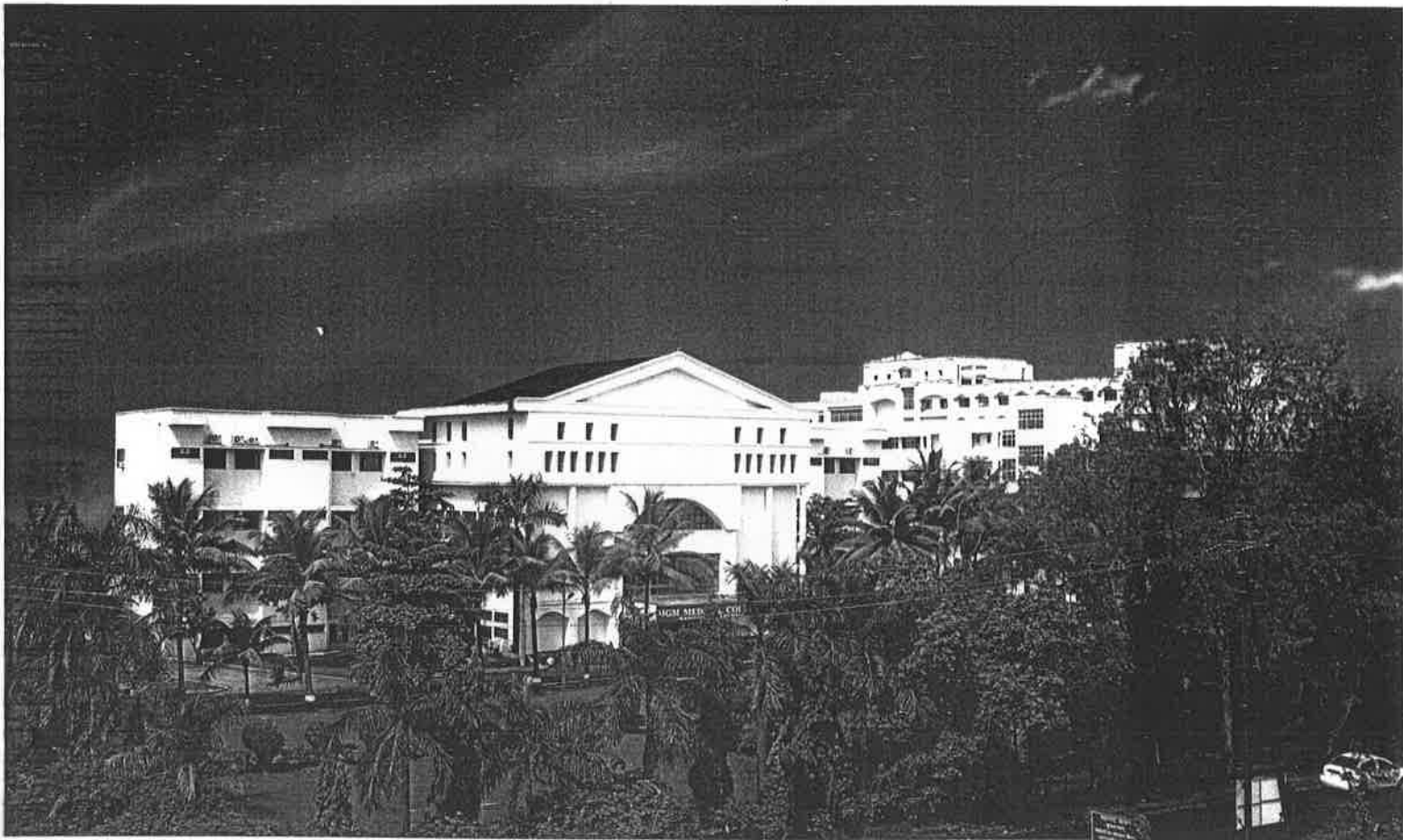


Curriculum for Diploma Child Health



IN PURSUIT OF EXCELLENCE



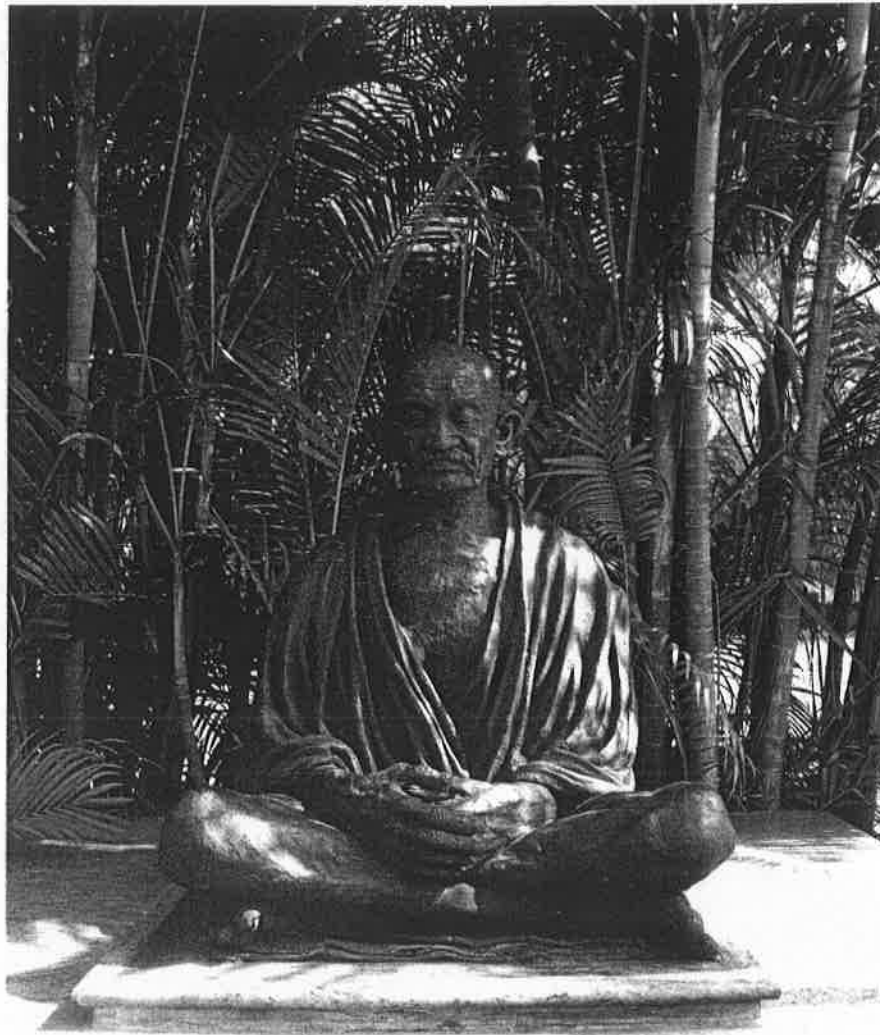
MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University Established u/s 3 of UGC Act, 1956)

Navi Mumbai - 410 209


www.mgmuhs.com

INSPIRING MINDS



Mission

To improve quality of the life for individuals and community by promoting health, preventing and curing disease, advancing biomedical and clinical research and educating tomorrow's Physicians and Scientists.

Vision

By 2020 the MGM University of Health Sciences will rank one of the top private Medical Institution. This will be achieved through ground breaking **discoveries in basic sciences and clinical research** targeted to prevent and relieve human suffering, **excellence in Medical Education** of the next generation of academic clinicians and intrinsic scientists.

MGM University of Health Sciences will transform the **Education of tomorrow's Physicians and Scientists** conducting **Medical Research** to advance health and improving lives by providing world-class patient care.

Many see the 21st Century as the golden age of biomedical research. The MGM University of Health Sciences will position for leadership at the horizon of this new era to promote and stabilise stand human health with a standard of excellence.

C
—
It is
cor
Ga
He
to a
anc
exc
The
was
vide
U.3
Uni
effc
pro
tecl
Mal
ma
Sci
Nav
anc
the
stal
inst
furl
stria
to s
thes
jour
I re
and
Tru:
coll
Aur
Botl
into
und
cou
care
are:
in th
pati

Chancellor's Message



It is my pleasure to welcome you to join constituent colleges of Mahatma Gandhi Mission's (MGM) University of Health Sciences, Navi Mumbai. I wish to avail this opportunity to apprise you and your parents about the academic excellence of the deemed university.

