

## **LIST OF FACILITIES AVAILABLE FOR PATIENT CARE, TEACHING LEARNING AND RESEARCH.**

Dr. Ulhas Patil Medical College & Hospital (DUPMC&H) was started by Godavari Foundation in 2008 to impart quality education in the field of Medical Science. This is one of the flagship institutions of the Godavari Foundation. It started functioning from the academic year 2008-09. DUPMC&H provides the students with a solid foundation to base their Medical practical knowledge on. It endows the students with Advanced & Updated Medical skills. The institute in pursuit of its vision will provide outstanding educational experience, in all the disciplines of Medicine and allied Health Sciences, in a supportive environment of scholarship, research, integrity, critical thinking and self directed learning. The facilities and services available in the institution for patient care are as follows:

- Speciality services
- Super speciality
- Diagnostic services include Biochemistry, Radio diagnosis, Microbiology, Pathology.
- Emergency Medicine Services

### **SUPERSPECIALITY**

- Cardiology
- Medical oncology
- Gastroenterology
- Neurology
- Nephrology
- Neonatology
- Cardiothoracic surgery Surgical oncology
- Surgical gastroenterology
- Neurosurgery
- Urology
- Paediatric surgery
- Spine surgery

### **SPECIALITY SERVICES GENERAL MEDICINE**

- MICU
- ICCU
- Dialysis unit
- Respiratory care unit
- Cardiac Cath lab

### **SPECIALITY CLINICS:**

- Cardiology
- Nephrology



- Neurology
- Medical oncology
- Gastroenterology
- Endocrinology
- Rheumatology
- Head ache
- Stroke
- Diabetic hypertension
- Asthma and allergy clinic

### **GENERAL SURGERY**

- Endoscopic Surgery
- Paediatric Surgery
- Urological Surgery
- Burns

### **SPECIAL DIAGNOSTIC FACILITIES BEING PROVIDED BY THE DEPARTMENT.**

- Endoscopy – Diagnostic, Therapeutic
- Upper GI – Variceal Banding, sclerotherapy
- Colonoscopy - Polypectomy
- Sigmoidoscopy
- Laparoscopic procedures – Advanced Laparoscopic GI Surgeries
- Lap. Hemicolectomy, Lap. Cholecystectomy

### **OBG DIAGNOSTIC OPD PROCEDURES**

- Ultrasound scan
- Cervical PAP smear
- Colposcopy
- Cervical biopsy
- Endometrial sampling
- Urodynamic study
- Bone mineral density assessment Therapeutic OPD Procedures
- MIRENA insertion
- IUCD Removal Operative Interventions
- Laparoscopy
- Hysteroscopy
- Management of early pregnancy complications (D&E/TOP/Laparoscopic treatment of ectopic pregnancy)
- Diagnostic Laparoscopy
- Laparoscopic ovarian drilling



- Laparoscopic treatment of endometriosis
- Laparoscopic adhesiolysis In-patient Procedures
- Hysterectomy (Laparoscopic, Abdominal & Vaginal)
- Laparoscopy Assisted Vaginal Hysterectomy (LAVH)
- Laparoscopic oophorectomy
- Laparoscopic ovarian cystectomy
- Laparoscopic myomectomy
- TOT (Trans Obturator Tape) for urinary incontinence
- Operation for genital prolapse

## OBSTETRIC UNIT

- High-risk pregnancy clinics
- Joint obstetric clinics with other specialties
- Inpatient (antenatal & postnatal) facilities
- Modern Labour ward suite with facilities for continuous fetal monitoring for high risk pregnancies in Labour
- Ultrasound facilities
- Day care monitoring facilities for high risk pregnancies
- NICU with experienced neonatology consultant cover

## PAEDIATRIC

- Paediatric Outpatient Services
- Asthma / Allergy clinic
- Well baby clinics
- Neuro developmental follow up clinics
- Immunization services
- Paediatric surgical services
- Paediatric Inpatient Services
- PICU – Paediatric Intensive Care Unit
- NICU – Neonatal Intensive Care unit
- Management of high-risk deliveries and newborn care
- Paediatric Diarrhoea training and treatment unit
- Paediatric day care services
- Paediatric Surgical services
- Paediatric Outreach clinic
- Common illnesses OPD & IPD
- PICU for very sick children
- NICU for sick newborn
- Immunization everyday
- Child Guidance Clinic
- Child Physiotherapy



- Treatment of childhood blood diseases
- Developmental clinic for delayed development

## ORTHOPEDICS

- Well geared to undertake all types of trauma including polytrauma patients.
- Diagnostic arthroscopy and ligament re-construction work being done regularly
- Total joint replacement – including TKR, THR being done regularly
- Specialized spine unit performs cervical thoraco lumbar, lumbar spine surgeries on regular basis
- Specialized Hand & Micro Surgery unit dealing with vascular, flap, and limb re-construction surgery regularly
- Specialized OPD clinics like Back ache clinic, Paediatric clinic, Trauma clinic
- Well-equipped modern operation theaters and a trauma theater offers excellent orthopedic work

## ENT

- Complete outpatient evaluation
- Micro ear examination,
- Diagnostic nasal endoscopy
- Head& Neck Cancer screening and evaluation
- Audio vestibular disorder evaluation
- Audiological assessment and Neonatal screening for hearing

## OPHALMOLOGY

- Optical coherence tomography
- Automated field analyzer
- Green laser for retinal photo coagulation
- Fundus fluorescence Angiography
- Fundus Camera
- Anterior Segment Imaging System
- Applanation tonometry
- Noncontact tonometry
- Ophthalmic A and B-Scan
- Auto refractometer & Keratometer
- Eye bank and Keratoplasty
- Modern treatment facilities for all ophthalmic disorders

## DERMATOLOGY

- Leprosy clinic: MDT , Rehabilitation, Reconstructive Surgery, MCR foot wear, Health Education
- STI clinic: syndromic



- Psoriasis clinic: Phototherapy, clinical trials, admissions, counseling
- Vitiligo clinic: Patient information leaflets, phototherapy, punch grafting, suction blister, tattooing
- Cosmetology: Peeling, microderm abrasions, cryoslush, electrolyin lasers.
- Contact dermatitis : Patch testing
- Autoimmune :Systemic lupus erythematosus, systemic sclerosis, dermatomyositis, mixed connective tissue disorders
- Vesiculo bullous disorders- Intra epidermal and sub epidermal immunobullous disorders

## **ANESTHESIOLOGY**

- Number of OT's – Main OT complex – 13
- Intensive care - MICU, ICCU, PICU, CICU, NICU, BICU, SICU, RICU
- Post- operative ward

## **PSYCHIATRY**

- Outpatient Department.
- Emergency Service Division
- Inpatient Facility.
- De addiction Department.
- Day Care Facility

## **DENTISTRY**

Dental treatments are carried out by a dental team, which often consists of a dentist and dental auxiliaries

- Bridges. A bridge is a fixed replacement for a missing tooth or teeth. ...
- Crowns. A crown is a type of cap that completely covers a real tooth. ...
- Fillings. Fillings are used to repair a hole in a tooth caused by decay. ...
- Root canal treatment. ...
- Scale and polish. ...
- Braces. ...
- Wisdom tooth removal. ...
- Dental implants

## **PATHOLOGY**

The pathology laboratory has various sections such as histopathology, hematology, clinical pathology, cytopathology, frozen section and immune histochemistry.



## BLOOD BANK

The services like Whole Blood, Packed Red Cells, Fresh Frozen Plasma, Platelet Concentrate, Cryoprecipitate, Donor Grouping, Patient & Donor Grouping, Cross Matching. All the blood and it's components are screen for HIV HBsAG, HCV, VDRL and MP test before issuing the blood bags to the patients.

