

PART - I

**EDUCATIONAL (SHORT
TERM)**

ANAESTHESIOLOGY & CRITICAL CARE

Sr.No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Fellowship in Paediatric Anaesthesia Fellowship in Cardiac Anaesthesia DM Paediatric Anaesthesia PDCC Critical Care		Developing trained Anaesthesiologists in various subspecialties	Salaries of senior residents	None
2	B.Sc. Course in Anaesthesia and Operation Theatre Technology		Developing trained technicians	Salaries of interns during internship	

DENTISTRY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Paramedical /Paradental Courses				-
	Diploma in Dental Chair side Assistance.	To start in 2026	Two Year Program	04 intake per year	-
	Diploma in Dental Hygiene	To start in 2026	Two Year Program	02 intake per year	-

ENDOCRINOLOGY AND METABOLISM

Sr.No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Starting DM program	Completed Level 3 of the process	---	----	----
2	Bone Mineral Density	NOA came and site readiness certificate has been issued	DXA Scan	DPR equipment	Room allotted in the Dept. of Radiology
3	Technician	To recruit	For DXA Scan	Salary as per protocol of Radiology technician	-----

ENT

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Fellowship in Head and Neck Oncology, Rhinology, Otology	Academic post graduate fellowship course	Head and Neck Surgery Unit, Clinical Trials, Tumor Board, Endoscopic and Minimally Invasive head & Neck Surgery, Skull base surgery	5,00,000 Rs Per year	4 Examination rooms (approx. size of 15'x15') for fellow students. 20 Bedded Male and Female ward, Seminar room (Seating capacity of 30-50), Dedicated OT (No.2)
2	Bachelor and Master course in Audiology Speech Language Pathology	Academic graduate Course with complete faculty in Audiology and Speech Language Pathology	Audiology department with state of the Art diagnostic and rehabilitative facilities Auditory-verbal therapy for children		2 Examination rooms (approx. size of 15'x15') for Graduate and Post graduate students

BIOCHEMISTRY

Sr.No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	To adopt a need-based curriculum with problem-oriented learning, integrated teaching, team learning and other innovative teaching learning modalities and assessment strategies for the medical and paramedical learners	<p>1.Implementing of modern principles of Medical Education and Technology to impart basic and advanced principles of Biochemistry to 1st year MBBS students</p> <p>2.Implementing well planned horizontal and vertical integration with other departments to optimize teaching methods and connect biochemistry with clinical subjects, enhancing student understanding of its clinical relevance.</p> <p>3.Incorporate innovative measures Viz. problem-based learning, case-based learning, Small group teaching, Early clinical exposure and hands-on laboratory sessions to foster critical thinking and practical skills.</p> <p>4.Update the PG training programme to facilitate learning of applications of principles of Biochemistry in clinical aspect.</p> <p>5.Develop initiatives to support students academically, including tutoring, peer mentoring, and workshops on complex topics.</p> <p>6.Encouraging both undergraduate and post graduate students to participate in research projects and scientific discussions.</p> <p>7.Organizing events like UG and PG Quiz, seminar, symposia, workshops to assist in peer learning and exposure to experts in the field. Faculty Development:</p> <p>8.Encourage and support faculty participation in workshops, conferences, and continuing education programs to stay current in the field.9.Promote collaborative teaching and mentorship programs to enhance faculty-student engagement.</p>	<p>1. No. of Innovative learning sessions conducted in academic years</p> <p>2. No. of Vertical and horizontal integration sessions conducted in annual year</p> <p>3. No of research projects submitted by UG and PG students.</p> <p>4. No of Quiz, seminars, symposia, conferences and hands-on workshop conducted by department in financial year</p> <p>5. No. of workshops, conferences attended by faculty.</p> <p>6. No. of publications, presentations in conference by students and faculty.</p>	Included in B.4	Included in B.4

CARDIOLOGY

Sr .No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Echo certificate course	Candidates will be selected based on appropriate exam	To produce echo trained professionals	2 lakhs per candidate/year	NIL
2	BSc in paramedical technology	Candidates will be selected based on appropriate exam	To produce trained cath lab and echo technicians	2 lakhs per candidate/year	NIL
3	Post-doctoral fellowship (PDF) course in adult cardiology and intervention	1 year program after dm cardiology. The program involves hands-on training in all diagnostic aspects of adult cardiac care as well as interventional cardiac catheterizations	For students who have finished DM/DNB cardiology course. For education. It will also increase the manpower	15 lakhs per candidate/year	

BURNS AND PLASTIC SURGERY

Sr .No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Educational courses MCh Burns and Plastic surgery 6 yrs MCH course	Develop a robust curriculum that covers various aspects of plastic surgery and related specialities. Training MBBS students in Burns and Plastic surgery Offers hands on experience and mentorship.	Contribute to improved health outcomes for Burns and Plastic surgery patients	Salary as per GOVT rules.	
2.	Fellowship in hand microvascular and brachial plexus surgeries for post MCH (senior residents) 1 to 2 years course	Develop a robust curriculum that covers various aspects of Hand , microvascular and brachial plexus surgeries. Training MCH Burns and plastic surgery Senior residents in Hand Microvascular and Brachial plexus surgery. Offers hands on experience and mentorships.	Contribute to train more numbers of burns and plastic surgeons in hand microvascular and brachial plexus injury treatment .		
3.	Fellowship in head and Neck reconstruction for Post Mch (senior residents) 1 to 2 years course	Develop a robust curriculum that covers various aspects of Head and neck reconstruction .Training post Mch burns and plastic surgeons in various aspects of Head and neck reconstruction in Burns and plastic surgery. Offers hands on experience and mentorship.	Contribute and train more numbers of post MCh SRs of burns and plastic surgery in head and neck reconstruction		
4	Cerificate course as a dresser one year duration	To develop robust curriculum to train dressers in doing various dressing in burns and plastic surgery	Contribute and train more numbers of Paramedical people asa dresser in burns and plastic surgery so that good patient care possible in large number of patients		
5.	Certificate course as aOT technician in burns and plastic surgery (1 year duration).	To develope robust curriculum to train students for assisting in Burns and plastic surgery OT	To train more number of students to assist in burns and plastic surgery OT.		

Orthopaedics

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1.	Fellowship in Arthroplasty	Approval of concerned Authorities	Output of fellowship trained surgeons	Stipend of SR	NA
2	Fellowship Arthroscopy	Approval of concerned Authorities	Output of fellowship trained surgeons	Stipend of SR	NA
3	Fellowship Pediatric Orthopedics	Approval of concerned Authorities	Output of fellowship trained surgeons	Stipend of SR	NA

COMMUNITY MEDICINE

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Community Field Action Program for undergraduates	At present family health posting is ongoing for undergraduates – The number of visits need to be increased along with the following activities Increase in number of visits – monthly to twice a month during final year part II. Action research on a given topic in the community Medical camp during every visit with objective of screening for Diabetes, Hypertension and anemia and treatment for common ailments.	Community orientation of undergraduate students Student training on family follow-up and patient care for common ailments Community based research training Door-step health care services for families in the community Awareness generation activity within the community The research undertaken can generate actionable Data for the local health system	Medical Social Worker for liaising and family follow-up activities (Manpower) Equipment, Glucometer Hemoglobinometer, BP apparatus, Drugs and consumables, every visit (as listed in Annexure II)	
2	MPH	Course curriculum is prepared and submitted to SAC for approval. The intake shall be 10 students per annum initially. The students will be admitted based on an entrance test conducted by the institute. The course will be of 2-year duration with specialization in the second year. The students will undertake a dissertation in their 2 nd year on a relevant topic. Assessment will be done by summative assessment at the end of each year.			
3	Postgraduate certificate course in Inf. Dis Modelling	Course curriculum is approved by the SAC. The course will be of 3 month duration for program managers and researchers in the field of Infectious disease epidemiology. The annual intake is 25 per batch.			

