Improvement Workshop for improving the quality of hospital care for maternal and neonatal health, MGIMS, Sevagram, 30-31 Jul 2018**

### **Jain M**

How to frame QI question (*Faculty*)

### **Bang A**

Sustaining of QI research (*Faculty*)

## **Cadaveric Shoulder Dissection & Arthroscopy Workshop MGIMS Sevagram, 23 Sep 2018**

### **Shende MR, Waghmare JE**

Applied Aspect of Shoulder Joint. (*Faculty*)

### **Tayade AT**

Radiographic anatomy of shoulder

### **Dhok A**

Imaging in Shoulder- USG

### **Patil SS**

Imaging in Shoulder-CT

## **CME & Live Surgical Workshop on Ilizarov's Technique for Lower Limb Fracture. MGIMS Sevagram, 29 Sep 2018**

### **Tayade AT**

Radiological aspects of fracture union

## **CME & Workshop on Basics of Mechanical Ventilation MGIMS Sevagram, 13Oct 2018**

### **Bang A**

Liberation from Mechanical Ventilation

### **Bhandari D**

Basics of ventilation and initial setting

Sedation and muscle relaxants during mechanical ventilation

**CME on Medicolegal aspects in Clinical Practice**  
**Dept of Orthopedics and Forensic Medicine and Toxicology, MGIMS, Sevagram, 25 Nov 2018**

**Tirpude BH**

How to appear in the court for giving medical evidence (*Resource person*)

**Murkey PN**

Medicolegal documentation in clinical practice (*Resource person*)

**Khandekar IL**

Medicolegal cases and MCCD (*Resource person*)

**Zopate PR**

Type of negligence by doctor in medical practice and defence (*Resource person*)

**Shelke S**

Legal aspects in Gynecology (*Faculty*)

**Verma S, Shukla AK**

Medico-legal aspects of Ophthalmology

**Deshmukh A**

Medicolegal aspects in Pathology

**National Symposium on Genetics and Genomics in Human Health & Disease**  
**MGIMS, Sevagram, 7-8 Dec 2018**

**Pal AK**

Chromosomal disorders in humans. (*Faculty*)

**Shivkumar PV**

Case presentations in genetics in Gynecology (*Moderator*)

**Shelke S**

Case presentations in genetics in Gynecology (*Panelist*)

**Ambulkar P, Chaudhari AR, Waghmare JE, Shende MR, Pal AK.**

Genetic study of X chromosome linked testis specific H TAF 7L gene in idiopathic infertile male.

**Talhar SS, Ambulkar P, Waghmare PJ, Shende MR, Pal AK, Narang P**

Assessment of oxidative stress and mitochondrial DNA damage in pulmonary tuberculosis patients in a tertiary care hospital in Wardha district.

**Anjum A**

Carbamazepine induced Steven-Johnson's Syndrome in a tertiary care hospital in Central India

**Gorjelwar P**

Genetic risk factors for serious adverse drug reaction: induced liver injury

**CME on Pediatric Imaging**

**MGIMS Sevagram, 9 Dec 2018**

**Tayade AT**

Lines and Tubes

**Ghodke DD**

Congenital heart disease: Radiographic findings

**Patil SS**

Interesting cases

**Singh P, Manjare S**

Dysembryoblastic Neuroepithelial Tumour

**Bhoyar M, More S**

Radiography in neonate acute abdomen.

**Hogale M, WadhibhasmeM**

Congenital craniofacial deformities: Spectrum of multidetector computed tomographic findings.

**ISA-IRC BCLS & Beyond the Basics of CPR training CME and Workshop**

**MGIMS Sevagram, 16-17 Dec 2018**

**Tidke S**

BCLS Core link

Advanced Cardiac Life support - key aspects

**Bhandari D**

Introduction into IRC Courses

AED - Theory and practical aspects

**Fulzele M**

Airway & breathing during CPR

**Lambe A**

Chest compressions - what is High quality CPR

**Yadav N**

Pericardiac arrest scenarios

**CME and hands on workshop on NCV, EMG and its clinical applications  
MGIMS Sevagram, 11 Jan 2019**

**Pawar S**

Introduction to nerve conduction studies, late responses and electromyography  
(Resource Person)

**Breast Cancer Club, Dept of Radiotherapy, MGIMS Sevagram, 8 Mar 2019**

**Jain S**

Need for Early detection and awareness about breast cancer

**CME on Hypertensive Disorders in Pregnancy**

**Organized by Sevagram-Wardha Obstetrics and Gynecology Society, Deoli –Sawangi OBGY Society,  
Dept of Ob/Gyn MGIMS, Sevagram, 16 Mar 2019**

**Chhabra S**

Hypertensive disease in pregnancy (Faculty)

**Kumar P**

Clinical features and etiopathogenesis (Faculty)

**CME and Workshop on Pain Mechanisms & Management; Workshop on Interventional Pain Therapy  
Department of Anesthesiology and Orthopedics, MGIMS and ISA Wardha,  
MGIMS Sevagram, 24 Mar 2019**

**Fulzele M**

Assessment and management of acute pain

**Fulzele M**

Post-surgical and post-traumatic pain

**Vertical Integrated Teaching on Hypertension  
MGIMS Sevagram, 27 Mar 2019**

**Pawar S**

Regulation of blood pressure

**Anshu**

Pathology of hypertension

**Raut AV**

Epidemiology, risk factors, surveillance

**Chimurkar L**

Pharmacology of anti-hypertensive drugs

**Taksande B**

Management of hypertension

# Funded Research

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Grant (Rs. in Lakhs)

<b>Anatomy</b>	<p><b>Genetic study of mutation /polymorphism in X-linked hTAF7Lgene related to idiopathic human male infertility cases.</b></p> <p>Ambulkar PS, Pal AK. Funded by DHR, Ministry of Health, GOI, 2016-19</p>	<b>45.0</b>
<b>Biochemistry</b>	<p><b>Establishment of Sub-DIC under BTIS net Programme</b></p> <p>Kumar S Funded by DBT, 2018-19</p>	<b>8.7</b>
	<p><b>Study of interaction between platelet and human lymphatic filarial parasite with focus on eicosanoid metabolism and its pathophysiological implication</b></p> <p>Kumar S Funded by DST, 2017-20</p>	<b>12.48</b>
	<p><b>Elusive role of HDL-C in metabolic syndrome and impending cardiovascular disease</b></p> <p>Waghmare P, Goswami K, Deshmukh P Funded by DST, 2017-20</p>	<b>5.0</b>
<b>Community Medicine</b>	<p><b>A multi-centre Phase II/III double-blind, randomized, placebo controlled study to evaluate the efficacy and safety of VPM 1002 in the prevention of tuberculosis (TB) patients after successful TB treatment in India</b></p> <p>Garg BS, Gupta SS, Narang R, Raut AV, Kalantri A, Jain V Funded by SILL, 2017-19</p>	<b>6.6</b>
	<p><b>Empowering family and community for responsive caregiving</b></p> <p>Gupta SS, Garg BS, Deshmukh PR, Bahulekar PV, Maliye CH, Raut AV, Solanki R, Ambilkar A Funded by UNICEF, Mumbai, 2018</p>	<b>30.59</b>
	<p><b>Usage of Solar Powered Portable Culture Incubator in District Hospital, Primary Health Centre, Community Health Centre: Feasibility Study</b></p> <p>Maliye C, Gupta SS, Thamke D, Dambhare DG Funded by ICMR, New Delhi, 2018</p>	<b>7.94</b>
	<p><b>MINerVA – Mortality in India established through verbal autopsies</b></p> <p>Mehendale AM, Raut AV, Kalantri A, Mundra A, Goswami S Funded by GOI, 2018</p>	<b>Nil</b>

#- Funds continued from previous years

\$- Funds not received in 2018-19

\*- Emoluments directly paid by Govt

	<b>Centre for Advanced Research for Community Based Maternal, Newborn and Child Health (ICMR)</b>	#
	<b>A. Central India Rural Pregnancy Cohort</b>	
	Garg BS,Shivkumar PV, Gupta SS, Deshmukh PR, Maliye CH, Bharambe MS, Bahulekar PV, Raut AV, Ambilkar A	
	<b>B. Workshops on Capacity Building for Medical College faculties in Maternal, Neonatal and Child Health and Nutrition (MNCHN) Research</b>	#
	Garg BS,Gupta SS, Deshmukh PR, Maliye CH, Bharambe MS, Bahulekar PV, Raut AV	
<b>Microbiology</b>	<b>Confirmation of diseases of public health importance under the Integrated Disease Surveillance Programme (IDSP) State surveillance network (Referral Lab)</b>	<b>2.0</b>
	Deotale V,Maraskolhe D	
	Funded by Govt. of Maharashtra, 2010 onwards	
	<b>Sentinel Surveillance of Hospitals for Vector Borne Disease</b>	<b>1.0</b>
	Thamke D, Attal R	
	Funded by Govt. of Maharashtra, 2011 onwards	
	<b>Capacity building and strengthening of hospital infection control, detection and prevention of antimicrobial resistance in India</b>	<b>5.0</b>
	Deotale V, Attal R	
	Funded by ICMR,AIIMS, CDC India, 2016-21	
	<b>MGIMS Regional Centre for Antibiotic Resistance Surveillance Network</b>	<b>3.34</b>
	Deotale V, Narang P, Maraskolhe D, Attal R	
	Funded by ICMR, 2017-22	
	<b>Japanese encephalitis epidemiology in central part of India: Enhanced sentinel surveillance for etiological contribution and burden following vaccination in Maharashtra and Telangana</b>	<b>14.85</b>
	Narang R, Jain M, Jain J	
	Funded by ICMR, 2018-20	
<b>Medicine</b>	<b>Initiating antimicrobial stewardship activities in hospitals in India</b>	<b>9.39</b>
	Taksande B, Deotale V, Attal R, Bhandari D,Jajoo S	
	Funded by ICMR, 2018-22	
<b>Obstetrics and Gynecology</b>	<b>Community based study of effect of biomass fuel in pregnancy outcome with special reference to hypertensive disorders, other complications, birth weight, still births, neonatal and infant mortality in tribal communities of Melghat region in Amravati, Maharashtra in Central India</b>	<b>13.3</b>
	Chhabra S	
	Funded by ICMR,2018 onwards	

#- Funds continued from previous years

§- Funds not received in 2018-19

\*- Emoluments directly paid by Govt

	<b>Maternal and Perinatal Health Research(MaaTHRI Project)</b>	<b>1.17</b>
	Chhabra S Funded by Nuffield Department of Population Health, University of Oxford, 2018	
	<b>Maternal and Child Health Training</b>	<b>4.32</b>
	Shivkumar PV Funded by Govts of Maharashtra, Madhya Pradesh and Assam, 2017 onwards	
	<b>Low cost salivary progesterone testing for detecting the risk of preterm births in rural community settings of India.</b>	<b>9.18</b>
	Shivkumar PV, Shivkumar VB Funded by Bill Melinda Gates Foundation, 2017 onwards	
	<b>Postpartum HemorrhageProject</b>	<b>15.9</b>
	Shivkumar PV Funded by Harvard University, USA, 2016 onwards	
	<b>JivDayaPartograph Project</b>	<b>#</b>
	Shivkumar PV Funded by JivDaya Foundation, Dallas, Texas, USA, 2013 onwards	
	<b>Epidemiological determinants of hypertensive disorders of pregnancy in women in Central India</b>	<b>2.9</b>
	Jain S, Deshmukh PR Funded by ICMR, 2015 onwards	
	<b>GHETS Mini Project</b>	<b>1.37</b>
	Chhabra S Funded by GHETS, 2015 onwards	
	<b>Prevention of parent to child transmission of HIV / AIDS</b>	<b>*</b>
	Chhabra S Govt of Maharashtra, 2002 onwards	
<b>Ophthalmology</b>	<b>Reducing blindness from diabetic retinopathy in India in Maharashtra (Wardha District)</b>	<b>4.82</b>
	Shukla AK, Singh S Funded by The Queen Elizabeth Diamond Jubilee Trust, 2018-19	
	<b>Extracapsular cataract extraction (ECCE), intraocular lens (IOL) implantation, phaco and medicalretina training project for district ophthalmologists at MGIMS Sevagram</b>	<b>2.53</b>
	Shukla AK, Singh S Funded by National Programme for Control of Blindness & Visual Impairment, 2018-19	

