



# **MGIMS welcomes NAAC Peer Team**

**Dr S Rangaswami**

**Dr Neeru Vasudeva**

**Dr Shripad Deshpande**

**Dr VK Jain**



# Mahatma Gandhi Institute of Medical Sciences, Sevagram

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National Assessment and Accreditation Council  
Peer Team Visit (Cycle 2)



# A brief history of MGIMS



- ▶ 1936: Gandhiji arrived in Sevagram and set up his ashram



- 1938: Dr Sushila Nayar came to Sevagram at the behest of Dr BC Roy to care for Bapu's health

# Kasturba Hospital established



- ▶ 1944: OPD started in Birla Guest house
- ▶ Later, 15 bedded hospital for women and children established memory of Kasturba Gandhi
- ▶ ANM course started for training in midwifery

# Kasturba Health Society

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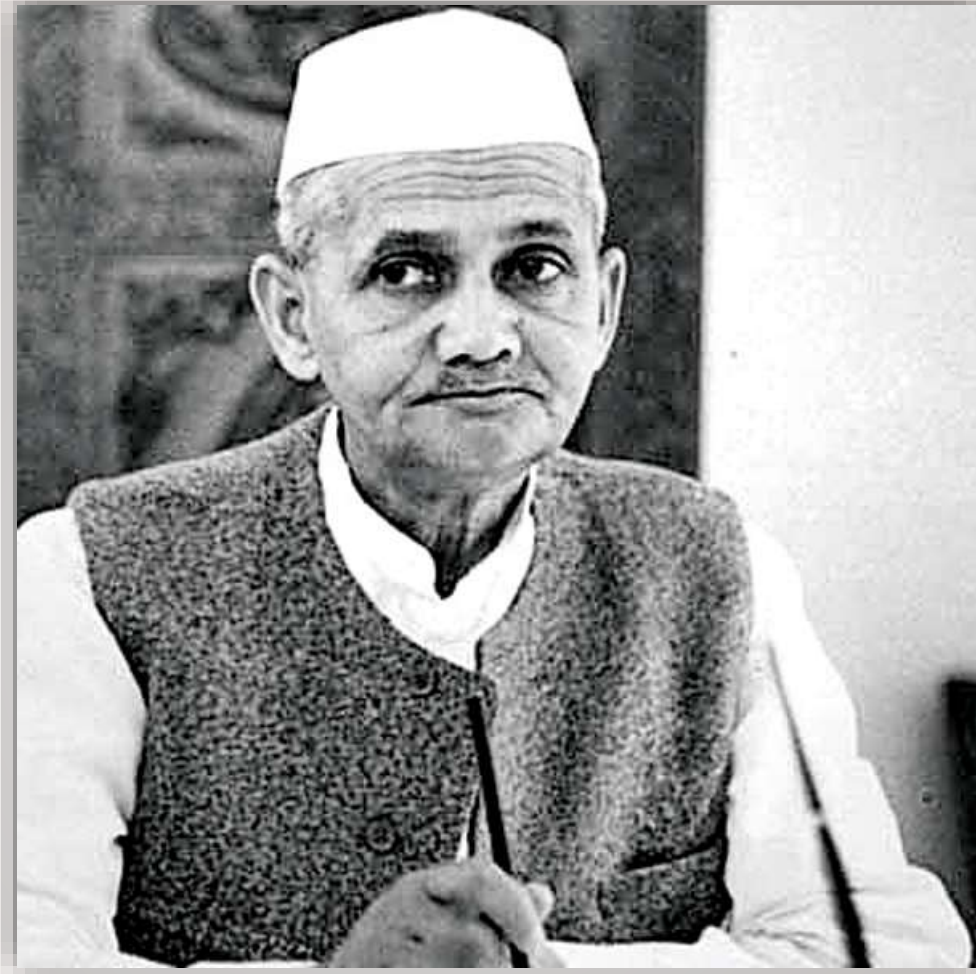


1964:  
Kasturba Health Society  
established



Dr Sushila Nayar elected  
President





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1965: At Central Council of Health, PM Shastri suggests starting medical colleges in rural areas

# MGIMS: A Gandhi Centenary Project

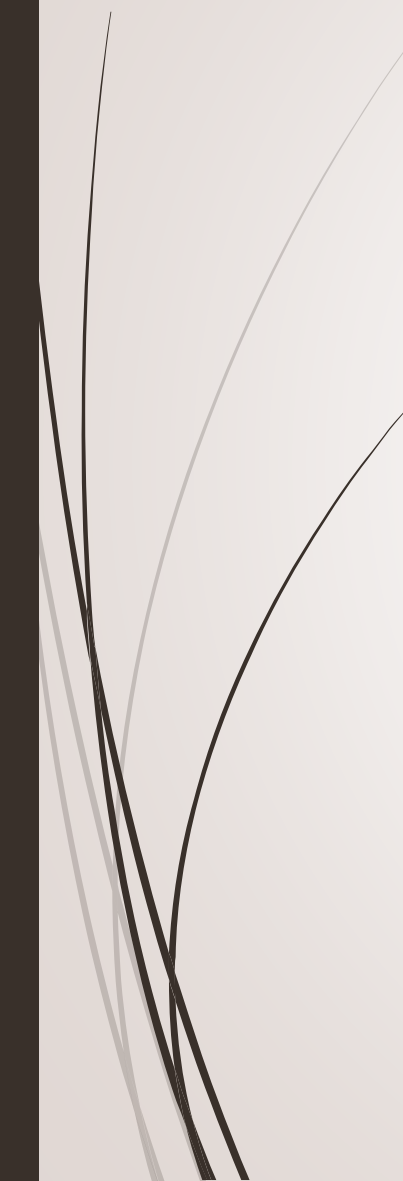


1969: Mahatma Gandhi Institute  
of Medical Sciences established in Sevagram



# Our Vision

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- ▶ 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**
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# Mission Statement

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In the spirit of its Founder, MGIMS, 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.**

# Criterion I: **Curricular aspects**

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# MGIMS is affiliated to MUHS Nashik and follows MCI guidelines

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# MGIMS is listed in the World Directory of Medical Schools

The screenshot shows a web browser window with the URL <https://search.wdms.org/home/SchoolDetail/F0000786>. The page features a blue header with the text "World Directory of Medical Schools" and a navigation menu with links for Home, About, Sponsors, Subscription, and Search. Below the header, the breadcrumb trail reads "Home > Search > School Details" and there is a "New Search" link. The main heading is "Mahatma Gandhi Institute of Medical Sciences, Wardha" with the location "India" listed below it. A tabbed interface shows "School Details" as the active tab, with other tabs for "Contact Information", "Program Details", and "Sponsor Notes". The details section lists the following information:

School Type:	Private
Year Instruction Started:	1969
Operational Status:	Currently operational
Academic Affiliation:	Maharashtra University of Health Sciences (Current) Rashtrasant Tukadoji Maharaj Nagpur University (Former)

# Courses offered

Courses offered	No. of programmes
MBBS	1
MD/MS	20
Diploma	9
PhD	9
PG Diploma (IGNOU)	3





# **Curricular planning, design and development**

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Curriculum is as per the broad  
framework of MCI and MUHS

# Curricular design & development

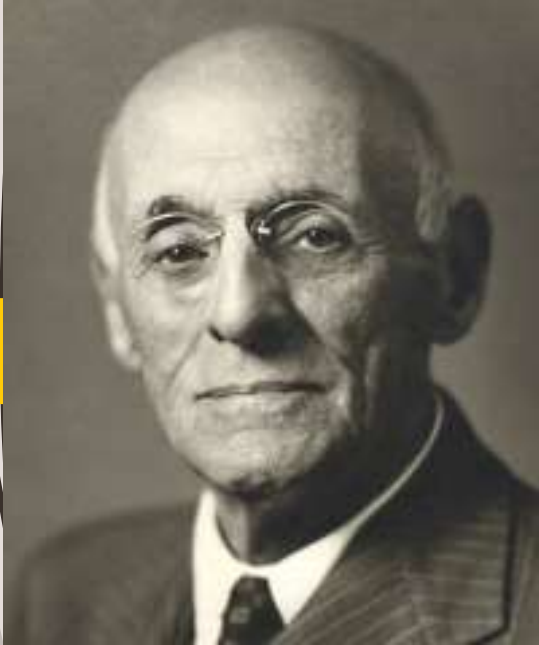


- ▶ 2012-13: MUHS undertook a major curricular review on the basis of MCI's Vision 2015 document in its move to push competency based medical education
- ▶ Several of our faculty members were part of the MCI and MUHS teams to review the curriculum

# MGIMS representation @ MUHS

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- ▶ The Boards of Studies at MUHS regularly review curriculum
- ▶ Eight of our faculty members are members of BoS at MUHS
- ▶ Our faculty have held the following posts at MUHS:
  - ▶ Acting Pro-Vice Chancellor
  - ▶ Member, Management Council
  - ▶ Member, Academic Council
  - ▶ Member, Faculty of Medicine
  - ▶ Chairperson and Members of several technical and administrative committees



**“We may never have the opportunity to do great things in a great way, but we all have the chance to do small things in a great way.”**