DERMATOLOGY, VENEREOLOGY AND LEPROLOGY

Sr.No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Increase in number of MD seat	02 per session	-	-	-

FORENSIC MEDICINE & TOXICOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	MD (PG)	Academic program	2 seats/6 months	As decided by Dean (Acad)	As decided by Dean (Acad)
2	PhD	Academic program	1 seat/6 months	As decided by Dean (Acad)	As decided by Dean (Acad)

GENERAL SURGERY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	MCh Program in Minimal Access Surgery	<ul style="list-style-type: none"> • Curriculum designing • Approval of Academic Committee • Procurement of necessary equipment 	Equitable availability of training / skills for all Institutions	Rs. 18 lakh / year	
2	Fellowship Programs in GI Endoscopy			Fee: Rs. 2 lakhs Stipend: Rs. 30,000/-	
3	Certificate course in Diabetic Foot			Fee: Rs. 1 lakh	
4	Certificate course in Proctology				
5	Certificate course in Stoma Care				
6	PhD Program	Identification of thrust areas	Career enhancement opportunity	----	

HOSPITAL ADMINISTRATION

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Start MD Hospital Administration program	Develop curriculum, acquire approvals, and recruit faculty	Launch of MD program	-	-
2	Certificate course for Medical Record Technicians	Develop course structure, acquire approvals, and initiate batches	Certification for Medical Record Technicians	-	-
3	Expand current collaboration with IIM Nagpur to start MBA In Healthcare Management	Strengthen partnership, introduce new modules	Enhanced curriculum for the Advanced Health Care Management program	-	-

NEPHROLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Certificate course in Critical Care Dialysis and Peritoneal Dialysis	Selection through Qualifying Exam. Eligibility: Certificate course/Diploma in dialysis technology/ Bachelor's degree in Dialysis Technology Duration: 1 year	Provide hands on training and teaching in performing critical care dialysis (SLED and CRRT) and peritoneal dialysis (Acute PD and CAPD/APD). It would facilitate the Critical care Dialysis and Peritoneal Dialysis programs of AIIMS Nagpur significantly.	Intake: 10 per year Admission charge: 25,000 / year No Stipend.	None

NEONATOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Neonatal Advanced Nursing Course	Through one year posting in all areas of NICU and birthing areas and pre-structured curriculum	To offer training in advanced neonatal intensive care nursing practices for nurses	Stipend to the Nursing office as per Govt. rule	None
2.	Lactation Counselor course	1 year training program in lactation management as per pre structured curriculum	To offer training in lactation management of mothers and neonates	Stipend to the Nursing office as per Govt. rule	None

OPHTHALMOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Short term (3 months): Medical retina Observership or PDCC	Non-stipendary OR Feebased • Curriculum and Log Book: • Teaching of: Fundus fluorescein Angiography, OCT, B scan, Lasers and intravitreal	• Certificate given • 1 seat /quarter	Revenue/ Man-power shall be generated	Nil
2	ROP (3 months): screening and management	Non-stipendary OR Feebased • Curriculum and Log Book: • Teaching of: ROP screening, Injections and managemen	• Certificate given • 1 seat /quarter	Retcam needs to be procured by neonatology department	

NEUROLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Certificate courses	Recruitment of students for training in Neuro-electrophysiology	Education and learning of students	Institute will be able to generate fees through the course Increased manpower in the department	2 OPD rooms (already functional)

NEUROSURGERY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Educational Courses M.Ch. neurosurgery :6 years course	Develop a robust curriculum that covers various aspects of neurosurgery and related specialties. Training the MBBS students in neurosurgery Offer hands-on experience and mentorship	Increase the number of trained neurosurgeons. Contribute to improved health outcomes for neurological patients.	Stipend to the students as per Govt. rules	None

NUCLEAR MEDICINE

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Educational courses - MSc Nuclear medicine technology: 2 yrs	<ul style="list-style-type: none"> Develop robust curriculum that covers various aspects of nuclear medicine imaging and therapy needs. Offer experience and mentorship 	<ul style="list-style-type: none"> Increase the number of trained medical physicists. Contribute to improved outcome for nuclear medicine services 	Salary as per Govt rules.	None

OBSTETRICS AND GYNECOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Post doctoral Fellowship courses PhD	Fellowship in : 1. Maternal fetal Medicine, 2. Obstetrical Critical Care 3. Gynecological Oncology 4. Urogynecology 5. Minimally Invasive Gynecological surgery 6. IVF Curriculum for intensive training in various sub specialties of obstetrics and gynecology	Contribute to improved and specialized services in respective specialties	Fellowship courses in lieu of senior resident' posts (6 per year)	Nil

COLLEGE OF NURSING

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	BSc Honours Nursing 70 seats	a. Dynamic curriculum with robust theoretical courses b. Eclectic teaching methods and tools c. Exhaustive clinical rotations, clinical learning activities and skill lab training d. Community outreach programmes (rural & urban), awareness programmes, family visits and support, health camps and exhibitions, school health activities e. Projects and internship f. Mentorship and extracurricular programmes for students	1. Competent and compassionate nursing professionals 2. Comprehensive curriculum 3. Comprehensive clinical training 4. Simulation training 5. Community outreach for health promotion and family support 6. Student support	BSc regular stipend – ₹ 9, 12,000 Internship – ₹ 31, 56,000	Nil
2	MSc Nursing 10 seats			MSc stipend – ₹ 18, 00,000 from AY 2025-26	
3	Post Basic Diploma Residency program 25 seats (5x5)			Proposed PB Diploma stipend with hostel (ref. SCTIMST) – ₹ 43, 20,000	
4	PhD in Nursing 3 seats			Nil	
5	Short courses 4/year	MoHFW funded – Refresher courses with clear objectives, evidence-based practice guidance, competence training with pre-post assessment	Meeting the training needs of the nurses belonging to the Institute and the region	Nil	Nil
6	Induction training	Orientation programme for newly joined NOs emphasizing on professional practice, competence training with pre-post assessment	Motivated nursing officers ready to work in line with the mission and vision of the Institute	Nil	Nil

MICROBIOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	PDCC course on Infectious Diseases (2 candidates / year)	After approval: Entrance Examination for selection of candidate Formative and summative assessment (Theory, Practical)	Start of yearly post-doctoral certificate course for post MD candidates	Level 11 (Approx 16 lakhs/ annum/ student)	No
2	PDCC course on Hospital Infection Control (2 candidates / year)	After approval: Entrance Examination for selection of candidate Formative and summative assessment (Theory, Practical)	Start of yearly post-doctoral certificate course for post MD candidates	Level 11 (Approx 16 lakhs/ annum/ student)	No

PATHOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	DM courses	Approval by Board of studies			
2	DM Hematopathology	Approval by Board of studies Submitted proposal	Quality hematopathology services , education and reserch	Salaries for 2 DM candidates per year	Nil
3	Fellowship				
A	Cytopathology	Approval in Board of studies	Capacity building with specialized training	Nil	Nil
B	Nephropathology				
C	Flowcytometry				
4	Paramedical Courses				
A	Certificate course in Phlebotomy		Trained support staff	Nil	Nil
B	Kiosks with question banks at lecture hall for UG	Purchase through academics by e-tender Uploading question banks	Learning for competitive exam	Approx 10 lac	Nil
5	Postdoctoral certificate course (1 year) in Dermatopathology)	Application to Indian College of pathologist (ICP) for commencement of PDCC course Obtain certificates from ICP for PDCC course Advertisement for recruitment of candidate(s) for One-year PDCC course Hands on training of candidates under the guidance of Senior faculty Conduct of exit examination	Trained pathologist in the subspeciality of Dermatopathology	One time inspection cost-Rs/-10,000. Salary/Stipend of Senior Resident as per Institute regulations for 1 year	Nil

MEDICAL GASTROENTEROLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	To start DM Programme	As per eligibility rules of the insitute	PG students	Approx 15 lakh per year/candidate	Department
2	Certificate courses	As per eligibility rules of the insitute	Endoscopy Technician	None	Endoscopy room, Department

