Department of Anatomy

- **Introduction**
  Anatomy Department is an important department in any medical institution. It teaches human anatomy which is a basic science subject for medical & paramedical students. It includes gross anatomy, histology, embryology and genetics. Which are the four basic sciences forming base for medical education. In addition, it provides facility of dead body embalming to common society. It is also running dead body donation awareness programme. It is also involved in medico legal cases reporting in various medico legal matters. There are three postgraduate seats and provided many postgraduate teachers all over the country. Department has genetic lab which provides facility of sex chromatin determination and genetic counseling.

- **Mission**
  1. To impart the knowledge and basic science in anatomy to first year MBBS, BDS, OT, PT, BPMT & BSc Nursing students so that the students should be able to deal with clinical and para-clinical subjects.
  2. To train the post graduate students imparting thorough knowledge in anatomy
  3. To prepare the good teachers in anatomy.
  4. To impart thorough knowledge in basic anatomy in preparing nursing and paramedical students.

- **Vision**
  1. Our vision is to provide more facilities in genetic lab like Karyotyping.
  2. Preparing new self-teaching specimens in the museum.
  3. Increasing research publications.

- **Functions & Objective**
  1. To teach anatomy subject to medical and paramedical and dental students.
  2. To provide facility of body embalming to common public.
  3. Reporting of medico legal cases in varies medico legal matters.
  4. To provide facility of sex chromatin determination and genetic counseling.
  5. To achieve high quality of research work in different disciplines of anatomy.
### Organization Structure & Chart

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Assignment</th>
<th>Name of the Teacher</th>
<th>Batch</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Over all Incharge</td>
<td>Dr. M. P. Fulpatil</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Histology Incharge</td>
<td>Dr. A. P. Kasote, Dr. A. M. Wahane</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Dissection Incharge</td>
<td>Dr. N. Y. Kamdi, Dr. K.P. Wankhede</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Gross Anatomy Lectures</td>
<td>Dr. M. P. Fulpatil, Dr. N. Y. Kamdi, Dr. K.P. Wankhede, Dr. S.P. Sonare</td>
<td>A, B</td>
</tr>
<tr>
<td>5</td>
<td>Histology Lectures</td>
<td>Dr. A. P. Kasote, Dr. A. M. Wahane, Dr. M. Y. Dofe</td>
<td>A, B</td>
</tr>
<tr>
<td>6</td>
<td>Embryology Lectures</td>
<td>Dr. K. S. Nemade, Dr. T. D. Golghate, Dr. S. V. Tambe</td>
<td>A, B</td>
</tr>
<tr>
<td>7</td>
<td>Batch Teachers for Demonstration</td>
<td>Dr. H. V. Ambade, Dr. A.B. Kaore, Dr. B. P. Thakre, Dr. I. Jaiswal</td>
<td>A1, A2, B-1, B-2</td>
</tr>
<tr>
<td></td>
<td>Batch teacher will also keep the students record regarding Attendance, Examinations and Internal assessment.</td>
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<tr>
<td>8</td>
<td>Histology Practical</td>
<td>Dr. Kasote, Dr. Wahane, Dr. Golghate, Dr. Dofe, &amp; respective Batch Teacher</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Dissection Classes</td>
<td>Dr. Fulpatil, Dr. Kamdi, Dr. Nemade, Dr. Wankhede, Dr. Tambe, Dr. Sonare &amp; respective Batch Teacher</td>
<td></td>
</tr>
<tr>
<td>Sr. No.</td>
<td>Section</td>
<td>Incharge</td>
<td>Asst. Incharge &amp; Assistant</td>
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</tr>
<tr>
<td>1</td>
<td>Over all Incharge</td>
<td>Dr. M. P. Fulpatil</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>Academic &amp; Research</td>
<td>Dr. Kasote</td>
<td>PG : - Dr. Kamdi / Dr. Kaore MBBS: - Dr. Wahane / Dr. Ambade BDS : - Dr. Golghate / Dr. Tambe OT / PT : - Dr. Nemade / Dr. Sonare BPMT : - Dr. Wankhede / Dr. Thakre Nursing I : - Dr. Dofe / Dr. Rathod Nursing II : - Dr. Tambe / Dr. Shembekar</td>
</tr>
<tr>
<td>3</td>
<td>Dissection Hall. Embalming Process &amp; preservation of dead bodies</td>
<td>Dr. Kamdi</td>
<td>Dr. Wankhede Dr. Sonare Dr. Kaore Dr. Thakare</td>
</tr>
<tr>
<td>4</td>
<td>Histology Lab.</td>
<td>Dr. Wahane</td>
<td>Dr. Nemade Dr. Dofe Dr. Isha</td>
</tr>
<tr>
<td>5</td>
<td>Genetic Lab.</td>
<td>Dr. Kasote</td>
<td>Dr. Tambe</td>
</tr>
<tr>
<td>6</td>
<td>Medico legal Cases</td>
<td>Dr. Kasote</td>
<td>Dr. Wahane</td>
</tr>
<tr>
<td>7</td>
<td>Department store, purchase &amp; Condemnation</td>
<td>Dr. Kamdi</td>
<td>Dr. Kaore – Chemical Dr. Sonare – Equipment Dr. Thakre - Furniture</td>
</tr>
<tr>
<td>8</td>
<td>Departmental Museum Lecture Hall Demo Rooms</td>
<td>Dr. Golgahate</td>
<td>Dr. Tambe</td>
</tr>
<tr>
<td>9</td>
<td>Departmental Library</td>
<td>Dr. Ambade</td>
<td>Dr. Isha Jaiswal</td>
</tr>
</tbody>
</table>