The MGM University of Health Sciences was established u/s 3 of UGC Act, 1956 vide HRD Notification No.F.9-21/2005-U.3(A) dated 30-8-2006. The MGM University is an outcome of untiring efforts of our educationists, professionals, social activists, technocrat, students and parents. The Mahatma Gandhi Mission Trust that manages the University of Health Sciences and over 40 institutions in Navi Mumbai, Aurangabad, Nanded, and Noida has the vision to empower the masses with the availability of state-of-the-art education. Most of our institutions have ISO certifications that further endorse our commitment to stringent quality standards. I am proud to state that we have succeeded in these accomplishments during our journey of the past 25 years.

I recollect the memories of struggle and determination when the MGM Trust established its two medical colleges, one each at Navi Mumbai and Aurangabad some twenty years ago. Both the medical colleges have grown into institutions imparting both undergraduate and postgraduate courses, and delivering quality health care to communities in their respective areas. While both colleges are engaged in their primary functions of teaching, patient care and research, they have

also excelled in their pursuit for advancement of science and in taking health services to communities through extension programmes. A shining example is the establishment of the Department of Infectious Diseases in 1993 in collaboration with the University of Texas-Houston, USA. This department has established the state-of-the-art clinical services and laboratories for research and care of infectious diseases and received the acclaim of Director General of ICMR when he stated "MGM is the first medical college in India to establish a separate department of infectious diseases. This is the need of the hour." The department has undertaken path-breaking research and shaped the course of our national control programmes on HIV/AIDS and tuberculosis. The original research of the constituent colleges has been acclaimed among the scientific world globally.