#- Funds continued from previous years

\$- Funds not received in 2018-19

\*- Emoluments directly paid by Govt

<b>Pathology</b>	<p><b>Population Based Cancer Registry of Wardha District</b> Gangane NM Funded by ICMR, 2010 onwards</p> <p><b>Population Based Cancer Survival on Cancers of the Breast, Cervix and Head &amp; Neck</b> Gangane N Funded by ICMR, March 2017 onwards.</p>	<p><b>34.7</b></p> <p><b>0.8</b></p>
<b>Pediatrics</b>	<p><b>National Neonatal Perinatal Database</b> Jain M Funded by WHO SEARO, 2015-19</p>	<p><b>3.6</b></p>
<b>Pharmacology</b>	<p><b>Pharmacovigilance Project</b> Varma SK, Gosavi DD, Kale R, Chimurkar L, Pethe M Funded by Govt of India, 2012 onwards</p>	<p><b>*</b></p>
<b>Physiology</b>	<p><b>Profile of optic nerve disorders and role of visual evoked potentials in eyes with optic nerve disorders in a tertiary care rural hospital</b> Kothari R, Chaudhari AR , Shukla AK, Singh S, Bang P, Singh S Funded by MUHS, 2017-19</p>	<p><b>1.0</b></p>

#- Funds continued from previous years

§- Funds not received in 2018-19

\*- Emoluments directly paid by Govt

# Research Projects Completed

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- Anatomy**
- **Molecular genetic studies of complete hydatidiform moles with special reference to their neoplastic potentialities.**  
Waghmare JE, Pal AK, Gangane NM  
Funded by Maharashtra University of Health Sciences, (MUHS) Nashik
  - **Mitochondrial DNA deletions mapping in pulmonary tuberculosis patients- A pilot study.**  
Talhar SS, Narang P, Sontakke BR, Pal AK  
Funded by The Tuberculosis Association of India
- Obstetrics and Gynecology**
- **Educating rural Indian women about domestic and sexual violence by utilizing ANM and ASHA**  
Tayade S. Funded by GHETS, USA
  - **Community based study of magnitude of abortion, spontaneous and induced, immediate and late complication and care sought by rural women of two districts of Maharashtra, India.**  
Chhabra S. Funded by ICMR
- Pathology**
- **HPV Ahead**  
Gangane N. Funded by IARC
  - **Expression of ER, PR, HER2/neu, Ki67 and p53 markers in endometrial carcinoma: Clinicopathological implications and prognostic value**  
Shivkumar VB, Atram M, Gangane N  
Funded by MUHS Nashik
  - **Prognostic value of expression of cytokeratin 5/6, EGFR, e-cadherin and p53 in triple negative breast cancers in Central India.**  
Anshu, Gangane N. Funded by MUHS Nashik
- Pediatrics**
- **Every Second Matters for Mothers and Babies: Newborn Respiratory Bundle Study**  
Jain M. Funded by Ujenzi Charitable Trust
- Physiology**
- **Diagnostic utility of electroneuromyography and late responses in cervical radiculopathy.**  
Shende V, Pawar S  
Funded by MUHS Nashik
  - **Study of brainstem evoked response audiometry (BERA) in medical students having long time mobile usage**  
Kothari R, Srivastava SS  
Funded by MUHS Nashik

# Undergraduate Research

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At MGIMS, Sevagram, over the last two decades, efforts have been made to build research aptitude of undergraduate students through provision of a capacity-building workshop followed by participation in community-based group projects under Problem Solving for Better Health initiative (PSBH), and later through a structured research mentorship programme for interested students. These efforts at the institute level succeeded in building a norm, and more and more students came forward to apply for research studentships offered by Indian Council of Medical Research short-term studentship (ICMR STS) and/ or Maharashtra University of Health Sciences short term research grants (MUHS-STRG).

## **ICMR and MUHS short term studentships : Completed projects**

### **Karthik Ingole; Guide: Dr Pranita Waghmare (ICMR-STS)**

ES-31 serine protein with protease activity- A new drug target for *Mycobacterium tuberculosis*: an in vivo study.

### **Cheryl Mankar; Guide: Dr Subodh S Gupta (ICMR-STS)**

Effect of SMS based daily messages on child parent interaction – a quasi-experimental study

### **Laltesh Saran; Guide: Dr Vijayshri Deotale (ICMR-STS)**

Detection of colistin resistance amongst MDR isolates from rural hospital

### **Preksha Wandile; Guide: Dr Deepashri Maraskolhe (ICMR-STS)**

Comparison of culture media for isolation of filamentous fungi from drinking water

### **Naga Nimisha Indugu; Guide: Dr Ruchita Attal (ICMR-STS)**

Culture dependent approaches among the caries pathogens isolated from carious dentine and their emerging drug resistance

### **Snigdha Sharma; Guide: Dr Pradeep Bokariya (ICMR-STS)**

Influence of body shape index on heart rate variability in athletes.

### **Priyanka Joshi; Guide: Dr Abhishek Raut (ICMR-STS)**

When, what and how of complementary feeding: A mixed -methods cross- sectional study from a rural medical college in central India.

### **Harshita Garg; Guide: Dr Akash Bang (ICMR-STS)**

To estimate the incidence of extrauterine growth restriction among babies born in a rural tertiary teaching hospital and find out risk factors associated with it.

**Sujay Sudhir Srivastava; Guide: Dr Ruchi Kothari (ICMR-STS)**

Study VO2 max in athletes on exercise on treadmill and cycle ergometer as assessed in Sports Physiology Laboratory

**Mimansa Dixit; Guide: Dr Sachin Pawar (ICMR-STS)**

Study of obesity as a risk factor for obstructive sleep apnea hypopnea syndrome in rural subjects

**Neha Yadav; Guide: Dr Nitin Gangane (ICMR-STS)**

Family, society and health system support for women with breast cancer in rural India.

**Sujay Srivastava; Guide: Dr Ruchi Kothari (MUHS-STRG)**

Study of visual evoked potentials in school children: A potential aid to pediatric ophthalmology

**Prerna Shelke; Guide: Dr Deepashri Maraskolhe (MUHS-STRG)**

Incidence of fungi in drinking water in a rural hospital

**Saurabh Sharma; Guide: Dr Ruchita Attal (MUHS-STRG)**

Strategies for Carbapenemase detection in *Enterobacteriaceae* and Nil fermenters

### **Dr Sushila Nayar Scheme for Promotion of Undergraduate Research**

In order to nurture the research culture at MGIMS further, in 2014, an annual award was instituted for undergraduate research named after our founder Director, Dr Sushila Nayar. The award session provides a platform for young researchers to hone their skills in presenting scientific research and prepares them for dissemination of research findings in scientific fora.

Beginning 2017-18, the undergraduate award was made part of a comprehensive approach to build a conducive environment for undergraduate research, known as 'Scheme for promotion of undergraduate research', and includes research grants, travel grants, incentives for publication of papers and periodic need based workshops in order to build the research aptitude of undergraduate students.

### **Committee for Promotion of UG Research**

- Dr Subodh S Gupta (Coordinator)
- Dr Kalyan Goswami
- Dr Bhupendra Mehra
- Dr Surekha Tayade
- Dr PN Murkey
- Dr Akash Bang
- Dr Bharati Taksande
- Dr Sachin Pawar
- Dr Ruchita Attal
- Ms Mudita Joshi (Student representative)
- Mr Mohamed Khader Meeran (Student representative)

## Dr Sushila Nayar Short-term Research Grant

### List of students who completed projects under Dr Sushila Nayar Short-term Research Grant

#### Individual Projects

**Sujay Srivastava; Guide: Dr Ruchi Kothari (Physiology)**

Study of visual evoked potentials in school children: A potential aid to pediatric ophthalmology.

**Sakshi Chandak; Guide: Dr Ruchita Attal (Microbiology)**

In vitro detection of virulence factors of *Candida albicans* and non-albicans *Candida* species isolated from samples in ICU patients.

**Yashika Kotla; Guide: Dr Sumedh Jajoo (Medicine)**

Demographics, clinical presentation, complications and outcomes of scrub typhus in central India in a tertiary care teaching hospital: A retrospective analysis of hospital based data.

**Ayushi Sethi; Guide: Dr Jyoti Jain (Medicine)**

Diagnostic accuracy of clinical signs in detecting type of anemia.

**Cheryl Mankar; Guide: Dr Abhishek Raut (Community Medicine)**

Diabetes, depression and quality of life among elderly: An observational cross-sectional study from a tertiary care hospital in central India.

**Prachi Kamble; Guides: Dr Deepashri Maraskolhe (Microbiology), Dr Leena Chimurkar (Pharmacology)**

In vitro antibacterial activity of extract of Rose and *Hibiscus rosasinensis* against *Escherichia coli* isolated from clinical samples.

#### Group Projects

**Shreya Namjoshi, Mimansa Dixit; Guides: Dr Kanchan Mohod, Dr Satish Kumar, Dr Kalyan Goswami (Biochemistry)**

Audit for endocrine assay in a rural tertiary care centre: clinical chemistry lab perspective.

## Dr Sushila Nayar Travel Grant for Undergraduate Students

### List of students who were sanctioned travel grant

#### In-country Travel Grant:

**Snigdha Sharma; Guide: Dr Ruchi Kothari (Physiology)**

Study of psychological wellbeing of medical students at Mahatma Gandhi Institute of Medical Sciences.

MEDSICON 18 (Medical Students International Conference), Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi; 26-29 Apr 2018.

**Prachi Kamble; Guides: Dr Deepashri Maraskolhe (Microbiology), Dr Leena Chimurkar (Pharmacology)**

Invitro antibacterial activity of rose and *Hibiscus rosasinensis* leaf and petals on *E.coli* in tertiary care hospital

TRINITY 2019; Organized jointly by LTMC, Sion, Mumbai and MUHS, Nashik; 7-9 Mar 2019

**International Travel Grants:**

**Sujay Srivastava; Guide: Dr Ruchi Kothari (Physiology)**

Study of VO<sub>2</sub> max in athletes upon exercise on treadmill and cycle ergometer as assessed in sports physiology laboratory.

International Medical Undergraduate Research Conference, University of Jayewardenepura, Sri Lanka; 7-8 Feb 2019.

*(Received second best paper award in the category 'Non-communicable diseases')*

**Cheryl Mankar; Guide: Dr Subodh S Gupta (Community Medicine)**

Effect of SMS based daily messages on child-parent interaction: A quasi-experimental study.

International Medical Undergraduate Research Conference, University of Jayewardenepura, Sri Lanka; 7-8 Feb 2019

*(Received best paper award in the category Primary Health Care)*

**Mudita Joshi; Guide: Dr Abhishek Raut (Community Medicine)**

Maternal depression and its association with responsive feeding and nutritional status of infants: A cross-sectional study from a rural medical college in central India.

International Medical Undergraduate Research Conference, University of Jayewardenepura, Sri Lanka; 7-8 Feb 2019.

**Snigdha Sharma; Guide: Dr Pradeep Bokariya (Anatomy)**

Influence of body shape index on heart rate variability in athletes.

International Medical Undergraduate Research Conference, University of Jayewardenepura, Sri Lanka; 7-8 Feb 2019.

**Akanksha Nath; Guide: Dr Sourav Goswami (Community Medicine)**

Understanding the health needs of elderly population in rural Wardha, central India: a qualitative study.

International Medical Undergraduate Research Conference, University of Jayewardenepura, Sri Lanka; 7-8 Feb 2019.

*(Received second best paper award in the category 'Primary Health Care')*

**Sneha Yadav; Guide: Dr Nitin Gangane (Pathology)**

Family social and health system support for breast cancer patients in rural India.

International Medical Undergraduate Research Conference, University of Jayewardenepura, Sri Lanka; 7-8 Feb 2019.