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- Abraham Flexner

# **MGIMS has pioneered several community-oriented curricular innovations**

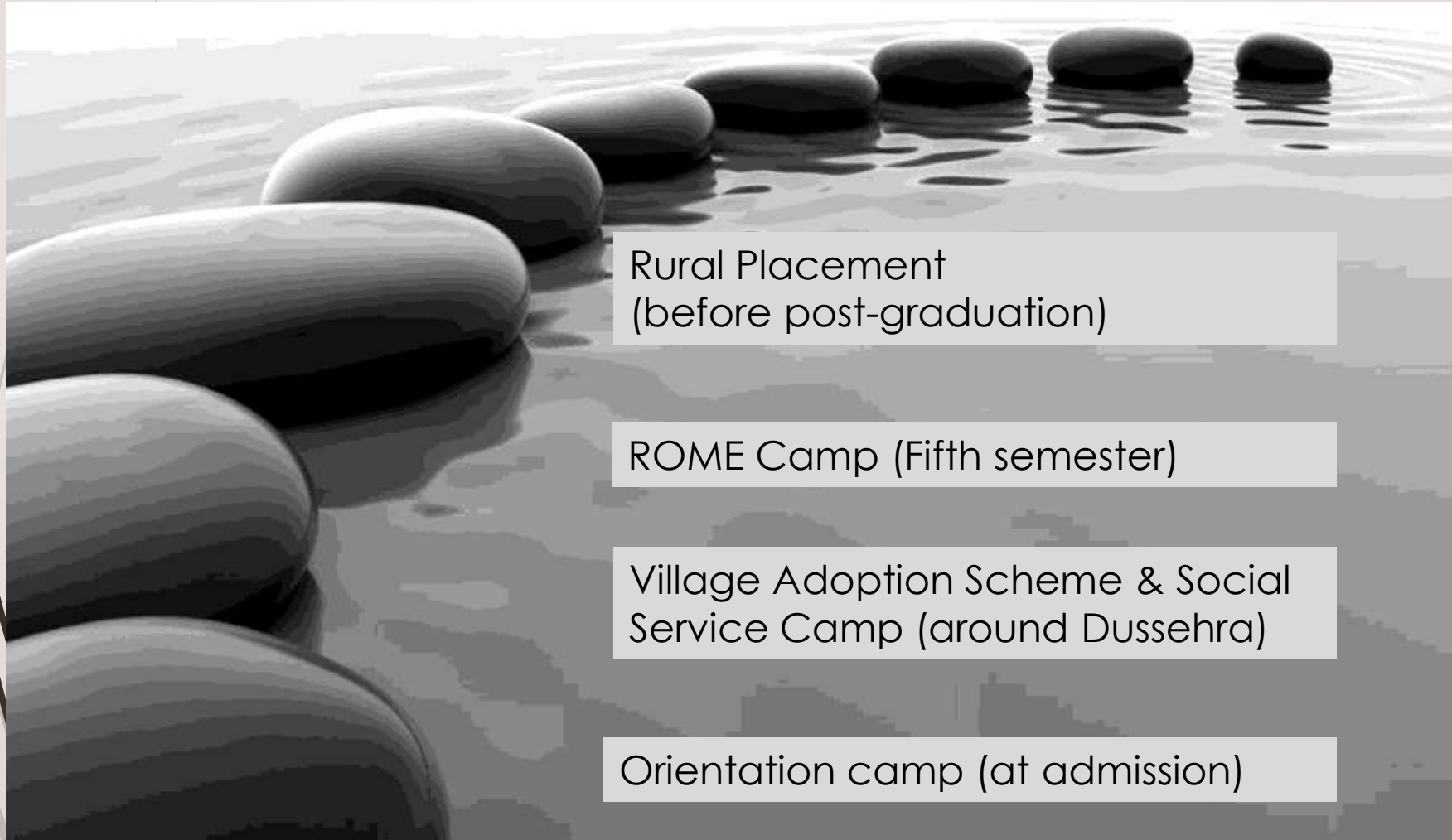




# Curricular innovations:

## Milestones in an MGIMS student's journey

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Rural Placement  
(before post-graduation)

ROME Camp (Fifth semester)

Village Adoption Scheme & Social  
Service Camp (around Dussehra)

Orientation camp (at admission)

# Orientation camp

- Students spend 15 days in the camp organized in Gandhi Ashram immediately after admission to MGIMS



They are acquainted with Gandhian philosophy, and interact with eminent Gandhians



# The Gandhian way of life

Students live in the simple surroundings of Bapu Kutli



Learn lessons about dignity of labour

# Our Code of Conduct



- Promote use of khadi
- All-religion community prayer
- Shramdan
- Follow vegetarianism
- Eschew alcohol and tobacco



# Village adoption scheme & Social Service Camp:

- Each year a batch of medical students adopts a new village
- Each student is allotted 3-5 families
- Students learn in the community and follow up their families throughout their course







➤ Students oriented with social problems of rural communities

➤ They develop cultural competence



➤ Have a deeper understanding of social context

# Reorientation of Medical Education (ROME) Camp

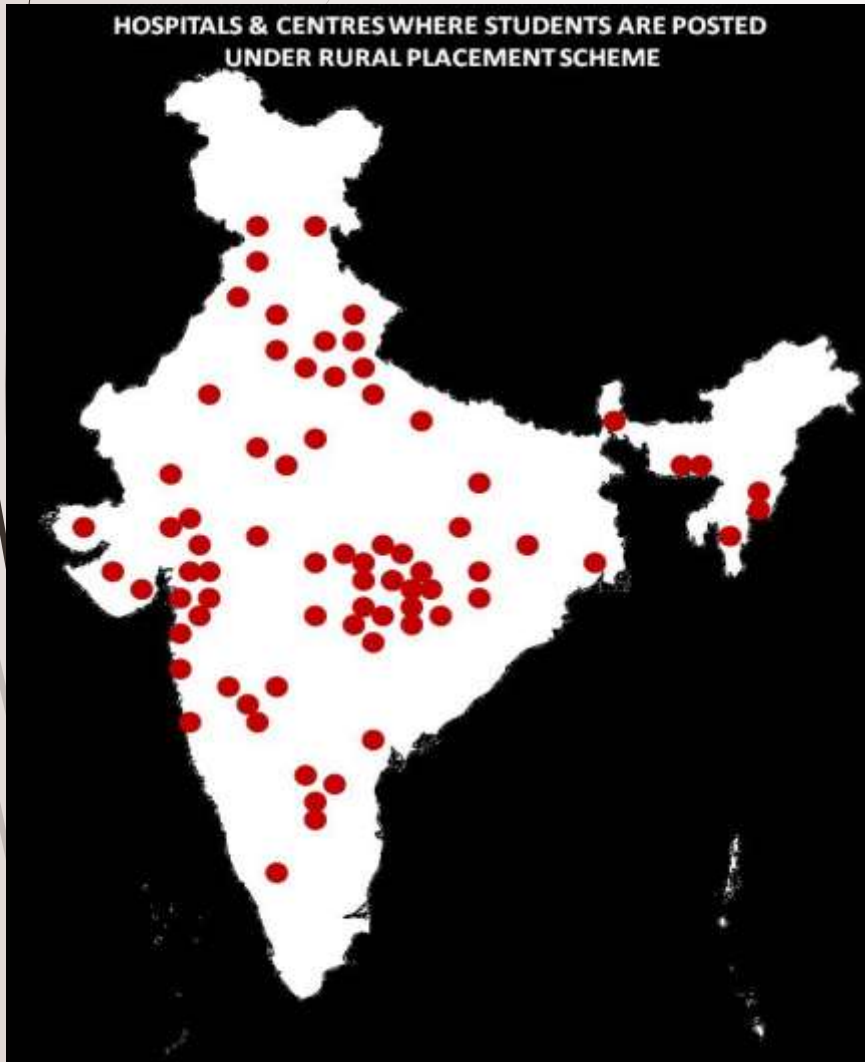


- ▶ Understand the implementation of national health programmes
- ▶ Trained to work with minimum resources in rural areas

- ▶ 15 days camp in rural health training centre during final MBBS
- ▶ Students trained to understand the organization and functioning of primary health centre



# Rural Placement Scheme



- Started in 1992
- Mandatory for all graduates to serve for two years in villages as an eligibility criterion for application to PG course
- Until 2015-16, 24 batches (1155 students) have been posted to 80 recognized rural centres across the country
- Students allowed to choose centre of their choice in a structured transparent counselling process





# The pioneers

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**“There is need to draw upon  
MGIMS Sevagram’s  
initiatives and experience in  
curricular innovation and  
rural placement of its graduates”**

*- Report of the Task Force on Medical Education of the  
National Rural Health Mission (2009)*



# Curriculum enrichment

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Besides the MUHS core curriculum we also offer several inter-disciplinary and skill based programmes to our students to foster global competencies





# Curricular enrichment programmes: undergraduates

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Foundation Course

Community oriented medical education

Communication skills workshops

Bioethics

Skills training workshops

Research projects

Integrated Management of Childhood & Neonatal Illnesses

Study skills workshop

Values in health- a spiritual approach (VIHASA)



# Curricular enrichment programmes: interns & postgraduates

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**Interns  
Orientation  
Programme**

**Research  
Methodology  
Workshops**

**Orientation to  
National Health  
Programmes**

**BLS and ACLS  
workshops**

**Neonatal  
resuscitation  
Workshops**

**CME on Revised  
National TB  
Control  
Programme**

# Curricular enrichment programmes: For medical officers (for Govt & State govt.)

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Emergency  
Obstetrics Care  
(EmOC)

Lifesaving skills  
& anesthesia  
skills

Facility based  
new born care

National vector  
control borne  
disease control

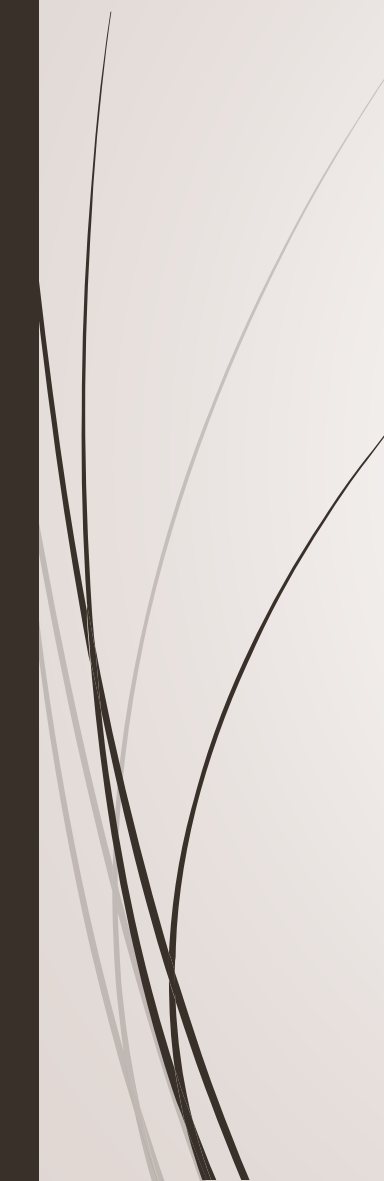
Integrated  
Disease  
Surveillance  
Project

Revised  
National TB  
Control  
Programme



# Feedback system

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- ▶ Data collated by the Internal Quality Assurance Cell (IQAC)
  - ▶ From students, alumni, faculty, parents, non-teaching staff, patients
  - ▶ Analyzed by IQAC and disseminated to appropriate bodies
  - ▶ Feedback used to improve infrastructure, processes and performance in teaching, research and patient care
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Criterion II:

# Teaching, Learning & Evaluation

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## Student enrolment & profile