In an era of economic liberalization and the competition among varsities, both in and out of India, the task of grooming professionals who will compete with the best in the world, is tough. To aid our efforts to excel, MGM University of Health Sciences has the latest research facilities, a dedicated research faculty, as well as an array of distinguished visiting faculty members. The quiet ambience of our campuses, the well filled library with subscriptions to international and national journals, and the lush-green gardens add to our accomplishments.

Considering the manpower needs of

educational, industrial agricultural, and health sector to maintain their steady growth, several fresh M.Sc. courses have courses have been launched. M.Sc. courses introduced at the University from the current academic year shall provide knowledge, skills and subsequent employability that are at par with the counterparts in India and abroad. The curricula of the courses have been designed by experts and peer-reviewed with an emphasis on the job requirements of educational institutions, industries, health care, and research institutions. These courses will empower the students to choose a career in a classroom, a research laboratory or an industry. I am happy that the university is ticking towards the pinnacle with the introduction of these value-added postgraduate courses in medical biotechnology, medical genetics and other basic sciences.

Finally, I wish to place on record my gratitude to the founder members, stake-holders, faculty, staff, students and their parents for providing the MGM Trust with your advice and support.

Once again, it is my pleasure to welcome you to join constituent colleges of MGM University of Health Sciences' at Navi Mumbai and Aurangabad.

Kamal Kishore Kadam
Chancellor



Dr R.D.Bapat
Vice Chancellor



Dr S.N.Kadam
Pro Vice Chancellor



Dr N.N.Kadam
Director (Examination)



Dr Ajit shroff
Dean (Aurangabad Campus)



Dr Z.G. Badade
Registrar



Dr G.S.Narshetty
Dean (Navi Mumbai Campus)

Curriculum of Diploma in Child Health (D.C.H.)

Goal

The Goal of D.C.H. Program is to provide training in Pediatrics and Neonatology to produce competent specialists who are able to provide basic and speciality care of the highest order to neonates, infants, children and adolescents at the community level and at primary and secondary levels of health care.

Intramural and Extramural Rotation

At least 2 and not more than 5 months in Neonatology.

At least maximum 3 months in Allied Branches.

At least 2 and not more than 6 months in sub-speciality areas: IPCU/ Emergency Pediatric Care

The Department of Pediatrics will decide the posting of students in Neonatology and Allied Branches and Sub-speciality areas.

Course Structure:

Basic Sciences and Laboratory Medicine as applied to Pediatrics and Childhood Diseases.

Clinical Epidemiology

Ethics in Pediatrics and Child Care

Computers in Pediatrics

Pediatric and Neonatal Therapeutics

Effects of physical and physiological changes on the pharmacokinetic of commonly used medications in Pediatrics.

Recognition of drugs that are contraindicated, and used with extreme caution in specific pediatric populations.

Effects of maternal therapy on the fetus and the neonate.

Secretion of drugs in the breast-milk.

Patient education and parent education, for appropriate drug dosing, formulations and administration techniques.

Preventive Pediatrics

National Health programs relevant to Pediatrics and Child Care.

Epidemiology of common health problems and diseases.

Vital statistics: Maternal Mortality Rate, Perinatal Mortality Rate, Neonatal

Mortality Rate, Under-5 mortality Rate: Definitions, National Status, Determinants,

Interventions aimed at reduction of the rates.

National Immunization Programs and policies.

Other vaccines not included in the National Immunization Program.

Social Pediatrics

Child labour, Child abuse, Child neglect, Failure to thrive, Social issues relevant to Pediatrics.

Media and children

Children at special risk

Adoption

Environmental health hazards.

Psychological Behavioral manifestations disorders

Identification and assessment of Psychological and behavioral disorders.
Intervention and management strategies for Psychological and behavioral disorders.

Growth and Development

Normal pattern and factors affecting growth and development. Recognition of normal variants of growth and development.

Developmental assessment in infancy and childhood.

Physiological changes during adolescence and problems facing adolescents.

Assessment of growth.

Deviations from normal patterns of growth and development: Recognition, Prevention, Early intervention and Management.

Tools for assessment of growth and development at various ages including Indian adaptations.

Nutrition

Understanding of energy balance in humans.

Basic biochemistry of proteins, carbohydrates and fats.

Proximate Principles, Vitamins, Minerals and Micronutrients: Biochemistry, Physiological Functions, Daily Requirements, Manifestations and Management of deficiency and excess states.

Normal requirement of protein, fat, carbohydrate for newborns, children, adolescents and pregnant and lactating women.