- **Awards & Achievements (if any)**
  
  We organize intercollegiate anatomy quiz in the name of Dr. T. L. Patil Memorial Anatomy Quiz since 2013. Our department is the winner for the year 2013 and 2015.
DEPARTMENT OF PHYSIOLOGY

**INTRODUCTION:-**

Human Physiology is one of the core subjects in basic Medical Sciences. Physiology Department was established with the inception of Government Medical College, Nagpur in 1947. Dr Narendra Singh was First Head of the Department. Currently the Department is headed by Dr.(Mrs). N.V. Mishra, since 2012.

The Department provides world class Medical Education not only to M.B.B.S. students but also to various other streams of Medical Sciences. With commencement of Post-graduate course i.e. M.D Physiology in the Department in 1952 (MCI Recognized), hundreds of Physiologist passed out from the department till date and are spread all over the world working as renowned Medical Teachers and efficient Researchers.

The Department has fully equipped modern Hematology, Clinical, Amphibian and Mammalian laboratories along with Post-graduate Research laboratory. The Physiology Department also serves the patients by running pulmonary function Testing and Semen Analysis laboratories.

**MISSION:-**

We are department of highly trained and motivated individuals with integrity and social consciousness, committed to Medical Education and improvement of knowledge in physiology through excellence in education and research along with application towards betterment of optimal care of society.

**VISION:-**

To make the department Centre of Academic excellence through appropriate, innovative and need based patterns of Teaching and Learning which are students centered, problem based and community oriented, so as to set high parameters of quality of higher education and research of global standards with specific focus on rural population.

To continuously develop efficient faculty and students by enhancing learning, developing and using newer Medical Education Technologies. To Create & maintain linkages in institutional departments and local institutions to share information and technology and collaborate in researches.
FUNCTIONS AND OBJECTIVES:-

- Teaching Human Physiology and giving practical exposure to undergraduate students of Medical, Dental, Occupational, Physiotherapy, Nursing and B.P.M.T. students.
- To carry out post-graduate teaching, Journal club, seminars and tutorials.
- To carry out various Research projects.
- To conduct Pulmonary Function Testing of patients referred from Hospital O.P.D and wards.
- To perform Semen Analysis of referred patients from various other departments.
- To provide hands on training of Semen analysis to resident doctors of other departments.
- To assess undergraduate students in the form of Theory and Practical examination as per University norms.
- To organize C.M.E’s and conference on relevant topics.
- To organize Vidarbha Level Physiology Quiz for Undergraduate students.
- To establish Neurophysiology and electrophysiology (NCV, EMG, EEG, Evoked Potentials) Diagnostic Laboratory
- To create higher standards of intellectual abilities.
- To ensure state of the art facilities for education and training in the subject of Physiology.
- To become Centre of excellence for Research and Development and for sharing knowledge and its application.
- To do all other such other acts and things as may be necessary or desirable to further objectives of the department and the Institute.
- To strive for creation of new knowledge, its preservation and dissemination.
- To undertake extension programme and activities like Yoga training for Medical Students, faculty members and for community as a part of Ayush so
as to create the awareness about benefits of Yogic practices to bring change in life style for personality development, alleviation of stress and prevention of diseases through scientific studies.

ORGANIZATION STRUCTURE:-

PROFESSOR AND HEAD

➢ TEACHING STAFF
  ▪ Professor (1)
  ▪ Associate Professor (6)
  ▪ Assistant Professor (8)
  ▪ Resident Doctors (4)

➢ NON-TEACHING STAFF
  ▪ Clerk (1)
  ▪ Steno (1)
  ▪ Lab. Technician (2)
  ▪ Lab. Attendant (3)
  ▪ Farras (1)
  ▪ Sweeper (2)

AWARDS AND ACHIEVEMENTS:-

1) The department is continuously involved in research on ‘Yoga & Health’.

