

**Mahatma Gandhi Institute of Medical Sciences, Sevagram**

**INTERNAL QUALITY ASSURANCE CELL**

**ACTION TAKEN REPORT 2020-21**

The following activities were conducted in the year 20-21 based on decisions taken at the meetings of the IQAC:

**COVID-RELATED ACTIVITIES**

1. MGIMS Sevagram and Kasturba Hospital were declared dedicated COVID Hospitals for Wardha district.
2. A 400-bed block was repurposed into a COVID block with a 30 bed ICU. Health care workers and doctors from all departments were trained to treat these patients and communicate with their relatives.
3. RT-PCR testing facilities were set up in the Microbiology department.
4. Those residents and interns who turned COVID positive during their duty were provided isolation facilities
5. COVID vaccination drive conducted.
6. Checklist for village preparedness to face COVID developed by Department of Community Medicine accepted by Ministry of Panchayati Raj to be implemented in all villages of India. The checklist is to be used by Gram Panchayats to combat and prepare for the COVID pandemic.
7. Vaccine trials for Covishield and Covaxin were conducted.
8. Seroprevalence studies on COVID were conducted in Wardha district by the Department of Community Medicine in collaboration with district health authorities
9. MGIMS sent a team of 45 residents to help Mumbai hospitals who were battling COVID in May 2020. At that point COVID had not reached Sevagram.
10. Undergraduate student volunteers participated in contact screening, screening in the OPD and helped in the labs, sample collection areas and data management during the pandemic.

**TEACHING AND LEARNING**

11. Online teaching and formative assessment conducted successfully using the MGIMS Classroom which is a MOODLE based learning management system. Google Meet was used to conduct synchronous sessions. This was possible because 100 teachers were already trained in MOODLE in 2015-16
12. Teachers supported and trained in enhancing student engagement online.
13. Course completed on time despite hurdles due to the pandemic.
14. Almost 50% of undergraduates preferred to stay back on campus. They were provided a safe and sterile environment.

**INFRASTRUCTURE**

15. A new Palliative Care Centre has been established at Kasturba Hospital



**DEAN**

**Mahatma Gandhi Institute of  
Medical Sciences, SEVAGRAM**

16. Funding has been received from the alumni of the institute for construction of two new hostel blocks. Space has been identified and two new hostel blocks with 50 rooms each are being constructed over a total area of 25300 sq m
17. Establishment of Genomics and Genetics Laboratory: Space has been earmarked for the Genetics and Genomics Laboratory and equipment is being purchased. Faculty have been sent for training. The faculty have applied to the Department of Biotechnology for a grant and the project has been shortlisted under the UMMID project
18. Renovation of Pathology Lecture Hall and Pathology Department done. The lecture hall has been equipped with air conditioners and a new LCD projection system
19. Plan to establish a new IVF Laboratory: Space for the laboratory has been identified in the basement of MCH wing. The laboratory will be developed over an area of 5000 square feet
20. Common collection centre was shifted to a more spacious central area in the OPD premises where sample collection could be done more easily
21. Pharmacy was shifted to a new spacious premises which has eight counters with special arrangements for disabled patients, emergency patients and senior citizens

### **ACADEMIC ACTIVITIES ORGANIZED**

Several academic activities were organized, most in online and virtual mode by different departments of the institute:

#### **Anesthesia:**

- Virtual Symposium on Critical care of Covid Patients: 9-10 Mar 2021

#### **Research Unit:**

- Online Workshop on Protocol Writing (WPW) for Post-graduate Students of 2020 batch; 3 – 5 Nov 2020
- Online Workshop on Protocol Writing (for first year Post-graduate students): 10–12 Nov 2020

#### **Community Medicine:**

- 2nd IAPSM Young Leaders' National Conclave 2021: Nurturing Champions for Public Health Agenda; 22– 27 Mar 2021
- Pre-conclave workshops 24-25 Mar 2021
  - Participatory Action Research in Public Health 2021
  - Public Health Data Visualisation for Beginners using R
  - Digital innovations for Public Health: Developing Apps without Coding
  - Taking Health Innovations to Scale
  - Social Return on investment (SRoI)
  - Health Impact Evaluation
  - Visual Methods for Change
  - Artificial Intelligence in Indian Public Health Scenario
  - A Primer on Operational Research in Public Health Programmes
  - Systematic Review and Meta-analyses
  - Leadership in the Integrated Care of the Elderly
  - Most Significant Change - impact evaluation beyond numbers
- Online Workshop on Community Preparedness Against COVID-19, 24 May 2020
- Training on Inclusive Early Childhood development (Module 1); 15 -22 Oct 2020



**DEAN**

*Mahatma Gandhi Institute of  
Medical Sciences, SEVAGRAM*

- Training on International Guide for Monitoring Child Development (GMCD) under the Inclusive Early Childhood development; 5-8 Jan 2021
- Sensitization training on Inclusive Early Childhood development; 17 -18 Jan 2021
- Training of master trainers on Intergenerational Programming (Sahajeevan: Chaitanya Natyanche); 27-28 Jan 2021
- Training of master trainers on Intergenerational Programming (Sahajeevan: Chaitanya Natyanche); 01-02 Feb 2021
- Training of trainers on Nurturing care; 10 -13 Feb 2021
- Sensitization Workshop on Community Preparedness Against COVID-19 for frontline workers of Wardha district; 1 Mar 2021
- Sensitization Workshop on Community Preparedness Against COVID-19 for PRI representatives of Wardha district; 2 Mar 2021
- Sensitization Workshop on Community Preparedness Against COVID-19 for Urban local bodies representatives of Wardha district; 3 Mar 2021