Nutritional values of common Indian foods.

Breastfeeding and lactation management

Infant feeding and weaning foods.

Balanced diet.

Assessment of nutritional status.

Nutritional disorders-Etiology, Clinical features, patho-physiology, pathogenesis and management

Pathological features of various nutritional disorders.

Planning of diet during illness.

Fluids and Electrolytes

Pathophysiology of body fluids, fluid therapy, electrolytes, acid-base balance, parenteral and enteral fluid therapy

Emergency pediatric services

Pediatric resuscitation

Evaluation of critically ill child.

Pediatric Emergencies and poisoning.

Pediatric injuries and injury control and accidents.

Insect, animal and snakebites.

Anesthesia, peri-operative care and pain management.

Principles of drug therapy.

Genetics

Principles and molecular basis of genetic disorders.
Clinical features and management of genetic and chromosomal disorders.
Prenatal diagnostic techniques and neonatal screening tests.
Effects of teratogenic agents.
Genetic counseling.

Metabolic diseases

Metabolic diseases of protein (amino acids), carbohydrates, fats, mucopolysaccharides, purines, pyrimidines, heme and others

Neonatology: The fetus and neonatal infant

High-risk pregnancy
Assessment of fetal growth, well-being and maturity.
Fetal distress: Manifestation, identification and management
Maternal diseases and their effects on the fetus and newborn.
Assessment of fetal wellbeing.
High-risk infant – identification and management.
Delivery room emergencies, resuscitation of newborn and care of normal new born.
Birth injuries.
Adaptation of newborn.
Examination of newborn and assessment of maturity.
Etiology, clinical features, pathophysiology, pathogenesis and management of various diseases of newborn.
Neonatal transport.
Neonatal procedures.
Developmental assessment, and early intervention programmes for infants at high risk for developmental delay.
Care of newborn in the community.
Planning and organization of level I and level II Neonatal care centers.

Infectious diseases

Clinical features, management of viral, bacterial, fungal, spirochetal, rickettsial, parasitic, protozoal and other infections.
Prevention and management of nosocomial infections.
Infection control and preventive measures.
Immunization against infectious diseases.
Fever
Laboratory techniques for diagnosis of infectious diseases.
Infections in immunocompromized host.
Clinical syndromes caused by various infectious agents.

Immunological system and its disorders

Components of immune system and their functions.

Disorders of immune system – Etiology, Clinical features, pathophysiology, pathogenesis and management.

Pharmacotherapy.

Transplantation medicine.

Allergic diseases – etiology, clinical features, patho-physiology, pathogenesis and management.

Relevant diagnostic and therapeutic modalities in various immunological and allergic disorders.

Rheumatic diseases and connective tissue disorder of childhood.

Etiology, pathogenesis, manifestation, laboratory diagnosis and management of Rheumatic diseases in childhood and adolescents

Respiratory system

Development of respiratory system, congenital anomalies.

Physiology of respiration and mechanics of ventilation.

Etiology, clinical features, pathophysiology, pathogenesis and management of various respiratory diseases.

Pathological features of various respiratory diseases.

Relevant diagnostic and therapeutic modalities in respiratory diseases in children.

Pharmacotherapy of respiratory diseases.

Cardiovascular system

Embryology of heart and vascular system.

Adaptations of cardiovascular system at and after birth.

Etiology, pathophysiology, pathogenesis, clinical features and management of congenital and acquired heart and vascular diseases and rheumatic heart disease.

Rheumatic fever – Epidemiology, clinical features, pathophysiology pathogenesis, prevention and management.

Relevant diagnostic and therapeutic modalities in heart diseases in children.

Congestive cardiac failure – Etiology, pathophysiology, pathogenesis, clinical features and management.

Pharmacotherapy of cardiovascular diseases.

Gastrointestinal tract

Development of gastrointestinal tract, hepatobiliary system and their abnormalities.

Physiology of digestion.

Etiology, pathophysiology, pathogenesis, clinical features and management of various gastrointestinal and hepatobiliary and other abdominal diseases.

Pathological features of gastrointestinal, hepatobiliary and pancreatic disorders.

Surgical emergencies in gastrointestinal tract diseases.

Hematology and Neoplastic diseases

Physiology of erythropoiesis, leukopoiesis and physiology of hemostasis.

Etiology, pathophysiology, pathogenesis, clinical features and management of hematological and oncological diseases.

Laboratory diagnosis and other relevant diagnostic and therapeutic modalities in hematological and oncological disorders.

Pharmacotherapy of Hematological and Oncological Diseases.

Component therapy in Pediatric Practice.

Nephrology and genitourinary tract

Development and developmental anomalies of the kidneys and the genitourinary tract.

Physiology of urine formation and metabolic functions of the kidney.

Etiology, pathophysiology, pathogenesis, clinical features and management of various disorders of the kidney and the genitourinary tract.