PEDIATRICS

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Post Doctoral Fellowship in Pediatric Emergency Medicine	2 year Course	1. Capacity building of human resources to run efficient and high quality Pediatric Emergency Medicine services	As per the institute policy for fellows	4 beds in Emergency Department
2	Fellowship in Pediatric Critical Care Nursing	1 year Course	1. Skilled nurses for catering to critically ill children	As per the institute policy for fellows	None
3	Post Doctoral Fellowship in Pediatric Infectious Diseases	2 year Course	1. Capacity building of human resources for quality management of Pediatric Infectious diseases	As per the institute policy for fellows	None
4	IAP Fellowship in Ped. Pulmonology(short term plan)	1-2 yr course	Taught course with compulsory Residency		
5	Fellowship course in Developmental Pediatrics	1 year course with structured curriculum, log book and compulsory research and examination.	Comprehensive knowledge and skills to become leaders in the field of developmental-behavioural Pediatrics.	None	None
6	IAP Fellowship in Pediatric rheumatology	1-2 yr course	Taught course with compulsory Residency		
7	DM Pediatric neurology	3 year course	Taught course with compulsory residency		
8	ISPGHAN Fellowship in Pediatric GI and Hepatology	2 yr course	Taught course with compulsory Residency		

PHARMACOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Competency-based postgraduate Medical Education	Review the feasible competencies as per NMC guidelines and modify the curriculum, and get it approved in the BOS. Train the manpower and start implementing from fresh batch	A competent and skilled PGs will be produced, which will be absorbed easily in the industry and academia	Fees: 3000 Stipend:	NA
2	Start DM clinical pharmacology course	Curriculum of DM will be framed and get vetted from the experts in the field. Get the approval from BOS	A competent clinical pharmacologist, who can easily be employed in Industry and CRO	Fees:5000 Stipend: As per norms	NA
3	Centre of excellence in GCP training...	Standardize the module Train the resource faculty	Capacity building of human resource on clinical research and ethics	5-10 lakh	500 Sq. ft
4	Certificate course in clinical research	Curriculum will be framed and get vetted from the experts in the field. Get the approval from BOS	Capacity building of human resource on clinical research	Fees:2000 No stipend	Available

PEDIATRIC SURGERY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Educational Courses M.Ch. Pediatric surgery: 6 years course	Develop a robust curriculum that covers various aspects of pediatric surgery and related specialties. Training the MBBS students in pediatric surgery Offer hands-on experience and mentorship	Increase the number of trained pediatric surgeons. Contribute to improved health outcomes for pediatric patients under the maternal and child health program.	Salary to the students as per Govt. rules	None

PHYSIOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	B.Sc. Neurophysiology	Identify the resource faculties and departments Define Course Objectives & Learning Outcomes Formulate curriculum Get approval from higher authorities Implement Monitoring and Evaluation Accreditation and Certification	Develop the undergraduate course Trained undergraduates in Neurophysiology	Salary for Additional 2 numbers of Neurotechnicians	Nil
2	Lifestyle Medicine Certification Course (LMCC)	Introduce Six-month Online Course Six-month Online Course with One Contact Session with Formative and Summative Assessment	Competent Physicians in Lifestyle Medicine Initiation of LM Clinics at Other Institutes	Revenue generation by charging a course fee of INR 25,000/- Per candidate used for the conduct of the course	Nil

RADIODIAGNOSIS

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Post graduate Diploma course (PDCC) in cross sectional imaging	Selection of candidates through MCQ based test.	To enhance skill of new Radiologists	Income- through fees as decided by institute Expenses – Monthly Stipend for one year as decided by institute	-
2	Diploma in Medical Radiography and Imaging Technology	Selection of candidates through MCQ based examination.	To teach various techniques of Radiology to HSSC passed students.	Income- through fees. Expenses – administrative expenses for conducting the course.	-
3	Certificate course in fetal medicine & fetal echocardiography	Selection of candidates through advertisement and educational eligibility.	To enhance skill of new radiologists in fetal medicine & interventions.	Income- through fees. Expenses – administrative expenses for conducting the course.	-

PHYSICAL MEDICINE AND REHABILITATION

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Fellowship in Neurorehabilitation	The course is ongoing in NIMHANS, Bangalore. The proposal will be submitted through Dean academics for approval. One Senior resident post will be created/ Converted from the existing post	Joining of 2 nd Assistant professor	1 Post of Senior resident (Salary head funds for one year)	Nil

PSYCHIATRY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Fellowship consultation-liaison in psychiatry	The curriculum will be submitted to the board of studies	One seat per semester	Salary of the fellow equivalent to SR for 2 students per year	Nil

PULMONARY MEDICINE

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	a. After 1.5 years will be eligible to take PG students b. Plan to start certification course of bronchoscopy assistant in next 6 months		As per eligibility rules of institute	PG Students Fee as per institute policy	NA

RADIATION ONCOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	MD (2 students/yr)	NEET PG	Post MBBS	Fees and stipend as per AIIMS rules	NIL
2	BSc RTT (5 students/yr)	NEET	Post 10+2	Fees and stipend during internship as per AIIMS rules	2000 Sq Ft
3	Medical physicist internship program	Personal interview	Education and service	18000 INR/month	NIL

RESEARCH CELL

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Annual three days training in research methodology for faculty	A three-day training in research methodology will be conducted annually for capacity building of faculty at AIIMS Nagpur. The training will give an overview on epidemiology, biostatistics and research methods.	Number of faculty trained	Rs.75000/- annually	

SKILLS LAB

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1.	Advanced Skill lab with courses at AIIMS Nagpur- Various task trainer, Human patient Simulator, Comprehensive Examination cardiovascular Simulator, Comprehensive Examination chest & lung Simulator, Wireless Pediatrics Simulator, Full body pregnancy Simulator, Difficult Airway Simulator for UG, PG, Faculty and practitioners and others skills as identified by BOS members	<ul style="list-style-type: none"> • Identification of Basic clinical skills of all specialties by expert, • Develop modules • Use available mannekins effectively 	Equitable availability of training facilities/skills at AIIMS Nagpur	15 Cr Fees to be collected from participates from various courses	6 th floor, Medical college Building, AIIMS Nagpur

HOSPITAL ADMINISTRATION

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Start MD Hospital Administration program	Develop curriculum, acquire approvals, and recruit faculty	Launch of MD program	-	-
2	Certificate course for Medical Record Technicians	Develop course structure, acquire approvals, and initiate batches	Certification for Medical Record Technicians	-	-
3	Expand current collaboration with IIM Nagpur to start MBA In Healthcare Management	Strengthen partnership, introduce new modules	Enhanced curriculum for the Advanced Health Care Management program	-	-

SURGICAL GASTROENTEROLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Educational Courses M.Ch. Surgical Gastroenterology: 3 years course – increase the number of seats	<ul style="list-style-type: none"> Develop a robust curriculum that covers various aspects of surgical gastroenterology and related specialties Training the surgery residents in surgical gastroenterology Offer hands-on experience and mentorship Selection through qualifying exam 	<ul style="list-style-type: none"> Increase the number of trained GI surgeons Contribute to improved health outcomes for complicated cases including GI cancers and liver transplant 	Stipend to the students as per Govt. rules	None

UROLOGY AND RENAL TRANSPLANT

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Education Courses M.Ch. Urology: 3 years course	<ul style="list-style-type: none"> Develop a robust curriculum that covers various aspects of urology and related specialties. Training the MS students in Urology. Offer hands-on experience and mentorship 	<ul style="list-style-type: none"> Increase the number of trained Urologists. Contribute to improved health outcomes for patients. 	Stipend to the students as per Govt. rules	None

PART - II

RESEARCH(SHOT TERM)

PHYSIOLOGY

S.No	Initiative	Methodology	Deliverables	Approx. Financial Implication	Land Requirement
01	A. Qualitative Research (Lifestyle Medicine): Understanding choices of lifestyle behaviours among patients.	In-depth interviews, focus group discussions, thematic analysis.	Insight into patient motivations, barriers, and facilitators related to lifestyle changes	NIL	NIL
	B. Quantitative Research (Lifestyle Medicine): Effect of Whole-Food Plant-Based (WFPB) diet on biochemical variables in different NCDs.	Randomized controlled trials, longitudinal studies.	Quantitative data on the impact of WFPB diet on disease markers, quality of life, and clinical outcomes		
02	Computational Neuroscience	Using AI, machine learning to develop neural models in health and disease	Advanced neural models, predictive algorithms for health and disease states	Rs 40-50 Lac	NIL

BIOCHEMISTRY

S.No	Initiative	Methodology	Deliverables	Approx. Financial Implication	Land Requirement
1	Establishment of advanced research facility for basic and advanced research specifically directed towards translational research	<ol style="list-style-type: none"> 1. Genetic laboratory <ul style="list-style-type: none"> • Genetic material extraction • PCR, RFLP • Mutation detection • RT-PCR laboratory • dd-PCR • miRNA estimation • Diagnosis of Cystic fibrosis common mutation 1. Proteomic laboratory <ul style="list-style-type: none"> • Advanced horizontal and vertical electrophoresis • Electrophoretic analysis of various immunoglobulins • HPLC analysis of various analytes • Mass spectrometry • Antenatal testing and newborn screening 3. Advanced research laboratory 	<ol style="list-style-type: none"> 1. Mutation testing 2. Diagnosis of various genetic disorders 3. Diagnosis of inborn errors of metabolism 4. Diagnosis of late onset genetic disorders. 5. Drug estimation 6. Toxicological estimations 	INR. 15 Cr. (Approx)	200 sq. m.