## RADIO DIAGNOSIS

Well equipped with Man and Machine; a team of competent radiologists and state-of-the-art equipment inclusive of:

- Computed and Digital Radiography
- Fluoroscopy-guided imaging procedures (IITV)
- Mammography
- Multi slice Computed Tomography
- 1.5 Tesla and 0.4 Tesla MRI
- Neonatal ultrasound
- High-resolution 2D/ 3D/ 4D Ultrasound with Color Doppler Imaging
- Non-vascular intervention
- Cath lab for vascular intervention.

## MICROBIOLOGY

- Diagnostic facilities: (Accredited by NABL)
- Bacteriology – Aerobic Culture and Sensitivity, Automated Blood Culture Automated Bacterial Identification Anaerobic culture
- Mycobacteriology – CBNAAT (Gene expert), Micro MGIT culture , Fluorescent
- Microscopy
- Immunology-ANA Immunofluorescence, ANCA Immunofluorescence, APLA, ANA profile.
- Virology – ELISA & ECLIA- HIV, HAV, HBV, HCV, Dengue. Viral meningitis screening, HCV & HBV viral load by Real time PCR
- Molecular technology - Conventional and Real time PCR
- Mycology, Parasitological & Serology Diagnostic tests available in Microbiology Laboratory Investigations
- Blood & Body Fluid Culture by Bactec Aerobic □ Culture & Sensitivity (Aerobic) Routine
- Anaerobic culture
- Gram's staining
- Albert's stain
- Stool Hanging Drop For Vibrio Cholerae



- Dark Field Microscopy For Leptospira
- AFB Staining
- Mycobacterial routine c/s
- Mycobacterial Bactec MGIT Culture
- DOTS AFB microscopy
- PCR by GeneXpert
- Fungal culture
- Wet mount Stool Microscopy
- Cryptosporidium staining
- VDRL/RPR
- TPHA
- Widal
- Brucella agglutination
- PCT (Procalcitonin) Rapid
- Anti Leptospira IgM (ELISA)
- Monospot Inf.mononucleosis
- HIV Rapid
- HBsAg Rapid
- HCV Rapid
- HIV (ELISA)
- HBsAg (ELISA)
- HCV (ELISA)
- Anti HBs Titer ELISA
- Anti HAV (Hepatitis A Virus) IgM
- Environmental Swabs And Specimens
- Anti Dengue Virus IgM (ELISA)
- Anti Dengue Virus IgG (ELISA)
- ANA profile
- ANA Global (ANA, ASMA,AMA)
- Dengue Rapid (NS1, IgM, IgG)
- Weil - Felix
- Water culture
- Anti Cardiolipin (APLA) IgG
- Anti Cardiolipin (APLA) IgM
- ANTI dsDNA ELISA
- ANCA (cANCA and pANCA)
- Skin Smear AFB
- Id & Sensitivity by PHOENIX
- Identification by PHOENIX
- ID & Sensitivity (BACTEC & PHOENIX)
- HBV DNA PCR Quantitative (Viral Load)



- HCV RNA PCR Qualitative
- HCV RNA PCR Quantitative (Viral Load)
- HBV DNA PCR Qualitative
- Viral Meningitis Screen-I1 by PCR
- HIV-I/II Ab ECLIA
- HBsAg ECLIA
- HCV-Ab ECLIA
- Anti-HBs Titer ECLIA
- Anti-HAV IgM ECLIA

## **BIOCHEMISTRY**

The clinical laboratory provides round the clock laboratory service to O.P .and I.P. departments. Routine tests and special tests are done at affordable rates. All routine biochemical tests including Arterial Blood Gas analyses and electrolyte estimation are performed using fully automated chemistry analyzer. Biochemical investigations of serum, plasma, whole blood, urine, CSF, pleural and other body fluids are carried out routinely..

## **FORENSIC MEDICINE**

Undertakes the medico-legal autopsies on cases from neighbouring districts. Also, the department is actively involved in attending and issuing certificates in medico-legal cases at Casualty.

The museum consists of materials of medicolegal importance such as specimens, charts, weapon of assault, and chemicals & plants of toxicological importance. The museum consists of materials of medico-legal importance such as specimens, charts, weapon of assault, and chemicals & plants of toxicological importance.

## **PHYSIOTHERAPY**

- Musculoskeletal rehabilitation
- Neurological rehabilitation
- Cardiac rehabilitation
- Pulmonary rehabilitation
- Pediatric Rehabilitation
- Community Based Rehabilitation
- Arthritis programme
- Antenatal /Postnatal programme
- Sports rehabilitation

## **MODALITIES AVAILABLE :**

- Transcutaneous electrical nerve stimulation
- Electrical stimulator
- Multi-current system





- Ultrasound therapy
- Cervical and lumbar traction
- LASER
- Body Weight supported treadmill
- Exercise equipments
- Biofeedback
- Infra red radiation
- Paraffin Wax Bath
- Hydrocollator packs
- Advanced airway clearance equipments

## EMERGENCY MEDICINE SERVICES

Emergency Department have highly trained doctors and other health professionals on site to deal with emergencies. They assess, treat, stabilise and start the health management of people who have come to the ED with a serious illness or injury. Prevention, mitigation, preparedness, response and recovery are the five steps of Emergency Management are followed in DUPMC&H

- Prevention. Actions taken to avoid an incident. ...
- Mitigation. ...
- Preparedness. ...
- Response. ...
- Recovery.

  
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**Department of General Medicine: -**

**List of Equipment**

S.N	Name	Available
1	B.P. Apparatus (Mercury containing instruments should be replaced by digital or other suitable alternatives)	60
2	Ophthalmoscope	16
3	Lumbar puncture needles (disposable)	As required
4	Pleural biopsy needles (disposable)	As required
5	Liver biopsy needles (disposable)	As required
6	Kidney biopsy needles (disposable)	As required
7	Bone marrow biopsy needles (disposable)	As required
8	Bone marrow aspiration needles (disposable)	As required
9	X-ray viewing box	30
10	Flexible Video End viewing Oesophago-Gastroduodenoscope (optional)	1
11	Flexible Video Colonoscope (optional)	1
12	Flexible Video Side viewing Gastroduodenoscope for ERCP (optional)	1
13	Proctoscope	12
14	Fiber optic bronchoscope (May be shared with TB&CD)	1
15	Spirometer	6
16	Bed side cardiac monitors	24
17	Central Cardiac monitor Console	2
18	Defibrillator	1 per unit + 1 each for MICU,ICCU and 1 for casualty ward
19	Non-invasive B.P. Apparatus	24
20	Pulse oximeter	26
21	Equipment for Cardiac pacing	1
22	Ambu bag	18
23	Laryngoscope	20
24	ECG machine	20
25	Echocardiography machine	2 (1 + 1 portable unit)
26	Tread mill test machine	1
27	Hemodialysis machine	6
28	Peritoneal dialysis catheters	As required
29	Arterial blood gas analyzer	2
30	Glucometer	20
31	EMG and nerve conduction velocity machine	1
32	Fine needle aspiration needle	As required



33	Aspiration needle	As required
34	Endotracheal tubes	As required
35	Invasive Mechanical Ventilator	12
36	Non Invasive mechanical ventilator (Maybe shared with TB and CD)	8
37	Nebulizer	20
38	Portable Suction Machine	2 with each ward, 2 for MICU, 2 for ICCU, 1 for casualty ward, 1 for OPD
39	Infusion pumps	1 with each bed of MICU and ICCU plus 4 / unit
40	Weighing scale	2/unit Plus 4 in OPD
41	Multimedia Projector with Screen	3
42	Patient Examination table	10
43	Rubber Hammer	14
44	Computer	1/unit, 1/MICU, 1/ICCU, 1/OPD
45	Torch	50
46	Emergency Lights	12
47	Upper GI endoscope (Optional)	5
48	Sigmoidoscope (optional)	5
49	Colonoscope (optional)	5
50	*Haemocytometer	7
51	*Light Microscope	5
52	*Haemoglobinometer	7
53	*Urinometer	5
54	Patient Examination Table	40