#### **Obstetrics and Gynaecology:**

- Malpractices in Obstetrics and Medical Negligence; 1 June, 2020
- Respectful Maternity Care in Covid/Non Covid Areas: Pregnant Women Deserve Quality Care in Any Situation:
  - Web Series- 1; 13 Feb 2021
  - Web Series- 2: 27 Feb 2021
  - Web Series- 3: 8 Mar 2021
  - Web Series- 4: 18 Mar 2021
  - Web Series- 5: 31 Mar 2021

#### **Pediatrics:**

- Basic Neonatal care & Neonatal Resuscitation training course; 13-14 Aug. 2020

#### **Physiology**

- International Webinar on Cardiovascular & VO2 Max Assessment: 9 Sep 2020

#### **Medical Education Unit:**

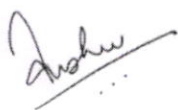
- Curriculum Implementation Support Programme (CISP) II Workshop : 28-29 Aug 2020
- Online Webinar on 'Enhancing Student Engagement in Online Learning', 7 Aug 2020

#### **AWARDS AND FELLOWSHIPS**

- Dr Prafulla S. Ambulkar, Centre for Genetics & Genomics, Department of Anatomy, MGIMS has bagged Prof. G. P. Talwar Young Scientist award for his outstanding contribution in the field of Reproductive Genetics & Molecular Biology on the occasion of virtual "International conference on challenge and strategies on Reproductive and Environmental Health with special Reference to COVID-19 Pandemic" & 31st Annual meeting of the "Indian Society for the Study of Reproduction & Fertility" (ISSRF-2021). He has won Gold plated medal, Citation and monetary prize.
- Dr Anshu received DBT Clinical Fellowship in Genetics Diagnostics, Genetics Laboratory, Maulana Azad Medical College and Loknayak Jayprakash Narayan Hospital, Delhi, 1 Mar 2020-31 Aug 2021.
- Dr PA Jategaonkar received "Excellence in Research in Surgical Gastroenterology" award by an ISO-certified Novel Research Academy, Puducherry, India on 15 Jan, 2021.
- Dr PA Jategaonkar received "Outstanding Researcher Award in Surgical Gastroenterology & Minimal Access Surgery—ISSN Golden Research Prize" by the International Society for Scientific Network, Tiruchirappali, Tamil Nadu, India on 24 Feb, 2021.

  
**DEAN**

- Dr Smita Jategaonkar has been awarded with the fellowship in Post Graduate Program in Pediatric Nutrition by Boston University in Sep 2020.
- Dr Deepashri Maraskolhe received Dr Ashok Pathak Junior Best Oral Paper Award for paper (Oral Presentation) on "Are tuberculosis patients at greater risk of acquiring COVID-19 MGIMS data and Review of literature" in the 2nd Annual Conference of Vidarbha Association of Medical Microbiology VAMMCON-2021 (online) held at Akola on 20 - 21 Feb, 2021.
- Dr Abhay Deshmukh received Institute of Scholars, InSc - 2020, "Academic Excellence/Best Teachers Award -2020" in recognition of valuable contribution to the academic community and the students from Institute of Scholars, Bangalore in Mar 2020.
- Dr Abhay Deshmukh received "Global Teaching Excellence Award (GTEA) 2020, Best Teacher of the year" in recognition of continuing excellence in teaching at GTEA Conference 2020 which took place virtually on 27 Dec,2020.
- Dr Abhay Deshmukh received "India Iconic Education Award - 2021" for superlative and exceptional achievements in the field of education. Awarded at India Education Award ceremony took place virtually on 14 Mar, 2021.
- Dr Pallavi Kalbande won 1st Prize in proffered oral paper presentation competition during 16th Annual Conference of association of oncologist of North East India on 19 Jan, 2021.
- Dr Pallavi Kalbande won 1st Prize in ICON Radiation oncology competition during 43rd Indian Cooperative Oncology Network Virtual Conference on 9 Oct 9, 2020.
- Dr Pallavi Kalbande won Silver Medal in oral paper presentation competition 8th CRAB-E-CON & DWITIYA TELEONCOTHON held from 2 – 4 Oct 2020.
- Dr. Rutuja Kolhe held first position in Child Health category, Oral paper presentation Father's engagement in responsive care giving and child development: a cohort study presented at 2nd IAPSM National Young Leaders' Conclave, MGIMS, Sevagram, 27 Mar, 2021.
- Ms Sneha Yadav & Mr Shreyak Garg, undergraduate students (2016 Batch) won MIT COVID-19 Innovation Challenge (India-Turning the Tide) Hackathon organized by Massachusetts Institute of Technology, U.S.A (Awarded \$500 USD)
- Ms Sneha Yadav, undergraduate student (2016 batch) won Metropolis Med Engage Scholarship-Wiz-Kid (For Excellence in field of Medical Science) awarded by Metropolis Healthcare Ltd. Mumbai (Awarded 75,000 /- INR)
- Ms Sneha Yadav, Ms Shambhavi Chaudhary & Ms Kshitija Palhade, undergraduate students (2015 & 2016 batch) were 1st Runner-up at Dr Inderjit Mitra Memorial Surgical Quiz-2020 (Association of Surgeons, Nagpur)
- Mr Ritwiz Mishra, undergraduate student (2018 batch) was selected amongst best 5 winners in Webmed Quest 2020, a first online national medical conference for undergraduates held on 15-18 May, 2020.
- Mrs Bharti Kamble, Staff Nurse at Kasturba Hospital and Ward In-charge for Corona Block Sevagram was bestowed with MS Signature award for her phenomenal leadership in establishing an excellent nursing care in the Corona Block of MGIMS, Sevagram by Ask and Get Business sol organization, Nagpur on 31 Oct, 2020.



Dr Anshu  
Coordinator IQAC



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