## **Other Presentations made by Undergraduate students**

### **Sneha Yadav; Guide: Dr Nitin Gangane (Pathology)**

Family social and health system support for breast cancer patients in rural India  
Global health summit, Mumbai. GS Medical College and Hospital, Mumbai; 27-28 Dec 2018  
*(Received 3rd Best Paper Award in All-Inclusive Category in the Young Investigator Research Competition)*

### **Snigdha Sharma; Guides: Dr Pradeep Bokariya, Dr Ruchi Kothari**

A promising fitness parameter unleashed yet to be explored: body shape index  
MUHS State Level Research Conference for Medical Faculty at Maharashtra Institute of  
Medical Education & Research (MIMER), Pune  
*(Second prize under category of completed funded research projects)*

## **Incentives for scientific publications by Undergraduate Students**

### **List of students selected**

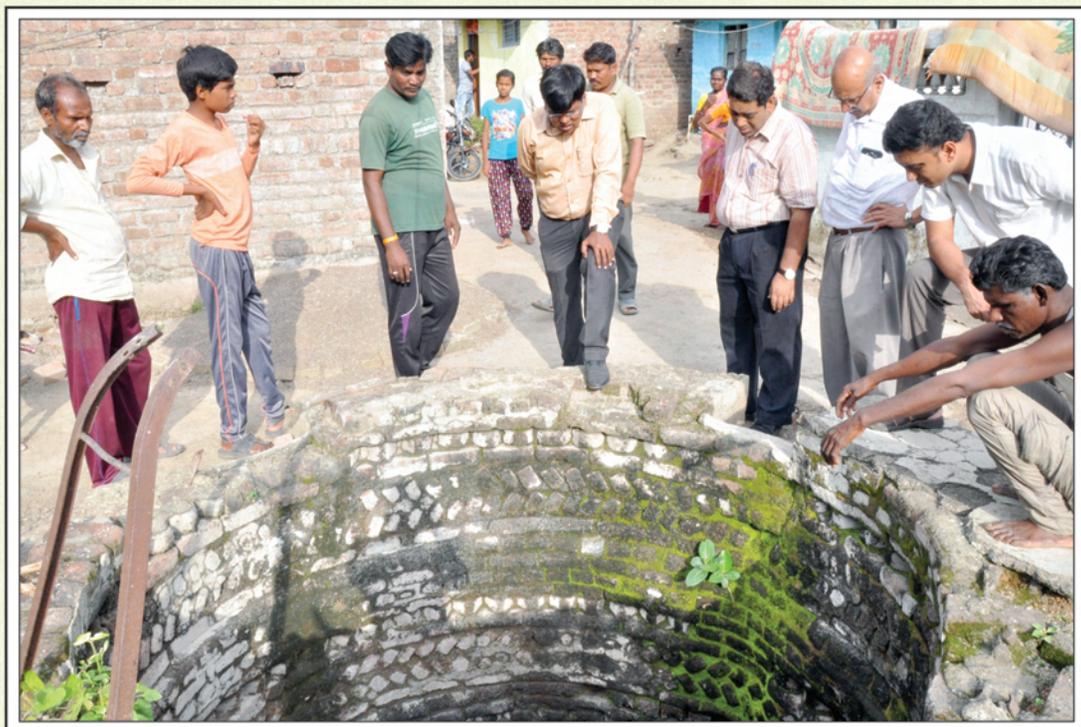
#### **Anurag Rathi**

Rathi A, Ransing RS, Mishra KK, Narula N.

Quality of sleep among medical students: Relationship with personality traits.  
*J Clin Diagn Res* 2018; 12(9):1-4.



Faculty and participants of a Workshop on Quality Improvement for ASHA facilitators



Faculty from Dept of Community Medicine  
investigating a dengue epidemic in Kelapur village



Villagers of Mandwa creating a social map of their village



Shri S Chockalingam, IAS, Commissioner (Dept of Settlement and Land Records), Govt of Maharashtra, inaugurating the free diagnostic camp organized at Dr Sushila Nayar Hospital in Utawali (Melghat)

There is no higher religion than human service.  
To work for the common good is the greatest creed.  
-Albert Schweitzer

“In 2018-19, 1041721 outpatients visited MGIMS and 51818 inpatients received indoor care. 115853 patients were seen in the community or in diagnostic camps. 10777 health insurance cards were issued.”

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# SERVICE

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# Hospital

## OPD Patients' Visits

Speciality	New 2018-19	Repeat 2018-19	Total 2018-19	Total 2017-18
Alternative Medicine	1362	339	1701	4210
Arogyadham	1164	685	1849	0
Dentistri	16386	16264	32650	28046
Dermatology	37839	33788	71627	59772
Emergency	34008	743	34751	32631
ENT	31867	22690	54557	50033
General OPD	88195	107865	196060	190440
Medicine	62554	87680	150234	144482
Neurosurgery	2348	2067	4415	2137
Obst. & Gynae	19927	47050	66977	62974
Ophthalmology	30041	16216	46257	42881
Orthopedics	47249	30665	77914	76351
Pediatrics	16047	27036	43083	39969
Peripheral Services	115853	-	115853	130304
Physiotherapy	9721	7133	16854	15703
Psychiatry	6801	15305	22106	18184
Radiotherapy	1105	15595	16700	17207
Surgery	46083	42050	88133	79999
<b>Total</b>	<b>568552</b>	<b>473171</b>	<b>1041721</b>	<b>995323</b>

## In-Patients

Year	2018-19	2017-18	Speciality	2018-19	2017-18
Beds	690	690	Medicine	11582	11401
Admissions	51818	50825	Obst. & Gynae	10347	10238
Adm/Day	141.9	139.2	Pediatr & Neonatol	9793	9380
Bed Occp.(%)	126	118.5	Surgery	5577	5412
Avg Stay (days)	5.8	5.6	Ophthalmology	7048	7642
Deaths	1217	1422	Orthopedics	2195	2249
			ENT	1122	1052
			Psychiatry	461	430
			Dermatology	463	462
			Neurosurgery	396	121
			Radiotherapy	2370	2253
			Emergency	424	185
			Arogyadham	40	-

**MEDICINE**

	2018-19	2017-18
Beds	139	140
Admissions	11582	11401
Adm/day	32	31.2
Deaths	718	911
Bed Occp (%)	102.1	97.1
Avg Stay (days)	5	4.4

**PSYCHIATRY**

	2018-19	2017-18
Beds	30	30
Admissions	461	430
Adm/day	1	1.2
Deaths	1	0
Bed Occup (%)	59.4	41.6
Avg Stay (days)	14	10.6

**DERMATOLOGY**

	2018-19	2017-18
Beds	30	30
Admissions	463	462
Adm/day	1	1.3
Deaths	2	1
Bed Occp (%)	25.9	25.4
Avg Stay (days)	6	6

**SURGERY**

	2018-19	2017-18
Beds	120	120
Admissions	5577	5412
Adm/day	15	14.8
Deaths	89	100
Bed Occup (%)	99.1	96.1
Avg Stay (days)	8	7.8

**ORTHOPEDICS**

	2018-19	2017-18
Beds	60	60
Admissions	2195	2249
Adm/day	6	6.2
Deaths	9	12
Bed Occup (%)	102.9	104.7
Avg Stay (days)	10	.2

**ENT**

	2018-19	2017-18
Beds	30	30
Admissions	1122	1052
Adm/day	3	2.9
Deaths	3	3
Bed Occp (%)	98.8	76.5
Avg Stay (days)	10	8

**OBSTETRICS & GYNECOLOGY**

	2018-19	2017-18
Beds	90	90
Admissions	10347	10238
Adm/day	28	28
Deaths	5	7
Bed Occp (%)	248.1	233.8
Avg Stay (days)	8	7.5

**PEDIATRICS & NEONATOLOGY**

	2018-19	2017-18
Beds	60	60
Admissions	9793	9380
Adm/day	27	25.7
Deaths	219	222
Bed Occp (%)	235.9	226.8
Avg Stay (days)	5	5.3

**OPHTHALMOLOGY**

	2018-19	2017-18
Beds	60	60
Admissions	7048	7642
Adm/day	19	20.9
Deaths	0	1
Bed Occp (%)	77.7	87.7
Avg Stay (days)	2	2.5

**NEUROSURGERY**

	2018-19	2017-18
Beds	10	10
Admissions	396	121
Adm/day	1	0.3
Deaths	23	11
Bed occp (%)	178	60.9
Avg Stay (days)	16	18.4

**RADIO THERAPY**

	2018-19	2017-18
Beds	30	30
Admissions	2370	2253
Adm/day	7	6.2
Deaths	28	33
Bed occp (%)	63.2	62.1
Avg Stay (days)	3	3

**ACCIDENT & EMERGENCY**

	2018-19	2017-18
Beds	0	0
Admissions	424	185
Adm/day	1	0.5
Deaths	10	11
Bed occp (%)	-	-
Avg Stay (days)	2	1.6

**AROgyADHAM**

	2018-19
Beds	0
Admissions	40
Adm/day	0.1
Deaths	0
Bed occp (%)	0
Avg Stay (days)	5.3

**UTAWALI PROJECT, MELGHAT**

Speciality	OPD	IPD
Ob/Gyn	2020	388
Pediatrics	1549	305
Ophthalmology	2760	333
Medicine	2800	55
Surgery	103	12
ENT	18	-
Dermatology	106	-
Orthopedics	9	-
Dentistry	9	-
<b>Total</b>	<b>14240</b>	<b>1093</b>
<b>Camp</b>	<b>6538</b>	

**PERIPHERAL SERVICES**

Community Medicine	47896
Community Ophthalmology	53604
Utawali Community Clinics	1728
Utawali Perinatal Clinics	1629
Rural diagnostic camps	10996
<b>Total</b>	<b>115853</b>

**RADIO THERAPY**

Head and Neck	435
Female Genital tract	177
Breast	189
Gastrointestinal tract	113
Bone / Soft tissue/ Skin	33
Lung	43
Lymphoma/ Leukemia	32
Kidney & Bladder	24
Brain	44
MGT	29
Liver/GB	26
Miscellaneous	45
<b>TOTAL</b>	<b>1188</b>

**Chemotherapy 2497**

**OBSTETRICS & GYNECOLOGY**

Caesarian sections	456
Deliveries	5320
Hysterectomy	494
Laparotomy	216
Ovarian Tumours	96

**Investigations**

Laparoscopy	32
Hysteroscopy	15
D & C, Biopsy	1086
Colposcopy	1026

**Family Planning**

Female Sterilizations	1038
MTP	246
Male Sterilizations	4

**DENTAL**

Extractions	1431
Oral prophylaxis (scaling)	2063
Root canal treatment	858
Restorations (fillings)	840
Dentures	85
Partial dentures	147
Fixed partial denture	105
Ortho t/t (straight wire technique)	60
Ceramic crowns & Bridges	623
Zirconia crowns	6
Others	542
Dental X-ray	4439
Minor surgeries	648

**OPHTHALMOLOGY**

IOL Implantation	5935
ICCE/ECCE	13
Glaucoma	133
Oculoplasty	90
Keratoplasty	17
DCR/DCT	337
Squint & Orbit	13
Retina	197
LASIK	119
Other extraocular	101
Other intraocular	32

**ENT****Ear**

Mastoid Exploration	27
Tympanoplasty	47
Stapedectomy	1
Polypectomy	9
Ear lobe repair	46
Foreign body	13
EUM	41
TCA application	13

**Nose**

Septoplasty	34
Fracture reduction	134
Maxillectomy	9
Caldwell Luc	2
FESS	40
DCR	31
DNS	185
Endoscopy	138
Minor	306

**Throat**

Laryngoscopy	10
Tonsil and Adenoids	28
Pan endoscopy	2
Esophagoscopy	27
Mandibulectomy	52
Foreign Body	7
Thyroidectomy	23
Tracheostom	62
Abscess	78
MLS	22
Cyst excision	139