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**Department of Paediatrics: -**

**List of Equipment**

S.N	Name	Available
<b>(A)</b>	<b>Resuscitation equipment:</b>	
1	Ambu bag and Face mask - Neonate & infant	6
2	Ambu bag & Face mask – Children	6
3	Nasal prongs	As required
4	Nasal catheters	As required
5	Endotracheal tubes	As required
6	Suction apparatus	6
7	Suction catheters	As required
8	Laryngoscope – Infant	4
9	Laryngoscope – Children	4
<b>(B)</b>	<b>Oxygen Delivery System-</b>	
10	Oxygen Cylinder	8
11	Oxygen regulator	8
12	Oxygen Humidifiers	8
13	Oxygen head-box (of each size)	1
14	Nebulizers	8
<b>(C)</b>	<b>Drug Delivery Equipment/ Catheter/tube-</b>	
15	Blood Transfusion Set	4
16	Intra-venous (I.V.) Drip set	As required
17	Measure volume Set	As required
18	Intra-venous (I.V.) Cannula (Butterfly type)	As required
19	Intracath (different sizes)	As required
20	Umbilical vein Catheter	8
21	Infant Feeding tubes	As required
22	Three way and four way valve	4
<b>(D)</b>	<b>Measurement Equipment</b>	
	<b>Digital Weighing machine</b>	
23	Infant	4
24	Child	4
25	Neonates	4
26	Infantometer	6
27	Stadiometer	6
28	Measuring tape	As required
29	Shakir's tape	As required
30	Digital Thermometer-Oral *(Mercury based instruments to be replaced with other alternatives)	As required



31	BP measuring Instrument with various cuff sizes - Digital (Only Non mercury alternatives to be used)	8
<b>(E)</b>	<b>Work Lab and Investigations:</b>	
32	Bone marrow needle	6
33	Lumbar Puncture (L.P.) Needles	6
34	Pleural aspiration needle	6
35	Vim-Silverman liver biopsy needle	4
36	True Cut Renal biopsy needle	4
37	X-ray view box	10
<b>(F)</b>	<b>Miscellaneous</b>	
38	Glucometer	4
39	Pulse Oximeter	8
40	CPAP machine*	4
41	Mechanical Ventilator (neonatal and child)	3+3
42	Radiant Warmer	8
43	Phototherapy unit	8
44	Ophthalmoscope	4
45	Pleural Fluid Collection Bag	As required
46	Urine Collection Bag	As required
47	LED phototherapy unit	4
48	Multimedia Projector with Screen	1
49	Laptop	1



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**Department of Respiratory Medicine: -  
List of Equipment**

S.N	Name	Available
1	Peak flow meters	8
2	Nebulizers	8
3	Intercostal Drainage Facility	6
4	Pleural Biopsy Needles	4
5	Pulse Oximeter	8
6	Fiber optic Bronchoscope	2
7	Rigid Bronchoscope	1
8	Pulmonary function Test machine with facility for spirometry, lung volume and diffusion capacity	1
9	BP Instrument (Mercury based instruments to be replaced with suitable alternatives)	10
10	Weighing Scale	2
11	Non Invasive Mechanical Ventilator	10
12	Height Scale	4
13	Multimedia Projector with Screen	1



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**Department of DVL: -**

**List of Equipment**

<b>S.N</b>	<b>Name</b>	<b>Available</b>
1	Hyfrecator/ Electrosurgical instrument	1
2	Cryotherapy with liquid Nitrogen	1
3	Iontophoresis machine	1
	<b>Facilities for examining smears for bacteria, fungi, mycobacteria and acantholytic cells</b>	
4	(a) Light microscope	2
5	(b) Giemsa stain	As required
6	(c) KOH smear	As required
7	Wood's lamp	1
8	Multimedia Projector with Screen	1



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**Department of Psychiatry: -**

**List of Equipment**

S.N	Name	Available
<b>(A)</b>	<b>General</b>	
1	Electro Convulsive Therapy (E.C.T.) machine preferably with ECG & EEG monitoring	4
2	EEG Machine (may be shared with medicine department)	2
3	ECT machine without monitor	3
4	EEG machine (may be shared with medicine/neurology department)	1
5	Lithium analyzer (may be shared with clinical pathology department)	1
6	Bio feed-back instruments (sets)	1
7	Thin layer chromatography (for drug dependence treatment) (may be shared with other departments or in Central Research lab)	1
8	Alcohol breath analyzer	1
<b>(B)</b>	<b>Psychological Tests equipment</b>	
9	a) Projective tests	5
10	b) Intelligence Tests	5
11	c) Personality Tests	5
12	d) Neuro psychological tests	5
13	Multi media Projector with Screen	1





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**Department of General Surgery: -**

**List of Equipment**

S.N	Name	Available
<b>(A)</b>	<b>OPD</b>	
1	Digital/Electronic BP Apparatus, Weighing Machine, Stethoscope, Height scale	6 each
2	X ray viewing box 4 in 1	6
3	Proctoscope	10
<b>(B)</b>	<b>Minor O.T.</b>	
4	Operation Theatre Table	2
5	Operation Theatre Ceiling light	2
6	Pedestal lights	4
7	Electro-surgical cautery unit	4
8	Suction	4
9	Pulse oximeter	2
10	Anesthesia Equipment	1 set
11	Resuscitation kit	1
12	Assorted surgical instrument for minor operation sets	12
13	Autoclave	1
<b>(C)</b>	<b>Wards</b>	
14	Digital/Electronic BP Apparatus, Stethoscope	32 each
15	Weighing Machine, Height scale	16 each
16	Proctoscope	16
17	Non invasive Multi Para Monitors	8
18	ECG machines	8
<b>(D)</b>	<b>Operation Theatre</b>	
19	CC Camera for Student demonstration for OT	11
20	Operation Theatre Table	11
21	Operation Theatre Ceiling light	11
22	Pedestal lights	11
23	Electro-surgical cautery unit	16
24	Suction machine	11
25	Pulse oximeter	11
26	Anesthesia Equipment(as per requirement of Dept)	11 sets
27	General Sets including open Urological surgery (4 for each Operation Theatre)	44
28	Pediatric surgical instrument set	2
29	Burr hole set with electric craniotome	2
30	Vascular set	2
31	Diagnostic and Operative laparoscope including one High Definition with all accessories and hand instruments.	3
32	Cystoscope&Resectoscope	1
33	Flexible Video Colonoscope	1
34	Flexible Video Side viewing Gastroduodenoscope for ERCP	1
35	Flexible Video End viewing Oesophago-Gastroduodenoscope	1



36	Flexible Video Sigmoidoscope	1
37	Flexible Video Bronchoscope	1
38	C-arm image intensifier	1
39	Operative ultrasound	1
40	Harmonic Scalpel	3
41	Assorted Open & Laparoscopic Stapling devices	3 sets
42	Multimedia Projector with Screen	3



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**Department of Orthopedics: -**