2) Total 65 Research papers have been published in various National and International Medical Journals in last four years.

3) Dr. Neelam Mishra, Professor and head department of physiology was honored with best poster presentation award in FIME (3rd batch) at DMIMS, Sawangi Wardha in 2016.

4) Dr. Reena Ruprai, assistant Professor from department has published book ‘Physiology for Paramedical students’

5) Dr. Ashwini Rathod, P.G. Student in Department of Physiology, G.M.C., Nagpur was University Topper in 2015 M.D. Examination.

6) First Year M.B.B.S. Students won Second Prize in Vidarbha level Physiology Quiz.

7) Dr. M.T. Jiwtode, Associate Professor, Department of Physiology, GM.C. Nagpur was honored with best Teacher Award for the Academic year 2014-15.

8) The Department successfully organized C.M.E. on Metabolic Syndrome in March, 2015.
Department of Biochemistry

Introduction-
Department of Biochemistry

Mission
Teaching UG students of MBBS BDS, OTPT, Nursing, BPMT.
PG students of MD Biochemistry and PG DMLT
Laboratory investigation
General Routine Biochemical and Special investigation including Hormones, Markers, and Organ specific Enzyme

Vision
Preparing medical students of various stream [UG/PG] for better patient care and good medical skills

Functions and Objective
Role in Hospital clinical biochemistry and CCL for general patients care.
Role in clinical laboratory for preparing good quality skills and providing recent updated knowledge to UG/PG students of various medical streams.

Organization & Structure
Well-equipped UG / PG laboratory with sufficient medical faculty for Research.

Latest equipment - 1. Chemiluminescence Siemens ADVIA CENTAUR 2. Beckman Coulter AU 5200 for specialized & routine biochemical investigation for patient care including Hormones, Markers, and Organ specific Enzyme
Department of Microbiology

Introduction

Initially Microbiology was a part of Department of Pathology. Microbiology was separated and became independent department. It caters the microbiological investigational need of Govt. Medical College & Hospital, Nagpur. It performs different types of investigations in sections of bacteriology, serology, virology, parasitology, mycology, mycobacteriology, and immunology & hospital infection control. Its teaching programme includes various medical & paramedical courses like MD (Microbiology), MBBS, Dental, BPMT, DMLT, Nursing, Occupational therapy, Physiotherapy etc.

Its MD (Microbiology) degree is started in 1977 with 2 seats. It is MCI recognized. The intake capacity of MD seats increased from two to four in 2013.

Mission

A. Teaching

To improve the infrastructure and other facilities to deliver the quality medical education.

B. Diagnostic Laboratory

To procure all the sophisticated molecular and other instruments for better and prompt patient care along with needed infrastructure.

C. Research

To develop a well-equipped research laboratory for updating the subject knowledge, skill improvised patient care & post graduate teaching.

D. Manpower

To procure well-trained and efficient staff in required number for quality and prompt patient service.

Vision

To achieve excellence in medical education, state of art diagnostic and research laboratory for providing utmost quality in medical education and patient care.
Functions and objectives

Department of microbiology has following sub-departments:

A. Bacteriology
B. Mycobacteriology
C. Serology
D. Immunology
E. Mycology
F. Parasitology
G. Virology
H. Central clinical laboratory
I. Hospital infection control

Objective of microbiology department is to help the clinician to identify the aetiological agent for better treatment of patient and for epidemiological purpose.

Functions of different sub-departments are –

A. Bacteriology
   Culture, identification and antibiotic sensitivity testing of bacterial pathogens isolated from different clinical specimens.

B. Mycobacteriology
   To diagnose mycobacterial infections

C. Serology
   To diagnose and confirm various infectious diseases and know their epidemiology.

D. Immunology
   To diagnose various diseases.

E. Mycology
   To confirm various mycotic infections.
F. **Parasitology**

To diagnose different parasitological infections.

G. **Virology**

To diagnose viral infections and to monitor the effect of HIV treatment.

H. **Central Clinical laboratory**

To provide rapid, round the clock investigation facility to OPD and ward patients.

I. **Hospital Infection Control**

To provide infection diagnostic facility to Govt. Medical College of Nagpur along with hospitals of adjoining districts.