**ANESTHESIA**

General	3690
Regional	5070
IV Anesthesia	901
PAC OPD	9674

**MEDICINE**

Gi Endoscopy	187
Hemodialysis	4064
Angioplasty	170

**OPERATIONS & PROCEDURES**

Speciality	Major	Simple	Minor	Laparoscopy	Total
Ob/Gyn	3106		3390	43	6539
Surgery	1443	34	1297	231	3005
Orthopedics	1324		220	-	1544
Ophthalmology	401	6319	169	-	6889
ENT	720	-	160	-	880
Neurosurgery	235	-	3	-	238
Cardiac surgery	40	-	-	-	40
Dentistry	-	1431	648	-	2079
Utawali Project	383	20	175	-	578
<b>Total</b>	<b>7652</b>	<b>7804</b>	<b>6062</b>	<b>274</b>	<b>21792</b>

**Speciality Clinics****ALTERNATIVE MEDICINE**

Ayurveda	407
Katibasti	35

**ENT**

BOA	60
Pure Tone Audiometry	1506
Impedance audiometry	143
Hearing Aid Trial	186
Speech therapy/ Evaluation	896
Voice Clinic (Stroboscopy)	1750

**FORENSIC MEDICINE**

Postmortems	358
Clinical Forensic Medicine Unit	2960

**OPHTHALMOLOGY**

Intraocular lens	5935
Retina and diabetes	1206
Cornea & Contact lens	282
Glaucoma	285
Refractive Clinic	312
Trauma	582
Oculoplasty & Orbit	452
Squint, Ped & Neuro-ophthalm	306
LVA	10

**MEDICINE**

Cardiology	1205
Dialysis	4069

**ARTIFICIAL LIMB CENTRE**

Splints & Orthoses	8763
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**DERMATOLOGY**

Autoimmune disorders	697
Hansen's Clinic	534
Psoriasis Clinic	476
Contact dermatitis Clinic	611
Pigmentary disorders	640
Vesiculobullous disorders	546
STD Clinic	3724

**OBSTETRICS & GYNECOLOGY**

ANC	35642
PNC	8802
Primary infertility	824
Secondary infertility	374

# General OPD

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General OPD is the unique feature of MGIMS which is run by the Department of Community Medicine. It serves as a linkage between peripheral health activities and Kasturba Hospital, Sevagram. It works as a replica of a Primary Health Centre in a teaching hospital. It was started basically to reduce the workload of specialists so that they can devote more time to needy and complicated patients.

<b>Immunization clinic</b>		<b>TUBERCULOSIS AND LEPROSY CLINIC</b>	
TT	273	<b>Tuberculosis</b>	
BCG	5106		DOTS (Directly Observed Treatment Short-course) for Tuberculosis was started in Wardha District on 21 July 2002. Under this programme, one microscopy centre and one DOTS centre catering to three nearby villages have been established in the G-OPD. 649 new patients of tuberculosis were registered under DOTS this year. Of the 1736 chest symptomatics screened, 170 were positive for acid fast bacilli.
OPV	7589	<b>Leprosy</b>	
Pentavalent Vaccine	2414		This year 30 patients with leprosy (36 multi-bacillary and 10 paucibacillary) were registered with the leprosy clinic.
DPT B	100		
IPV	1651		
Hepatitis B	1878		
Psychosocial Cell	2330		

## **EPIDEMIOLOGICAL SURVEILLANCE**

Under the activity of Epidemiological Surveillance Unit, daily data is collected from the hospital wards especially Medicine, Pediatrics and Skin based on the standard definition given for each disease. Investigation and follow up are carried out for all these patients. Depending upon the need, necessary action is taken for its control. The report is finally sent to the district authorities. During the last year, epidemiological surveillance was done for 484 patients suffering from various communicable diseases.

## Investigations

### Pathology

**Total Investigations: 510935**

#### Clinical Pathology OPD:221834

CBC (automated counter)	64271
Peripheral smear	78617
PS for malarial parasite	33
Blood grp and Rh typing	10191
Bence Jones proteins	22
Hemoglobin	71
Sickling	5022
AEC	1082
TLC/DLC	194
BT/CT	424
Stool (occult blood)	418
ESR	2691
Urine	58453
CSF cytology	345
<b>Cytology : 30470</b>	
Cervicovaginal smears	860
FNAC	4092
FNAC (guided)	172
Body fluids	1433
Sputum	26
Endometrium	979
Bronchial wash	14
Miscellaneous	70
Total specimens	7646
Total smears	30470

#### Histopathology : 17269

Specimens	6818
Paraffin blocks	17629
Autopsies	52
Frozen sections	102
<b>Hematology : 151177</b>	
CBC	62479
Peripheral smear	47863
ESR	1035
Bone marrow	59
Sickling	5147
AEC	64
Reticulocyte count	1477
G6PD	27
Indirect Coombs' test	210
Direct Coombs' test	261
Osmotic fragility	2
HBsAg	19058
Ser protein electrophoresis	17
Hb electrophoresis HPLC	1733

#### Blood Bank : 89009

<b>Blood grouping and Rh typing</b>	
In patients	34448
In donors	13222
Subgrouping A1 & A2	1853
Blood bags collected	6611
Total screening tests	32972
<i>Total units issued</i>	
Whole blood	3790
Packed red cells	2724
Platelet concentrate	2308
Fresh frozen plasma	1733
Total cross match	6514
Blood donation camps	53
Blood issued to	
Thalassemia patients	513
SCD patients	215

#### Coagulation Lab

Prothrombin time	6751
APTT	11745

#### Special investigations : 816

Immunohistochemistry	738
HLA B27	76
Immunophenotyping	2

### Biochemistry

**Total investigations: 403449**

#### Blood/Serum

Sugar/Glucose	66060
Cholesterol	187
Lipid Profile	5459
CPK/CK MB	178
Chloride	371
Liver Panel	27612
Lipase	2525
Amylase	2359
Liver enzymes	3688
Urea	38609
Creatinine	53214
Sodium	55393
Potassium	57826
Calcium	4735
Phosphorus (Inorg)	1080
ABG	2999

Albumin	272
Renal Panel	16558
Ser. Osmolarity	783
LDH	2000
Bilirubin	5772
Alk Phosphatase	162
GTT	506
Uric Acid	2169
ADA	111
Troponin T	4794
Lactate	1993
Bicarbonate	7
GGT	172
Cholinesterase	464
Urea Nitrogen	21

Albumin	458
Tri-glyceride	100
Glucose, Protein (Pus)	6
LDH, CHO, HCO <sub>3</sub> , Cl	446

#### Urine

24 Hrs Albumin	30
Creatinine	38
Sodium	304
Potassium	265
Ca & Chloride	9
Protein: Creatinine ratio	220
Microalbumin	36
Osmolality	612
Others	26

#### Other Fluids

Sugar/Glucose	1077
Proteins	1522
Chloride+phosphate	245
Amylase	121

#### Special Investigations

(Hormones, Tumor Markers, TORCH, etc.)	39855
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## Investigations

### Microbiology

**Total Investigations : 114174**

**BACTERIOLOGY : 26167**

<b>Culture</b>	<b>21611</b>	Ear swab	1	Scrotal swab	1
<b>Aerobic</b>	<b>20503</b>	Endometrial tissue	5	Skin scrape	2
Aqueous fluid	33	Endotracheal aspirate	228	Sputum	703
Ascitic fluid	240	Foreign Body	3	Stool	287
Aspirate	210	Gastric aspirate	9	Surgical specimen	20
Blood	4500	Hydatid fluid	0	Synovial fluid	17
Blood bags	69	IC Water	60	Throat swab	20
Bronchial washing	2	Lochial swab	14	Tissue	56
CSF	423	Nipple Discharge	1	Tracheal swab	33
Cervical swab	476	Oral swab	2	Umbilical swab	10
Conjunctival swab	220	POCs	4	Urine	9096
Corneal scrapping	28	Pleural fluid	321	Vaginal swab	494
Corneal swab	3	Pus	923	Vitreous fluid	5
Discharge	8	Recipient corneal ts	12	Vulval swab	5
Donor Corneal rim	16			Whole blood	40
Drain	128			Wound swab	1772
				Nasal Swab	3
<b>Anaerobic :</b>	<b>1108</b>				
Routine	20	Infection Control	685	PHCOT	403
<b>Microscopy:</b>	<b>4556</b>				
DGI	1				
Wet mount	716	Gram staining	3130	Hanging drop	709

### SEROLOGY & IMMUNOLOGY : 82994

<b>Bacteriology :</b>	<b>30087</b>	Scrub Rapid	4535	VDRL	5336
ASO	314	Scrub ELISA	5711	Rapid Syphilis	9
CRP	8623	RA	1342	Widal	585
Lepto IgM Rapid	411	TPHA	2	ELISA Typhi	3
Lepto IgM ELISA	127			Entero screen	3089
<b>Parasitology:</b>	<b>8003</b>				
Malaria Rapid	8003				
<b>Virology :</b>	<b>44904</b>	HEV Rapid	335	Dengue IgM	
HIV Rapid	13465	HEV ELISA	43	ELISA	6857
HIV ELISA	108			Dengue NS1	
HAV Rapid	360	HCV Rapid	13304	ELISA	9957
HAV ELISA	49	HCV ELISA	426		

### PARASITOLOGY : 132

<b>Microscopy:</b>	<b>132</b>
Wet mount	132

<b>MYCOBACTERIOLOGY : 4113</b>					
<b>Culture :</b>	<b>514</b>				
LJ	12	MGIT	298		
DRT + LJ	16	MGIT Culture + DRT	188		
<b>Microscopy :</b>	<b>3599</b>			Slit Skin Smear	1328
Fluorescent	47	ZN	2224		
<b>MYCOLOGY : 768</b>					
<b>Culture :</b>	<b>71</b>	Discharge	2	Sputum	3
Aspirates	1	Donor Corneal rim	13	Tissue	2
Aq. fluid	1	Nail	3	Vitreous fluid	3
Biopsy	1	Hair	1		
CSF	2	Pus	5		
Corneal scraping	21	Pleural Fluid	1		
		Recipient	11		
		corneal tissue			
		Surgical Specimen	1		
<b>Microscopy : 697</b>		India Ink	21		
KOH	676				
<b>ANATOMY</b>		<b>PHYSIOLOGY</b>		<b>RADIOLOGY</b>	
Cytogenetics	146	<i>Neurophysiology Unit</i>		X Rays	122710
<b>FORENSIC MEDICINE</b>		NCV & EMG	557	USG	36924
Toxicology	3292	VEP	935	CT	8631
		BERA	404	MRI	3596
<b>MEDICINE &amp; CARDIOLOGY</b>		<i>Reproductive Biology Unit</i>		IVU	396
ECG	12369	Semen Analysis	475	Mammography	282
Echocardiography	389			Barium Swallow	104
TMT	36	<b>PSYCHIATRY</b>		Barium Meal + FT	22
PFT	86	EEG	213	Barium Enema	15
Side lab	875	ECT	12	HSG	38
Coronary Angiography	538			Sinography/Fistulography	15
Ambulatory BP Monitoring	3			MCU RGU/Cystography	102
				T tube cholangiography	3
				Dacryo Cystography	4
				Loopogram	7
				Interventional	2

# Community Activities

## Department of Community Medicine

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### Women's Self-Help Groups

Self-Help Group (SHG) is a very effective tool not only for women's empowerment, but also for overall development of the community. The Department of Community Medicine fully appreciates the critical link between women's empowerment and health empowerment and considers the involvement of women's self-help groups (SHGs) to be the key to the success of any health programme. The Department has now achieved the formation of 3-4 SHGs per village in all the villages of its field practice area; viz. PHC Anji, Kharangana, Gaul and Talegaon. With passage of time, the members of SHGs have learnt to manage their groups individually and have developed as member-owned and member-managed institutions. The Department provides assistance to SHGs to add a health action agenda to their primary financial function (finance plus) so that the women are able to determine health priorities and to play a pro-active role in health care delivery in their villages. A total of 239 Self-Help Groups were functioning on 31 Mar 2019 in the adopted villages of the Institute: Anji PHC area (56), Gaul PHC area (12), Kharangana (77), Talegaon PHC area (69), Wardha Urban Health Centre adopted area (25). All the SHGs are linked with banks and have updated member account books.