# Admissions into MBBS Course

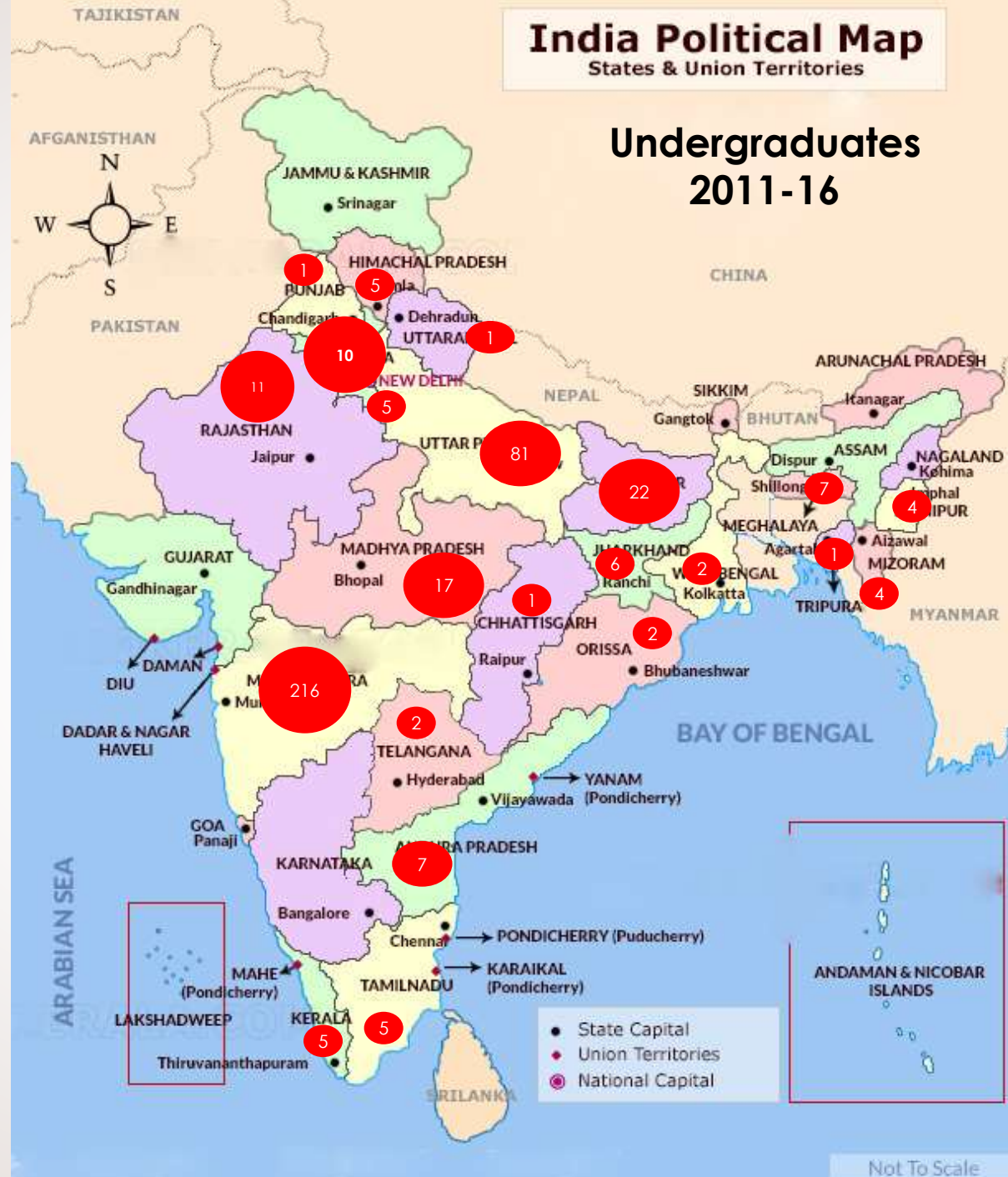
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- ▶ Until 2015, MGIMS conducted its own premedical entrance test in April each year
- ▶ Six examination centres: New Delhi, Nagpur, Mumbai, Hyderabad, Allahabad, Kolkata
- ▶ MCQs in Physics, Chemistry and Biology
- ▶ Special paper in Gandhian Thought
- ▶ From 2016, all admissions done only on the basis of NEET scores
- ▶ 100 students per year

# India Political Map

States & Union Territories

## Undergraduates 2011-16



- 50% from Maharashtra
- 50%: Rest of India
- Students from:
  - 22 states
  - 1 union territory

# Postgraduate admissions

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- ▶ Eligibility criterion: Students have to complete rural service before PG
- ▶ One year service with bond for completing left over service after post-graduation
- ▶ First preference given to MGIMS students who have completed rural service.
- ▶ Then to outside candidates who have completed rural service at Govt PHCs



# Salient achievements since 2011

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- ▶ MBBS seats increased from 65 to 100
- ▶ MD Radiotherapy (1 seat) has been recognized by MCI in 2013
- ▶ Eight PG seats increased
  - ▶ Surgery - (1 seat)
  - ▶ Pediatrics - (1 seat)
  - ▶ Medicine - (2 seats)
  - ▶ Anesthesia – (2 seats)
  - ▶ Ophthalmology – (2 seats)



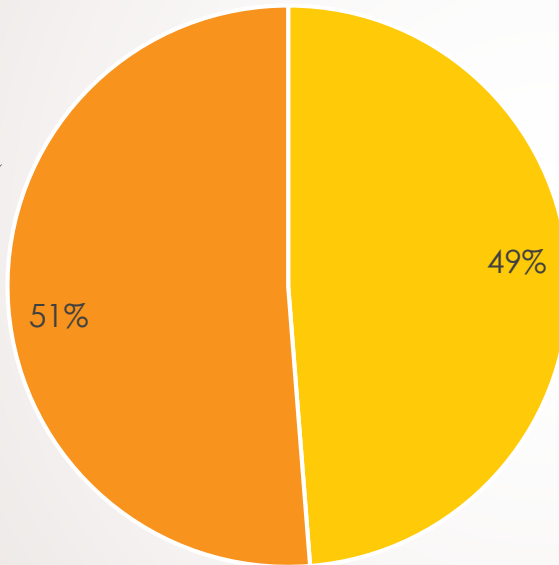


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**Student diversity**

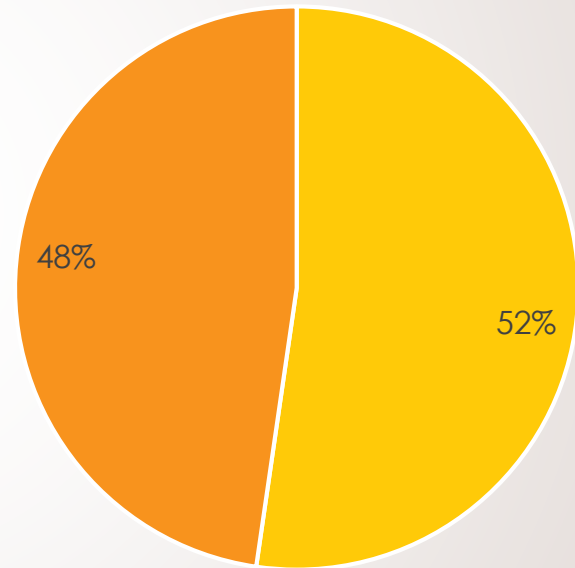
# Gender balance

## Undergraduates



■ Males ■ Females

## Postgraduates



■ Males ■ Females

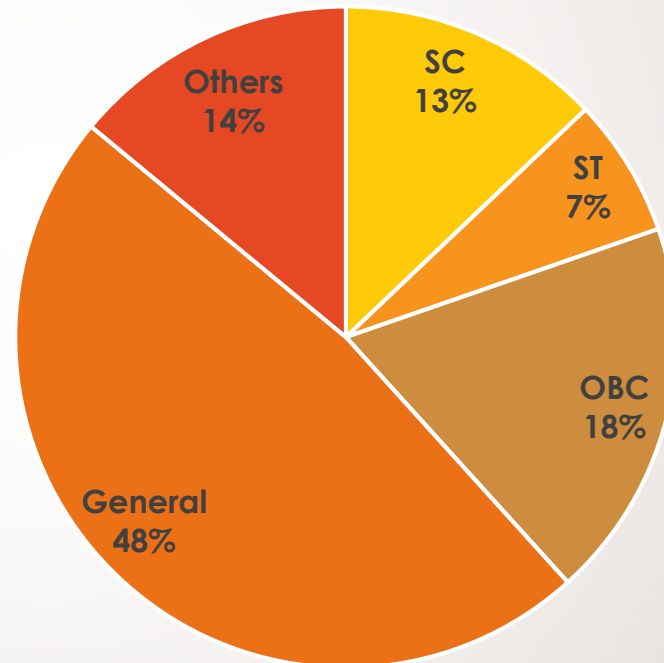
# Social inclusion and diversity

Undergraduate students 2011-16

Seats reserved each year for

- Differently abled- 3 seats
- Rural category- 12 seats

30% of total seats reserved for girls in all categories



■ SC ■ ST ■ OBC ■ General ■ Others

# International students

MoU with

- Maastricht University, Netherlands
- Ben Gurion University, Israel
- University of Jakarta, Indonesia



In the past, students have come for elective posting from:

- North Carolina University, USA
- Rush Medical College, Chicago, USA
- London Medical College, UK
- Nottingham Medical School, UK
- Albert Ludwig University, Freiburg, Germany
- McGill University, Canada





# Teaching-Learning Process

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Unique model where we believe in giving students experiential learning in the field rather than teaching within the four walls of a classroom



# Innovative teaching practices

- ▶ Community oriented medical education
- ▶ Competency based medical education with emphasis on skills training
- ▶ Learner-centric approach
- ▶ Value education
- ▶ Communication skills, bioethics
- ▶ Now moving towards e-learning in a move to encourage self-directed learning



# Skills training @ MGIMS

- ▶ Centralized Skills Laboratory
- ▶ Annual Neonatal Resuscitation Workshops- Dept of Pediatrics
- ▶ Annual Basic Neonatal Care Workshops- Dept of Pediatrics



**MGIMS Institute of Simulation Training:  
American Heart Association accredited  
Basic Life Skills (BLS) and  
Advanced Cardiovascular Life Support (ACLS) courses**

# Skills training @ MGIMS

- ▶ Emergency Obstetric Care (EmOC) and Life Saving Anesthesia Skills (LSAS) training to Medical Officers: Dept of Ob/Gyn and Anesthesia
- ▶ IOL implantation Training: Dept of Ophthalmology



**The institute has been identified as one of the five nodal centres to run National Emergency Life Support (NELS) Programme. A grant of Rs 2.68 crores has been sanctioned from Govt of India**



# UNESCO Nodal Centre for Bioethics

- UNESCO Chairs for MGIMS Bioethics wing established
- Bioethics teaching to be woven longitudinally into every subject of the MBBS course.





# Clinical Forensic Medicine Unit

## MGIMS starts Mah's first clinical forensic med unit

Manka Behi

Nagpur: Taking into consideration the poor quality of medico-legal reports which act as a deceptive factor during judicial trials, the Sevagram-based Mahatma Gandhi Institute of Medical Sciences (MGIMS) and Kasturba Hospital have established Maharashtra's first Clinical Forensic Medicine Unit (CFMU) at the department of forensic medicine.

Started with a purpose to bring an efficient medico-legal system, this unit is incorporated to work hand-in-hand with the emergency centre and all medico-legal cases will be handled under direct supervision of experts from the department.

"Earlier, the handling of such cases was done by casualty medical officers or doctors from clinical department. There was no involvement of the experts from forensic medicine due

### Present system

- ▶ Handling of medico-legal issues by casualty officers or doctors from clinical dept
- ▶ Illegible handwritten notes of reports affected judgment and consumed time
- ▶ Students passed without handling or witnessing a single practical case

to which the results were highly inadequate," informed Dr Indrajit Khanekar, associate professor and department of forensic medicine at MGIMS. Earlier, a PIL was filed in Nagpur bench of the High Court on the project search report by Khanekar seeking directions from Central and State governments to set up forensic medicine and clinical evidences

## MGIMS develops first software to issue death certificate

Nagpur: The Sevagram-based Mahatma Gandhi Institute of Medical Sciences (MGIMS) developed Maharashtra's first software to provide error free medical death certificates. The objective is to help doctors' save time and effort in writing down four to six copies of certificates and to fulfil the legal requirements.

The project was monitored by medical superintendent Dr SP Kalantri, Hospital Information System (HIS) convener, and coordinated by Dr Indrajit Khanekar.

### WELCOME CHANGES

#### Manual system

- ▶ Doctor's time is wasted
- ▶ In 50% of cases names of doctor left incomplete
- ▶ Errors in writing names of deceased
- ▶ Deceased's age, sex not mentioned many times

#### New system

- ▶ Only 10% time needed
- ▶ Easier to take printouts
- ▶ Important aspects have not been missed

ing any fees.