**Organograms**

- Dean
- Professor and Head
- Professor
  - Associate Professor (8)
  - Lecturer (9)
  - Senior Resident (2)
- Clerk (1)
- Technician (10)
- Asst. Technician (3)
- Animal House Technician (1)
- Attendant (7)
- Peon (1)
- Sweeper (4)

**Awards & Achievement**

1. Conferences organized
   
   
   b. Maharashtra chapter conference of Indian association of Medical Microbiologists – 2001
c. National congress of Indian association of Medical Microbiologists
MICROCON – 2006

d. National conference of Indian Association of Tropical Parasitology –
TROPACON 2011

2. Undergoing project:

a. Multicentric Hospital based surveillance of acute encephalitis syndrome (AES) for viral actiology among children in selected districts of Maharashtra & Andha Pradesh. in collaboration with NIV, Pune and ICMR, Delhi

3. Reported World’s first ever case of Human trypanosomiasis (Sleeping sickness) caused by *T. cruzei* – 2005

4. State reference laboratory – NABL accredited

5. Regional sexually transmitted disease training reference and research laboratory.

6. Referral laboratory for integrated disease surveillance programme.

**Achievements of HDL (ICTC I/II/SRL/CD4)**

1. Awarded as a best performing ICTC/PPTCT in Maharashtra on the occasion of World AIDS day on 1/12/2006 at Nashik by deputy chief minister and state health minister, Govt. of Maharashtra and felicitated by cash award of Rs.10,000/-


3. Certificate of participation in HIV serology EQAS Round 1 & 2 by National AIDS Research

4. Receive certificate of Accreditation from National Accreditation board for testing and calibration laboratories as per ISO-15189-2012 for microbiology and serology (HIV serology and CD4 enumeration) in 9/11/15.
DEPARTMENT OF PATHOLOGY

Introduction

Department of Pathology is para clinical department and runs two parallel OPD, One is clinical pathology OPD and another is Cytology OPD. Pathology department have various laboratories like Haematology, Cytology, Histopathology, Immunology and PCR laboratory.

Mission

The mission of the Department of Pathology is to

1) Provide the highest quality most effective support for the inpatient and outpatient clinical services. This support will be enhanced through centralization and consolidation of specialized laboratory services, which will provide evaluation and diagnosis in a timely and efficient fashion.
2) Support and lead programmatic research programs and key initiatives.
3) Provide necessary core laboratory support to the scientific efforts at Govt. Medical College, Nagpur.
4) Expand the outreach of the department through its reference laboratory by providing a full and comprehensive range of services.
5) Provide the highest quality education, training and research experience for medical students, graduate students, residents, and fellows.
6) Create and support educational programs for pathologists and clinicians regionally, nationally, and internationally. This will increase the visibility and promote awareness of the expertise in the department, as well as other clinical programs.
7) Fulfill the core mission at the Govt. Medical College, Nagpur of providing excellence in service, research and education in partnership with the clinical and scientific programs..

Vision

Vision for the Department of Pathology is to be recognized for excellence in clinical service, research and education through partnership with the clinical and scientific programs at the Govt. Medical College, Nagpur. The department will support strategic programmatic development, and will be a focal point for clinical support, research support and leadership, and educational activities. The department will be a destination for the best trainees and faculty. The Department of Pathology will reflect the success and high standards of the Maharashtra University of Health Sciences, Nashik as a
whole, and will be recognized in the region, nationally and worldwide as a leading resource for excellence in diagnosis and laboratory evaluation, based on a foundation of research and education.

**Functions & Objectives**

**Specialty clinics and services**

Department of Pathology is a para-clinical department and runs two parallel OPD, One is clinical pathology OPD and another is Cytology OPD. In Clinical OPD Screening of Sickle Cell disease is done. Daily patient’s attendance is average 200-250. It performs 108110 average investigations annually.

Pathology department also provided emergency service after 5 p.m.(Central Clinical laboratory).

Department of Pathology also runs "A" type blood bank which gives 24 hours services and had Blood Component Separation Laboratory.

Pathology department have various laboratories like Haematology, Cytology, Histopathology, Immunology and PCR laboratory. These laboratories are fully equipped. All these laboratories act as reference laboratories for Vidarbha region and adjacent areas. This laboratory also participates in the External Haematology Quality Assurance programme based on guidelines issued by International Haematology quality Assurance Scheme and W.H.O.

Cytology laboratory is accredited by Indian Academy of Cytology for both diagnostic services and teaching and training to cytotechnicians and cytotechnologists. It performs 11726 average investigations annually. This laboratory also participate in External Quality Assurance Programme of the Indian Academy of Cytologists ( National body)

Hematology laboratory perform various investigations and specialized in Immunophenotyping (Flowcytometer) Coagulation studies and Sickle Cell Test. It performs 51889 average investigations annually. HPLC equipment is installed for screening of all abnormal hemoglobins in neonates and adults.