### Kisan Vikas Manch

Kisan Vikas Manch (Farmers' club) has evolved as a way to involve men in the health activities at village level. The programme provides learning opportunities for members to improve their agricultural yield and in turn improve their economic status. The health action agenda is added to the primary purpose so as to empower them to actively participate in the health programme. A total of 13 Kisan Vikas Manch (KVM) were functioning on 31 Mar 2019 in the adopted villages of the Institute. In Anji PHC area, a federation of all the Kisan Vikas Manch from the villages had been formed in Dec 2008. This is being utilized as a platform to strengthen health agenda among the men in the program. An E-Chaupal center has been

established at Anji for the federation of KVM. This centre will be utilized for training of KVM members. A resource centre for Kisan Vikas Manch has been developed at KRHTC, Anji.

### Adolescent Girls' Groups (Kishori Panchayat)

The Department of Community Medicine has taken an initiative to form groups of non-school going adolescent girls in several villages in Anji, Gaul, Kharangana and Talegaon PHC areas. At the village level, an elected body of the adolescent girls has been formed, which is known as Kishori Panchayat. Adolescent-to-adolescent education program is undertaken in all the villages through these groups. These groups have been oriented towards the issues of adolescent health, maternal health, child survival, environmental health, family life education, RTI/ STD, HIV/ AIDS etc. In turn, these girls will train their peers and younger adolescents in their villages. The elected body also provides a mechanism for adolescent girls to participate in decision-making at village level. Apart from health issues, other village development related issues are also discussed with this group. The programme ultimately aims to produce leadership qualities in the adolescents and utilize them for health action at village level. The Department has successfully formed Kishori Panchayats in almost all villages of its field practice area. There are a total of 89 Kishori Panchayats functional in the three PHC areas adopted by the department: Anji PHC area (24), Gaul PHC area (12), Kharangana (26), Talegaon PHC area (22) and UHC (06). For the members of the Kishori Panchayat, various training programmes on nutrition, pregnancy and newborn care, health and sanitation, menstrual hygiene, safe motherhood, first-aid etc. were taken up. Peer educators were identified from the members of Kishori Panchayat and they have been trained for HIV/AIDS awareness in a workshop setting. A number of Kishori Panchayat members have taken up responsibility of imparting health education to pregnant and post-natal mothers. These

groups have become an excellent means to create health awareness among the adolescent girls. A resource centre for Kishori Panchayat was developed at the RHTC, Bhidi in 2008-09.

### **Village Health Worker Scheme**

The Department has ensured one Village Health Worker per 1000 population in all the villages under its field practice area. Majority of them have been converted to ASHA (Accredited Social Health Activist) under the NRHM programme. They have been given continuing support on their training for treatment of minor illnesses and IMNCI training by the Department of Community Medicine.

### **Health Insurance**

Health insurance has been one of the important activities in the programme villages. The VHNSC members have accelerated their activity in respect to insurance coverage in their village with the Kasturba Health Society and a total of Rs. 43,44,110 has been collected for insurance coverage for the period Jan-Dec 2018. This includes full insurance coverage of 599 community based organizations and 39 villages.

### **Continuing Education Programme for Anganwadi Workers**

Continuing education programme for the Anganwadi workers are being done in the three PHC areas adopted by the Department of Community Medicine. These continuing education programmes aimed at improving the skills of Anganwadi workers. During these training programmes, efforts are made to provide workers with training on health as well as other issues of Early Childhood Development.

### **Health and Nutrition Day at village level**

The Department of Community Medicine promoted Bal Suraksha Diwas (Child Survival Day) on a monthly basis in all the villages of the three PHC areas under the Department. The Bal Suraksha Diwas is an expansion activity of the existing Immunization Day being observed in villages through the Primary Health Centres. Apart from immunization, the activities on the Bal Suraksha Diwas include health and weight check-up of children of 0-3 age group, ANC check-up, PNC check-up and nutrition and health

education. The Village Health Worker, members of SHGs and adolescent girls are being encouraged to participate actively during the Bal Suraksha Diwas. The Village Health Nutrition and Sanitation Committee have been entrusted with the responsibility of organizing the day and also ensuring that the beneficiaries access the services. The active participation of the Village Health Nutrition and Sanitation Committee members has led to increased turnouts of beneficiaries during the Health and Nutrition Day at village level and thus increased coverage with maternal and child health services.

### **Continuing Education Programme for the Health Workers**

Continuing education programme has also been started for health workers from the three PHC areas (viz. Anji, Gaul and Talegaon). A total of 60 health workers from these PHC areas participate in the one-day continuing education programme every month, which is aimed to improve their skills in delivering Reproductive and Child Health Services in the community.

### **Family Life Education through Schools**

Propounding the need for Family Life Education (FLE) for adolescent girls, the Department of Community Medicine has facilitated family life education in all the high schools and junior colleges of the three adopted PHC areas. Following this, the trained teachers have started imparting family life education in the respective schools and junior colleges. At RHTC, Bhidi, 73 sessions were conducted in eleven schools, while 42 sessions in four schools were conducted at KRHTC Anji. In Kharangana 114 sessions were conducted in 10 schools, in Talegaon 46 sessions were conducted in six schools, while 21 sessions were conducted in five schools at UHC, Wardha.

### **World Health Day 2018**

A postgraduate symposium titled "Universal Health Coverage: Everyone, Everywhere" was organized on 7 Apr 2018 on the theme announced on World Health Day 2018. In collaboration with the National Service Scheme, Kasturba Nursing School and Kasturba Nursing College, a poster contest, a slogan contest and a role play contest were also organized.

# Health Assurance Scheme

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## Key Features

- Creates health consciousness in community
- Aims at integrating development of the community in the village
- Makes people aware of powers of self-assertion and collective resistance. People contribute for their health and their village
- Gives more strength to Gram Sabha. Makes it accountable for village health. Forces it to take decisions for village development.
- Provides health care facilities at doorsteps and arranges for hospitalization of those who need it.
- Avoids charity. Creates awareness of human rights.
- Brings women out of cloud of darkness, silence and helplessness into the mainstream of development.

## Scheme 2019

Health Assurance type	Cards	Members
Family	20202	89523
Village	44951	155847
Jawar	3499	11019
Village Institutional	37666	132884
Institutional	2455	4812
<b>Total</b>	<b>107773</b>	<b>394085</b>

## Patients seen at Rural and Urban Health Centres

Urban Health Centre, Wardha	<b>9357</b>
Rural clinics, Anji PHC area	<b>14593</b>
Rural clinics, Gaul PHC area	<b>7041</b>
Rural clinics, Talegaon PHC area	<b>10527</b>
Rural Clinic, Kharangana (Gode)	<b>1406</b>
Rural Clinics, UHC	<b>3378</b>
Geriatric OPD at UHC	<b>334</b>
Specialist Visits at Anji (Patients)	<b>255</b>
Field visit patients	<b>1005</b>
<b>Total</b>	<b>47896</b>

# New Equipment

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## **Anesthesia**

High flow Oxygen Therapy System  
Convective patient warming system  
BronchoflexVideo endoscope  
Multipara Monitors  
Air sampling system  
Mannequins for NELS project

## **Dermatology**

Laser Machine NDYAG & Diode

## **Medicine**

Mechanical Ventilators- 5  
Hemodialysis machines- 4

## **Ophthalmology**

Operating Microscope with XY Translator  
Operating Microscope with Accessories

## **Medicine**

Mechanical Ventilator  
Hemodialysis machines

## **Pathology**

Plasma Freezer

## **Pediatrics**

Pulse oxymeter  
Flow O2 blenders  
Heater Humidifier high flow nasal cannula  
Transfer Incubators  
Maquet battery  
Scrub sink single bay mountfoot operated)

## **Psychiatry**

EEG Machine

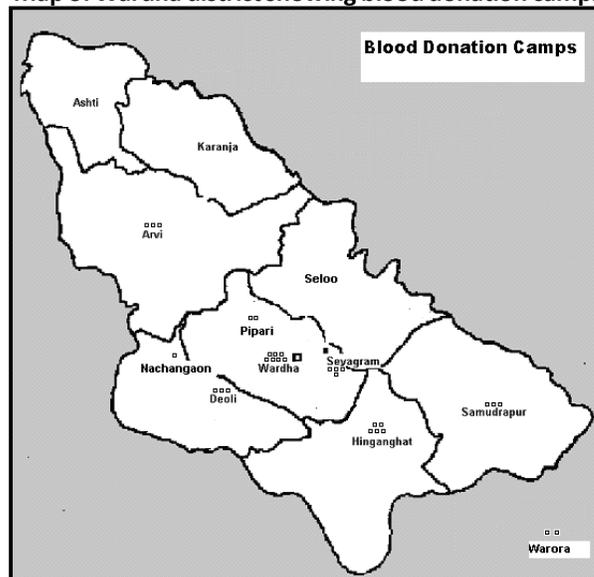
## **Radiotherapy**

Dual Energy with electron Linear Accelerator  
ClinaciX (compatible with IMRT)

# Blood Donation Camps

- Bhartiya Janta Yuva Morcha, Wardha
- Bajrang YuvaKrida Mandal, Akoli
- Prahar Janshakti Party, Parda
- Dr BR Ambedkar Blood Donation Camp, held at Sevagram Blood Bank
- Jivhala Sevabhavi Bahuuddheshiya Sanstha, Wardha
- Maharogi Seva Samiti, Anandvan, Warora
- World Blood Donor Day, Blood Bank, Sevagram
- Sant Nirankari Mandal, Hinganghat.
- Bahujan Samaj Party, Wardha
- Acharya Shrimannarayan Polytechnic, Pipri, Wardha
- Dr BR Ambedkar Arts & Science Jr. College, Hinganghat
- Aamhi Bhartiya Samajik Sangathana, Hinganghat
- B D College of Engineering, Sevagram
- Yuva Mitra Pariwar, Bahuuddheshiya Sanstha, Pulgaon
- Wagadi Foundation, Samudrapur
- Shivsena & Yuvasena, Savali (Wagh)
- Jai Bhavani Mata Charitable Trust, Hinganghat
- Prahar Vidyarthi Sangathana, Wardha
- Shrikrushnadas Jajoo Gramin Seva Mahavidyalay, Pipri (Meghe)
- NSS Unit Blood Donation Camp, Mahatma Gandhi Institute of Medical Sciences, Sevagram
- Ekta Chalak Malak Sangathana, Wardha
- National Voluntary Blood Donation Day, SBTC Mumbai held at Blood Bank, Sevagram.
- Shwas Seva Sanghthna, Hinganghat
- Mahila Seva Mandal, Wardha
- Maharashtra Rajya Parathmik Shikshak Samiti, Wardha
- Lions Club Wardha Trust, Wardha
- Rabbani Educational Foundation, Hinganghat
- Jaishree Gurudev Seva Mandal, Dhamangaon (Wathoda)
- Shri Gurudev Seva Mandal, Paikmari
- Maheshwari Navyuvak Mandal, Wardha
- Gurudwara Seva Samiti, Wardha
- Uttam Value Steels Limited, Bhugaon, Wardha
- Kalpataru Buddha Vihar and Prahar Janshakti Paksha, Veer Bhagatsingh Ward, Hinganghat
- Shri. Sant Barhanpure Maharaj Krishi Tantraniketan, Mandgaon
- PraharJanashakti Paksha at Gram Panchayat Office, Rasulabad,
- Jivhala Seva bhavi Sanstha, Wardha
- 18th Dr Sushila Nayar Memorial Blood Donation Camp, MGIMS, Sevagram.
- Panjabi Sewa Samiti, Wardha
- Prahar Vidhyarthi Sangathna, Mandgaon, Wardha
- Tilak Shardsav Mandal and Subhash Mandal, Hinganghat
- Shivsena District Office, In front of Thakre Market, Wardha
- Anand Niketan College of Agriculture, Anandwan, Warora
- Maheshwari Navyuvak Mandal, Wardha
- Shiv Jayanti UtsavSamiti, Seloo
- Vandaniya Rashtrasant Tukadoji Maharaj Punyatithi Utsav Samiti, Karanji (Kaji)
- Kalar (Kalal) Samaj Yuva Mandal, Wardha.
- Prahar Janashakti Paksh and Padmashanti Samaj, Hinganghat
- Prahar Janashakti Paksh, Kandhali
- Seema Computer Typing Institute, Laxmi Nagar, Wardha
- Shiv Jayanti UtsavSamiti, Karanji (Bhoge)
- Yuvasangharsh Sanghatna and Shiv jayanti Utsav Samiti, Seloo
- Parampujya Paramatma Ek Sevak Mandal, Dahegaon (Gosavi), Kelzar
- Prahar Janakshiti Paksha,Pulgaon
- Veer Bhagatsingh Gramin Vikas Bahuuddeshiya Sanstha, Seloo

Map of Wardha district showing blood donation camps



# MGIMS' Participation in National Health Programmes

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## **Universal Immunization Programme (UIP)**

The maternal and child health cell in Kasturba Hospital is located in the General OPD. All vaccines under UIP are provided through the maternal and child health cell. Apart from this, we provide support during conduct of Village Health and Nutrition Days in villages under the three Primary Health Centres of Wardha district. Village Health Nutrition Day is arranged every Tuesday at the urban Health Training Centre in collaboration with the District Health System to provide immunization services under Universal Immunization Program to the urban and peri-urban community from field practice area.