Pathological features of diseases of the kidney and genitourinary tract.

Relevant diagnostic and therapeutic modalities for diseases of the kidney and the genitourinary tract.

Pharmacotherapy of renal and genitourinary disorders.

Management of end stage renal disease.

Central and peripheral Nervous System

Development of the brain, spinal cord and peripheral nervous system and their anomalies.

Neurological evaluation of newborns, infants and children.

Etiology, pathophysiology, pathogenesis, clinical features and management of various diseases affecting central nervous system and peripheral nervous system.

Seizures in childhood.

Neuromuscular diseases – etiology, clinical features, pathophysiology and management.

Endocrine system

Synthesis, physiological functions and pharmacological actions of various hormones.

Disorders of the endocrine glands.

Pubertal development and its disorders.

Congenital and acquired disorders of eye, ear, nose, throat, bones and joints.**Miscellaneous diseases**

Unclassified diseases including SIDS, Sarcoidosis, Progeria, histiocytosis, chronic fatigue syndrome.

Metabolic bone diseases.

Genetic skeletal dysplasias.

Development of diagnostic approach for and interpretation of symptomatology and clinical signs in infants, children and adolescents.**List of skills**

Elicitation of history from parents, guardians, relatives and patients regarding complaints, previous diseases and therapy, events around birth, prenatal period, growth and development, diet and immunization, socio-educational and economic background and other relevant aspects.

Conduct physical examination of well and sick newborn babies, infants, children, adolescents and adults.

Accurately measure length or height, weight, head circumference and plot the data on a appropriate chart.

Accurately measure mid-arm circumference of children aged 1-5 years. identify abnormal growth patterns.

Interpret data obtained by anthropometric measurement and developmental assessment.

Assess nutritional status and determine if the child is getting adequate nutrition.

Provide nutritional advice for newborn babies, infants, children and adolescents.

Provide advice regarding breast-feeding, weaning and balanced diet.

Provide advice regarding healthy & hygienic practices with a view to prevent diseases disorders, injuries, accidents and poisoning.

Develop a diagnostic approach for clinical problems in newborns, infants, children and adolescents.

Discuss the characteristics of the patient and of the illness that must be considered when making the decision to manage the patient in the outpatient setting or admit to hospital.

Discuss the differential diagnosis of symptoms, signs and presentations in neonates, infants, children and adolescents.

Undertake relevant investigations for diagnostic and prognostic evaluation taking into consideration the risks, benefits and costs involved.

Convince parents and guardians regarding undertaking investigations and obtain their co-operation and valid legal consent.

Interpretation of laboratory Reports.

Counseling parents regarding the child's health status, health needs, illness & disabilities

Performance of Diagnostic & Therapeutic Procedures:

Venepuncture (10)

Intravenous access for administration of drugs and intravenous fluids (10)

Administration of drugs via intra-dermal, intra-muscular or subcutaneous routes (5 each)

Administration of drugs and fluids through intra-osseous route (2)

Lumbar puncture to draw out cerebro-spinal fluid for examination (5)

Sub-dural tap (2)

Ventricular tap (1)

Peritoneal (Ascitic) tap for diagnostic and therapeutic purposes (2)

Pleural tap for diagnostic and therapeutic purposes (4)

Collection of blood from an artery for arterial blood gas analysis (4)

Obtaining Central IV Access (3)

Endo-tracheal Intubation in Newborn babies, Infants, Children & Adolescents (5)

Cardiopulmonary Resuscitation (5)

Supra-pubic tap for obtaining a urine sample (5)

Administration of drugs via a nebulizer (5)

Catheterization of the urinary Bladder (5)

Liver Biopsy (4)

Kidney Biopsy (2)

Arterial Cannulation for monitoring of Blood Pressure (5)

Peritoneal dialysis (2)

Cannulation of the umbilical vessels (7)

Exchange Transfusion (5)

Bone Marrow aspiration (2)

Bone Marrow Biopsy (2)

Pericardiocentesis (2)

Cardioversion (4)

(The numbers in the brackets indicate the minimum number of the procedure that a post-graduate student needs to observe/ assist/ perform/ supervise)

Teaching/Learning Activities and Opportunities

Inpatient management

Outpatient Management

Presentation of cases on Clinical Rounds

Topic presentation.

Case discussions.

Clinicopathological conferences.

Clinicoradiological conferences.

Biopsy Meetings.

Mortality Review Meetings

Teaching clinical methods to UGs

In-house lectures

Conferences.

Seminars.

CME sessions

Participation in Workshops

Presentation of Papers

Teaching Undergraduate students.

Teaching Postgraduate students & paramedical staff.

Use and Maintenance of biomedical equipments and gadgets

Counseling regarding performance of procedures, disease process and prognostication

Group discussions Sessions

Assisting in diagnostic and therapeutic procedures.

Performing diagnostic and therapeutic procedures.