Histopathology section performs 20399 average investigations annually. Immunohistochemistry is also done.
Organization Structure & Chart

<table>
<thead>
<tr>
<th>Position</th>
<th>Number</th>
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<tbody>
<tr>
<td>Professor &amp; Head</td>
<td>01</td>
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<tr>
<td>Professor</td>
<td>01</td>
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<tr>
<td>Associate Professor</td>
<td>10</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>13</td>
</tr>
<tr>
<td>Laboratory Technicians</td>
<td>11</td>
</tr>
<tr>
<td>Steno</td>
<td>01</td>
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<tr>
<td>Clerk</td>
<td>01</td>
</tr>
<tr>
<td>Class-IV Staff</td>
<td>20</td>
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</tbody>
</table>

Awards & Achievements (If any):

1) Mapcon slides seminar for best diagnosis since last 5 years
2) Best paper and poster awards in conferences at state and national level for Pathology Residents.
3) Winner team for Undergraduate and Postgraduate with pathology quiz at state level and regional level
4) Conduct workshops in cytology (breast cancer, Cervical biopsy interpretation) at Regular intervals
5) Staff is invited as a faculty for various National and state level workshops / conferences/ CME
6) Publication in various National and international journals by faculty members
Department of Pharmacology

Introduction

With the inauguration of government medical college, Nagpur in 1947 the department of pharmacology was established. Dr N K Sinha was 1st Head of Department. Till then total 17 professors guided the department as a Head & at present Dr V M Motghare is the Head of Department since 2014. The department is situated on the second floor of college building which include the offices of main department, institutional ethics committee, pharmacovigilance committee, drug store and the undergraduate teaching section which include museum, library and laboratories for experimental pharmacology, pharmacy & clinical pharmacology. The department has instituted innovation in teaching like introduction of computer added teaching methods, p drug concept and case based discussion etc. along with age old experimental pharmacology. Various research activities are also going on in the department.

Mission

The mission of the department of pharmacology at GMC Nagpur are

1) To educate the undergraduate medical, dental and paramedical students as well as postgraduate medical students to apply basic principles of pharmacology and therapeutics in clinical practice.
2) To facilitated basic and applied research that significantly advances current pharmacological knowledge.
3) To provide academic services and patient care facilities.
4) To supply required essential and vital drugs as per patients need.

Vision

The vision of the pharmacology is to be recognised as a distinguished unit in the field of pharmacology and therapeutics in India and abroad by providing excellent teaching & training for medical, dental and paramedical student.

Objectives& Functions

1) For undergraduate teaching –
   a. According to curriculum by MUHS, Nashik, at the end of second year, student should have knowledge regarding various aspects of pharmacology like rational use of medicine, essential drug concept, p drug
concept, pharmacovigilance, ethics and modalities involved in prescribing drugs and basic information about all commonly use drug.

b. The student should be able to prescribe drugs for common diseases and should tackle adverse reaction and interaction of commonly used drugs.

2) For postgraduate teaching –
   a. According to curriculum by MUHS, Nashi, as a pharmacologist, student should be able to conduct experimental and clinical studies and analyse data related to the drug from laboratory and clinical research with adherence to scientific methodology and Good laboratory practice/Good clinical practice (GLP/GCP) guideline.
   b. Be competent to teach and train undergraduate and future postgraduate medical students.
   c. Should be able to do prescription audit and causality assessment of drug related adverse events as a part of pharmacovigilance programme.
   d. Should be competent to handle day to day management of drug store.
   e. Should be aware of legal, ethical aspects and regulatory procedure needed to be carried out prior to the marketing of the new drug.

Organization and structure:

1) Professor – 2
2) Associate Professor – 5
3) Assistant Professor – 7
4) Tutor – Nil
5) Postgraduate students – 12

Awards and achievements (2013 – 2016)

1. There are total 68 research publications in various national and International indexed journals from department in last 3 years.
2. In last 3 years, 5 workshops on ‘GCP & ethics in biomedical research ‘had been conducted by Institutional Ethics Committee, Dept of Pharmacology.
3. Department had conducted two workshop on ‘Basic Biostatistics in medical research’ in last 3 years.
4. Department had completed two projects sponsored by ICMR entitled ‘Effect of power posing on basic cardiovascular parameters in healthy volunteers: a short term pilot study’ which was presented at MEDICON 2016 10th International undergraduate medical student research conference of informer hosted by Era’s Lucknow medical college and hospital Lucknow on 15th july 2016 under the guidance of Dr A V Turankar and ‘Medication prescribing pattern in paediatric diarrhoea with focus on zinc supplements’ under the guidance of Dr Sontakke.
5. Department has established Therapeutic drug monitoring (TDM) unit with establishment of LCMS/MS instrument.
Department of Forensic Medicine & Toxicology