## **Integrated Management of Neonatal and Childhood Illnesses (IMNCI)**

The Department of Community Medicine has provided support to the district health system in implementation of IMNCI. It provides training in IMNCI to all the staff of the three Primary Health Centres under the Institute.

## **Integrated Counseling and Testing Centre (ICTC)**

The Department of Obstetrics and Gynecology operates an ICTC center in its OPD under the National AIDS Control Programme.

## **Revised National Tuberculosis Control Programme (RNTCP)**

The General OPD in the hospital operates a microscopy and a DOTS center under the RNTCP. An additional RNTCP designated microscopy centre is run at the Urban Health Centre in Wardha. The Mycobacteriology laboratory located in the Department of Microbiology is an RNTCP certified laboratory for culture and drug susceptibility testing (DST) for first line anti-TB drugs on solid media.

## **National Leprosy Elimination Programme (NLEP)**

Out-patient and inpatient services for leprosy patients and Survey, Education and Treatment are provided as part of National Leprosy Elimination Programme through Gandhi Memorial Leprosy Foundation.

## **Integrated Disease Surveillance Programme (IDSP)**

A regular programme for epidemiological surveillance is operational for several years. This was further strengthened after launch of IDSP in Wardha district. Under the Epidemiological Surveillance activity, daily data is collected from the Kasturba Hospital based on standard definition given under IDSP. Information regarding all the cases of communicable diseases availing OPD or inpatient services in Kasturba Hospital is reported on telephone to the district health authorities. A weekly report is also submitted to the district health authorities regularly. During the year 2018-19, a total of 484 cases of various communicable diseases were reported to the district health system. The institute provides consultation and helps the district health system in investigations of epidemics.

## **Integrated Child Development Services**

Continuing education programmes for the Anganwadi workers are being provided in the three PHCs with the Institute. Training of Anganwadi workers on early childhood development has been done by the Department of Community Medicine. The Department of Community Medicine is the nodal centre for supportive supervision and monitoring of ICDS for the state of Maharashtra.

### **National AIDS Control Programme**

The institute runs 'Vihaan' centre for People Living with HIV-AIDS (PLWHA) under National AIDS control programme to facilitate compliance to Anti-retroviral therapy and social welfare of PLWHA.

### **National Cancer Control Programme**

The Department of Pathology initially started working as part of the National Cancer Atlas Project of NRCP in 2002. The Department started functioning as a regular Population based Cancer Registry of Wardha district since February 2010 in collaboration with the National Cancer Registry Programme of ICMR. The registry aims to record all cancer case from from the urban and rural areas of Wardha district. It covers an area of 6306 sq km and includes eight talukas of Wardha, Deoli, Hinganghat, Samudrapur, Seloo, Karanja (G), Arvi and Ashti. Incidence and mortality data are actively collected and registered from various hospitals, pathology labs as well as practitioners of alternative medicine and government offices which record vital statistics.

The Department of Obstetrics and Gynecology conducts cervical cancer screening camps and trains medical officers and nurses for downstaging of cancer cervix. Colposcopy, Pap smears and cervical biopsies are performed as indicated.

### **National Rural Health Mission**

Various projects under NRHM, IMNCI, EmOC, LSAS, are going on in addition to consultancy provided to Government of Maharashtra and Government of India by the faculty.

### **Adolescent Health Programme**

Adolescent health programmes for both school-going and school drop-out adolescents have been undertaken. At village level, family life education is also provided to the adolescents through Kishori Panchayats.

**Contribution towards Laboratory Strengthening under MOHFW in various states of India** Work undertaken as part of establishment of National Institute of Zoonosis (NIZ) at Nagpur: MGIMS is a partner to the establishment of NIZ, a joint venture of ICMR and ICAR. In this process, MGIMS has been working on surveillance of select zoonotic diseases in central India since March 2015. Following activities have been undertaken/planned under this collaborative project- (a) Development of quality-assured, cost-effective, environmentally conscious, containment laboratory working on One Health. One Health recognizes that the health of people is connected to the health of animals and the environment. The goal of One Health is to encourage the collaborative efforts of multiple disciplines-working locally, nationally, and globally to achieve the best health for people, animals, and our environment.

A One Health approach is important because 6 out of every 10 infectious diseases in humans are spread from animals. (b) Development of Referral Linkage - We propose to use an innovative mobile application for use of the health visitor, medical officer and the local and central laboratories for maintaining health records of the families including their animals using a biometric system, generation of requisition for various tests, tracking of samples shipped in a specially designed container to the reference laboratory, retrieval of results and prescription of treatment. (c) Molecular Epidemiology of various diseases, including but not limited to, Mycobacterium tuberculosis complex, Nontuberculous mycobacteria, Mycobacterium leprae, Brucella sp., Leptospira sp., Listeria monocytogenes, Orientiatsutsugamushi, JE, Chandipura Virus. (d) Forecasting of vector borne diseases based on meteorological and geospatial data.

### **Small incision Cataract Surgery and IOL Implantation Training**

The Department of Ophthalmology is recognized by the Ministry of Health and Family Welfare, New Delhi to conduct small incision cataract surgery and Intra-ocular Lens (IOL) Implantation Training for eye surgeons working in government hospitals. The training programme is being undertaken for the last four years and

every year four eye surgeons go through a two months training programme. So far 26 eye surgeons from 6 states (Maharashtra- 10, Madhya Pradesh-4, Uttar Pradesh-5, West Bengal-3, Gujarat-2, Rajasthan -1 and Jharkhand-1) have benefited from this project and enhanced their surgical skills in this new technique of cataract surgery.

#### **Training for screening of Diabetic Retinopathy**

Presently diabetic patients are registered in the Non Communicable Disease (NCD) clinics at CHCs, rural hospitals and district hospitals. They are referred to the eye clinics at MGIMS which are equipped with latest equipment for screening of diabetic retinopathy. The Department of Ophthalmology is involved in training ophthalmologists and paramedical ophthalmic assistants (PMOAs) working in public health facilities for screening of diabetic retinopathy among registered diabetic patients. The Queen Elizabeth Diamond Jubilee Trust (UK) through Indian Institute of Public Health, Hyderabad has sanctioned a grant of Rs 2 Crores to implement project on Screening for Diabetic Retinopathy in Wardha District as a pilot project in Maharashtra state. The project aims at strengthening public health system by capacity building to screen diabetic patients registered in NCD clinics in the district by providing manpower training and provision of equipment like non-mydratic fundus cameras and Early Treatment Diabetic Retinopathy Study (ETDRS) vision charts.

#### **Labs for Life Project**

The three laboratories of MGIMS in the Departments of Pathology, Biochemistry and Microbiology have been nominated under the “Labs for Life” project of CDC, NACO and Ministry of Health and Family Welfare (MOHFW). “Labs for Life” is a three year partnership initiative of the MOHFW and the US Centres for Disease Control and Prevention (CDC). It seeks to improve the quality of laboratory services, effectiveness and efficiency of public health laboratories under MOHFW. Through this collaborative effort, technical assistance will be provided to public health laboratories covering 10 districts from 6 states representing all five regions to enhance the capacity for quality diagnosis of communicable and non-communicable diseases in India, and strengthening the specimen referral and reporting system. MGIMS has scored the highest among all participating institutions in the last assessment.

#### **Strengthening of Public Health Laboratories**

Our faculty member is part of National Team of consultants assessing the Medical College, District and Sub-district Clinical Laboratories in different states (Gujarat, Tamil Nadu and Jharkhand).

#### **Strengthening of Public Health Tuberculosis Laboratories working on Newer Diagnostics**

Our faculty member has been involved in renovation and management of 9 TB Laboratories working on newer TB Diagnostics in the states of Karnataka, Tamilnadu, Andhra Pradesh, Telangana, Kerala, and Puducherry.

## Diagnostic Camps

This year the institute organized several screening and diagnostic camps. Diagnostic and health camps were organized at Mandwa, Kajalsara, Dhamangaon, Chitoda, Neri, Pulfail, Mandavgarh, District Jail, Ratnapur, Wadad, General Hospital Wardha, Melghat (Utavali), Jawahar Navodaya Vidyalaya, Selukate, Dharampur, Talegaon, Anji and Bhidi. The Departments of Community Medicine, Microbiology, Ophthalmology, ENT, Dentistry, Surgery, Medicine, Obstetrics and Gynecology, Pediatrics, Anesthesia, Pathology, Psychiatry, Radiotherapy, Orthopedics and Dermatology participated in these camps. Dentists carried out dental camps for school children and jail inmates.

Cancer detection camps were organized in Giroli, Hinganghat, Kasarkheda, Gadchandur and Watkhedha

### Adopted Villages

Padegaon	2015 Batch
Rotha	2016 Batch
Pavnoor	2017 Batch
Mandwa	2018 Batch

The following are the number of patients seen by different departments during diagnostic camps:

Department	No. of Patients
Medicine	1271
Obstetrics and Gynecology	336
Pediatrics	418
Surgery	479
Orthopedics	390
Ophthalmology	5284
ENT	110
Dentistry	685
Psychiatry	71
Dermatology	520
Community Medicine	1125
Radiotherapy	307
Dr SushilaNayar Hospital, Utwali	1831
<b>Total</b>	<b>12827</b>

# Community Ophthalmology

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The Department of Ophthalmology, Kasturba Hospital, MGIMS, Sevagram, has been providing preventive, promotive, curative and rehabilitative eye care. Primary to tertiary level eye care which are currently available to residents in metropolises are provided to poor people living in rural areas and urban slums at their door step. Community based comprehensive and specialty eye care services are provided to people living in and around Wardha district.

## **Cataract Blindness Control in Wardha District Project**

Under this project, daily screening eye camps have been conducted in all the villages of 8 blocks of Wardha district covering a population aged above 50 years. Screening for blindness and operable cataract is conducted door-to-door. Blind register is prepared at the village level. This year 53,604 villagers have been screened by doctors at their door steps in 855 villages. Individuals aged more than 50 years with visual acuity less than 6/60 due to cataract in either eye who were in need of cataract surgery were motivated, provided free to-and-fro transport and brought to Kasturba Hospital Sevagram for operation. All services- including surgical treatment, medicines, intra-ocular lenses (IOL) and glasses- were provided free of cost. Computerized data bank is maintained to keep records pertaining to all patients screened and operated for follow-up. In the current year, 5397 cataract surgeries were performed. In 5385 patients, IOL implantation was done and in 10 patients conventional cataract surgery was performed. Visual acuity of 53,604 persons (aged > 50 years) was tested by trained paramedical workers and 16081 villagers who had visual acuity <6/60 was examined by eye specialists at their door steps. 5937 patients were referred to Kasturba Hospital and of these 5512 patients were provided free transport facility.