FMT

Sr.No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1.	Extra Mural	Research project under consideration by ICMR	01 project	24.05 L	Nil
2.	Intra Mural	Research project under consideration by AIIMS Nagpur	02 projects	2.40 L & 1.16 L	Nil
3.	Non funded	Ongoing research project at AIIMS Nagpur	04 projects	Nil	Nil

MICROBIOLOGY

Sr.No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Integrated Research with AYUSH	After approval from Research cell and IEC: MoU will be signed	Outcome of research findings will be published	Depend upon type of project	No
2.	Intramural projects/Extramural projects	After approval from Research cell and IEC	Outcome of research findings will be published	Grant given by institute	No

PSYCHIATRY

Sr.No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	ICMR grant received: 1	Recruitment ongoing, proposal cleared from IRB	Research publication and generation of an algorithm for AI in the diagnosis of schizophrenia	Funded by ICMR	Nil
2	ICMR grant submitted: 2	As per ICMR norms	Publications and learning		
3	Intramural grant submitted: 2	As per intramural norms	Publications and learning		
4	Collaborative, multicenter and non-funded research: 2				

RADIODIAGNOSIS

Sr. no.	Initiative	Methodology	Deliverables	Approx financial implications	Land requirement
1.	Extra mural and intra mural funded research projects	Application to various Extra mural funding agencies and Institute based funding.	Opportunity for research useful to society .	Will depend upon the project cost and amount funded by agencies	-
2.	Sponsorships	Through the agencies sponsoring the research projects.	Opportunities for research and innovations	Will depend upon the type of project and the sponsoring agencies	-

COMMUNITY MEDICINE

Sr. no.	Initiative	Methodology	Deliverables	Approx financial implications	Land requirement
1.	Community Action Research for undergraduates	A group of 10 students will together conduct an action research project mentored by the guide.	Research training for undergraduates Actionable data based for the health system based on the research Research publications from undergraduates	Financial support for field-based laboratory tests and reagents wherever required	Nil
2.	Evidence Synthesis Unit	An Evidence Synthesis Unit will be established under the department to apply and undertake the evidence synthesis projects of the National and International significance. Capacity building workshops will be conducted on the evidence synthesis topics such as systematic reviews	Funded Systematic review and meta-analysis projects Research publications of systematic reviews Faculty and residents trained in the systematic review methods	Access to databases like EmBase, Web of Science, Scopus, Cochrane Library Rs. 4-6 lakhs per annum (Approx)	Nil

ORTHOPEDICS

S. No.	Initiative	Methodology	Deliverables	Financial implications	Land Requirement
1.	MoU with engineering colleges	Memorandum of Understanding between AIIMS and concerned center for collaborative research	Improved training and exposure for the trainee residents & faculty	Nil	Nil

SURGICAL GASTROENTEROLOGY

S. No.	Initiative	Methodology	Deliverables	Financial implications	Land Requirement
1	Initiate Research projects and Research Grants and Intramural Projects by Faculty	Completion of projects after Research cell and Ethics committee approvals; Application for Intramural Projects	Completion and Publication of the research work /presentation in National and International Conferences	None	None
2	Stimulate UG Research	Guiding MBBS Students with ICMR STS Projects	Approval and Execution of Projects	None	None
3	Stimulate PG Research	Faculty wise nomination of meritorious students to present papers in National and International Conferences	Presentation at National and International conferences of work done at AIIMS Nagpur	Application for Travel grants	None

RADIATION ONCOLOGY

S. No.	Initiative	Methodology	Deliverables	Financial implications	Land Requirement
1	Designing treatment protocols considering the needs and limitations of Indian Cancer Patients	Institute level.	Pilot testing	NIL	NIL
2	Identify best radiotherapy planning technique	Institute level.	Feasibility studies	NIL	NIL

BURNS AND PLASTIC SURGERY, UROLOGY & PEDIATRIC SURGERY

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
2.	Research activities	Identify key areas of interest and need within the local context for research focus. Design and execute research projects focused on conditions prevalent in the region. Establish partnerships with other institutions for collaborative research efforts. Encourage student participation through research projects, seminars, and workshops.	<ul style="list-style-type: none"> • Generation of new knowledge on locally prevalent conditions. • Increased exposure of students to research practices and methodologies. 	-	-

NUCLEAR MEDICINE

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1.	Research activities	<ul style="list-style-type: none"> Design and execute research projects Establish partnership with other institutions for collaborative research offer Encourage student participation in research projects, seminars, workshops 	<ul style="list-style-type: none"> Increase exposure of students to research practices and methodologies. 		

NEPHROLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Ongoing Research projects and Research Grants and Intramural Projects by Faculty	Completion of projects after Research cell and Ethics committee approvals; Application for Intramural Projects	Completion and Publication of the research work / presentation in National and International Conferences	None	None
2	Stimulate UG Research	Guiding MBBS Students with ICMR STS Projects	Approval and Execution of Projects	None	None
3	Stimulate PG Research	Faculty wise nomination of meritorious students to present papers in National and International Conferences	Presentation at National and International conferences of work done at AIIMS Nagpur	Application for Travel grants	None

NEONATOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1.	To Establish Neonatal research projects	Identify key areas of interest with local context for research work	Increased exposure of students to research and methodologies	As per specific research project	None
2.	Neurodevelopmental follow up and research clinic	Will follow up all high risk babies in Neurodevelopmental clinic and do assessment of their developments	To all high risk babies	Approx. 200000	1 OPD room with developmental assessment area

OBSTETRICS AND GYNECOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1.	Research Activities	1. Initiate interdepartmental Clinical research 2. Community based studies 3. Establish partnership with other Institutions for multi centered collaborative studies for registry and long term 4. Organize seminars and CME in virtual mode	Generate epidemiological and clinical evidence, contribute to scientific knowledge by publications in high impact journals and help in implementation of policies	Generate funds through extramural research proposals	NII

TRAUMA & EMERGENCY

S. No	Initiative	Methodology	Deliverables	Financial implications	Land Requirement
1.	ICMR TQIP	Trauma Quality improvement study in partnership with ICMR and 5 other centers	a. To identify Key performance indicators in trauma management b. Implementation of change ideas to attain key performance indicators	None Taken care by ICMR Grant	Office space

ANESTHESIOLOGY & CRITICAL CARE

S. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Research	Identifying potential areas of research for faculties, residents and MBBS students pertaining to areas of local, national and international implications. Identifying potential research questions in advanced technology pertaining to anaesthesia.	Generation of new information and knowledge in the specialty. Introducing students to the research practices	--	None

TRANSFUSION MEDICINE

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Safe Blood Transfusion Practices	Integrated and Collaborative Research	*Clinical Trials:* Initiate short-term clinical trials focused on optimizing anesthetic transfusion medicine. - *Collaboration:* Foster collaborations with other AIIMS branches and national institutes to participate in multicenter studies on transfusion medicine outcomes.	Intramural and Extramural Grants	Additional Laboratory

CARDIOLOGY

Sr.No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1.	NPAC study	Development, implantation and evaluation of protocolized cardio-obstetric care	For providing evidence-based care to pregnant women with heart disease in India	NIL	NIL
2.	Impact, cost-effectiveness, and sustainability of a synergistic, multipronged, customized, low-cost intervention package (IP)	Through systematic research methodology	To reduce cardiovascular disease (CVD) burden among diverse populations across India	NIL	NIL