- **Introduction**
  Forensic Medicine department at GMC, Nagpur has to cater bulk of medico-legal work including postmortem and ante-mortem work. The cases of medico-legal work of two third of Nagpur jurisdiction area are brought to our department. The department has to provide medico-legal opinions in cases referred from adjoining districts of Maharashtra, Madhya-Pradesh and Chhattisgarh. Department of Forensic Medicine, Government Medical College is also involved in undergraduate teaching of second MBBS students and also postgraduate teaching.

- **Mission**
  To improve the quality of the medico-legal services and in this endeavor be an useful aid to the judiciary in prosecution cases to decide on useful medical evidences.

- **Vision**
  The mission can be achieved through continuous efforts on part of our faculties through teaching and training. The importance of medico-legal work should be inculcated to the students at the second MBBS level and practical exposure to be given at the time of internship so that our students should be equipped with basic medico-legal knowledge irrespective of the stream they opt for. We also aim to start the medico-legal training programmes for police personal and medical officers working in periphery to achieve our mission successfully.

- **Functions and objectives**
  1. Our department is functioning the medico-legal work by means of software programme which is one of its kind and unique in the state of Maharashtra.
  2. Our department is catering medico-legal services to bulk of the police stations in about two third of Nagpur jurisdiction including urban and rural along with adjoining districts of Madhya-Pradesh and Chhattisgarh.
  3. Our department is involved in medico-legal work especially related to National Human Rights Commission guidelines to all neighboring six districts like Gondia, Bhandara, Wardha, Chandrapur, Amravati and Akola as this is the only recognized centre for such medico-legal work.
  4. Our basic objective is to inculcate the students at the second MBBS level and practical exposure to be given at the time of internship so that our
students should be equipped with basic medico-legal knowledge irrespective of the stream they opt for.

- **Organization and Structure**
  - Professor and Head
  - Associate Professor
  - Assistant Professor
  - Residents
Department of Preventive and Social Medicine

**Introduction**

The department of Preventive and social medicine was started since inception of Government medical college, Nagpur. Each year department of preventive and social medicine trains 200-800 undergraduate (UG) students and seven postgraduate (PG) students. Along with UG and PG teaching department is also involved in patient care through rural health training centre (RHTC), urban health training centre (UHTC), anti-rabies vaccine (ARV) clinics, immunization clinics, sex and marriage counselling centre, training of medical teachers for research methodology, teaching technology and planning, implementation and evaluation of many national programs.

**Mission**

Producing competent and multi skilled public health doctors for need of society.

**Vision**

Becoming centre of excellence in the field of teaching, practice and research in public health

**Function**

- Undergraduate and postgraduate teaching
- Patient care through at RHTC, Saoner, UHTC, Ramnamaroti nagar, ARV clinics, Sex and marriage counselling centre, immunization clinics, Nutrition clinics.
- Major activities of institution like management of out reach activities and organization of camps
- Internship orientation program
- Family care program
- School Health Camp
- ICMR: Human Reproduction Research Centre (HRRC)
- National Training of DSOs, Epidemiologist –FETP
- National Training of DSOs, Epidemiologist –TOT
• Training, monitoring and evaluation of various national programs
• Nodal office for health camps in tribal districts
• Training, monitoring and reporting unit of swine flu
• State level training of STI/RTI
• Sentinel surveillance of HIV infection
• Nodal office for HMIS reporting
• Regional level epidemic/outbreak investigation
• Training activity
  ➢ Research Methodology workshop
  ➢ Teaching technology
  ➢ Awareness Programme/ Various day celebrations
  ➢ Organizing CME for updating students, teachers

Organization structure
• One professor and head,
• one additional professor,
• Associate professor-08 (RHTC
• Assistant professor-06
• One epidemiologist-cum-assistant professor -01
• Statistician cum lecture – 01
• Statistician- 01
• Supporting non teaching staff in department, RHTC, UHTC and all service clinics

Awards & Achievements
• Organization national conference of IAPSM 2013
• Organization national conference of IAPHA 2005
• ICMR: Human Reproduction Research Centre (HRRC)
Occupational Therapy School and Centre

Introduction about Department/Sub department

Occupational Therapy School And Centre at GMCH was established in 1958 by the Maharashtra Government. In 1960 diploma course in Occupational Therapy affiliated to Nagpur University was started. Gradually the diploma course evolved into a degree course from two and half years to four and half years. In 1998 with the starting of Maharashtra University of Health Sciences, the course came under the MUHS, Nashik. Three years Postgraduate course, M.O.Th was started in 2007, with specializations in Musculoskeletal Sciences, Neurosciences, and Developmental Disabilities. Presently two specialties are available namely Musculoskeletal Sciences and Neurosciences.