"The medicos have to mention demographic details of patient and their own name in each copy. Average 20-30 minutes is consumed for a single case. Due to manually drafting of several copies, there used to many discrepancies and errors. With the help of new software, doctors can complete all formalities with as many printouts in a couple of minutes and without mistakes," Dr Khandekar said.

ath certificates issued by the treating doctors were

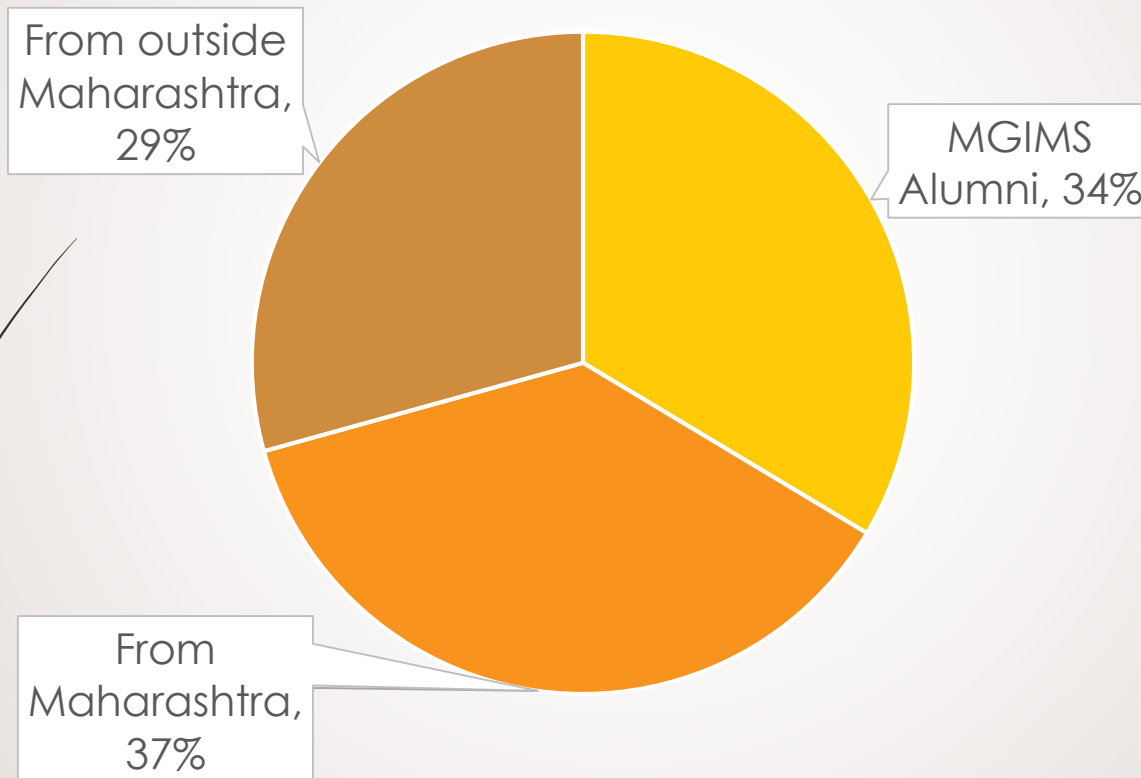
# Faculty: our biggest asset

- ▶ Experienced, motivated and committed faculty
- ▶ Trained in teaching technology

Designation	Number
Dean	1
Emeritus Professors	4
Professors	55
Associate Professors	32
Assistant Professors	56
Total	148

Visiting faculty 16

# Diversity of faculty



■ MGIMS Alumni ■ From Maharashtra ■ From outside Maharashtra ■



# Medical Education Unit

- ▶ Faculty trained in medical education (MHPE, FAIMER, Advanced Course)
- ▶ Regularly conduct faculty development workshops- 24
- ▶ Student workshops on communication skills, medical humanities, developing good study skills- 22
- ▶ Conduct educational research: several projects, presentations and publications
- ▶ Invited as resource persons at national and international fora





# Faculty: Academic Awards

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- ▶ Dr Sharadini Dahanukar Best Teacher Award from MUHS Nashik – 3
- ▶ Excellence in Teaching Award from Indian Academy of Pediatrics (Maharashtra branch)
- ▶ International Fellowship in Medical Education for 2012
- ▶ Champion of Neonatal Resuscitation Programme- First Golden Minute Trophy for Maharashtra State Academic Coordinator
- ▶ FAIMER Regional Institute Fellowships – 4
- ▶ TUFH Fellowships to attend Network Conferences in Thunderbay (Canada), Fortaleza (Brazil) and Johannesburg (South Africa)
- ▶ Nominated member of Indian Advisory Board of Robbins & Cotran's Pathological Basis of Disease

# Evaluation process & reforms

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- ▶ Continuous formative assessment is being done
- ▶ Answerbooks shown to students
- ▶ Feedback given on their performance in internal assessment
- ▶ Online submission of internal assessment marks
- ▶ Internal assessment grievance committee
- ▶ Monitoring of record keeping process by MUHS authorities
- ▶ MGIMS is a centre for MUHS' Central Assessment Programme

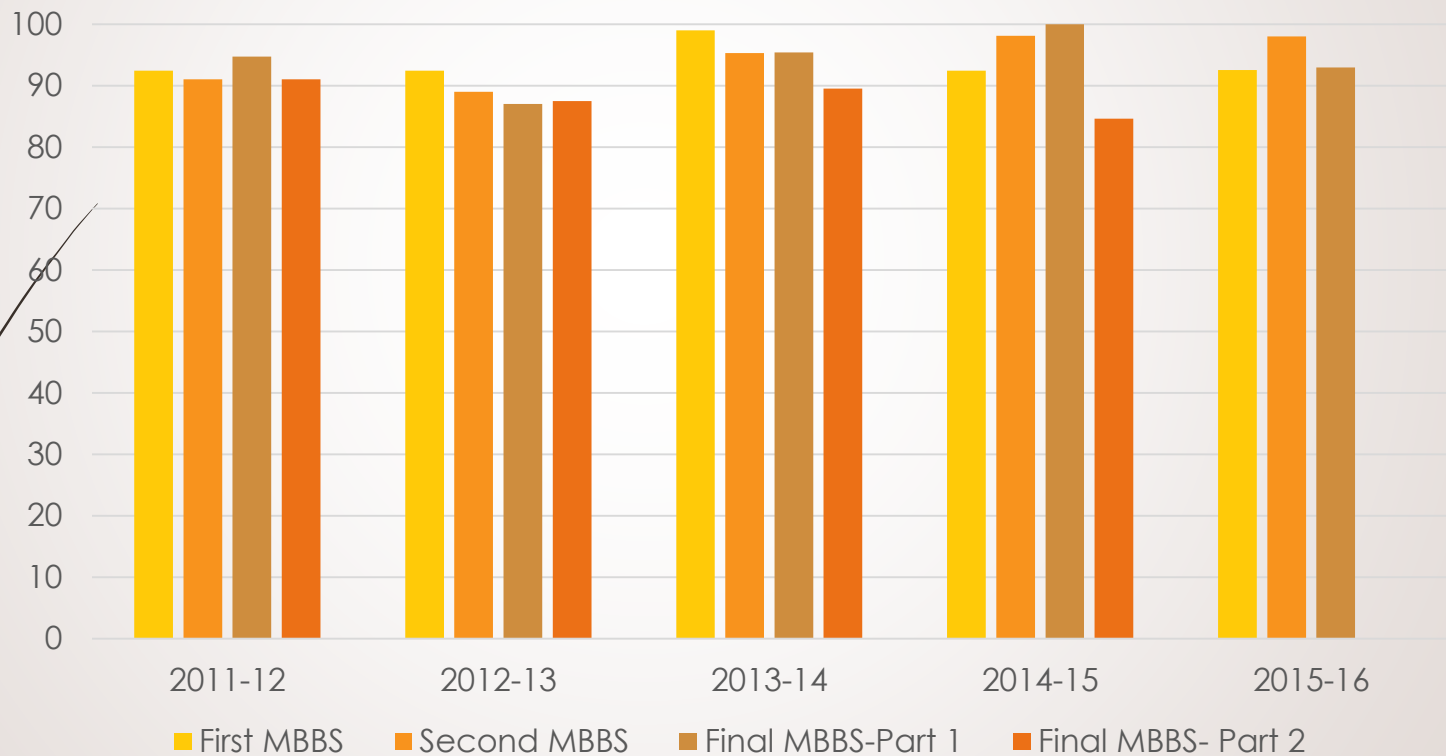
# Evaluation process & reforms

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- ▶ Reforms undertaken by MUHS:
  - ▶ Double evaluation, OMR, barcoding introduced
  - ▶ Online question banks and paper setting
  - ▶ CCTVs installed, strong rooms created for security
  - ▶ Internal vigilance squad monitors exams
  - ▶ Computerized result processing system at MUHS
  - ▶ Online entry of practical results
  - ▶ Timely online declaration of results within 45 days
  - ▶ Since 2016, online submission of thesis
  - ▶ Plagiarism check software in university

# Student Performance and Learning Outcomes

## MBBS Results 2011-16



**Our results have been consistently good at the University**



# Excellence in academics

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- ▶ 45 of our MBBS students have been awarded distinctions from MUHS in the last five years
- ▶ 11 of our students have topped their university exams in
  - ▶ MD Ob/Gyn (2), MD Forensic Medicine, MD Psychiatry, DGO (2), DA, D Ortho, DDVL
- ▶ 11 of our students have stood second in MUHS in
  - ▶ MD Ob/Gyn (2), MD Anesthesia (2), DGO (3), MD Medicine, DLO, Dortho, DCH



Criterion III:

# **Research, Consultancy & Extension Activities**

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# Training in Research Methodology

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- ▶ Research Methodology workshops conducted annually: Mandatory for first year postgraduates- 10
- ▶ Research Methodology workshops conducted for faculty: Mandatory for postgraduate guides- 2
- ▶ Essential National Health Research Workshop conducted for undergraduates- 2
- ▶ Research Protocol writing workshops- 2

# Institutional measures to promote research among faculty

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- ▶ 15 days special leave per year and reimbursement of expenditure incurred in attending workshops, conferences, CMEs
- ▶ Study leave: granted to pursue PhD, fellowships, courses
- ▶ KHS funds research in tropical diseases
- ▶ Rs 15 lakhs/ year- Medical Research Centre, Mumbai- Reverse Pharmacology



# Institutional measures to promote research among PGs

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- ▶ Seed money for PG and faculty research: upto 10 lakhs/ year.
- ▶ Maximum of Rs 25000 per postgraduate student
- ▶ 2011-16: Rs 21 lakhs awarded to 96 students
- ▶ Sushruta Award for best PG thesis annually

# Undergraduate Research



ICMR-STS or MUHS-STRG awards	
Year	No. of students
2011-12	9
2012-13	9
2013-14	8
2014-15	9
2015-16	13

- 2014: Dr Sushila Nayar Memorial Award for best UG research
- 2016: Rs 3,00,000 per year for UG research
  - Short-term Research Grant for individual and group projects
  - Travel Grant
  - Incentives for UG students for publication in scientific journals

# Undergraduate research conferences



**MEDICON 2012**



**ETHOS 2017**

# Funded Research

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- 2011-2016: 90 funded projects
- Grants worth Rs 18.6 crores
- MGIMS also contributes towards the infrastructure and salaries of the investigators.
- Funding agencies: WHO, UNICEF, ICMR, UNFPA, DBT, DST, IARC, UICC, USAID, Aga Khan Foundation, Bill and Melinda Gates Foundation, GOI, Govt of Maharashtra, NIPCCD, MUHS
- Ongoing projects: 34