**List of Equipment**

S.N	Name	Available
1	General instrumentation set for fracture reduction	10 sets
2	Set for Hip Replacement	1
3	Set for knee replacement	1
4	Interlock nailing sets	2 each
5	Specific fixation sets (Proximal Humerus, Distal humerus, Intertrochanter, proximal and distal tibia, pelvic fixation, pedicle screw, lateral mass screw and ACDF for cervical spine)	2
6	Small Fragment and large fragment	5
7	External Fixator	10
8	Fracture reduction OT tables	2
9	Simple OT tables	2
10	Cautery machines	2
11	Pneumatic drill and reamer	2
12	Electrical drill and reamer set	1
13	Laminar airflow system in OT (for OT - where joint replacement surgeries are carried out)	2
14	C-Arm (Image Intensifier)	As mentioned
15	Portable X-ray Machine	2
16	Arthroscope	1
17	Multimedia Projector	2
18	Plaster room equipment (sets) with plastic table.	1
19	Physiotherapy and occupational Therapy equipment sets	2
20	Movie Camera for demonstration of live operations	As required
	<b>The OPD should have -</b>	1
21	Plaster tables	
22	Electric plaster cutter	2
23	Reflex hammer	4
24	Measure tape	10
25	Goniometer	20
		10



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**Department of Ophthalmology: -**

**List of Equipment**

S.N	Name	Available
<b>(A)</b>	<b>O.P.D.</b>	
1	Snellen Chart/Snellen drum with or without remote control	6
2	Trial set with trial frame both for adult and children	6
3	Automated Perimeter	2
4	Color vision chart -Original Ishihara	4
5	Near vision chart with different languages	6
6	Torch	As required
7	Ophthalmoscope (Direct)	6
8	Streak Retinoscope	6
9	Indirect Ophthalmoscope	4
10	Slit lamp	4
11	Applanation tonometer	4
12	Keratometer	2
13	Synoptophore	1
14	Maddox Rod	1
15	Maddox Wing	2
16	Diplopia goggles	2
17	Gonioscope	3
18	Placido disc	2
19	Prism Bar	2
20	Schiotz's tonometer	4
<b>(B)</b>	<b>Major Operation Theatre</b>	
21	Operating microscope with TV Unit with camera	2
22	Cryo Unit	2
23	Cataract set	10
24	Glaucoma set	4
25	DCT/ DCRR set	3
26	Entropion set	4
27	Enucleation set	6
28	Evisceration set	2
29	Squint set	4
<b>(C)</b>	<b>General Ophthalmic Equipment</b>	
30	Operation Theatre Table	
31	Operation Theatre Light	3
<b>(C)</b>	<b>Minor Operation Theatre: Minor O.T. should have the equipment for the removal of the foreign body, sutures, and chalazion or sty.</b>	3
<b>(D)</b>	<b>Wards:</b>	



32	Slit lamp	2
33	Snellen chart/Snellen drum with or without remote control	2
34	Trial set with trial frame both for adult and children	2
35	Near vision chart with different languages	2
36	Torch	As required
37	Ophthalmoscope	2
38	Indirect Ophthalmoscope	2
39	Multi media Projector with Screen	1



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**Department of Oto-rhino-laryngology: -**

**List of Equipment**

S.N	Name	Available
<b>(A)</b>	<b>OPD</b>	
1	Sterilizer	1
2	Cidex instrument sterilization tray	2
3	Digital /Electronic BP Apparatus	1
4	Stethoscope	2
	<b>X-ray view box in all OPD rooms 5 sets each consisting of :</b>	
5	Thudicum/St.Clair Thomson Nasal Speculum different sizes	4
6	Lac's Tongue depressor different sizes	4
7	Laryngeal mirrors different sizes	4
8	Nasopharyngeal mirrors different sizes	4
9	Aural speculum different sizes	4
10	Ear Suction different sizes	2
11	Nasal Suction different sizes	2
12	Suction apparatus	1
13	Siegel's speculum	1
14	Tuning fork (512 Hz)	1
15	Tuning fork (256 Hz)	1
16	Tuning fork (1024 Hz)	1
17	Otoscope with halogen bulb, rechargeable battery and Siegle attachment	1
18	Bayonet forceps	2
19	Bulls lamp	1
20	Head Mirror	1
21	Head Light With LED/Halogen lamp	1
22	Jobson Horne probe	2
23	Instrument tray	1
24	Kidney tray	2
25	The OPDs should have Otoendoscope, Nasalendoscope, Laryngeal telescope with camera, monitor and light source for teaching purposes (1 Unit of the above may be placed either in Minor OT or Endoscopy room or in the OPD in the Consultant Chamber)	As mentioned
26	Optional- One treatment unit may be placed in the Consultant Chamber in the OPD which will facilitate and replace the instruments required in that room for examination purposes and help in teaching clinical skills.	As mentioned
<b>(B)</b>	<b>Ward</b>	
27	Four sets consisting of the instruments required in the OPD should be kept in the ward for teaching purposes and for	As mentioned



	examination time.	
28	One mobile spotlight, One Tracheostomy set should be placed in the ward.	As mentioned
29	The ward side room/emergency treatment room should have a mobile spotlight.	As mentioned
(C)	<b>Major Operation Theatre.</b>	
	The OTs should be equipped with the requisite equipment for anesthesia, cautery machines, suction machines and general operative sets.	
	<b>(a) Tonsillectomy and adenoidectomy set - 2 sets, each consisting of</b>	
30	Biopod	1
31	Boyle-Davis mouth gag with difference size blades	1
32	Tonsil holding forceps	1
33	Tonsil dissector and pillar retractor	1
34	Waugh's tenaculum forceps: plain and tooth	2
35	Tonsil snare	1
36	Burkit artery forceps	1
37	Wilson's double curved artery forceps	1
38	Negus artery forceps	1
39	Tonsil scissors	1
40	Adenotome	1
41	Adenoid curette with and without cage	2
42	Yankaueroropharyngeal suction (disposable)	1
	<b>(b) Set for nasal bone fracture</b>	
43	Asch forceps	1
44	Walsham forceps	1
45	St.Vlair Thompson Nasal Speculum	1
46	Killian Long bladed Nasal speculum	1
	<b>(c) Septoplasty set</b>	
47	Nasal dressing forceps	1
48	Knife handle	1
49	Killian's nasal speculum	1
50	Freer elevator	1
51	Howarth elevator	1
52	Cottle elevator	1
53	Sickle knife	1
54	Ballenger's swivel knife	1
55	Luc tissue cutting forceps	1
56	Takahashi forceps	1
57	Fish tail (bayonet shape) gouge	2
58	Nasal mallet	1
	<b>(d) FESS set</b>	
59	Rigid nasal endoscope 0 degree, 4 mm and 2.7 mm size	



60	Rigid nasal endoscope 30 degree, 4 mm and 2.7 mm size	1 each
61	Light source and light cable	1
62	Endoscopic Camera with suitable display with recording & archiving facility. (with High Definition Camera)	1
63	Sickle knife	1
64	Retrograde punch	1
65	Blakesley forceps – straight 1 and upturn	1
66	Nasal suction cannula different sizes	4
67	Double curved suction cannula different sizes	4
68	Sinus probe and curette	1
69	Lacrimal probes for endoscopic DCR (optional)	1
70	General Fess Instruments	1
	<b>(c) Direct laryngoscopy set</b>	
71	Anterior commissure laryngoscope for adult and pediatric sizes	2
72	Laryngoscope for adult and pediatric sizes	2
73	Negus laryngoscope	2
74	Light source	1
75	Light cable	1
76	Biopsy forceps	2
77	Foreign body removal forceps	2
78	Laryngeal suction	2
	<b>(g) Microlaryngoscopy set</b>	
79	Kleinsasser's laryngoscope	2
80	Fibreoptic lighting system	2
81	Suspension system for Laryngoscope	2
82	Microlaryngeal cup forceps	2
83	Microlaryngeal Scissors	2
	<b>(h) Tympanoplasty set</b>	
84	Graft knife	1
85	Graft scissors	1
86	Graft press	1
87	Aural speculum	4
88	Rosen first incision knife	1
89	Curette	2
90	Drum elevator	1
91	Blunt elevator	1
92	Sickle knife	1
93	Ball probe	1
94	Micro suction Cannula with thumb adaptor	4
95	Ear granulation forceps straight, up turn and side turn	3
96	Graft forceps	1
	<b>(i) Mastoidectomy set</b>	
97	Mallet	2
98	Gouge (different sizes)	4