GENERAL SURGERY

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1.	Extramural: <ul style="list-style-type: none"> Breast Oncology Pancreatitis Extrapulmonary TB Mesenteric Ischemia (Risk factors, Screening) 	<ul style="list-style-type: none"> Formulation of specific objectives Identification of collaborative departments Identification of funding agency 	<ul style="list-style-type: none"> Identification of specific markers for early diagnosis Identification of prognostic indicators 	----	-----

PART - III

**INFRASTRUCTURE (SHORT
TERM)**

PHYSIOLOGY

Sr.No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Polysomnography System (PSG)	Finalization of technical specifications, obtaining budget approval, procurement, acquisition, and installation of the PSG system	Feasibility to conduct comprehensive sleep research, including the investigation of sleep disorders, brain activity, and sleep stages. This will contribute to scientific publications and enhance research outcomes in sleep medicine.	Requirement: 1 Unit Budget: ₹ 45,00,000	NIL
2	Designated Electrodes for Electroneuronography in department	Electrodes with connector (to be procured), EMG-NCV machine (already in department)	Will provide diagnostic and prognostic markers in cases of nerve injury	Requirement: 1 Set Budget: ₹ 1,00,000	NIL
3	Phase Contract Microscope	Procurement and installation, including comprehensive staff training on operational use and integration into existing semen analysis protocols.	Enhanced capability for precise and rapid assessment of semen parameters, resulting in significant reduction in sample processing time and expedited dispatch of test reports to patients.	Requirement: 1 Unit Budget: ₹ 15,00,000	NIL
4	Eye Tracking Device	Finalization of technical specifications, acquisition, conduction of pilot studies, and adoption in research for upcoming projects	By leveraging eye tracking technology, research students gain deeper insights into various aspects of medical science, from cognitive and emotional processing to practical applications in medical training and patient care	Requirement: 1 Unit Budget: ₹ 62,50,000	NIL
5	Additional Equipment for UG Courses Teaching and Undergraduate Research	Finalization of technical specification of the proposed equipment, Budget Approval, Procurement, Acquisition and Installation	The procurement of the aforementioned equipment will facilitate small group teaching among undergraduate medical courses, promoting a more interactive and comprehensive learning experience	Total Budget = ₹ 20,00,000	NIL

Microbiology

Sr.No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	BSL3 Laboratory for TB culture	e-tender will be floated and L1 will be granted	TB culture and DST services will be available	4.8 Cr	-
2	Genomic sequencer		Sequencing	3 Cr.	1000 sq. ft.
3	Anaerobic work station		Anaerobic culture and DST services will be available	15 lakhs	1000 sq. ft.
4	Line Probe assay		TB identification and DST	37 lakhs	No

BIOCHEMISTRY

Sr.No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Upgradation of available facility to advanced diagnostic and research facility for provision of state of art diagnostic services and facilities for advanced translational research	Integrated Dry chemistry random access autoanalyzer ,5 part analyser,Auto analyser Tissue processor,Cryostat,Microscope (Fluorescent, phase contrast),Microscope (trinocular),Ultra centrifuge,(-20 degree) freezer (-70 degree) freezer,High Pressure Liquid Chromatography,Gas Chromatography LC-MS-MS system, Ordinary refrigerator,Bio-safety cabinet,Micro pipettes,Multi-channel micropipettes,Liquid N2 tank,Computers and Accessories withInternet facilityFlow cytometer	Novel markers estimation/detection Cancer biomarkers testingMutation testing .Diagnosis of various genetic disorders .Diagnosis of inborn errors of metabolism . Diagnosis of late onset genetic disorders. Drug estimation .toxicological estimations	INR. 15 Cr. (Approx)	200 sq. m.

PATHOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Sitting chambers for faculty	Partition of corridors	Space for work and research with better output	Service tender from vendors approx.5 Lakhs	
2	Expansion of lab space with duplication of equipments for/Histopathology Frozen section, Immunohistochemistry Lab, Immunology lab	Assignment of space in central research lab with partition and lab infrastructure	Enhanced research output Better patient care	To be calculated aftercalling eoi fromEng department tender	

FORENSIC MEDICINE & TOXICOLOGY

Sr.No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Proposed Non DPR Services	Non-DPR	Autopsy services, Virtual autopsy, Histopathology services, DNA Laboratory, Anthropology laboratory.	19 Cr.	Proposed Autopsy Block: 3198.26 sq mtr.
2	Pending DPR Items: 04	Provision of DPR at inception	Required for autopsy services	As per MoHFW, Govt. of India	Included in Mortuary complex

GENERAL SURGERY

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	IPD facility: Minimum 90 beds		Catering to increase in clinical workload	---	
2	Two Major OTs			---	
3	Exclusive Septic OT			--	
4	Department offices for faculty: Minimum 10 rooms		Catering to increase in number of faculty	---	10 rooms
5	Robotic Surgery system	Procurement as per GFR	<ul style="list-style-type: none"> • Service-oriented • Research 	Rs. 45 crores	---
6	LASER equipment		<ul style="list-style-type: none"> • Treatment of Varicose Veins • Treatment of Anorectal diseases 	Rs. 15 lakhs	----
7	Endotrainers		<ul style="list-style-type: none"> • Training of Faculty and PG students 	Rs. 2 lakhs	Around 200 sq. feet

PHARMACOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Therapeutic drug monitoring services	Identification of space Procurement of equipment Installation and training Preparation of SOP Manpower recruitment	Safe use of medicines especially drugs with narrow therapeutic index	30 lakhs	Available

COMMUNITY MEDICINE

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Computer Lab for Epidemiology training	A computer lab will be set up with 25 Desktop computers. Installation of NCSS Sample Size calculation software and Stata software will be done on all 25 computers.	Undergraduate training on research data analysis and interpretation, Postgraduate training (MD/MPH) for research protocol development and analysis, Faculty development programs on data analysis	Rs. 65 Lakh rupees 25 All-in-one Desktops @ 80,000 each– Rs. 20 Lakhs 25 Stata Perpetual License @ 1.8 Lakh each – Rs. 45 lakhs	Building space for 25 computer-lab

PEDIATRIC

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Pediatric Emergency Medicine Services	Faculty and SR for Pediatric Emergency services	1. Increased number of sick children that are stabilized in ER before admission to ward or PICU 2. reduced door to bed time	Cost of upgradation of infrastructure, Consumables, Equipment and Human resources	Approx 1000 sq feet in the present Emergency Dept
2	State-of-the-art Regional Pediatric Allergy Centre	Catering to Central India's need for allergy testing and therapy	Providing services in Aero allergies, drug allergies, Insect allergies	Molecular allergen testing machine ,(Thermofischer/Phadia/ALEX2TOSOH), PATCH test kit for drug allergies and contact dermatitis, Basophil activation test, FENO machine, IOS MACHINE	1 Allergy testing Room. 1 Patient observation room .
3	Comprehensive Pediatric Cystic Fibrosis Centre	Would provide Neonatal & pediatric sweat chloride testing	Diagnosis and management of CF and its complications	Provision for CFTR MODULATORS via CSR Formation of CFTR registry for central India GENETIC TESTING	1 counseling room
4	Pediatric sleep Centre	Catering to the increasing demand for pediatric sleep specialists	Focus on children with OSAS, DOWN syndrome, Neuro degenerative disorders.		1 counselling room

OBSTETRICS AND GYNECOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Infrastructure and Equipments	<p>Upgrade existing facilities by state of the art equipments:</p> <p>Obstetric Care</p> <p>Birthing centre: Birthing beds along with Under water birthing facility. Provision of adequate furniture for patient's comfort. Advanced Ultrasonography units of Maternal and Fetal medicine and Intrapartum sonography. (2)Fetal and maternal monitoring units for antepartum and intrapartum surveillance Software for labor room data management: Intrapartum and postpartum .Obstetric Critical Care Unit : Invasive ventilation and Bedside CCRT facility Gynecology and Reproductive Services:</p> <p>1.Advanced system for Operative Gynecological Laprohysetroscopy unit</p> <p>2.Microsurgical systems with surgical instruments and operative loupes</p> <p>3. Electrosurgical units: Harmonic And Ligasure device</p> <p>4. Point of care cancer diagnostic devices and anemia detection for community health care projects 5.Advnced ART lab equipments including time lapse, cryopreservation and embryo and gamete Banking</p>	<p>1.Provision of advanced and state of the art facilities for women during birth and for gynecological disorders including malignancy, infertility .</p> <p>2. Reducing maternal morbidity and mortality</p> <p>3.Prevetion of cancer</p>	20 crore	Nil