# Research Infrastructure



- ▶ Jamnalal Bajaj Tropical Disease Research Centre (JBTDR)
- ▶ Tuberculosis Research: Dept of Microbiology
- ▶ Cytogenetics Laboratory: Dept of Anatomy
- ▶ Bioinformatics Centre

# Recognized Centres for Research and Training

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- ▶ WHO Collaborating Centre for Research and Training in Community based Maternal Newborn and Child Health
- ▶ ICMR Advanced Center for Community Based Research in Maternal, Newborn & Child Health
- ▶ ICMR Population Based Cancer Registry: Dept of Pathology
- ▶ Dept of Biochemistry recognized for DST Fund for Improvement in Science and Technology (FIST) infrastructure support
- ▶ Dept of Obstetrics and Gynecology & Anesthesia: Emergency Obstetrics Care and LSAS
- ▶ Dept of Pediatrics: Nodal Centre for Facility Based Newborn Care

# Institutional policy

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- ▶ MGIMS does not accept drug industry support for any conferences, seminars or workshops
- ▶ It is the first medical institute in the country to keep drug industry away from medical education
- ▶ Freebies from medical representatives not permitted

# Academic Activities organized

2011-16	No. of activities
International	6
National	67
State	116
Institutional	100
<b>Total</b>	<b>289</b>





# Academy of Medical Sciences



- Meets every Wednesday afternoon
- 2011-16: 276 sessions
- Guest lectures : 37
- CME/Workshops : 7
- Symposia : 4
- In-house presentations: 239
- Regular annual events:
  - Eye Donation week
  - World AIDS Day
  - World TB Day
  - World Health day
  - International Women's Day

# Publications (2012-16)

Year	Total publications	PubMed Indexed
2012	212	55
2013	138	44
2014	162	53
2015	177	64
2016	155	48
<b>Total</b>	<b>844</b>	<b>264</b>

- Citation index Range : 1-445
- Impact factor Range : 0-8.7
- h-index : 0-29

# Publications in high impact journals

Name of journal	Impact factor
BMJ	19.96
Epidemiology	6.07
Am Heart Journal	4.32
BMC Pregnancy and Childbirth	2.18
Int J Tuberc Lung Dise	2.14
BMC Pediatrics	1.813
Am R Coll Surg England	1.33
Indian J Med Res	1.82
Indian J Med Microbiol	1.00
Indian Pediatrics	0.972
Indian J Dermatol Venereol Leprol	0.932
Natl Med J India	0.907

# In-house publications





# Research Awards

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- ▶ Ms Sahitya Rao (2013 batch) stood first in the Pure Sciences UG Research Project category and represented the University at the 10<sup>th</sup> Maharashtra State Inter-university Research Convention in 2015
- ▶ In the last five years, 21 postgraduate and undergraduate students have won awards for best papers at various scientific meetings

# Major Awards & Recognition

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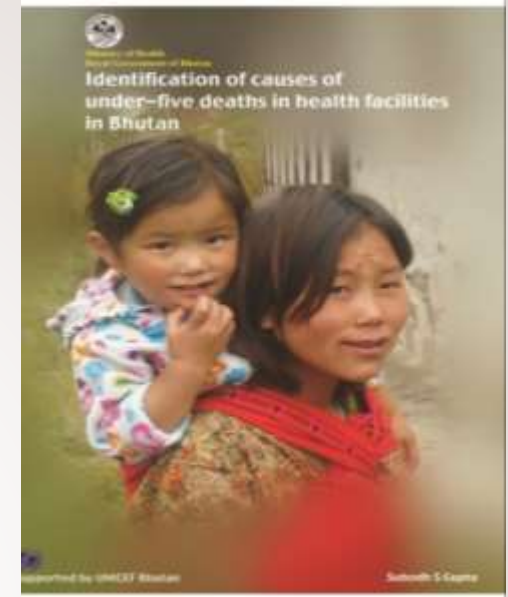
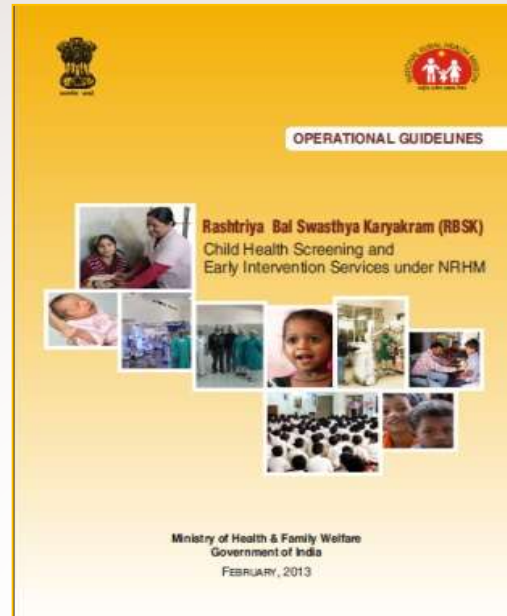
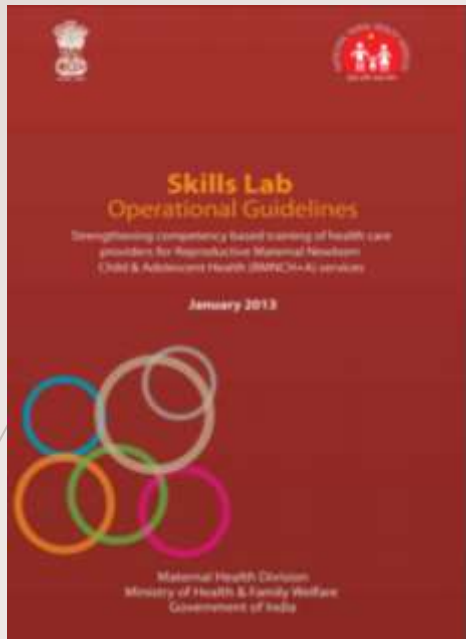
- ▶ Nominated to Governing Council of ICMR
- ▶ Member, National Task Force on Millennium Development Goal 5
- ▶ International Fellowship in Cancer Epidemiology
- ▶ Scholarship from Maternal Health Task Force, Harvard School of Public Health
- ▶ WHO Fellowship for Communicable and Non communicable diseases, Amsterdam
- ▶ ICMR Travel Fellowship
- ▶ Rajiv Gandhi National Fellowship from UGC
- ▶ Eight orations and 26 different fellowships.....

# Consultancy

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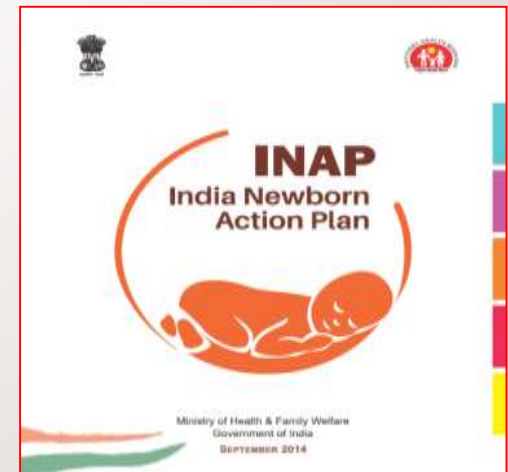
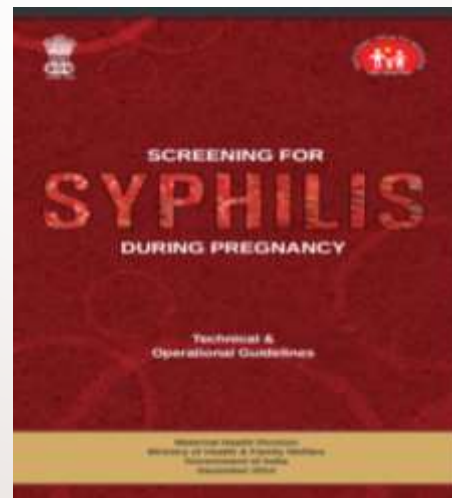
Our faculty have provided consultancy to:

- ▶ **WHO:** Development of planning and management guidelines and training material at provincial, district & Ri level in DPR Korea (April 2011)
- ▶ **Public Health Foundation of India:** External Technical Review as a part of 10 years Review of PHFI (Jan 2017)
- ▶ **UNICEF Bhutan:** Identification of causes of under-five deaths in health facilities in Bhutan (August 2012)
- ▶ **UNICEF Bhutan:** Assessment of child care services in hospitals in Bhutan (March 2013)



# Consultancy

Our faculty have been invited as experts and contributed to formulation of international & national guidelines in these documents





# MGIMS is listed in WHO's Regional Directory of Training Institutions



# CIPS Five state project 2013-14

## Team effort by

- MGIMS Sevagram
- CMC Vellore
- Centre for Innovations in Public Services (CIPS), Hyderabad



- MOHFW initiative
- Teams disseminated curricular innovations to other colleges with an intention to replicate them
- Medical colleges selected in
  - Kakinada (Andhra Pradesh)
  - Vadodara (Gujarat)
  - Patiala (Punjab)
  - Jorhat (Assam)
  - Agartala (Tripura)

# Labs for Life Project



- ▶ Project of CDC, NACO, MOHFW
- ▶ To improve the quality of laboratory services
- ▶ Departments of Microbiology, Pathology and Biochemistry nominated
- ▶ MGIMS has achieved the highest score in the 2016 assessment among 10 medical colleges in the project from 6 states



# Extension activities and Institutional Social Responsibility





# Community Mobilization Activities

The institute has adopted three primary health centres and developed a model of decentralized healthcare delivery at village level through Community-based Organizations and the Panchayati Raj Institutions.



The institute has facilitated formation of

- 275 Self Help Groups
- 10 Kisan Vikas Manch
- 89 Kishori Panchayats
- 76 Village Health and Sanitation Committees



# WHO Award for Excellence in Primary Health Care, 2011

*(ICICI Lombard and CNBC-TV 18 India  
Healthcare Awards)*



# Tribal Health Project, Utawali, Melghat



- Tribal area infamous for malnutrition related deaths
- 2012: Dr Sushila Nayar Hospital started
- 100 villages receive community based maternal, neonatal care in Dharni block of Melghat



# Social ophthalmology

- Door to door cataract screening in all 8 blocks of Wardha district
- Project on Screening for Diabetic Retinopathy in Wardha District: Queen Elizabeth Diamond Jubilee Trust has sanctioned a grant of Rs 2 crores





# The White Coat Army



Undergraduate students spread awareness against alcohol and tobacco addiction

# Health insurance scheme



कस्तुरबा दवाखाना, सेवाग्राम  
वार्षिक कौटुंबिक आरोग्य विमा कार्ड योजना  
1.10 रुपया प्रति दिवस  
5 व्यक्तित्ची आरोग्य नोंदणी  
50% दवाखान्याच्या बिलावर सुट  
वार्षिक नोंदणी 31 डिसेंबर पर्यंत  
रु.400\* प्रतिवर्ष 5 व्यक्तित्च्या कुटूंबासाठी

- ▶ Health Insurance Scheme:  
Rs 400 per year- 50%  
subsidy on OPD and IPD  
bills

## 2015-16:

- ▶ 18807 families
- ▶ 86199 members
- ▶ Jowar Health Assurance  
Scheme 2015-16:
- ▶ 40 villages
- ▶ 90201 rural people insured



# Low cost drug initiative

- ▶ To provide appropriate and affordable drugs to our patients.
- ▶ Reduce the cost of drugs to the patient



# Rajiv Gandhi Jeevandayi Arogya Yojana (RGJAY)

- Kasturba Hospital was identified as a key hospital to run this health package by Govt of Maharashtra
- Provides free medical care for around 971 surgeries/therapies/ procedures for the poor.