So far 71482 poor rural patients from the project area who were suffering from curable blindness have

undergone cataract surgery at Kasturba Hospital and 70,544 (98.7%) of these were successfully implanted with intra ocular lens and their sight has been restored. Use of modern technique of small incision cataract surgery has resulted in early post-operative visual rehabilitation of patients. Through this project, benefits of modern cataract surgery have been made accessible to poor, rural patients suffering from curable cataract blindness in Wardha district.

This project has made a huge contribution to control of cataract blindness in Wardha District. So far 10,29,442 villagers aged above 50 years have been screened at their door steps in all the 855 villages of Wardha District. From the project area 71,482 poor rural patients who were suffering from curable blindness had their sight restored by modern technique of small incision cataract surgery at Kasturba Hospital and of these 71,482 (98.7%) were successfully implanted with intra ocular lens.

## **Dr Sushila Nayar Eye Bank**

Dr Sushila Nayar Eye Bank is functional in the Department of Ophthalmology, Kasturba Hospital. It promotes eye donation activity and provides facilities for corneal transplantation to patients suffering from corneal blindness. The eye bank is registered with Government of Maharashtra and affiliated to Eye Bank Association of India.

During the year, 45 eyes were processed in the eye bank. Of these, 12 eyes were collected from donors in Wardha district and 33 eyes were brought from Govt. Hospital Chandrapur & Lions eye bank Chandrapur. Of 45 donated eyes, 17 had corneas suitable for transplantation and 17 patients were provided facility for keratoplasty (Corneal Transplantation) free of cost. Members of two voluntary organizations were trained in grief counseling and motivation for eye donation.

**Dr Sushila Nayar Hospital, Utawali, Melghat Amravati (Lions Eye Centre Melghat)**

Lion Clubs International Foundation under the project grant SF 1802/ 3234 –H1 of Rs. 40 lakhs has provided necessary diagnostic, surgical equipment and vehicle for establishing Lions Eye Centre Melghat at Dr. Sushila Nayar Hospital Utawali. Community ophthalmology services were started at Dr SN Hospital Utawali from September 2017 for which 1 senior resident and 1 Junior Resident from Department of Ophthalmology is being deputed on rotation basis. During the year 3322 patients have been provided eye care services at the centre.

Under the National Programme for Control of Blindness, KHS has entered into an MoU with the District Blindness Control Society Amravati for providing free cataract screening and surgical services for cataract patients from 152 villages in Dharni Taluka. After inspection by district health authorities we have been permitted to start Eye OT at Dr SN Hospital Utawali by the Civil surgeon Amravati in March 2018. During the year. 301 cataract surgeries with IOL implantation have been performed.

Under this project daily screening eye camps have been conducted in all the 152 villages of Dharni Taluka of Amravati District. Screening for blindness and operable cataract is conducted door to door. Blind register is prepared at village level. In the current year 17,449 villagers aged > 50 years have been screened. Individuals with visual acuity < 6/60 due to cataract in either eye who were in need of cataract surgery were motivated and provided free to-and-fro transport and brought to Dr. Sushila Nayar Hospital Utawali Melghat for operation. All services including surgical treatment, medicines, Intra Ocular Lenses and glasses were provided free of cost. Computerized data bank is maintained to keep data records pertaining to all patients screened and operated for follow-up.

In the current year 301 cataract surgeries were performed. In all patients IOL implantation was done. Visual acuity of 17,449 persons (aged > 50 years) was tested by trained paramedical workers and 4,458 villagers who had visual acuity <6/60 were examined

by eye specialists at their door steps. 1,383 patients were referred to Dr Sushila Nayar Hospital Utawali Melghat and of these 362 patients were provided free transport facility.

So far 432 poor rural tribal patients from project area who were suffering from curable blindness have undergone cataract surgery. Out of which 339 patients were operated at Dr Sushila Nayar Hospital Utawali Melghat and 93 patients were operated at Kasturba Hospital Sevagram. All of them were successfully implanted with Intra Ocular Lens and their sight has been restored. Use of modern technique of small incision cataract surgery has resulted in early postoperative visual rehabilitation of patients. Through this project benefits of modern cataract surgery have been made accessible to poor, rural tribal patients suffering from curable cataract blindness in Dharni Taluka of Amravati district.

Quarter / Year	No. of OPD Patients	No. of Patients Operated
Apr– Jun2018	525	41
Jul - Sep 2018	709	76
Oct - Dec 2018	806	108
Jan – Mar 2019	1282	76
<b>Total</b>	<b>3322</b>	<b>301</b>

**GMLF URBAN HEALTH CENTER WARDHA EYE OPD**

During the year 4474 patients were seen in GMLF Urban Health Center Wardha Eye OPD and provided refractive and other eye care services.

Quarter / Year	No. of OPD Patients
Apr - Jun 2018	1072
Jul - Sep 2018	1178
Oct - Dec 2018	1058
Jan – Mar 2019	1166
<b>Total</b>	<b>4474</b>

## SCHOOL VISION SCREENING

In the current year school vision screening programme was conducted 43 Zilla Parishad primary schools in 4 Blocks of Wardha District. Eye examination of 4010 children was carried out. School children suffering from refractive error and other ocular disorders in need of glasses and treatment of eye disorders were referred to Kasturba Hospital Sevagram.

SN	Name of the School	Block	No. of Children Screened
1	Z P Primary School Anji (Kend)	Wardha	148
2	Z P Primary School Bhugaon	Wardha	50
3	Z P Primary School Boregaon (Kend)	Wardha	150
4	Z P Primary School Boregaon Meghe	Wardha	168
5	Z P Primary School Madani(New)	Wardha	36
6	Z P Primary School Madani(old)	Wardha	20
7	Z P Primary School Mahakal	Wardha	107
8	Z P Primary School Pawnar(K)	Wardha	131
9	Z P Primary School Pawnar(Mule)	Wardha	111
10	Z P Primary School Pawnur	Wardha	42
11	Z P Primary School Piprimeghe	Wardha	129
12	Z P Primary School Rotha	Wardha	14
13	Z P Primary School Salod	Wardha	90
14	Z P Primary School Salod(K)	Wardha	51
15	Z P Primary School Sawangi Meghe	Wardha	69
16	Z P Primary School Selukate	Wardha	94
17	Z P Primary School Talegaon(Mule)	Wardha	28
18	Z P Primary School Talegaon(T)	Wardha	101
19	Z P Primary School Taroda	Wardha	118
20	Z P Primary School Waifad	Wardha	112
21	Z P Primary School Waigaon(K)	Wardha	86
22	Z P Primary School Waigaon(N)	Wardha	130
23	Z P Primary School Zadgaon	Wardha	88
24	Z P Primary School Akoli	Seloo	81
25	Z P Primary School Dhapaki	Seloo	82
26	Z P Primary School Ghorad	Seloo	88
27	Z P Primary School Hamdapur	Seloo	111

28	Z P Primary School Hinganimuli	Seloo	122
29	Z P Primary School Kelzar	Seloo	118
30	Z P Primary School Yelakelimule	Seloo	37
31	Z P Primary School Yelakelimuli	Seloo	79
32	Z P Primary School Ajansara	Hinganghat	95
33	Z P Primary School Arvi(choti)	Hinganghat	93
34	Z P Primary School Daroda	Hinganghat	106
35	Z P Primary School Nandgaon	Hinganghat	94
36	Z P Primary School Pipri	Hinganghat	101
37	Z P Primary School Shekhapur	Hinganghat	84
38	Z P Primary School Wadner	Hinganghat	112
39	Z P Primary School Andori	Deoli	94
40	Z P Primary School Bhidi	Deoli	124
41	Z P Primary School Inzala	Deoli	117
42	Z P Primary School Sonoradhok	Deoli	90
43	Z P Primary School Vijaygopal	Deoli	109
		<b>Total</b>	<b>4010</b>

### National Society for Prevention of Blindness

(M.S. Branch)

President	:	Dr AP Jain
Secretary	:	Dr AK Shukla
Treasurer	:	Dr Smita Singh
Joint Secretary	:	Dr AM Mehendale
Members	:	563

#### Activities

- Awareness camps on corneal blindness in 4 blocks of Wardha district covering 20 villages

# Utawali Project, Melghat

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**Coordinator: Dr S Chhabra**

Melghat is a tribal area in Dharni and Chikhaldara of Amravati district. Located 250 Kms north-west from Sevagram, this area attracted wide media coverage because of malnutrition-associated deaths in the last decade. Three-fourths of the population is tribal- inhabited by Korku Adivasis. Most people, poor, illiterate and struggling to make both ends meet, live in dark ages and have little or no access to health care facilities, education and communication channels. To access specialized neonatal care most people have to travel 160 Kms on a difficult and hilly terrain. Men, women and children trapped by the grimest poverty and are further hit by inequality of health services. Children, in particular are the worst sufferers. Most of the sickness and deaths are due to malnutrition, pneumonia, malaria and diarrhoea.

Initially the institute planned a long term project in this area and posted an Associate Professor in Medicine, and an Ophthalmologist, who voluntarily opted to reach the unreached. A base hospital at Dharni -Trimurti Hospital and 36 villages of Melghat had been chosen for research work. These villages are difficult to access, lack proper transport facilities and are located in the midst of dense forest and hills about 50 Kms from Dharni. Health education on malnutrition, breast feeding, diarrhoea and sexually transmitted diseases has been started since the last 9 years. This area is known for the highest under-five child mortality (80 per 1000 live births) and the highest mortality in the age group (16-50 years) in Maharashtra.

Kasturba Health Society has been providing health facilities in this region through the Mahatma Gandhi Adivasi Hospital and Dr Sushila Nayar Netralaya since the last 17 years. KHS had been running an OPD and 6-bed hospital as part of its Tribal Health Research Project in Melghat. However in view of high maternal and infant mortality rates, it was decided to take this initiative forward and expand this endeavour with the help of the faculty and residents of MGIMS.

The Kasturba Health Society (KHS) started its OPD in the Dr Sushila Nayar Hospital (earlier called Mahatma Gandhi Adivasi Mother and Child Hospital) on 1 Jan 2012. A 30 bed hospital for women and children in the tribal area of Utawali, Dharni was also initiated with funding support from the Shri Brihad Bharatiya Samaj, a Mumbai-based nongovernmental organization. The Government of Maharashtra has recognized this as a referral unit.

A multispeciality hospital was commissioned on the site on 4 Feb 2016, and 7.5 acres of land was acquired for the purpose. A team of obstetrician-gynecologists, pediatricians, anesthetists, medical officers, interns, administrative officer and nurses work at Utawali hospital round the clock and manage emergencies, outpatients and inpatients. The team soon realized that more than ill-health, they had to battle the social circumstances. The tribal folk had their unique beliefs, superstitions and cultural practices. Coupled with these prejudices, poverty and illiteracy, it has been an uphill task to counsel patients and ensure compliance. It is a challenge, but the team has been running an operation theatre too in these resource-limited settings. The doctors working here have several heartening stories to share of how they managed critical patients using their ingenuity and expertise. The hospital is now equipped with essential infrastructure including blood storage facilities (whole blood and components), instruments for anesthesia, newborn resuscitation, multipara monitors, suction machines operation tables etc. have been procured. Earlier there were no facilities for conducting Caesarean sections in the entire area. The very first Caesarean section in Melghat was conducted in Utawali hospital on 20 Jan 2012. The first hysterectomy was done to remove a large uncommon ovarian tumor on 15 Feb 2012. Caesarean

sections, major and minor gynecological surgeries are now regularly being conducted in the hospital. An USG machine has been installed with the approval of competent authorities. Permission to perform female sterilization and induced abortion has been obtained.

The area is prone to load shedding, and hence a new 7.5 KV generator has been installed in the hospital. A pipeline has been laid from Utawali village to the hospital to counter the water scarcity. Arrangements have been made to enable proper waste disposal and sanitation. A total of 100 villages receive community based maternal, neonatal care in Dharni block of Melghat.