GENERAL MEDICINE

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Expansion of Critical care beds and starting HDU by conversion of 8 beds of 504 and 505 wards	Increase the number of beds, upgrade existing equipment, Monitoring station and recruit additional staff in the form of Nursing officers and MTS staff	better management of critically ill patients	Approximately ₹75 lakhs (for Partitions to be created in wards, Extra equipment, and staffing)	Additional ICU space, equipment storage, staff rooms.
2	Upgrade of Intensive care Facility and Equipment's like Central Monitoring Systems, DVT pumps, Patient warmers, USG cum ECHO Machine, portable Xray Machine.	Acquire and install advanced central monitoring systems in ICU.	Improved patient monitoring and outcomes.	₹2Cr (for equipment and installation)	Installation space in ICU, technical support rooms, Installation of RO plant for bedside dialysis
3	Introduction of Critical Care Technology BSc course	Collaborate with other departments and design a curriculum, hire teaching staff (Biomedical Engineer), and acquire necessary equipment	A new stream of healthcare professionals skilled in critical care technology	₹35 lakhs (for equipment, faculty, and curriculum)	Dedicated lab space, classrooms, and practical training facilities
4	To start Specialty Clinic in Geriatrics, Diabetes, Rheumatology and other non-communicable diseases	Establish a team of geriatric specialists, acquire specialized equipment, and design geriatric care protocols	Improved care for the elderly, reduced hospital readmissions	₹10 lakhs (for equipment, hiring, and setup)	Dedicated Specialty outpatient clinics, patient counseling rooms are required
5	Increasing the Number of Clinical Units from 2 to 4 for better utilization of resources	Due to increasing burden of patients, we plan to increase the number of Units from 2 to 4 units.	This will help in providing better patient care, time for other activities like research for the faculty	Salary of the extra staff which would be required for the formation of the unit. Financial Implications would depend on the number of faculty recruited.	Will require faculty chambers for faculty to sit and space on the OPD.
6	Establishment of ART Centre in association with NACO	At present ART center is functional only at the state government hospital. NACO will provided drugs, training and testing kits. Space would be provided by AIIMS, Nagpur.	Patient from nearby area have to travel long distance. They will be provided Counselling, testing and drugs free of cost with regular followup.	Salary of SMO, Counselors and Lab Technicians. Approximately 20Lac/year	Space has been identified at present. Later on when patient load increases extra space of about 2000Sqfeet will be required.

RADIATION ONCOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Second LA	Procurement through HITES	Cater more patients	18000000INR(DRP)	-
2	Safety cabinet For chemotherapy	GEM/Direct procurement	Environment and staff safety	200000 INR	-

ENT

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Fellowship in Head and Neck Oncology, Rhinology, Otolaryngology	Academic post graduate fellowship course	Head and Neck Surgery Unit, Clinical Trials, Tumor Board, Endoscopic and Minimally Invasive head & Neck Surgery, Skull base surgery	5,00,000 Rs Per year	4 Examination rooms (approx. size of 15'x15') for fellow students, 20 Bedded Male and Female ward, Seminar room (Seating capacity of 30-50), Dedicated OT (No.2)
2	Bachelor and Master course in Audiology Speech Language Pathology	Academic graduate Course with complete faculty in Audiology and Speech Language Pathology	Audiology department with state of the Art diagnostic and rehabilitative facilities Auditory-verbal therapy for children		2 Examination rooms (approx. size of 15'x15') for Graduate and Post graduate students
3	Laser surgery in Otolaryngology	Academic post graduate short term course	Laser assisted oral and oropharyngeal laryngeal surgeries, Laser assisted ear surgery, laser assisted microlaryngeal surgery	5,00,000 Rs Per year	NIL

HOSPITAL ADMINISTRATION

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Enhance Bed Management services by implementing digital solutions for bed management system	Implement Digital solutions such as AI technology for bed management system.	Improved resource utilization	*10-15 Lakhs	
2	Implement digital solutions for NABH data capturing for Quality indicators	Deploy digital tools Capturing Quality indicators	Improved patient safety	*10 Lakhs	

MEDICAL BIOTECHNOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	To start the UG and PG Course in Medical Biotechnology	For this, we will prepare the course curriculum, syllabus and complete prospectus of the course.	Chance to launch a lucrative career in medical research and diagnostics. Its introduction aimed to equip students with the most recent advancements in this cutting-edge science as well as knowledge and abilities.	Approx 2-3 crore is required to develop the classrooms and library including meeting room and seminar/conference hall.	Approx 6000-10000 sq ft land is required to develop the departmental building including classrooms and laboratories.

MEDICAL GASTROENTEROLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1.	Basic Endoscopy(gastroscopy, colonoscopy, capsule endoscopy) services	Procurement through HITES/GeM	Diagnostic Endoscopy services	1 Crore	Endoscopy Room
2.	Advanced Endoscopy Services (ERCP, EUS)	Procurement through HITES/GeM	Therapeutic Endoscopy services	4 Crore	Endoscopy Room
3.	Fibroscan	Procurement through HITES	Diagnostic Hepatology services	2.8 Crore	OPD
4.	IPD Services	To start IPD services male and female	IPD services for patients requiring specialized care	None	Ward
5.	Liver ICU	Procurement through GeM	Intensive care for hepatology, post-transplant patients	3. Crore	ICU – 6 Beds
6.	Speciality OPD	Designated Days for hepatology, pancreatic, IBD clinics, transplant clinic	Specialised OPD Care	None	OPD

NEUROSURGERY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Infrastructure and equipment	<ul style="list-style-type: none"> Upgrade existing infrastructure with state-of-the-art equipment such as neuro-navigation, robotic surgical systems, 3D stereotactic system, cranial & spinal endoscopy, 3D – C arm navigated spinal instrumentation system, Neuro DSA lab etc. Implement advanced technology to enhance surgical precision and patient outcomes. Provide comprehensive training for existing paramedical staff and recruit new staff as needed. Facilitate skill development programs/ skill lab for faculty and students in various aspects of neurosurgery. Audio-visual enabled seminar room /lecture hall 	<ul style="list-style-type: none"> Delivering the world class health care facilities to the neurosurgical patients of central India Reduced morbidity and mortality following surgical procedures Enhanced learning opportunities for medical and paramedical staffs Dual train neurosurgeons 	Rs 50,00,00,000/-	5000 square feet

NEONATOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	To Expand our NICU from 16 to 25 bedded	Will increase beds along with required equipment with all level of care	To scale up existing NICU services	Approx. 5 crores	Within existing NICU
2.	To establish Comprehensive lactation Management center	Establish state of Art milk bank	To provide round the clock lactation support and management services	Approx. 1 crore	350 square meters
3.	To establish Neonatal surgical operation Theatre in NICU	Will establish NSOT within NICU area	To provide safe surgical and post surgical care for neonates	Approx 70 Lakh	Within existing NICU

NEPHROLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Renal and Transplant Immunology Laboratory	Procurement through HLL / Tender	State of Art Transplant Immunology testing (HLA Typing, Single Antigen Bead testing,PRA, ABO antibody testing, CDC Cross match)	2.7Cr (Approved CSR Fund by WCL)	Space allotted in IPD building of AIIMS Nagpur
2	Expansion of Critical Care Dialysis services	Procurement of 2 state of the art CRRT Machines through GeM / Tender	Enhance critical care/ICU dialysis infrastructure	65 Lakhs	None
3	Establishment of Peritoneal Dialysis Program	Procurement of 2 Automated PD cyclers through GeM / Tender and training of Nursing officers and Dialysis technicians in Peritoneal dialysis	Establishment of Peritoneal dialysis program fostering CAPD Training of Nursing officers, Dialysis technicians and Residents in Peritoneal Dialysis	20Lakhs	None

ENDOCRINOLOGY AND METABOLISM

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Bone Mineral Density	NOA came and site readiness certificate has been issued	DXA Scan	DPR equipment	Room allotted in the Dept. of Rdiology