# Akanksha: Licensed adoption home

- Sevagram Project: started to help unwed mothers – (Dept of Ob/Gyn)
- Hope for abandoned babies
- Akanksha - Licensed adoption home supported by KHS



# Sevabhaav: The Community Radio Show



## *'Seva Bhaav', MGIMS' radio show, to be broadcast from today*

■ Seva Bhaav will broadcast a talk with Dr. Ujjwal Jaiswal, Professor and Head, Department of Medicine at MGIMS at 9 am on Radio 90.4 FM on Thursday.

■ District Correspondent  
WARDHA, Apr 22

■ JYOTIRAMA Gandhi Institute of Medical Sciences (MGIMS), Sevagram, has started 'Seva Bhaav', a radio show that aims to fight on a variety of issues relat-

ed to health and disease in the community. The weekly show, started in collaboration with a community-based Wardha radio station - MGIRI Radio 90.4 FM, will be launched on April 23.

In a press release here on Wednesday, Dr. B. S. Gang, Secretary of Kasturba Health Society, Dr. E. R. Patil, Dean, MGIMS, Dr. P. Kulkarni, Medical Superintendent, Kasturba Hospital, Sevagram and Shady Jain-Kulkarni, IAS, mentioned that 'Seva Bhaav' has been designed with a sole intent to help the community.

MGIMS has taken a new step to reach out to people by using a radio - a universal mode of communication. Broadcasting talks of MGIMS faculty, 'Seva Bhaav' will offer doctors an opportunity to engage with doctors from different specialties who can create health awareness in the community, separate myths from reality and help people understand what it takes to stay healthy. Also, doctors from MGIMS will talk on a variety of diseases and will assist people in knowing how low-cost high-quality medical care can be accessed further based on their

Seva Bhaav will broadcast a talk with Dr. Ujjwal Jaiswal, Professor and Head of the department of Medicine at MGIMS at 9 am on Radio 90.4 FM on April 23. Dr. Jaiswal will share his views on community-based health insurance schemes and how it helps close to 67,000 families (2.64 lakh members) from 48 villages around Sevagram in 2014-15. After the broadcast, the talks will also be available online at the MGIMS website, [www.mgims.ac.in](http://www.mgims.ac.in).

The officials of MGIMS have appealed radio listeners to take benefit of the same.

- Weekly radio show started in April 2015 in collaboration with a community based Wardha radio station MGIRI Radio 90.4 FM
- So far 57 talks broadcast by faculty members from 12 departments, 6 undergraduates and community organizations.

# Alumni funded initiatives



- ▶ Alumni celebrate their silver jubilee by visiting their adopted villages and meeting their adopted families
- ▶ Contribute to Village Education and Development Fund



# Arogyadham

- ▶ Traditional Health care & Research Project
- ▶ Promotion of Positive health
- ▶ Facilities for Ayurveda, Yoga & Naturopathy
- ▶ Health Retreat, Herbal Garden





# Collaborations

	Collaborations with
Universities	Maastricht University, Netherlands; Ben Gurion University, Israel; and Jakarta University, Indonesia
National agencies	MOHFW, Central TB Division, Public Health Foundation of India, ICMR, National Institute of Public Cooperation and Child Development, IndiaCLEN, National Reference Centre for Leptospirosis, National Centre for Disease Control, FOGSI, ICMR Cancer Registry programme, Labs for Life, Voluntary Health Association of India, Community based organizations, Government health system
International agencies	WHO, UNICEF, UNFPA, International Agency for Research on Cancer (IARC) France, National Institutes for Health (NIH) Bethesda, Network towards Unity of Health, Population Health Research Institute, McMaster University, Canada etc.

## Criterion IV: Infrastructure & Learning Resources

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# Physical facilities

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- ▶ Spread over a sprawling campus of over 450 acres
- ▶ 934 bedded hospital with
  - ▶ 690 teaching beds
  - ▶ 100 service beds
  - ▶ 32 private rooms
  - ▶ 62 beds in different ICUs
  - ▶ 50 bed hospital in Utawali, Melghat

# New Medicine Building



- ▶ Over 70000 sq ft area. Costs 7.8 crores.
- ▶ Comprises of OPD, triage facility, medical wards, a 26 bedded ICU, facilities for endoscopy, hemodialysis, Cath lab, a pharmacy, prayer room and conference and seminar room



# Model Maternal and Child Health Wing

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- Costs over 26 crores
- Model MCH wing for comprehensive reproductive, maternal, newborn and child and adolescent health (RMNCH+A) at MGIMS Sevagram

# New Operation Theatre Complex

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- ▶ 13 operation theatres
- ▶ Ten main operation theatres and three OTs for septic and emergency operations
- ▶ Ten modular OT suites, an intensive care unit and pre-operative assessment ward with ten beds each, two recovery rooms and a medical store
- ▶ Over 15000 square feet

# New hostels



Four new hostels constructed to meet the requirements of increased strength from 65 to 100 students per year



# New Guest House

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A new guest house with thirteen rooms has been constructed on campus

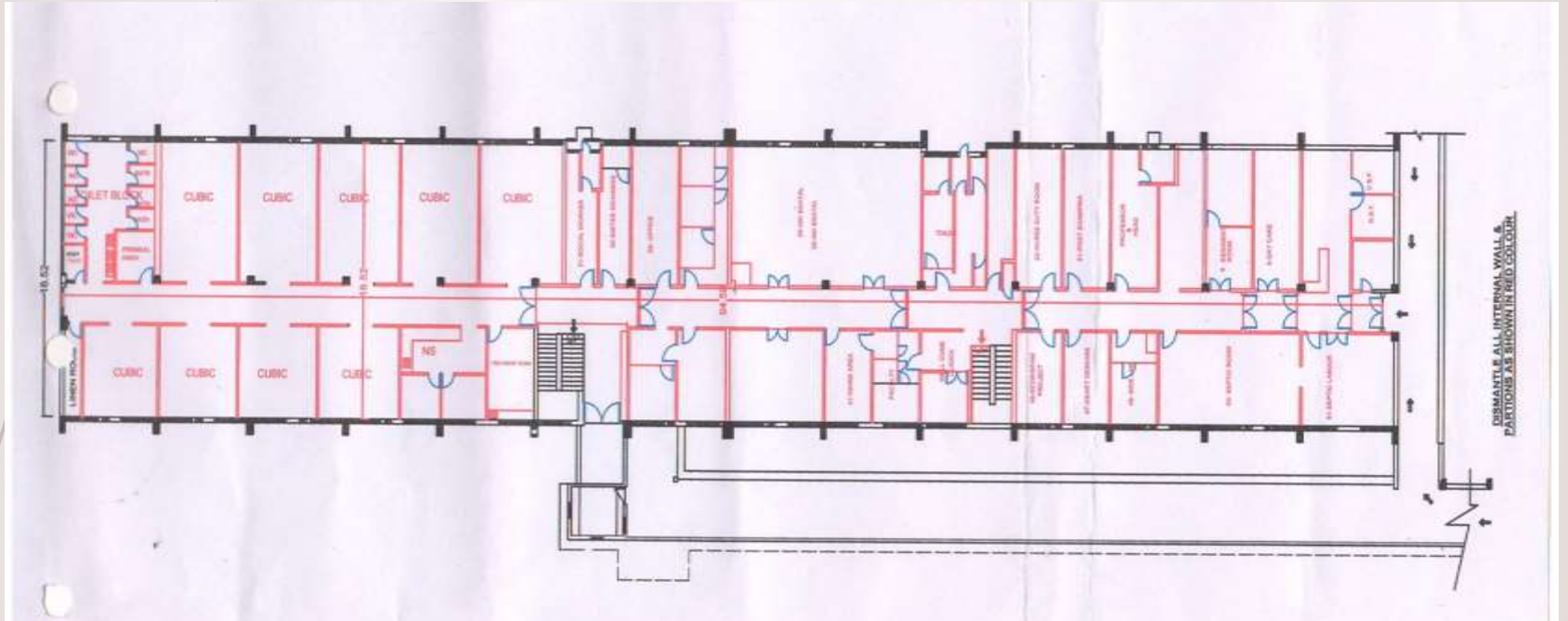


# Digital Library

- ▶ Budget of Rs 73.2 lakhs in 2015-16
- ▶ 28487 books and 17755 bound volumes
- ▶ Subscribes to 116 journals: 71 international and 45 national
- ▶ Dedicated library server installed
- ▶ SLIM21 library management software installed
- ▶ Subscribes to
  - ▶ UpToDate
  - ▶ DELNET Network
  - ▶ ERMED consortium from 2017