In 2018-19, a total of 14240 patients were seen in the OPD. 1093 patients were admitted in the wards of the hospital. The numbers of patients admitted in each speciality are as follows: Medicine (55), Ob/Gyn (388), Pediatrics (305), Surgery (12) and Ophthalmology (333). 239 babies were delivered, 85 by Caesarian section. A total of 578 surgeries were conducted (Gynecology-56, Obstetrics-204, Ophthalmology-286, Surgery-27, ENT-5) of which, 383 were major surgeries. Medical officers examined 1728 patients in community clinics, while 1692 patients were seen at the prenatal clinics.

A Compression Only Life Support camp was conducted on 17 Feb 2019 by a team of anesthesiologists from MGIMS Sevagram. Eighty students from nearby colleges were trained in Basic Life Support skills.

Three free diagnostic and therapeutic multispeciality health camps were organized at Dr SushilaNayar Hospital on 17 Sep 2018, 17 Dec 2018 and 18 Mar 2019 with funding from Kasturba Health Society. A total of 1831 patients availed the services of clinical specialists from MGIMS in these three camps. 64 patients were operated, 37 hematological investigations were performed, 11 X rays were taken, 17 ECGs were performed free of cost to patients. 44 patients were referred to Kasturba Hospital for more complicated procedures.

The departments from MGIMS which participated in these camps included Medicine, Surgery, Obstetrics & Gynecology, Pediatrics, Ophthalmology, ENT, Pathology, Dental Surgery and Orthopedics. An optical centre was inaugurated during the March 2019 camp.

The Dr SushilaNayar Hospital has been empanelled under the Mahatma JyotibaPhule Jan AarogyaYojana (MJPJAY) and Ayushman Bharat Yojana (PM-JAY).

Seven camps were organized with the help of the local primary health centres and medical officers posted in villages. A team of specialists conducted camps at Harisal (12 Oct 2018), Chitri (27 Oct 2018), Chakarda (27 Dec 2018), Bairagad (12 Jan 2018), Harisal (8 Feb 2019), Titamba (21 Feb 2019) and Kalamkhar (27 Mar 2019). A total of 346 patients were examined and treated in these camps.

Academic updates and CMEs were conducted on Post-partum hemorrhage, Exclusive breast feeding and neonatal care, Management of shock (15 Aug 2018), Management of eclampsia (10 Nov 2018), Gestational hypertension, Sickle cell anemia, Basic life support (28 Oct 2018), Hypertensive disorders of pregnancy (20 Mar 2019), Basic post-operative nursing care and monitoring high risk patients (23 Mar 2019)

A number of research projects are being conducted in Melghat. Some of these are:

- Magnitude of day to day life health problems in elderly men of Melghat: Funded by Global Health through Education and Service (GHETS), USA
- Magnitude of day to day life health problems in elderly women of Melghat: Funded by Global Health through Education and Service (GHETS), USA
- Services for health problems in elderly women of Melghat: Funded by Jan Kalyan Trust, Mumbai
- Community based study of magnitude of abortions, spontaneous and induced, immediate and late complications and care sought by rural women in two districts of Maharashtra: Funded by ICMR

- Physical disabilities in tribal communities living in extreme poverty in a rural hilly forest region of India: Funded by Kasturba Health Society
- Day to day life health problems in aging men of rural hilly forest region with a mission to provide services: Funded by Jan Kalyan Trust, Mumbai
- Birth preparedness and complications readiness: Funded by Foundation for Collaborative Medicine and Research, USA
- Making school drop-out adolescents/young adults self-reliant for their own and their community's development in a hilly forest region of central India: Funded by Jan Kalyan Trust, Mumbai
- Women's and children's health in relation to agriculture status in a hilly forest region with tribal population with extreme poverty: Funded by GHETS, USA
- Community based study of effects of biomass fuel on pregnancy outcome with special reference to hypertensive disorders, other complications, birth weight, still births, neonatal, infant mortality in tribal communities of Melghat region: Funded by ICMR
- Maternal and perinatal health research collaboration , India (Maathri), improving outcomes in pregnant women with anemia: Funded by Oxford University

# Seva Bhaav

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## Coordinator: Mrs Shaily Jain-Kalantri

MGIMS launched a weekly radio-show called *Seva Bhaav* on 23 Apr 2015, in collaboration with a community-based Wardha radio station, MGIRI Radio 90.4 FM. The show throws light on a variety of issues related to health and disease in the community and airs on Thursday at 9:00 a.m. and 8:00 p.m.

*SevaBhaav* is designed with the sole interest of helping the community. Community service has always been the hallmark of MGIMS. The institute has been nurturing Dr Sushila Nayar's vision of rendering service to the rural communities of India. *Seva Bhaav* offers listeners an opportunity to engage with MGIMS doctors from different specialties who can create health awareness in the community, separate myths from truth and help people understand what it takes to stay healthy. This year, the following MGIMS staff and students participated in radio talk shows:

<b>Date</b>	<b>Participants</b>	<b>Topic</b>
31 May 2018	A Yadav, S Bombatkar, V Kumar, M Joshi, Hemavaishnave, S Namjoshi, M Dixit, A Kokaje, S Chandak	Anti-tobacco campaign
5 Jul 2018	S Joshi, A Yadav, S Namjoshi, S Chandak, A Kokaje	Ethics, Morality and Intent
19 Jul 2018	Bioethics Unit	Lal Amrut Abhiyaan
9 Aug 2018	Bioethics Wing	Breastfeeding made easy
27 Sep 2018	Dr J Jain	Dengue: Cause, Concern and Cure

# Visitors

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**Dr Deelip Mhaisekar**  
Hon'ble Vice Chancellor  
MUHS Nashik

**Dr Mohan Khamgaonkar**  
Pro-Vice Chancellor  
MUHS Nashik

**Dr Sanjeev Kumar**  
IAS, Divisional Commissioner  
Nagpur

**Dr Ashutosh Raghuvanshi**  
CEO, Fortis

**Dr Promila Gupta**  
Director General of Health Services  
(DGHS)  
Department of Family and Health  
Welfare, Government of India

**Dr MR Rajagopal**  
Padma Shri  
Founder-Chairman, Pallium India  
Director, WHO Collaborating  
Center for Policy and Training on  
Access to Pain Relief  
Trivandrum

**Ms Gilly Burn**  
Director, Care Response  
International  
Founder Director, Cancer Relief  
India UK

**Dr Abhijit Dam**  
Medical Director  
KOSHISH Hospice  
Jharkhand

**Ms Alice Stella**  
Nurse  
Trivandrum Institute of Palliative  
Sciences

**Dr BC Das**  
Amity Institute of Molecular  
Medicine and Stem cell Research  
Noida

**Dr Amit Chakravarty**  
Institute of Genetic Engineering,  
Kolkata

**Dr Sen Pathak**  
MD Anderson Cancer Centre  
Houston, USA

**Dr Ashutosh Haldar**  
AIIMS, New Delhi

**Dr Deepak Modi**  
National Institute for Reproductive  
Health  
Mumbai

**Dr Ashwin Dalal**  
Centre for DNA fingerprinting and  
Diagnostics  
Hyderabad

**Dr Sudipa Chakarvarty**  
Institute of Genetic Engineering,  
Kolkata

**Dr Deepti Suri**  
PGIMER  
Chandigarh

**Dr Nandini Gokulchandran**  
Neurogen Brain & Spine Institute  
Mumbai

**Brig. Gen Dr Ahsan Habib**  
AFMC  
Dhaka Bangladesh

**Dr R Dhanireddy**  
University of Tennessee, USA.

**Dr Mehtab Singh**  
Ministry of Health  
Government of India

**Dr Dhanireddy**  
Professor and Chief of Neonatology  
Faculty member of Epidemiology  
University of Tennessee Health  
Science Centre, USA

**Dr Chavhan**  
DHO, Yavatmal

**Dr Vikram Datta**  
Lady Hardinge Medical College  
New Delhi

**Dr Suchitra Pandit**  
President, FOGSI

**Dr Kanan Yelikar**  
Dean  
Government Medical College  
Aurangabad

**Dr Rohini Deshpande**  
President, AMOGS

**Ms Soonrita Sahashrabuddhe**  
Education Officer  
UNICEF

**Dr Aparna Deshpande**  
Nutrition Consultant, UNICEF

**Ms Harsha Mehta**  
Consultant, UNICEF

**Ms Aparajita Chaudhary**  
Save the Children

**Ms Kamal Gaur**  
Save the Children

**Ms Rajalakshmi Nair**  
Nutrition Specialist  
UNICEF Maharashtra

**Ms Reshma Agrawal**  
Education Consultant  
UNICEF Maharashtra

**Mr Digvijay Bendrikar- Shinde**  
Consultant  
UNICEF

**Dr Simin Irani**  
Senior Consultant  
UNICEF

**Ms Sharmila Mukerjee**  
Consultant  
UNICEF

**Dr Gopal Pandge**  
Consultant  
UNICEF

**Ms Ashwini Godse**  
GramMangaNGO  
Pune

**Mr Himanshu Shukla**  
Education expert  
Save the Children

**Mr Nisar Ahmed**  
UNICEF

**Ms Varsha Chanda**  
UNICEF

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## Hostels

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### Wardens

Boys' Hostel : Dr VB Shivkumar  
Girls' Hostel : Mrs Manda Warghare

### Hostel Rooms

	Boys'	Girls'
Rooms	356	268
Inmates	330	267
PGs	78	60
UGs	214	185
Interns	38	22
Mess	02	01

A separate hostel is available for married postgraduates which has 36 rooms. Hostels are well equipped with gymnasias and recreation halls with cable television connections. Hostels are also installed with solar water heaters, televisions, treadmills, heavy duty semi-automatic washing machines, refrigerators, water filters and water coolers. The hostel also has two fully furnished guest rooms. This year the kitchens and dining halls of boys' and girls' hostels were renovated.

# Hors d' oeuvre

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## Artist Section

Mr Dinesh Gudadhe, Mr Ashok Wahiwatkar and Mr Gunwant Mahalle look after the art section of the institute. They prepare charts, posters, banners, models and have acquired skills in designing charts, posters, certificates and conference brochures on computers. They help in poster displays in health exhibitions organized by the institute and maintain museums. They have been instrumental in preparing beautiful health education material and illustrating booklets for patient education in the local language. They also photographed events, student activities, workshops, diagnostic camps and academic activities.

Poster display	:	129
Poster mounting	:	73
Name Plates	:	78
Oil plate boards	:	25
Model	:	10
Model Repair	:	16
Colour diagram and charts	:	44
Specimen colouring	:	28
Specimen mounting	:	33
Oil paint numbering	:	179
Banner design	:	9
Specimen labelling	:	100
Model pedestal colouring	:	27
Certificate design	:	10
Workshop brochure design	:	4
Book illustrations	:	5
Posters	:	10
Signboards	:	8
Exhibition displays	:	3
Miscellaneous	:	114

## Photography Section

Mr Satish Shingare looks after the photography section of the institute.

Academic, research and academic photographs	:	540
Slide scanning and editing (X rays, CT scans, MRIs)	:	300
Passport photographs	:	450
Photo enlargement	:	350
Identity cards	:	258
Photography (ceremonies, scientific programmes)	:	5500
Poster and banner designing	:	170
Photo editing (for teaching and presentation)	:	1260
Video recording	:	90
Certificates	:	300

## Dietary Services

Dietician : Mrs S Wakde

The dietary services, supervised by a dietician, served 229470 meals (normal, salt restricted, diabetic, soft and liquid ones) to indoor patients and 93076 meals to nursing students and guests.

## Alumni Association

Officer Incharge	:	Dr SP Kalantri
Co - officer Incharge	:	Dr AM Mehendale
President	:	Dr M Jain
Secretary	:	Dr A Bang

# **Mahatma Gandhi Institute of Medical Sciences**

Sevagram, Wardha- 442 402, Maharashtra, India

Tel : 07152-284341 to 284355, Fax : 284333

Email : dean@mgims.ac.in

Website: <https://www.mgims.ac.in>