PEDIATRIC SURGERY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Infrastructure and equipment	<ul style="list-style-type: none"> Upgrade existing infrastructure with state-of-the-art equipment such as 3-D laparoscopy systems, robotic surgical systems, pediatric endoscopy (including gastrointestinal neuro-endoscopes, upper and lower airway endoscopes), urodynamic lab etc. Implement advanced technology to enhance surgical precision and patient outcomes. Provide comprehensive training for existing paramedical staff and recruit new staff as needed. Facilitate skill development programs for faculty and students in various aspects of pediatric surgery. 	<ul style="list-style-type: none"> Delivering the world class health care facilities to the pediatric surgical patients of central India Reduced morbidity and mortality following surgical procedures Enhanced learning opportunities for medical and paramedical staffs 	Rs 1,50,00,000/-	None

PHYSICAL MEDICINE AND REHABILITATION

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Prosthetic manufacturing unit- (Artificial Limb center)	We have equipped manpower and area. The equipment procurement is ongoing will be completed by 2024.	Consumables are required for Prosthetic manufacturing	30 lakh/ year	Nil
2	Advanced Robotic Rehabilitation system	Procurement through GeM custom Bid	Files already under procurement process	5 Crore	Nil

NUCLEAR MEDICINE

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Infrastructure and equipment	<ul style="list-style-type: none"> SPECT-CT machine is under installation procured from HITES for clinical services like bone scan, thyroid scan, DTPA scan. Another 68Gallium generator is under procurement Implement appropriate methods to improve patient/scan outcome. Provide comprehensive training for paramedical staff and newer staff Facilitate skill development of faculty, students and other staff. 	<ul style="list-style-type: none"> Delivering standard health care to nuclear medicine patients Improve quality of life of the patients 	Around 15 crores	Already allocated

RADIODIAGNOSIS

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Digital Radiography & fluoroscopy	Procurement through tendering process	Improve patient care, student learning and research.	As per the actual cost of equipment	-
2	Picture Archiving and communication system (PACS)	Procurement through tendering.	Automation of reporting, dispatch and image storage	3.24 Cr.	-

SURGICAL GASTROENTEROLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Establish advanced laparoscopic and robotic surgery center	Upgrade existing infrastructure with state-of-the-art equipment such as 3-D laparoscopy systems, robotic surgical systems, endoscopy, choledochoscope Implement advanced technology to enhance surgical precision and patient outcomes.	Delivering the world class health care facilities to the surgical gastroenterology patients of central India Reduced morbidity and mortality following surgical procedures Enhanced learning opportunities for medical and paramedical staffs	Rs 10,00,00,000/-	None
2	Establish Liver Transplant Program	Procurement of equipment essential for setting up the liver transplant program through GEM and HLL. This includes	Low cost liver transplant facilities for central India	Rs 5,00,00,000/-	None

SKILL LAB

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1.	Advanced Skill lab with courses at AIIMS Nagpur- Various task trainer, Human patient Simulator, Comprehensive Examination cardiovascular Simulator, Comprehensive Examination chest & lung Simulator, Wireless Pediatrics Simulator, Full body pregnancy Simulator, Difficult Airway Simulator for UG, PG, Faculty and practitioners and others skills as identified by BOS members	Identification of Basic clinical skills of all specialties by expert, Develop modules Use available mannekins effectively	Equitable availability of training facilities/skills at AIIMS Nagpur	15 Cr Fees to be collected from participates from various courses	6 th floor, Medical college Building, AIIMS Nagpur

PULMONARY MEDICINE

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Plan to acquire Video bronchoscope, Endobronchial ultrasound machine, Semirigid pleurovideoscope	Acquire through HITES/GeM/GTE	Advanced bronchoscopy services	3 Cr	Bronchoscopy suit
2	Sleep study services (polysomnography) to start in next 2 months. Plan to start speciality OPDs for ILD and airway diseases in next 6 months	Through advertisement after approval of ED sir and DDA	OPD/IPD care	Nil	Existing department space is enough

SURGICAL ONCOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	OPD Rooms – 2, Minor OT – 1, Male Ward Bed – 8, Female Ward Bed – 10, Post Operative Ward Bed-2, Private Ward Bed – 2, ICU Ward Bed – 4, OT Table-2 (All Days in Week)	--	More Number of Cancer Patients can be Treated More Number of Cancer Patients can be Treated Waiting Period will come down	As Per Rule	Designated space to be allocated.

TRANSFUSION MEDICINE AND BLOOD CENTER

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Nucleic Acid Amplification Testing of Blood Products	By using ID-NAT platform	NAT Lab for Screening of all blood products to improve patient safety and prevent HIV, Hepatitis B and C	3.5 Crores	Room has been allocated for NAT testing Laboratory
2	Irradiation of Blood Products	By using gamma Irradiator procured from BARC	Gamma Irradiator Machine	35 Lakhs	Room has been allocated for Gamma Irradiator
3	Thromboelastography	By using Global Coagulation Testing Platform	Goal Directed Transfusion Support	25 Lakhs	Laboratory Set Up available
4	Automated Immunohematology Platform	For using various Immunohematology Tests, Compatibility testing		75 Lakhs	

UROLOGY AND RENAL TRANSPLANT

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Infrastructure and equipment	Strating Robotic Urology services. Starting the ESWL and urodynamic services. Implement advanced technology to enhance surgical precision and patient outcomes. Provide comprehensive training for existing paramedical staff and recruit new staff as needed. Facilitate skill development programs for faculty and students in various aspects of urology.	Delivering the world class health care facilities to the patients of central India. Reduced morbidity and mortality following surgical procedures Enhanced learning opportunities for medical and paramedical staffs	Rs 55,00,00,000/-	Dedicated OT for Robotic services. Space allocation for ESWL – 600 Sq Ft. Space allocation for urodynamic system – 600 sq ft.

PSYCHIATRY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	High-definition total direct current stimulation (HD tDCS) machine	Will be procured through GeM	Treatment for a variety of psychiatric illnesses and research	30 lacs INR	Treatment room: 200 sq ft
2	Ultra brief pulse electroconvulsive therapy (ECT) machine	Will be procured through GeM	Treatment of severe mental illnesses	90 lacs INR	Treatment room and recovery: 400 sq ft
3	Dedicated psychiatry ward with daycare 20 beds	Proposed to ED, awaiting the approval. Can be accommodated in existing infrastructure of the hospital with minor modifications	Sophisticated and individualised management with optimally trained nursing and paramedical staff	10 lacs INR	5000 sq feet

TRAUMA AND EMERGENCY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Trauma OT	24 X 7 working	Total Number of cases done. Number of major cases done. Number of minor cases done	Salary to nursing officers, MTS, Housekeeping staff etc.	Nil
2	ABG Machine	Point of care testing device	No of tests done. No of tests in cartridge wasted. Down time. Operational errors frequency	Measuring cartridge and 2 washing cartridge per month totaling to 6 lakhs per month. Each test is sold at Rs.100 per test totaling to Rs 75,000 per month	Room for point of care testing lab to be allotted
3	Ventilator	Invasive and noninvasive ventilation can be provided	No of working hours. Down time	CMC as per the contract for Hamilton ventilators. Ventilator trolley being purchased through custom bid costing Rs 6 lakhs.	Equipment room is required to be allotted
4	X ray Room	Mobile Digital Xray Machine with bucky table working 24 X 7. With printing devices for films	Number of X rays done in X ray room. No of working hours. No of portable X rays. Time to obtaining X ray films	a. Lead lining of the Xray room Price as per contract/ Rs 4 lakhs	Room allotted
5	C arm	For use in Trauma OT	Utilization rate. Down time	Awaiting installation	Nil
6	Laparoscopy Unit	Diagnostic and therapeutic	No of case done. Utilization rate. Downtime	Carbon dioxide cylinder Cost Rs 20,000 per cylinder Maintenance technician salary Rs 15,000 per month	Room for storing the unit
7	Bronchoscopy Unit	Intervention to maintain patent airway	a. Utilization rate b. Down time	In initial stages of procurement technical evaluation on going	Bronchoscopy room to be allotted
8	Point of care Ultra sound	Ultrasound to be used as an extension of clinical examination aiding in resuscitation and Interventions	a. Utilization rate b. Downtime	Technical evaluation ongoing	Room to be allotted