The department is divide into following units:

a) Musculoskeletal (Orthopedics)/Surgery
b) Neurosciences/ Medicine
c) Mental Health
d) Hand Therapy
e) Pediatrics

Mission

To prepare reflective, creative, skilled and ethical Occupational Therapists who can provide services to diverse urban/ rural populations utilizing evidence based education, fieldwork, community experiences and research. Fostering collaboration in scholarships and services that extend beyond campus to include local/rural and global communities. Is committed to the development of outstanding, ethical practitioners, leaders, scholars, and researchers in the field of occupational therapy and rehabilitation who are prepared to respond to society’s ever-changing needs.
VISION:

Facilitate the best possible environment for learning, and developing research abilities through knowledge and practice, towards building a competent professional as an Occupational Therapist who will deliver skilled services to every client in all health care, psycho-social settings, promote and maintain health and function of the client in his environment at an optimal capacity.

Provide appropriate experience to students and build proficiency in applications of specialized skills to prevent, alleviate and intervene disability due to dysfunction.

Functions And Objectives:

Functions:

1) Teaching and clinical training of students enrolled for undergraduate and postgraduate courses.
2) Running OPD in various units of Occupational therapy department.
   a) Objective assessments, a conclusive diagnosis of functional limitations and intervention of function, to alleviate, control and treat dysfunction due to illness, accident and injury.
   
   b) To optimize functional recovery in patients to effectively integrate them into society.
3) Providing Fitness/Unfit certificate to medical board patients

Main objectives

1) To facilitate healing, relieve pain, prevent functional decline in acute and chronic illness, and improve functional abilities to promote health and wellbeing.

2) To optimize functional recovery in patients to effectively integrate them into society.
3) To ensure meaningful participation of clients in their contextual living by preventing disability, enhancing accessibility, accommodation and adaptation in client environment.

The practice of Occupational therapy is guided by objective assessments, a conclusive diagnosis of functional limitations and intervention of function, to alleviate, control and treat dysfunction due to illness, accident, injury and developmental problems. The goal of therapy being, functional independence for productive living.

- To enhance skills of qualified Occupational Therapists in meeting functional independence demands of clients with Neuro-musculo-skeletal disorders, Mental illness, Paediatrics in the paradigm of comprehensive care rehabilitation module & extend the same to community at large.
- To offer skills in training caregivers & significant others in home & community for maintenance of outcome effects.
- To prepare Occupational Therapists to meet challenges in the field of research for future.
Physiotherapy School & Center

Introduction:
Contact No. : Landline: 0712-2701685 Extn. No. 223
Fax No.: 2744489
Location: Govt. Medical College, Medical Square, Hanuman Nagar, Nagpur.

History:

Previous Heads-
- Dr. B. L. Golhar (1960 to 1988)
- Dr. P. N. Nandurkar (1988 to 1991)
- Dr. K. K. Surkar (1991 to 1993)
- Dr. G. J. Ramteke (1994 to 2003)
- Dr. N. K Deshpande (2003-2011)

Present Head- Dr. U.S. Damke (2011 till date)

Important Milestones-
- Start of diploma in physiotherapy in 1963-64, under Nagpur University (2 yrs 4 months duration)
- In 1980-81, the duration of physiotherapy was increased under Nagpur University to 3 yrs and 6 months
- Start of M.Ph.T. (by research) in 1982-83, under Nagpur University (2 yrs)
- In 1984-85, under Nagpur University the duration of physiotherapy was increased to 3.5 yrs and 6 months
- In 1993-94, duration of physiotherapy under Nagpur University (4 yrs and 6 months)
- In 1998-99, under MUHS Nashik (4 yrs and 6 months)
- M.P.Th. in 2007-08 under MUHS, Nashik (3 yrs)

I) Courses Offered with Intake Capacity

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of Course</th>
<th>Intake Capacity</th>
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<tbody>
<tr>
<td>1</td>
<td>B.P.Th</td>
<td>30</td>
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</table>
MISSION

1. To provide the most advanced physiotherapy services in the field of sports, orthopaedics, cardio pulmonary, neuro, gynaecology, geriatrics and paediatrics.
2. To provide excellent pre and post-operative rehabilitative care to all the various surgical speciality patients.
3. To serve and enrich the quality of life of patients suffering from diseases through the efficient deployments of our skills.
4. Continuously educating the community about the prevention of occupation related disorders.
5. To achieve and maintain excellence in education, research and health care for the benefit of humanity.
6. To create awareness regarding ergonomics and need for physical fitness in the community.
7. To provide quality education to U.G and P.G physiotherapy students.