Patient/Health education.

Misc: XXIX) Basics of Information Technology as applied to Medical Sciences**Reference Books and Suggested Reading****(A) Books & Textbooks**

1. *General Medicine & Pediatrics*
2. Nelson Textbook of Pediatrics (Behrman)
3. Forfar Textbook of Pediatrics (Campbell).
4. Rudolph's Pediatrics (Rudolph).
5. Pediatric Medicine (Avery).
6. Textbook of Pediatrics (Udani).
7. Manual of Pediatric therapeutics (Graef).
8. Manual of Neonatal Care (Cloherty)
9. Common symptoms (Illingworth).
10. Pediatric diagnosis (Green).
11. Signs and symptoms in Pediatrics (Tunnessen).
12. Harrison's Principles of Internal Medicine.
13. Mcleod's clinical methods.
14. IAP Textbook of Pediatrics
15. Harriet Lane Handbook (Barone).

16. Handbook of Pediatric Physical diagnosis (Barness)

17. Short Text Book of Paediatrics: (Suraj Gupte)

Infectious Diseases & Parasitology:

Poliomyelitis (Huckstep).

Tuberculosis in Children. (Miller)

Essentials of Tuberculosis in children. (Vimlesh Sheth)

Parasitology (Charterjee)

Textbook of Pediatric Infections diseases (Fegin & Cherry)

Growth & Development :

The Development of the Infant and Young Child –

Normal & Abnormal (Illingworth)

The Normal Child (Illingworth).

Miscellaneous : Protein Energy Malnutrition

a) Alleyne,

b) Waterlow.

Essentials of Human Genetics (Kothari & Mehta)

Genetics in Medicine (Thomson & Thomson).

Birth Defects encyclopedia (Büyses).

Smith's Recognizable Patterns of Human Malformation (Jones).

Breastfeeding – A Guide for the medical profession (Lawrence)

Medical Embryology (Langman).

Frontiers in social Pediatrics (Patwari)

Medical emergencies in children (Singh).

Immunization : Immunization in Practice (Mittal)

Immunization update (Mittal)

(B) Journals in Pediatrics & Other Periodicals

Year Book of Pediatrics – Stockman III

Indian Pediatrics

Indian Journal of Pediatrics

Pediatrics Today.

Archives of Diseases in Childhood

Pediatrics

Journal of Pediatrics

Drugs.

State of the World's Children (UNICEF)

PRACTICAL: MD (PAEDIATRICS)

There will be 4 examiners consisting of one internal (convenor) and 3 externals
(Out of whom at least one to be from outside the state)

CASES:

2 Long cases	-	100 (50 marks each)
2 Short cases	-	50 (25 marks each)
Table *viva and **spotting	-	50

		200

*VIVA-VOCE covering Management of paediatric emergencies, paediatric procedures and other applied topics-
-20 marks

**SPOTS consisting of instruments, interpretation of imaging studies, ABG reports, ECG, EEG, tracings, nutrition, vaccines, Pathology/Microbiology/Haematology, PBS Slides, Drugs -30 marks

2 marks each).

(15 x

Note:

1. Candidate has to secure at least 50 marks in both long cases taken together and 50 marks in short case plus table viva / spotting tests separately for passing.
2. Out of 2 short cases, at least one case must be a neonate.
3. Bed-side, manners, communication with parents and counselling skill of candidates may also be assessed along with case presentation.

DCH:**CASES:**

2 Long cases	-	100 (50 marks each)
2 Short cases	-	50 (25 marks each)
Table viva	-	50
(Drugs, Vaccines, Nutrition		-----
X-rays, Instruments &		200
Procedures and emergencies		
in Paediatrics)		

MGM INSTITUTE OF HEALTH SCIENCES, NAVI MUMBAI

MARKLIST FOR PRACTICAL AND VIVA-VOCE EXAMINATION

EXAM CENTRE: _____ COURSE / EXAM : PG –

DATE OF EXAMINATION: _____ EXAMINATION FOR: DCH (Diploma in Child Health)

Seat No	1 CLINICAL CASES					2 VIVA-VOCE	GRAND TOTAL (1+2)
	Long Case 1	Long Case 2	Short Case 1	Short Case 2	TOAL	Viva-Voce	300 Marks
	75	75	50	50	250	50	