99	Knife handle	1
100	Mosquito artery forceps	4
101	Cat's paw retractor	2
102	Endaural retractor/post aural retractor for right and left ear	2
103	Electric drill (motor, hand piece and burrs)	2 sets
104	Mastoid seeker	2
105	Aditus seeker	2
106	Malleus head nipper	2
107	Suction cannula with adapter for thumb control	4
108	Ear granulation forceps straight, up turn and side turn	3
	<b>(j) Stapedectomy set</b>	
109	Pick-straight	2
110	70 Angled	2
111	Perforator	2
112	Measuring rod	2
113	Prosthesis crimper	2
	<b>(k) Oesophagoscopy set</b>	
114	Oesophagoscopes sizes for different age group	3
115	Light source and cable	1
116	Biopsy forceps	3
117	Foreign body removal forceps	3
118	Suction cannula	3
119	Oesophageal dilators	1 set
	<b>(l) Bronchoscopy set</b>	
120	Bronchoscopes different sizes for different age groups	3
121	Light source and cable	1
122	Biopsy forceps	3
123	Foreign body removal forceps	3
124	Peanut forceps	3
125	Suction cannula	3
	<b>(m) Tracheostomy set</b>	
126	Needle holder	1
127	Bard Parker knife handle	1
128	Ribbon right angled retractors	2
129	Curved arteries	4
130	Straight arteries	1
131	Cricoid hook	1
132	Tracheal dilator	1
	<b>(n) Excision Biopsy Set</b>	
133	Doyen mouth gag	1
134	Jenin's mouth gag	1
135	Knife handle	2
136	Adson's tissue holding forceps toothed	
137	Adson's tissue holding forceps plain	



138	Mayo scissors different sizes	3
139	Mosquito curved artery forceps	6
140	Curved artery forceps	6
141	Ellis tissue forceps	4
142	Babcock tissue forceps	2
143	Cat's paw retractors	2
144	Right angle retractors	2
145	Skin hook single	2
146	Skin hooks double	2
147	Needle holder different sizes	3
148	Thread cutting scissors	1
<b>Minor Operation Theatre</b>		
<b>(a) Direct laryngoscope set</b>		
149	Laryngoscope – Anterior Commissure	1
150	Negus	1
151	Lighting system	1
152	Biopsy forceps	1
153	Foreign body removal forceps	1
<b>(b) Micro ear examination set</b>		
154	Aural speculum	2
155	Suction cannula	4
156	Aural cup forceps	4
<b>(c) Nasal packing set</b>		
157	St Clair Thompson nasal speculum different sizes	2
158	Nasal packing forceps	4
159	Nasal suction cannula	1
<b>(d) Nasal endoscopy trolley with 0 degree &amp; 30 degree 4mm endoscope with light source, cable , monitor &amp; camera</b>		
<b>(e) Others</b>		
160	Higginson syringe	1
161	Sterilizer	As required
162	Aural Syringe	As required
163	Tracheostomy set	As required
164	Intubation set	As required
165	Bowls, kidney treys, towel clips, sponge holding forceps and Cheatle forceps	As required
<b>(E) Miscellaneous Equipment</b>		
166	Operating microscope for major Operation Theatre ( with camera attachment & monitor for teaching and recording )	1
167	Electrocautery Unit	1
168	Spot Mobile Light	1
169	Basic OT table	1
170	Operating microscope for minor Operation Theatre	



138	Mayo scissors different sizes	3
139	Mosquito curved artery forceps	6
140	Curved artery forceps	6
141	Ellis tissue forceps	4
142	Babeock tissue forceps	2
143	Cat's paw retractors	2
144	Right angle retractors	2
145	Skin hook single	2
146	Skin hooks double	2
147	Needle holder different sizes	3
148	Thread cutting scissors	1
	<b>Minor Operation Theatre</b>	
	<b>(a) Direct laryngoscope set</b>	
149	Laryngoscope – Anterior Commissure	1
150	Negus	1
151	Lighting system	1
152	Biopsy forceps	1
153	Foreign body removal forceps	1
	<b>(b) Micro ear examination set</b>	2
154	Aural speculum	4
155	Suction cannula	4
156	Aural cup forceps	2
	<b>(c) Nasal packing set</b>	2
157	St Clair Thompson nasal speculum different sizes	4
158	Nasal packing forceps	1
159	Nasal suction cannula	4
	<b>(d) Nasal endoscopy trolley with 0 degree &amp; 30 degree 4mm endoscope with light source, cable , monitor &amp; camera</b>	1
	<b>(e) Others</b>	
160	Higginson syringe	2
161	Sterilizer	As required
162	Aural Syringe	As required
163	Tracheostomy set	As required
164	Intubation set	As required
165	Bowls, kidney treys, towel clips, sponge holding forceps and Cheatle forceps	As required
	<b>(E) Miscellaneous Equipment</b>	
166	Operating microscope for major Operation Theatre ( with camera attachment & monitor for teaching and recording )	1
167	Electrocautery Unit	1
168	Spot Mobile Light	1
169	Basic OT table	1
170	Operating microscope for minor Operation Theatre	



171	Puretone audiometer	As required
172	Brainstem evoked response audiometer with ASSR	As required
173	OAE Impedance audiometer (With sound treated air-conditioned room for audiometry)	As required
174	Multimedia Projector with Screen	1
	<b>Teaching models/simulators as a part of the college CAL lab to teach clinical skills and procedure to the students must be available</b>	
<b>(F)</b>	<b>Additional Equipment</b>	
175	Flexible nasopharyngolaryngoscope	1
176	Electronystagmograph(Optional)	1
177	Brainstem evoked response audiometer	1
178	Goggles, plastic apron, gloves for examination of patients with biohazard (HIV & AU +ve)	As required



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**Department of OBGY: -**

**List of Equipment**

S.N	Name	Available
<b>(A)</b>	<b>General</b>	
1	Speculums and retractors	150
2	EA + ECC sets	20
3	Cytology bottle	10
4	Microscope	2
5	MR Syringes	8
6	Colposcope	1
7	Cryo/electro cautery apparatus	2
8	Simple fetal Doppler	3
9	NST machine	3
10	Stitch removal sets	10
11	Dressing sets	12
12	Ultrasound machine	2
13	Weighing machine	3
14	Height scale	2
15	View box	1
16	Digital/ Electronic Blood Pressure apparatus, measuring tapes, gloves, syringes, needles, torch	7
17	Resuscitation tray (Laryngoscope, ET tube, Ambu bag, suction catheter)	3
18	Suction machine	3
19	Hysterosalphigogram Cannula	3
20	PCT forceps	7
21	Ayer's spatula	45
<b>(B)</b>	<b>Main Operation Theatre</b>	
22	Abdominal Hysterectomy set (Artery forceps, scissors, scalpel, Allis's kelly's clamp, Babcock forceps, thumb forceps, Harington & Richardson retractors.)	4
23	Vaginal Hysterectomy set	3
24	Scalpel, scissors, metal catheter, Sim's, Speculum volsellum, Kelly's clamps, right angle retractor, arteries, Allis, uterine sound, bladder sound.	3
25	Tuboplasty set	2
26	Myomectomy instruments (Myoma screw, Boney's clamp)	1
27	Diagnostic laparoscopy set	1
28	Operating laparoscopy set including one with HD with all accessories & hand instruments.	2
29	Laparocator for tubal ligation	1
30	Operative Hysteroscopy set	1