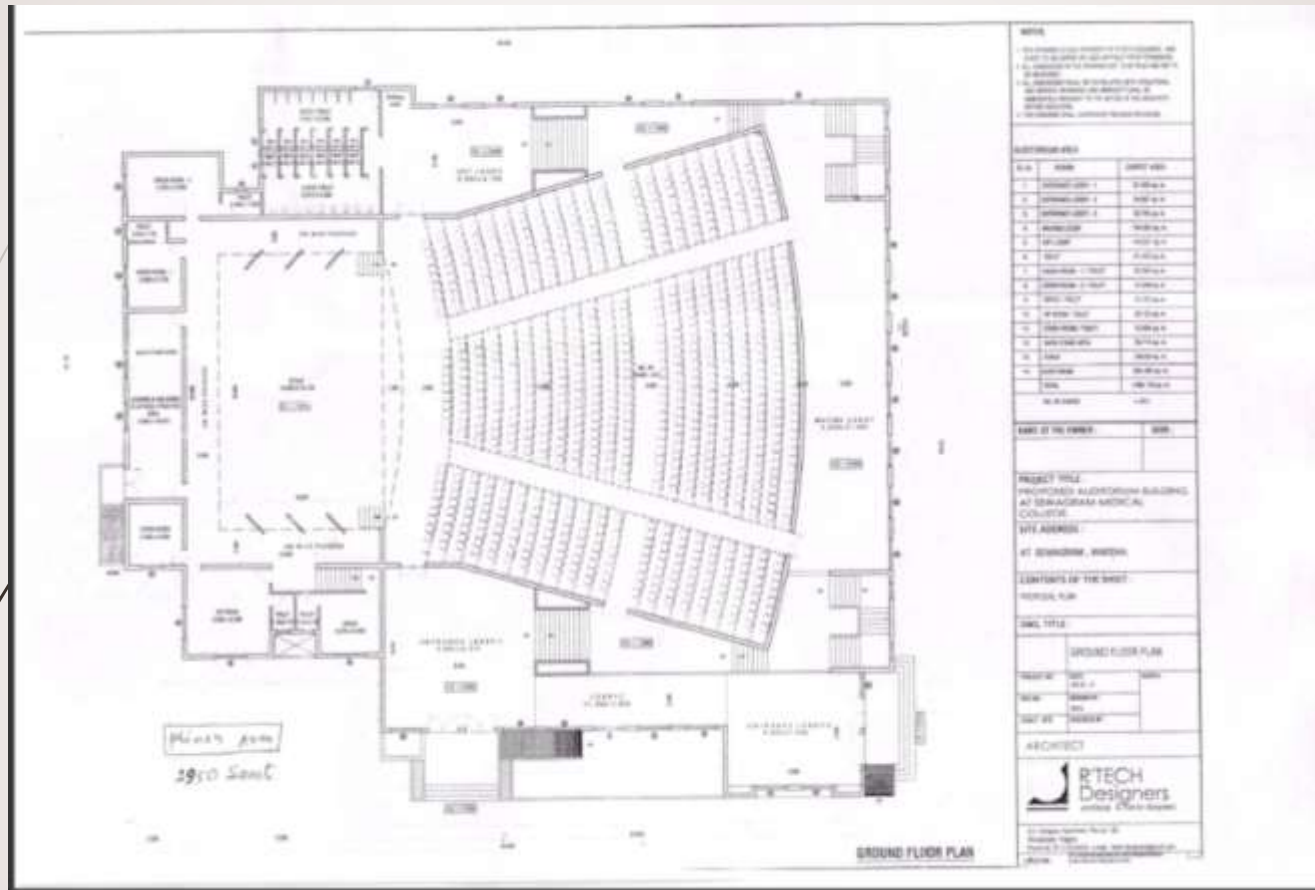


# New library under construction



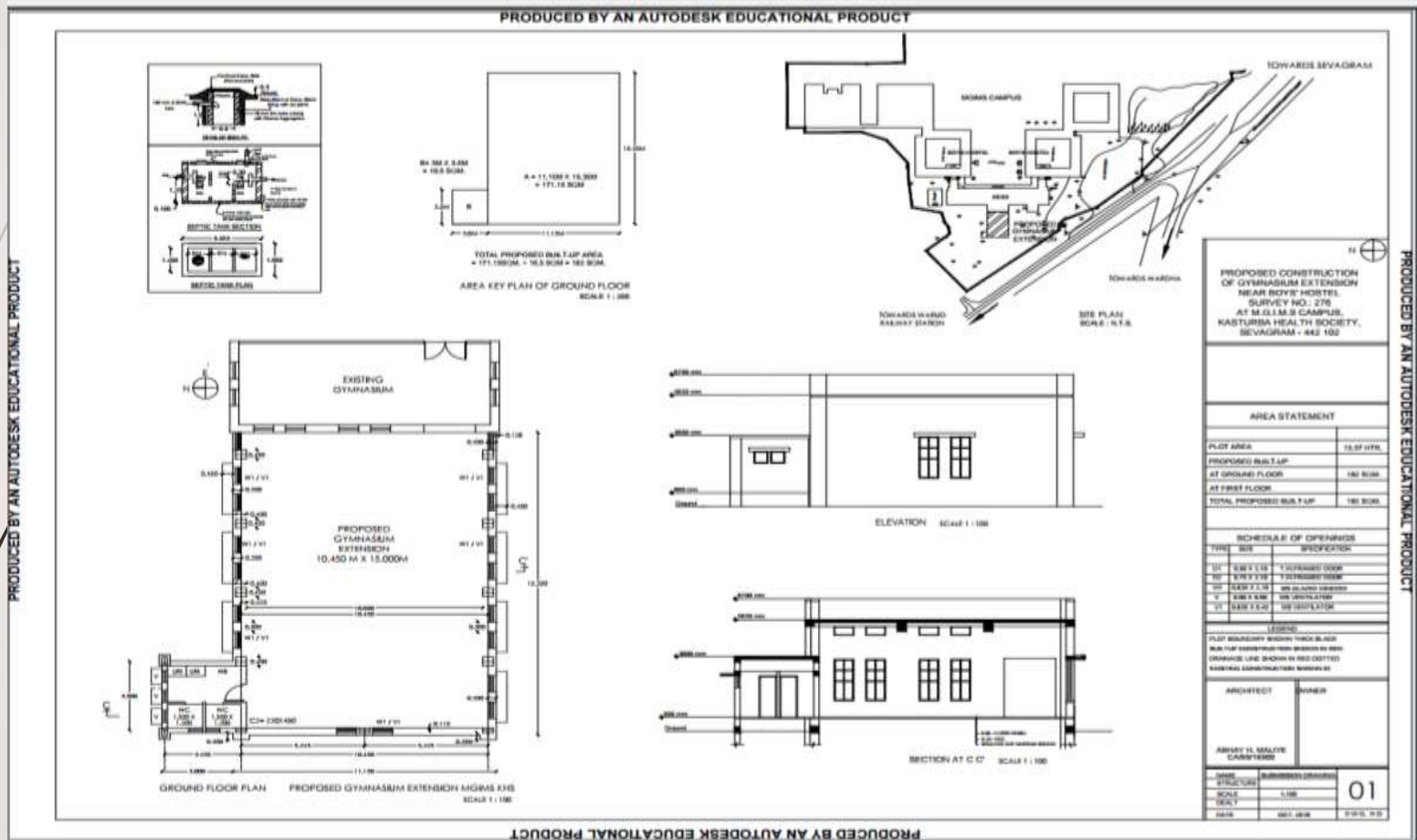
- New centrally air conditioned library is being constructed in a 17000 sq feet area at approximate cost of 3.5 crores
- It will house a digital e-library with 50 computers, reading rooms for undergraduates and residents, designated faculty area, a cafeteria, areas for team study, an audiovisual hall, staff rooms, reprography area, and kiosks for browsing.

# Auditorium under construction



- The new 800 seater auditorium is being constructed over 1495 sq m.- estimated cost: 5 crores
- The auditorium complex plan has green rooms, two seminar rooms with a capacity of 120, facilities for modern acoustic and audiovisual display and spacious parking area.

# Gymnasium under construction



A new gymnasium worth over Rs 30 lakhs is under construction in boys' hostel



# Clinical material and learning resources

## Hospital data (2015-16)

Outpatients seen	826808
Inpatients	47204
Outreach patients examined	94063
Investigations (Patho, Bio, Micro)	917536
Radiological investigations	145118

# Facilities at Kasturba Hospital

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- ▶ State-of-the-art intensive care units in Medicine, Surgery, Ob/Gyn and Pediatrics
- ▶ Sri Satya Sai Accident and Emergency Unit
- ▶ Tertiary Cancer Centre
- ▶ Hemodialysis unit
- ▶ Blood Component Unit
- ▶ MRI, CT Scan, Mammography, digital subtraction angiography
- ▶ Modern diagnostic laboratories
- ▶ Cath lab

# Hospital Information System



- A state-of-the-art, fully integrated hospital information system
- Provides a full set of tools for registering patients, ordering tests, retrieving test results and generating electronic discharge summaries

# Use of information technology



- ▶ High speed internet on campus provided by National Knowledge Network (NKN)
- ▶ Wifi network available in hospital, hostels, faculty residences and rural centres
- ▶ Over 300 desktop computers all over campus
- ▶ Every faculty and student has an MGIMS email ID
- ▶ Most communication done online



# Maintenance of campus facilities

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- ▶ Looked after by the Engineering and Maintenance Department of the institute
- ▶ Attend to calls related to civil and electrical work 24 x 7
- ▶ Two biomedical engineers cater to all equipment related repair call
- ▶ Separate garden section to improve the physical ambience

Criterion V:  
**Student Support & Progression**



# Student support activities

- ▶ Mentoring cell: structured programme, mentor-mentee meetings held regularly
- ▶ Students Guidance and Counseling Centre: started in 2014





# Developing Good Study Skills



Workshops conducted by  
the Medical Education Unit



# Book Bank Schemes

- ▶ **MUHS Book Bank Scheme:**
  - ▶ For economically backward students
  - ▶ For beneficiaries of Govt. scholarship scheme
- ▶ **Needy Students Library:** for all students
- ▶ **Dr. Anand Karkhanis Book Bank Scheme:** for all students
- ▶ **Earn and learn scheme**



# Scholarships and Financial assistance (2011-16)

Year	Amount distributed
2011-2012	194823
2012-2013	99000
2013-2014	85420
2014-2015	83000
2015-2016	95461
2016-2017	514000
President, KHS	781300
<b>Total</b>	<b>1853004</b>

- ▶ Government scholarships to socially disadvantaged students: Rs 2.6 crores to 107 students
- ▶ Institutional financial assistance: 36 students

Rs 51 lakhs received from Shri Sathya Sai Health and Education Trust for providing free education to needy students





# Support mechanisms

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- ▶ Zero tolerance to ragging
- ▶ Anti ragging committee and squad in place
- ▶ Students' Grievance Redressal Committee
- ▶ Internal Assessment Grievance Committee
- ▶ Cell for prevention of Sexual Harassment in the workplace



# Alumni networks

- ▶ Registered alumni association
- ▶ Strong presence and networks on social media
- ▶ Alumni contribute to development of institute
- ▶ Deliver academic talks and career guidance to students when they visit



# Student progression

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- ▶ Our students are given first preference for post-graduation
- ▶ MGIMS makes efforts to collaborate with NGOs for rural placement of its graduates
- ▶ No drop outs from MBBS in the last five years

# Student participation and activities

- Wide range of activities:
  - Cultural
  - Sports
  - Literary
  - Magazine
  - NSS





# Students' Council







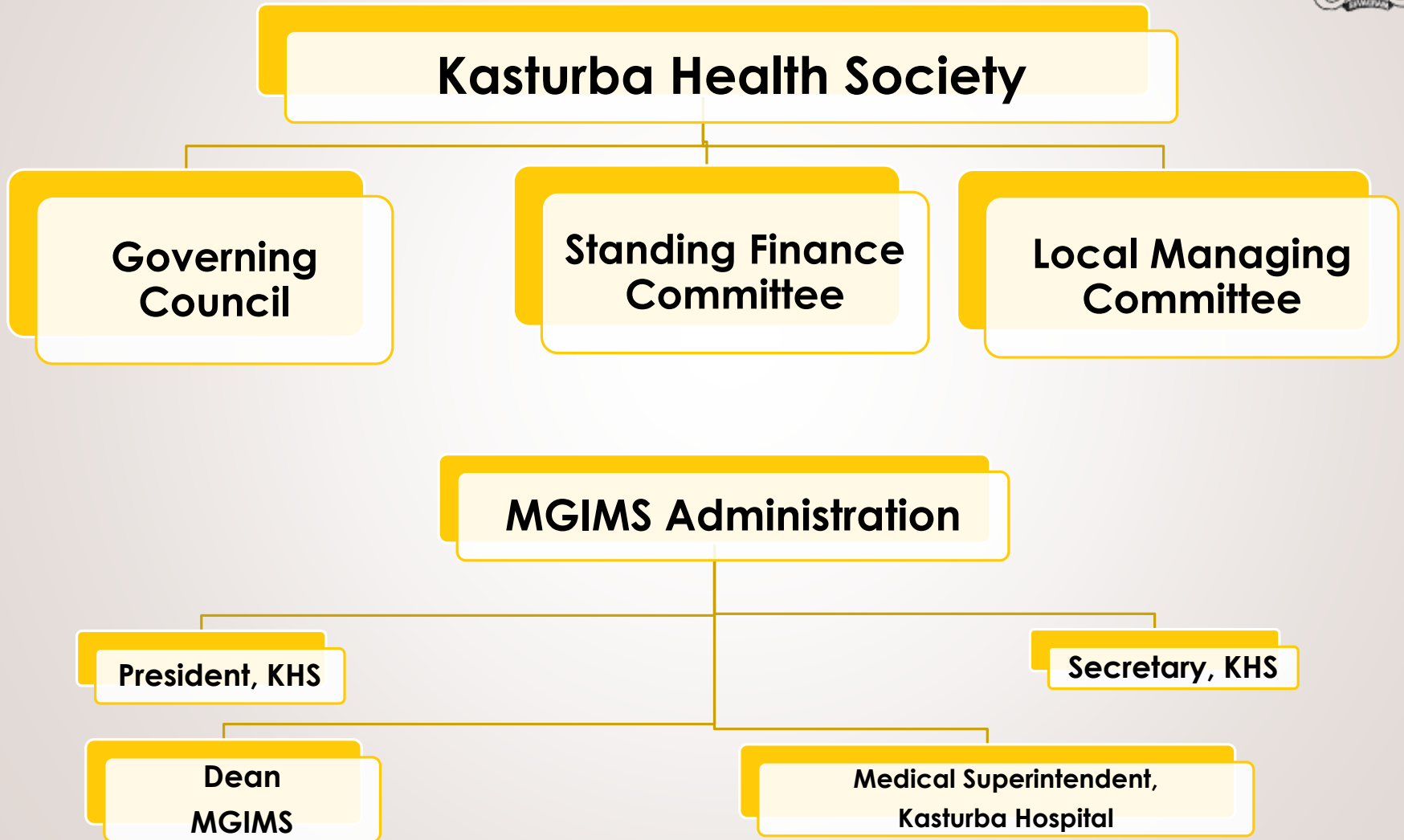
Criterion VI:

# **Governance, Leadership & Management**

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# Organizational structure



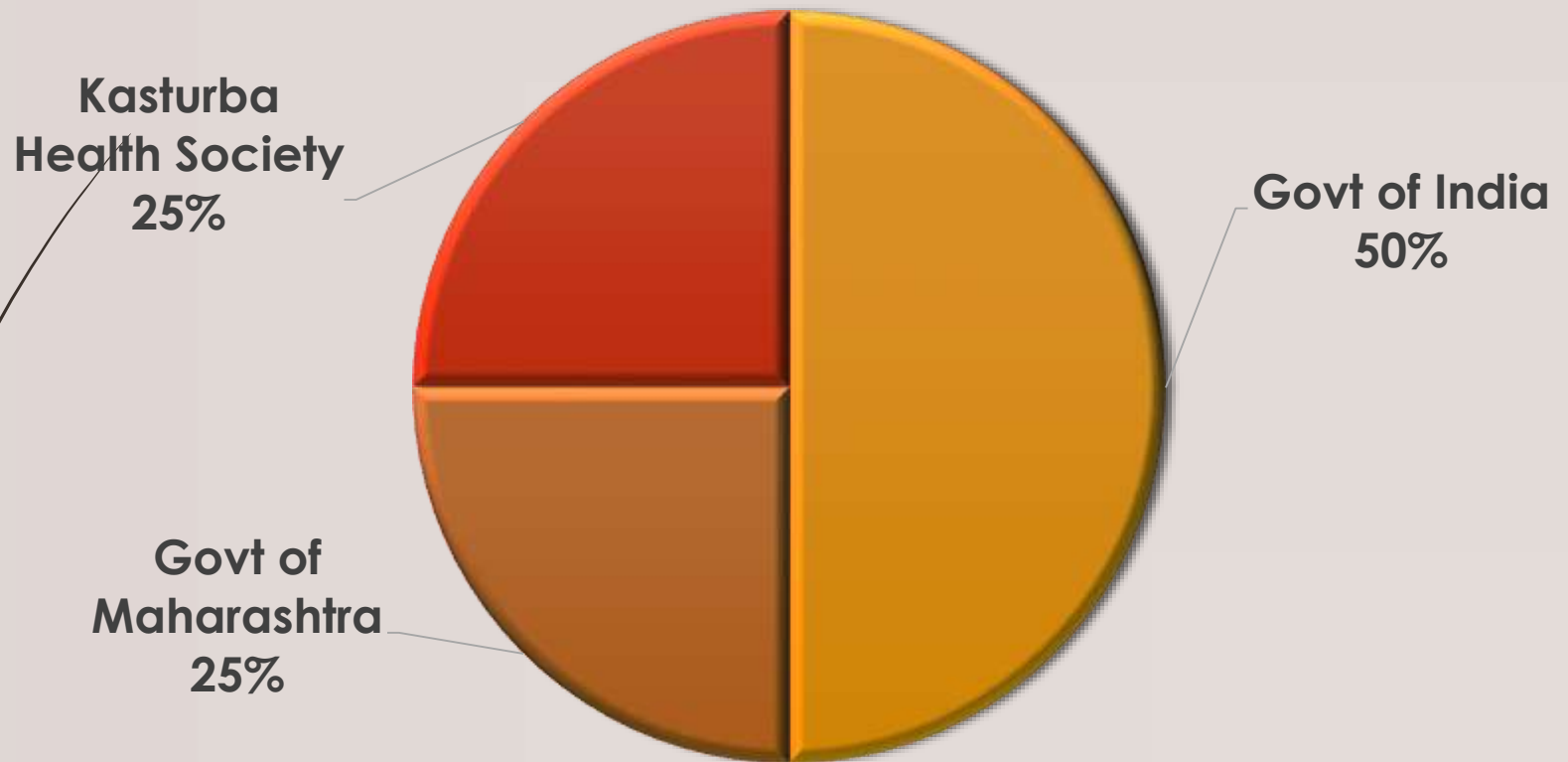
# Institutional leadership



- ▶ Policies aligned with vision and mission
- ▶ Proactive and supportive management
- ▶ Healthy relationship with all members
- ▶ No administrative delays
- ▶ Transparency in administrative activities
- ▶ Effective delegation of responsibilities

# The financial agreement

Annual expenditure shared between  
Govt of India, Govt of Maharashtra & Kasturba Health Society





# Financial management and resource mobilization

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- ▶ Led by a chartered accountant with good financial acumen
- ▶ Kasturba Health Society contributes to 25% of the total annual expenditure
- ▶ Raises this amount through donations from philanthropic organizations and resource mobilization through its stakeholders
- ▶ Internal and CAG audit performed

# Specific strategies adopted for better governance

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- Decentralization of responsibilities
- Use of information technology to make documentation, monitoring and retrieval easier
- Clearly defined policies and rules for most processes
- Benchmarks set for quality in education, research and service
- Review and action taken on feedback

# Faculty retention strategies

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- ▶ Faculty attrition happens especially at junior level, due to geographical location of institute
- ▶ Faculty emoluments paid according to 6<sup>th</sup> Pay Commission guidelines
- ▶ Institute's personal promotion scheme recognizes individual excellence and potential
- ▶ Promotes higher training and professional development by deputing faculty on study leave with bond
- ▶ Good residential accommodation
- ▶ 2 MBBS seats reserved for teaching and non-teaching KHS employees on basis of merit

# Internal Quality Assurance Cell (IQAC)

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- ▶ Nodal agency which collates feedback from students, alumni, faculty, parents, non-teaching staff
- ▶ Submits Annual Quality Assurance Report to NAAC
- ▶ Collates and compiles data through Documentation Unit- publishes Annual Report
- ▶ Forms basis for
  - ▶ Decision making
  - ▶ Performance monitoring
  - ▶ Budgeting and planning for the future
- ▶ Academic Audit submitted to MUHS annually
- ▶ Monitors performance of individual departments





Criterion VII:

# **Innovations & Best Practices**

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# Environmental consciousness

- ▶ Tree plantation drives
- ▶ Solar water heaters installed in all hostels
- ▶ BSL-3 Laboratory (Microbiology) and Anesthesia Operation theatre are run on solar energy
- ▶ Recycling of hospital waste (paper and fabric) to create useful stationery
- ▶ Effluent treatment plant



# 'Cycles on campus' initiative



- ▶ Bicycle melas
- ▶ Interest free loans available to purchase cycles
- ▶ Talks to promote cycling







# Best practices @ MGIMS

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- ▶ Community Mobilization
- ▶ Proactive Medical Education Unit
- ▶ Thrust on community oriented research
- ▶ Hospital Information System
- ▶ Low / No cost healthcare
- ▶ Health Assurance Scheme
- ▶ White Coat Army
- ▶ Clinical Forensic Medicine Unit



# SWOC Analysis

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## **STRENGTHS**

- ▶ Credibility and reputation of MGIMS – Gandhian principles
- ▶ Strong linkages with community and health system
- ▶ State of the art infrastructure and learning resources
- ▶ Innovative patient schemes, innovative curricular model

## **WEAKNESSES**

- ▶ Difficulty in starting super-specialty courses due to geographical location.
- ▶ Restrictive and rigid university schedule does not allow us to give students weightage for their performance in curricular innovations

# SWOC Analysis

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## OPPORTUNITIES

- ▶ Recognition of work & good networking with govt and non-govt agencies
- ▶ Ability to attract grants: research and infrastructural development
- ▶ Management gives freedom and opportunities to innovate in health care, teaching and research

## CHALLENGES

- ▶ Uncertainty about consequences of NEET on rural placement scheme
- ▶ Rural location makes retention of super specialists difficult

# Best example of not-for-profit hospital

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- MGIMS is one of the best examples of private-public partnership
- Combines efficiency and missionary zeal of private voluntary sector
- Concern for access of services and high coverage, compliance to rules, equal opportunities in employment of public sector



# Future Plans

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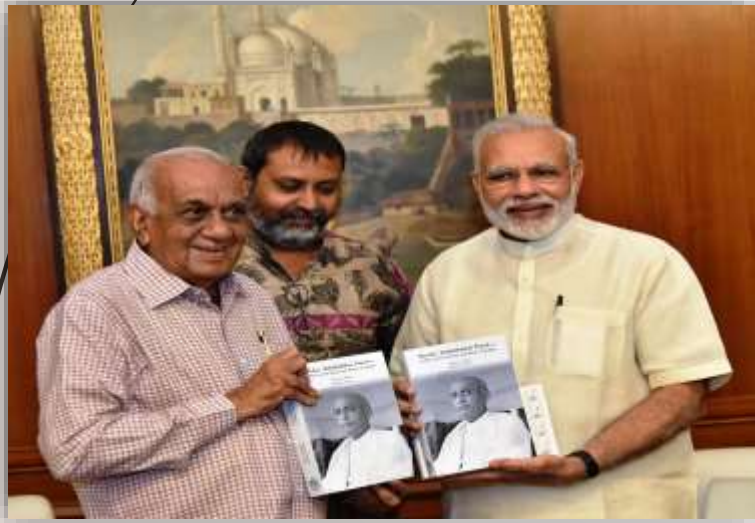
- ▶ Infrastructural additions – Library, Auditorium
- ▶ Regional cancer centre and palliative care
- ▶ Telemedicine
- ▶ Upgradation of HIS to version 2





**MGIMS is free India's first attempt to  
change the destiny of rural health**





**An attempt is a small thing, but it can be a promise for the future.**