CARDIOLOGY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Cath lab	Through GeM or e-tender	To expand the services for patients For better procedural outcomes in patients	10 crore	2000 sq feet
2	IVUS			1 crore	NIL
3	OCT			1 crore	NIL
4	IABP			70 lakhs	NIL
5	IVL			70 lakhs	

RESEARCH CELL

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Online proposal management system (integrated system for research cell and IEC)	Procurement of the software following institutional rules. Quotations will be invited and vendors will go through a competitive bidding process	The number of research protocols received, reviewed and approved and their timestamps to ensure accountability.	50 lakhs for 10 years @5 lakhs annual subscription	None
2	Financial management System	Procurement of the software following institutional rules. Quotations will be invited and vendors will go through a competitive bidding process	The number of funded projects (intramural and extra mural) facilitated and audited	Rs. 25 lakhs for 10 years	
3	Statistical softwares (SPSS, Stata, Atlas Ti). With the increasing number of research projects undertaken in the institute it is imperative to have copyrighted statistical softwares for both quantitative (SPSS, Stata) and Qualitative (Atlas Ti) data analysis.	Procurement of the software following institutional rules. Quotations will be invited and vendors will go through a competitive bidding process	Use of institutional software for data analysis and publication of manuscripts	10 licenses of SPSS, STATA and Atlas Ti (~50 lakhs)	None
4	<i>Plagiarism software:</i> Every protocol, PG thesis and manuscript from the institute will be screened for plagiarism. This will mitigate scientific misconduct within the institute	Procurement of the software following institutional rules. Quotations will be invited and vendors will go through a competitive bidding process	Number of protocols, PG thesis and manuscripts that underwent plagiarism check	Approx. 10 lakhs per year (Rs. 1 cr for 10 years)	None
5	Remote access for literature	This will facilitate continued learning within and outside the institution, thereby improving knowledge and evidence based practices for patient care provision.	Number of users utilising the data bases	Approx 5 lakhs annually (Rs.50 lakhs for 10 years)	

DENTISTRY

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Extension of existing OPD	To procure 03 More Dental Chairs	To Install in existing OPD	1 Cr	-
2	Extension of OPD with additional area	Reception area opposite to existing OPD	To Install additional 6-10 Dental Chairs	2.5 Cr	Existing area in the 4 th floor
3	Procurement of equipment's /instruments	GeM. Procurement	-	10 Cr.	-
4	CBCT machine	GeM. Procurement	-	1.2 Cr	A room of 350 Sqft.

LEARNING RESOURCE CENTER

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Computer Center	For digital library, online resources, project work, presentations etc.	UG, PG and other students will avail this facility.	--	--
2	Digital Library/ Institutional Repository	Installation of digital library software, maintenance of Digital Library, collection & upload of faculty/ institutional publications etc.	usefull for all the students, SR and faculty members.	--	--
3	Procurement of Books	Procurement of new books	For all the Library users	--	--
4	Subscription of Database and Journals (Clinical Key, Cochrane Library, Scopus, Embase, Science direct, web of science, etc..)	Approval, quotations, subscription, distribution, reports, support etc.	For all the Library users	--	--
5	Discovery Services	Searching of all the library resources through a single window search, an intigrated platform of all the resources.	this facility will enhance the searching criteria of the users.	--	--
6	Beautification of Library	posters, statue, sinages, display board etc.	Beautification of Library is required for to create a healthy academic environment.	--	--
7	Set-up of Departmental Libraries	All department will have their own small library at their department.	Departments	--	--
8	Development of Library Website	Library website creation, management and maintenance of the same	separate library website is required for the outreach of the library resources.	--	--

NURSING COLLEGE

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1	Setting up the College of Nursing, lecture halls, labs, Library and faculty spaces	Furniture Teaching equipment	Adequate and comfortable seating in lecture halls, labs, library and faculty spaces Durable and technologically advanced teaching equipment	₹ 8,00,000	NIL
2		Lab equipment for 5 nursing college labs	Well-equipped nursing labs with adequate equipment for all learning activities	Nil	Nil
3		Library	Nursing library with good collection of text and reference books, and E-resources	₹ 5, 00,000	
4		Skill trainers and mannequins	Durable and technologically advanced equipment for comprehensive skill training	₹ 10, 00,000	

STUDENT WELFARE

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Music Club: Mike system and Music instruments	As per GFR	Enhancement of recreation facilities	Rs. 15 lakhs	---
3	IT and Web: Institutional subscriptions for photography and video-editing software	As per GFR	Enhancement of facilities and learning opportunities	Rs. 1 lakh	--
4	Sports: 4 Badminton courts	As per GFR	Enhancement of recreation facilities Conduct of inter-collegiate competitions at National level	Rs. 1 crore	As per norms
5	Sports: 2 Lawn Tennis courts			Rs. 1 crore	
6	Sports: 1 Volleyball court			Rs. 2 lakhs	
7	Arts: 'Art speaks the Mind' wall	Theme driven strategy	Cultural awareness, values	Rs. 1 lakh / year	
8	Mess: New dining hall	As per GFR	Better dining facilities, increase in seating capacity to accommodate increasing number of students on campus		As per norms
9	Literary and Research: TED talk platform	Procurement of TED talk license	Better opportunities for faculty and students		

ORTHOPEDICS

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1.	Expansion of OPD	Additional consultation rooms (min. 2) to be allotted to Orthopedics	Lesser waiting time for the patients and justifiable consultation time for each patient. Currently average OPD attendance is 300 per day.	Nil	Nil

ANESTHESIOLOGY & CRITICAL CARE

Sr. No	Initiative	Methodology	Deliverables	Approx financial implication	Land requirement
1		Post Anaesthesia Care Unit	Ability to handle higher patient load postoperatively	Equipment and furniture required already in procurement	None
2		HMIS in PAC and OT	Seamless documentation		None
3		Chronic Pain OPD	Advanced pain services		None

ENGINEERING DEPARTMENT

S/N	Type of Civil Infrastructure Required in next 10 years	Details of the Civil Infrastructure (e.g. Number of Flats / Hostel Rooms / Lecture Theatres etc.)
1	Additional 50 acres of land from Maharashtra Government	For construction of Emergency and Trauma Centre, Super specialty block, Mother and Child care Centre and Helipad.
2	Type II quarters	2 Blocks (Total 108 Flats, G+8)
3	UG Male & UG Female Hostels	124 Rooms and amenity rooms in UG Male Hostel (G+12), 80 Rooms and amenity room in UG Female (G+5) Hostel
4	Mortuary Extension	G+1
5	Dining Hall	G+4 Building
6	Provision of Ramp in IPD building	Ramp for IPD building (2 locations)
7	Super speciality Building	G+13 (600 bed)
8	Trauma, Emergency and Critical Care Block	G+7 (300 bed)
9	Residential Area Parking Provision	4000 sqm area

HOSTEL

Sr. No	Initiative	Methodology	Deliverables	Approx. financial implication	Land requirement
1	Purchase of Hostel Furniture and Consumable items	To Replace the existing unserviceable, condemn furniture, chairs, Mattress, Curtains etc.	Approx. 1000 Beds	5 Cr	Not Applicable
2	Purchase of Electrical and Electronics and Electronics Items	To Replace the existing unserviceable, condemn electrical items, washing machines, RO Units, Water Coolers Electrical Geysers, Electrical items	As per requirements against Unserviceable items	5 Cr	Not Applicable
3	Construction of Bicycle and Two Wheelers parking area	To Construct Bicycle and Two Wheelers parking in open space in between the hostels	04 Units	5 Cr	5,000 sq. mtr (For 4 Units)
4	Renovation painting of Hostels	By Renovation Hostel facilities and painting to the hostel buildings	As per Requirements against out of order facility and Rooms	10 Cr	Not applicable
5	Landscaping and Gardening Work	Landscaping and Gardening to Hostel Surroundings	Approx. 50,000/- sq. mtr. Area to be covered	5 Cr	Not Applicable
6	Installation of Solar Electrical Units 100 KW	Generate renewable electricity for power back up for the Hostels	Approx. 700 KW for 7 Nos. Hostel	10 Cr	Not Applicable