31	Electronic Carbondioxideinsufflator/ Insufflator basic unit	2
32	Resectoscope	1
33	Hysteromat	1
34	Operative microscope	1
35	Electrocautery	3
<b>(C)</b>	<b>Labour Room</b>	
36	Delivery sets	25
37	Digital/ Electronic B.P. Apparatus	4
38	Weighing machine	2
39	Fetal Doppler	2
40	Cardiotocogram machine	3
41	Portable ultrasound	1
42	High suction machine	3
43	Resuscitation tray	2
<b>(D)</b>	<b>Special Equipment</b>	
44	Oxytocin infusion pumps	3
45	Multichannel monitors	4
<b>(E)</b>	<b>Teaching Set</b>	
46	Doll and Dummy	2
47	Female Pelvis	2
48	Gross specimens	15
49	X-ray/US films	8
50	View box	1
51	Multimedia Projector with Screen	2
52	Set of instruments for teaching purpose	1
<b>(F)</b>	<b>Minor Operation Theatre</b>	
53	Cervical biopsy set	3
54	MTP set	3
55	D&C set	4
56	IUCD insertion/removal set	7
57	High suction machine	2
58	Resuscitation tray	1
59	E.B. set	4
60	Operation Theatre table, Operation Theatre lights, Central O2 and suction	As required
<b>(G)</b>	<b>Maternity Operation Theatre</b>	
61	Set for LSCS	
62	D&C set	15
63	MTP set	4
64	High suction machine	4
65	Cervical exploration set	2
66	Uterine packing forceps	3
67	Abdominal hysterectomy set	4
68	Diagnostic laparoscopy set	2
69	Postpartum ligation	1
70	Outlet forceps	



71	Low mid cavity forceps/Keilland forceps	1
72	Vacuum Extractor and suction machine	2
73	Resuscitation tray	2
74	Infusion Pump	2
75	EB set	3
76	Laparocator for tubal ligation	1
77	Operation Theatre table, Operation Theatre lights, Central O2 and suction	As required
<b>(H)</b>	<b>Wards</b>	
78	Blood Pressure Apparatus (Digital/Electronic)	5
79	Weighing machine	2
80	Height scale	2
81	Speculum and retractors	50
82	Glucometer	2
83	Microscope	2
84	Suture removal sets	10
85	Dressing sets	10
86	Ultrasound	1
87	Cutdown sets	1
88	CTG machine	2
89	Suction machine	2
90	Resuscitation tray	3
91	X ray View box	1
92	Central O2 and suction	As required
<b>(I)</b>	<b>Special Equipment</b>	
93	Ultrasound machine with Doppler/Vaginal probe/facilities for Interventional procedure	1
94	Oxytocin infusion pumps	3
95	Multichannel Monitor with ECG, BP, HR, Pulse oximeter for high risk pregnant patients (eclampsia, heart diseases etc.)	4
96	Fetal Monitor for Antepartum Surveillance	3
97	Multimedia Projector with Screen	3



**DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL, JALGAON  
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**Department of Anesthesia: -**

**List of Equipment**

S.N	Name	Available
<b>(A)</b>	<b>OPD Anesthesia Clinic</b>	
1	Patient examination table	3
2	Blood Pressure Instrument (Non-invasive)	3
3	Height Measurement Scale	3
4	Weighing machine	3
<b>(B)</b>	<b>Operation Theatre</b>	
5	Anesthesia machine and accessories like laryngoscope, all size endotracheal tubes, nasal and oral airways, Magill's forceps.	One set for each operation table
6	Multipara monitor- with P, NIBP, ECG facility, SpO2	One set for each operation table
7	Electrical Suction apparatus	One set for each operation table
8	LMA / PLMA of all sizes	One set for each operation table
9	Spinal epidural set	One set for each operation table
10	EtCO2 monitor	One for 5 operation tables
11	Defibrillator	One for 5 operation tables
12	Mechanical ventilator Separate or with anesthesia machine	One for 5 operation tables
13	Fibre optic bronchoscope	1
14	USG machine (Desirable)	1
15	PNS (Desirable)	1
16	Resuscitation equipment (CPR)- Ambu bag with face mask	3 sets
17	a) Adult Manikin	3
18	b) Pediatric Manikin	3
19	Multimedia Projector with screen	2
20	Computer with Printer & Scanner	2
21	Photocopier	1
22	High definition TV	1
<b>(C)</b>	<b>Postoperative Recovery Room</b>	
23	Oxygen therapy unit	10
24	Blood Pressure Monitor (digital/Electronic)	10
25	Pulse oximeter	10
26	E.C.G. Monitor	10
27	Suction Machine	10





28	Provision for resuscitation equipment and CPR Algorithms	1
29	Airway crash cart	1
30	ABG machine (Optional)	1
31	Side lab for emergency investigations (Optional)	1
32	TOF monitor (PNS) (Optional)	1
<b>(D)</b>	<b>Pain Clinic</b>	
33	Radio frequency ablation machine	3
34	Fluoroscopy machine (e-ARM)(may be shared with other department)	2
35	Ultrasound machine	2
36	Patients controlled analgesia system (portable)	3
37	Styleted Epidural catheter	15
38	Rac's catheters	As required
39	Intrathecal infusion pumps	As required
40	Pain assessment chart	5
41	OT Table fluoroscopy compatible	3
42	Nerve locator	1
43	Computer	3
44	Anodyne Machine (Optional) (For diabetic foot care)	3
45	Transcutaneous Electric Nerve Stimulating Machine (optional)	3
46	Anesthetic machine with resuscitation equipment	3
47	Crash cart	3
48	Monitors for vital signs (NIBP, P.R, ECG, SPO2, Temperature, R.R)	3
49	Nerve stimulator	3
50	18 G epidural needle	5
51	Multimedia Projector with screen	1



**DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL, JALGAON  
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**Department of Radio-Diagnosis: -**

**List of Equipment**

S.N	Name	Available
(A)	<b>General</b>	
1	Conventional X-ray Unit for routine X ray 300 mA, 500mA, 800mA (with IITV) - 1 each	2 Each Total 6
2	CR system	3
3.	DR System	1
(B)	<b>Mobile X-ray units</b>	
3	a) 60 Ma	6
4	b) 100mA	3
5	Ultrasonography equipment and color Doppler (Additional unit independently for OBGY).	6
6	CT (16 slice).	1
7	Mammography (Preferably).	1
8	MRI (Preferably).	1
9	Multimedia Projector with Screen	1



**DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL, JALGAON  
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**Department of Radio-Diagnosis: -**

**List of Equipment**

<b>S.N</b>	<b>Name</b>	<b>Available</b>
1	Static X-ray units (Direct digital/CR)	As per annexures I-IV
2	Fluroscopy facilities	Available
3	Mobile X-ray units > 60mA	As per annexures I-IV
4	Ultrasonography equipment with color doppler	As per annexures I-IV
5	CT scan machine (> 16 slice)	1
6	MRI (desirable for annual intake of 150 or less; mandatory for annual intakes of 200 and above)	1



**DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL, JALGAON  
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**Department of Emergency Medicine: -**