NAME OF EXAMINER	COLLEGE	SIGNATURE WITH DATE
<u>1.</u>		
<u>2.</u>		
<u>3.</u>		
<u>4.</u>		

Paper wise Distribution OF TOPIC

PG COURSES: - DIPLOMA

Sr. No.	Course	Subject Name		Paper No. & Topics
i)	D.C.H.	DIPLOMA PAEDIATRIC	IN	I. Basic medical as applied to paediatrics. II. Neonatology, social and preventive Paediatric. III. Systemic disease in Paediatrics Respiratory cardiology, CVS, Neurology, Haematology, Nephrology, Rheumatology, Immunology, Gastroenterology, growth and development. Congenital & acquired disorder of Eye care, Nose, Throat and joints, Endocrine system and miscellaneous diseases.
ii)	D.A.	DIPLOMA IN ANAESTHESIOLOGY		I. Basic Sciences as related to Anaesthesia (History, Anatomy, Physiology, Pharmacology, Pathology, Physics, Instrument & Equipments, etc.) II. Theory & Practice of Anaesthesia III. Clinical Sciences like Medicine & Surgery related to Anaesthesia
iii)	D.G.O.	DIPLOMA IN OBST. & GYNAECOLOGY		I. Obstetrics including the diseases of newborn. II. Gynaecology, Gynaecological Pathology & Operative Gynaecology. III. Medical and surgical diseases complicating obstetrics & Gynaecology, social obstetrics & Gynaecology including M.CH. & F. W.
iv)	D. ORTHO	DIPLOMA ORTHOPAEDICS	IN	I. Anatomy, Physiology and Pathology as applicable to Orthopaedics. II. Traumatology and general Surgery. III. General Orthopaedics
v)	D.O.	DIPLOMA OPHTHALMOLOGY	IN	I. Anatomy, Physiology and Optics. II. Ophthalmic Medicine and surgery. III. Ophthalmology related to systemic diseases and new innovations and techniques in Ophthalmology.

IN PURSUIT OF EXCELLENCE

**MGM DEEMED UNIVERSITY
OF HEALTH SCIENCES**

Constituent Colleges

Navi Mumbai

M.G.M. Medical College
M.G.M School of Biomedical Science
M.G.M School of Physiotherapy
M.G.M New Bombay College of Nursing
M.G.M College of Nursing

Aurangabad

M.G.M. Medical College
M.G.M School of Biomedical Science
M.G.M School of Physiotherapy
M.G.M College of Nursing



MAHATMA GANDHI MISSION



AURANGABAD

- MGM's Jawaharlal Nehru Engineering College
- MGM's Institute of Management
- MGM's Mother Teresa College of Nursing
- MGM's Mother Teresa Institute of Nursing Education
- MGM's College of Journalism & Media Science
- MGM's Medical Center & Research Institute
- MGM's College of Fine Arts
- MGM's Dr. D. Y. Pathrikar College of Comp. Sc. & Tech.
- MGM's Hospital & Research Center
- MGM's College of Agricultural Bio-Technology
- MGM's Dept. of Bio-Technology & Bio-informatics.
- MGM's Inst. of Hotel Management & Catering Tech.
- MGM's Institute of Indian & foreign Languages & Comm.
- MGM's College of Physiotherapy
- MGM's Hospital, Ajabnagar
- MGM's Sangeet Academy (Mahagami)
- MGM's Institute Naturopathy & Yoga
- MGM's Sports Club & Stadium
- MGM's Institute of Vocational Courses
- MGM's Horticulture
- MGM's Health Care Management
- MGM's Junior College of Education (Eng. & Mar.)
- MGM's Sanskar Vidyalaya (Pri. & Sec. - Mar.)
- MGM's Clover Dale School (Pri. & Sec. - Eng.)
- MGM's First Steps School (Pre-Primary - English)
- MGM's Sanskar Vidyalaya (Pre-Primary - Marathi)
- MGM's School of Biomedical Sciences

NAVI MUMBAI

- MGM's College of Engineering & Technology
- MGM's Institute of Management Studies & Research
- MGM's Dental College & Hospital
- MGM's College of Physiotherapy
- MGM's College of Media Science
- MGM's Institute of Research
- MGM's New Bombay Hospital, Vashi
- MGM's Hospital, CBD
- MGM's Hospital, Kamothe
- MGM's Hospital, Kalamboli
- MGM's Infotech & Research Centre
- MGM's Pre-Primary School (English & Marathi)
- MGM's Primary & Secondary School (Eng. & Mar.)
- MGM's Junior College Science
- MGM's Junior College of Vocational Courses
- MGM's Florence Nightingale Inst. Nursing Edu.
- MGM's College of Nursing
- MGM's College of Law