VISION

1. To increase the U.G. seats from 30 to 30+ with increase in the number of teaching post
2. To increase the number of P.G. seats to 10 and more with increase in the number of specialities and teaching post.
3. To develop a sports physiotherapy unit with advanced physiotherapeutic equipments.
4. To establish well developed cardiac and pulmonary centres for post operative cardiac and pulmonary patients
5. To establish geriatric physiotherapeutic centre with latest equipments
6. Establishment of a separate physiotherapy college building with well equipped classrooms, seminar rooms, laboratories, library
7. Establishment of auditorium and well equipped hostel for physiotherapy students
8. To improve the quality of research and publications by staff and students.

FUNCTIONS & OBJECTIVES:
1. Catering to the ICU of GMCH, Superspeciality and trauma.
2. Providing indoor and outdoor physiotherapy services to orthopaedics, gynaecology, pulmonary, cardiac, neuro, surgery.
3. Teaching the UG and PG Students of physiotherapy.
4. Guiding the B.Pth and M.Pth students for research work.
5. Holding camps for the propagation of physiotherapy amongst masses and improving the quality of life of patients.
6. Holding seminars and workshops for enhancing the educational skills

ORGANIZATIONAL STRUCTURE CHART

- Superintendent of Physiotherapy
  - Assistant Superintendent
  - Lecturer
  - Physiotherapist

AWARDS AND ACHIEVEMENTS:
1. Conducted a physiotherapy camp for leprosy affected patients in Anandwan.
2. Three university toppers in final yr B.pth in 2014
   - Tejal Rajandekar
   - Visalakshi Subramaniam
   - Mrunmayee Ghate
Department Details (LIBRARY)

Introduction

Library is two stored building having area of 4000 sq ft. First floor has separate halls for undergraduate and post graduate students. Reading room is open for 24 hours. Library has 38726 books and 16000 bound journals. Every year around 112 journals are purchased. 2700 thesis are available in library. Books issue and receive time is 10 Am to 10 PM.

Mission

1. Library is open access system and has around 38706 books. So students themselves can refer books in shelves. Use of books increase in this system of open access.

2. Every year new books, journals and thesis are added to keep students updated and help in research work.

3. Internet facilities is available in library with 16 computers and high speed internet. It assists students in searching references for research work.

4. To make Library available for 24 hours to students.

Vision

To make available latest e-books and e-journals. To make available 50 computers so that students can use them for searching information and data. Also we hope to make consortia network with other colleges to share their data and share information.

Functions and objectives

1. To add new books and Journals so that latest information is made available to students so that they can update their knowledge.

2. To make available index of books available in library and also make available online open access.

3. To provide fast and reliable internet access to students.
4 To make available reading hall 24 hrs

5 To give facility of issue and receive books between 10 AM to 10 PM

Organization structure:-

- Dean
- Library Department
  - Librarians
  - Asst. Librarian
  - Other Staff

Department wise staff details

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of Staff/ officer</th>
<th>Designation</th>
<th>Location/ Office address</th>
<th>Contact Details</th>
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<tbody>
<tr>
<td>1</td>
<td>Shri. V. N. Padeer</td>
<td>Librarian</td>
<td>College Campus Adjacent to Administrative building (Dean Office)</td>
<td>9422812237 0712-2701452</td>
</tr>
<tr>
<td>2</td>
<td>Smt. Priya Godghate</td>
<td>Asst. Librarian</td>
<td></td>
<td>9146923488</td>
</tr>
<tr>
<td>3</td>
<td>Shri. M. S. Avadhani</td>
<td>Computer Operator-Senior</td>
<td></td>
<td>9225214085</td>
</tr>
<tr>
<td>4</td>
<td>Shri. M.M.Humne</td>
<td>Senior clerk</td>
<td></td>
<td>9096119016</td>
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<tr>
<td>5</td>
<td>Shri. A.S. Naik</td>
<td>Senior clerk</td>
<td></td>
<td>7875886888</td>
</tr>
<tr>
<td>6</td>
<td>Shri Vasant Joshi</td>
<td>Junior clerk</td>
<td></td>
<td>9860092231</td>
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