**List of Equipment**

S.N	Name	Available
1	ICU beds (should have facilities for propping up the patient along with railings and wheels)	6
2	Emergency trolley-cum-beds (Should have facilities for propping up the patient along with railings and wheels)	24
3	Central oxygen and suction points	All beds/bed-cum trolleys
4	Cardiac monitors (with EtCO <sub>2</sub> facility) with appropriate accessories for all age groups- including neonates, infants, children, adolescents and adults	For all ICU and "Red" beds
5	Cardiac monitors (for NIBP, Oxygen saturation and heart rate): (atleast 2 should have additional pulse oximeter probes and Blood pressure cuffs for neonates, infants, children and adolescents)	For all "Yellow" beds
6	Pulse oximeter with probes for all age groups including neonates, infants, children and adolescents	2
7	Defibrillator with external pacer (with additional attachments/ paddles for pediatric age group)	One for ICU and one for "Red" area
8	ECG machine (12 lead)	2
9	ICU ventilators (should be universal ventilators with facility to ventilate neonates and children also)	For each ICU and "Red" area beds
10	Transport ventilators (with facility of deliver tidal volume as low as 50 mL and have pressure control mode)	2
11	HHHFNC (heated humidified high-flow nasal cannula) with circuits and interfaces for all age groups (neonates, infants, children, adolescents and adults)	2
12	Trolleys/Fowler beds	As per total number of beds/trolleys plus additional trolleys for receiving patients (10% of total patient attendance in Emergency Medicine)
13	Infusion pumps	2 per ICU bed and "Red"



		beds; one per "Yellow" bed
14	Portable ultrasound with multiple probes including ECHO probe (including probes for pediatric/ infant evaluation)	2
15	Portable X-ray unit	1
16	Resuscitation cart	One for ICU and one for the "Red" area
17	Artificial self-inflating breathing bag	Four sets(adult, pediatric, infant and neonatal) with Face masks – Of all sizes
18	Laryngoscope with all sized blades(straight and curved) including sizes for neonates, infants and children	Four sets
19	Point-of-care laboratory for quantitative estimation of cardiac enzymes, ABG and electrolytes	Atleast one
20	Oxygen cylinders	4
21	Portable suction machines	4
22	Ultrasonic nebulizers	4
23	Spine boards with slings and scotch tape of all sizes	2
24	Splints for all types of fractures	As required
25	Basic equipment for suturing and wound care	As required
26	Glucometer	2
27	ACLS, BLS and Airways mannequins (child and adult)	01 each
28	Suturing mannequin	1
29	Infant radiant warmer with bassinet	2
30	Blood and Fluid warmer	1
31	Electric Warming blanket	1
32	Rapid autoclave machine	1
33	Labor cot	1



**DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL, JALGAON  
K.H.**

**Department of Central Casualty: -**

**List of Equipment**

S.N	Name	Available
	There shall be a Central Casualty department wherein consultancy services shall be provided by the faculty of relevant Departments. And relevant investigation facilities to be run in liaison with central laboratory.	
1	Casualty resuscitation room should have central piped Oxygen supply & suction on every bed.	As required
2	Ventilators, Multipara monitors, ECG machines, Nebulizers.	4 each
3	Fully equipped disaster trolleys (emergency trolleys).	4
4	Emergency X-ray (Fixed 300/500mA & Mobile 100mA )	1 each
5	Sonography machine/s in the casualty	2
6	Plaster room	1
	<b>Operation theatre shall be provided. These shall be equipped for emergency operative treatment and include the following:</b>	
7	Operation Theatre Table	1
8	Operation Theatre Ceiling light	1
9	Pedestal lights	2
10	Electro-surgical cautery unit	2
11	Suction	2
12	Pulse oximeter	2
13	Anesthesia Equipment	1 set
14	Resuscitation kit	1
15	Assorted surgical instrument sets	5
16	Autoclave	1
17	OT should have resuscitation equipment like Anesthesia machine and accessories like laryngoscope, all size endotracheal tubes, nasal and oral airways, Magill's forceps, Mechanical ventilator Separate or with anesthesia machine, LMA / PLMA of all sizes, Electrical suction apparatus	
	<b>Required equipment on Each Emergency Trolley</b>	
(A)	<b>Airway:</b>	
18	Pocket mask with oxygen port	As required
19	Digital Blood Pressure apparatus	As required
20	Ambu bag and tubing (ideally, the resuscitation bag should be single use – if not, it should be equipped with a suitable filter)	As required
21	Clear face masks, sizes 3, 4 and 5	As required
22	Oropharyngeal airways, sizes 2, 3 and 4	As required
23	Nasopharyngeal airways, sizes 6 and 7	As required



24	Portable suction equipment	As required
25	Yankauer suckers	As required
26	Tracheal suction catheters, sizes 12 and 14	As required
27	Laryngeal mask airways (sizes 4 and 5), or ProSeal LMAs (sizes 4 and 5)	As required
28	Magill forceps	As required
29	Tracheal tubes – oral, cuffed, sizes 6, 7 and 8	As required
30	Gum elastic bougie or equivalent device	As required
31	Lubricating jelly	As required
32	Laryngoscope handles (x 2) and blades (standard and long blades)	As required
33	Spare batteries for laryngoscope and spare bulbs (if applicable)	As required
34	Fixation for tracheal tube (such as ribbon gauze or tape)	As required
35	Scissors	As required
36	Selection of syringes	As required
37	Oxygen mask with reservoir (non-rebreathing) bag	As required
38	Oxygen cylinders	As required
39	Oxygen cylinder key.	As required
<b>(B)</b>	<b>Circulation:</b>	As required
40	Defibrillator	As required
41	ECG electrodes	As required
42	Defibrillation gel pads or self-adhesive defibrillator pads (preferred)	As required
43	Selection of intravenous cannulae	As required
44	Selection of syringes and needles	As required
45	Cannula fixing dressings and tapes	As required
46	Seldinger central venous catheter kit	As required
47	Intravenous volumetric infusion sets	As required
48	0.9% sodium chloride - 1000 mL x 2	As required
49	Arterial blood gas syringes	As required
50	Tourniquet.	As required
<b>(C)</b>	<b>Drugs:</b>	As required
51	Immediately available pre-filled syringes:	As required
52	Adrenaline (epinephrine) 1 mg (1:10,000) x 4	As required
53	Atropine 3 mg x 1.	As required
54	Hydrocortisone 100mg x 1	As required
<b>(D)</b>	<b>Other readily available drugs: Intravenous medications:</b>	As required
55	Adenosine 6 mg x 10	As required
56	Adrenaline 1 mg (1:10 000) x 4	As required
57	Adrenaline 1 mg (1:1 000) x 2	As required
58	Amiodarone 300 mg x 1	As required
59	Calcium chloride 10 mL of 100mg per mL. x 1	As required
60	Chlorphenamine 10 mg x 2	As required
61	Furosemide 50 mg x 2	As required
62	Glucose 10% 500 mL. x 1	As required



63	Lidocaine 100 mg x 1	As required
64	Magnesium sulphate 50% solution 2 g (4 mL) x 1	As required
65	Midazolam 10 mg x 1	As required
66	Normal saline 10 ml ampoules	As required
67	Potassium chloride for injection	As required
68	Sodium bicarbonate 8.4% - 50 mL x 1.	As required
69	Other life saving drugs as required.	As required
(E)	<b>Additional items:</b> Gloves, goggles and aprons, sharps container, clinical waste bags, large scissors, alcohol wipes, blood sample specimen bottles.	As required





**DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL, JALGAON  
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**Department of Medical Education Unit: -**

**List of Equipment**

S.N	Name	Available
1	Multimedia Projector	1
2	Projection Screen	1
3	Computer with printer and scanner	2
4	Video Camera	1
5	Television	1
6	Blackboard	2
7	Photocopier	1
8	Flip Charts with accessories	2
9	Soft Board	2
10	White Board with accessories	2
11	Laptop	1
12	Dedicated Internet facility	
13	Public Address system with wireless collar and hand microphones	1
14	Cupboards and display cabinets for books	As required
15	Books and Journals	As required



**DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL, JALGAON  
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**Department of Audio-Visual Aids: -**

**List of Equipment**

S.N	Name	Available
<b>(A)</b>	<b>ARTIST SECTION</b>	
1	Drawing Board (Big)	1
2	Drawing Board(Small)	1
3	Drawing instrument Box	1 set
4	Plastic Transparent Set square 10"	1 pair
5	Plastic Scale transparent 18"	1
6	Parallel ruler 18"	1
7	Proportional Compass.	1
8	Bowpen one for fine and one for thick line.	2
9	"T" scale 24" wooden	1
10	"T" scale 48" wooden	1
11	Frenet curves Plastic 1 set of 12	1 set
12	Protractor Plastic Semiround 6" dia.	1
13	Drawing paper various sizes	24
14	Drawing paper	12
15	Water colour tubes	1 set
16	Poster colours in different shades.	1 set
17	Reeves Indian Black ink.	12
18	Sable hair brushes	1 set
19	Calligraphy and lettering nibs	1 set
20	Clip holders.	6
21	Computer, printer, photocopier and scanner	1
<b>(B)</b>	<b>MODELLING SECTIONS AND PHOTOGRAPHY</b>	
22	Modeling Instrument box.	1
23	Saw for wood work.	1
24	Bandsaw	1
25	Plier	1
26	Plier Goldsmith.	1
27	Scissors ordinary	1
28	Scissors Goldsmith	1
29	Hammer	1
30	Mortar Iron.	1
31	Bucket Iron.	1
32	Chisel.	1
33	Drilling machine	1
34	Modelling clay	As required
35	Clay of different types	As required



36	Drawing Board with Stand	1
37	Soft stone powder.	As required
38	Plaster of Paris	As required
39	Gum.	As required
40	Sand paper	As required
41	Plasticine	As required
42	Wires G.I. copper and wire netting.	As required
43	Synthetic Enamel colours	As required
44	Oil colour brushes.	As required
45	Projection Screen	1
46	Digital SLR Camera (Latest Model )	1
47	Video Camera (Latest Model )	1
48	Microprojector Dark room & developing equipment	1 set



**GODAVARI FOUNDATION'S**  
**DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL**  
**RADIOLOGY DEPARTMENT MACHINERIES**

SR No	MODEL	TOTAL
01	800 MA.	02
02	600 MA.	02
03	300 MA.	02
04	100 MA.	05
05	60 MA.	06
06	50 MA.	01
07	3085.	01
08	MEMMOGRAPHY.	01
09	DIGITAL DEVELOPERS & PRINTER.	01
10	(X- RAY - MACHINE 20 +1 DEV.) GRAND TOTAL	21



**GODAVARI FOUNDATION'S  
DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL  
RADIOLOGY DEPARTMENT MACHINERIES**

SR.NO	MODEL	COMPANY NAME	LOCATION	FUNCTIONAL SATUS
01	SIMENS 800 MA	SIEMENS BIOCARE MEDICAL SYSTEME NASHIK	OLD CASU	WORKING
02	VISION 800 MA	VISION MEDICATED EQUIPMENT PVT. LTD.	RADOLOGY	WORKING
03	GEM 600 MA WITH HBT	GENREAL MEDICAL EQUIPMENT SIDCUL PVT. LTD. UTTARAKHAND	OLD CASU	WORKING
04	GEM 600 MA WITH MULTIPOSITION TABLE	GENREAL MEDICAL EQUIPMENT. NOIDA	RADOLOGY	WORKING
05	GE 300 MA DX 300	MEDIRAYS CORPORATION THANE	OLD CASU	WORKING
06	SIMENS 300 MAX – RAY WITH FLUOROSCOPY	SIEMENS BIOCARE MEDICAL SYSTEME NASHIK	RADOLOGY	WORKING
07	100 MA ALLANS (PORTABLE)	ALLANSMEDICAL SYSTEME PVT. LTD.	SICU	WORKING
08	100 MA VISION (PORTABLE)	VISION MEDICATED EQUIPMENT PVT. LTD.	MICU	WORKING
09	100 MA VISION (PORTABLE)	VISION MEDICATED EQUIPMENT PVT. LTD.	CVTS	WORKING
10	100 MA VISION (PORTABLE)	VISION MEDICATED EQUIPMENT PVT. LTD.	ORTHO WARD	WORKING
11	100 MA VISION (PORTABLE)	VISION MEDICATED EQUIPMENT PVT. LTD.	RADOLOGY	WORKING
12	GEM 60 MA( PORTABLE)	GENREAL MEDICAL EQUIPMENT SIDCUL PVT. LTD. UTTARAKHAND	MICU	WORKING
13	GEM 60 MA PORTABLE	GENREAL MEDICAL EQUIPMENT SIDCUL PVT. LTD. UTTARAKHAND	MICU	WORKING
14	GEM 60 MA PORTABLE	GENREAL MEDICAL EQUIPMENT SIDCUL PVT. LTD. UTTARAKHAND	NICU	WORKING
15	MEDITRONIC 60 MA X RAY ( ) PORTABLE )	MEDICO IMAGING SERVICES , NASHIK	TB CHEST	WORKING
16	GEM 60 MA ( ) PORTABLE )	GENREAL MEDICAL EQUIPMENT. NOIDA	NEW CACU	WORKING
17	GEM 60 MA WITH HBT (PORTABLE )	GENREAL MEDICAL EQUIPMENT SIDCUL PVT. LTD. UTTARAKHAND	BAMNOD	WORKING



18	50 MA ALLANS (PORTABLE)	ALLANSMEDICAL SYSTEM PVT. LTD.	OT	WORKING
19	30.85 MA ALLANS (PORTABLE)	ALLANSMEDICAL SYSTEM PVT. LTD.	MICU	WORKING
20	GE DME	BASE DUEL SLICE MEMMOGRAPHY	RADOLOGY	WORKING
21	DIGITAL DEVELOPWER & PRINTER	FUJJI & CAPSULA	X - RAY CONSOLE	WORKING



**GODAVARI FOUNDATION'S  
DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL  
RADIOLOGY DEPARTMENT  
ULTRASONOGRAPHY MACHINERIES**

SR. NO	MACHINE NAME	MODEL NO	COMPANY NAME	FUNCTIONAL STATUS/LOCATION
1	DIGITAL ULTRASONIC DIAGNOSTIC IMAGING SYSTEM DC-7	DC-7 MX-26003712	MINDRAY	WORKING RADIOLOGY DEPARTMENT
2	DIGITAL ULTRASONIC DIAGNOSTIC IMAGING SYSTEM DC-7	DC-7 MX-57007090	MINDRAY	WORKING RADIOLOGY DEPARTMENT
3	PHILIPS HD 11XE HIGH DEFICATION COLOUR DOPPER 2D ECHO USN 1170021	PHILIPS PVT LTD	PHILIPS PVT LTD	WORKING RADIOLOGY DEPARTMENT
4	NETWORK NEBULA	NETWORK NEBULA 202.5	NET WORK LTD	WORKING LABOUR ROOM
5	MEDISONS CO LTD SONOACE -3200	SA- 3200 SR NO. EE-90802619	MEDISIONS CO LTD	WORKING MAJOR OT
6	DIGITAL ULTRASONIC DIAGNOSTIC IMAGING SYSTEM DC-7	DC-7 MX-23003225	MINDRAY	WORKING CATH LAB
7	COLOUR DOPPLER SIMENS ACUSION	ACUSION 128XP10	SICMENS	NOT WORKING OLD CASUALTY



  
Dean  
Dr. Ulhas Patil Medical College  
& Hospital, Jalgaon Kh.