NANDED

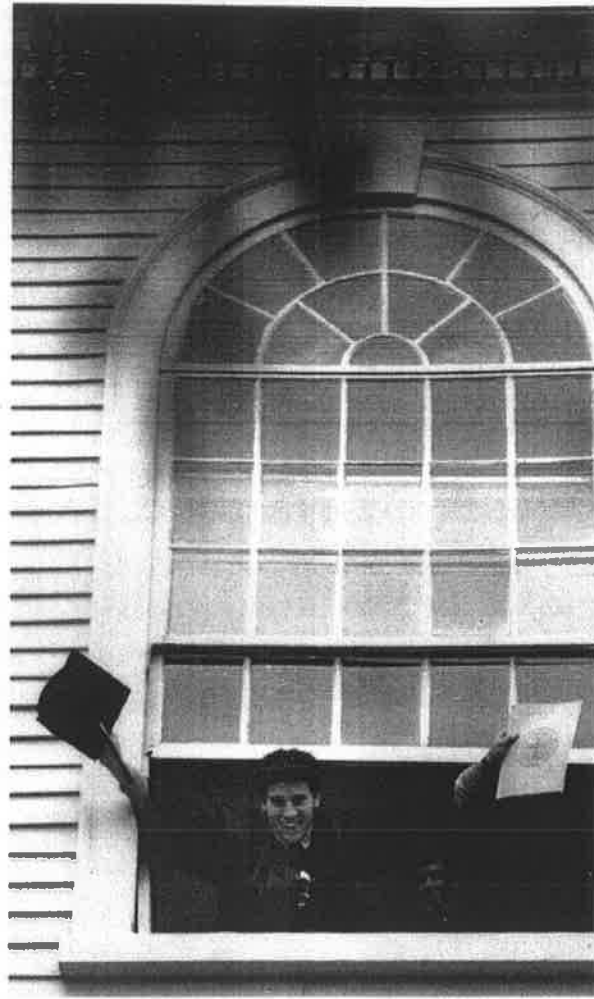
- MGM's College of Engineering
- MGM's College of Fine Arts
- MGM's College of Computer Science
- MGM's College of Journalism & Media Science
- MGM's Centre for Astronomy & Space Tech.
- MGM's College of Library & Information Science

PARBHANI

- MGM's College of Computer Science

NOIDA (U.P.)

- MGM's College of Engineering & Technology



MGM University of Health Sciences
(Education - Health Services - Research)
A Mission started, nurtured and Managed
by Professional Doctors, Scientists Engineers...



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)



Post Box -6, MGM Educational Complex, Sector-18,
Kamothe, Navi Mumbai - 410209

Ph : - 022-27422471, 65168127, 65138121 Fax : 022-27420320

E-mail : mgmuniversity@mgmuhs.com

Website: www.mgmuhs.com

Resolution No. 1.3.7.11 (i) of BOM-51/2017: Resolved that the following Bioethics topics in PG Curriculum are to be included for PG students of all specialization and a sensitization of these topics can be done during PG Induction programme:

- Concept of Autonomy
- Informed Consent
- Confidentiality
- Communication Skills
- Patient rights
- Withholding / Withdrawing life-saving treatment
- Palliative Care
- Issues related to Organ Transplantation
- Surgical Research and Surgical Innovation
- Hospital Ethics Committee
- Doctor-Patient relationship

Resolution No. 1.3.23 of BOM-51/2017: Resolved to implement a Structured Induction programme (07 days) for PG students. [Annexure-XLIV]



MGM INSTITUTE OF HEALTH SCIENCES
Navi Mumbai

Induction Program for newly admitted Postgraduate students

Day 1	<ul style="list-style-type: none"> • Address by Dean, Medical Suptd, Director (Academics) • Pre-test • Communication Skills • Universal Safety Precautions • Biomedical Waste Management • Infection Control Policy
Day 2	<ul style="list-style-type: none"> • Emergency services • Laboratory services • Blood Bank services • Medicolegal issues • Prescription writing • Adverse Drug Reaction • Handling surgical specimens
Day 3	<ul style="list-style-type: none"> • Principles of Ethics • Professionalism • Research Ethics • Informed Consent • Confidentiality • Doctor-Patient relationship
Day 4	<ul style="list-style-type: none"> • Research Methodology
Day 5	<ul style="list-style-type: none"> • Synopsis writing
Day 6	<ul style="list-style-type: none"> • Dissertation writing
Day 7	<ul style="list-style-type: none"> • Statistics
Day 7	<ul style="list-style-type: none"> • ATLS • Post-test

The Induction Program will be conducted in the first week of June.
Timing: 9.30 am to 3.30 pm

(Prof. Dr. Siddharth P. Dubhashi)
Director (Academics)

Resolution No. 4.5.4.2 of BOM-55/2018: Resolved to have 10 short notes out of 11 (10 marks each) in all the papers in university examination for PG courses including superspeciality. To be implemented from batch appearing in April/May 2019 examination onwards for MD/MS/Diploma and August/September 2019 examination onwards for superspeciality.

Resolution No. 4.13 of BOM-55/2018: Resolved as follows:-

- (i) Slow learners must be re-designated as potential learners.
- (ii) Students scoring less than 35% marks in a particular subjects/course in the 1st formative exam are to be listed as potential learners. These learners must be constantly encouraged to perform better with the help of various remedial measures.
- (iii) Students scoring more than 75% marks in a particular subjects/course in the 1st formative exam are to be listed as advanced learners. These learners must be constantly encouraged to participate in various scholarly activities.