

Department of Anaesthesiology

8.1.1 8.1.2, 3.3.1
Strategic Plan of the Dept

1. Vision:

- To be a pioneering center for perioperative care, pain management, and critical support across all clinical departments.
- Striving for excellence in anesthesia services, research, and education.

344

511

2. Mission:

- Comprehensive perioperative care: Providing high-quality anesthesia services during surgical procedures.
- Postoperative management: Ensuring smooth recovery and pain relief for patients.
- Emergency coverage: Undertaking emergency operations round-the-clock.
- Supporting other clinical departments: Serving as the backbone by assisting with IV access, resuscitation, and more.

3. Objectives:

- Patient safety: Prioritizing patient well-being during anesthesia and postoperative phases.
- Research and innovation: Contributing to advancements in anesthesia techniques and pain management.
- Education and training: Nurturing skilled anesthesiologists and healthcare professionals.
- Collaboration: Working closely with surgical departments to optimize patient outcomes.

The department's commitment to excellence and its role in supporting various medical services make it an essential part of the hospital's operations¹².

Department of General Medicine

Vision:

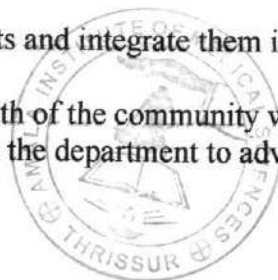
To be a beacon of holistic healing, setting the standard for comprehensive medical care by integrating a patient-centered approach with cutting-edge medical expertise.

Mission:

- Our mission is to deliver exceptional medical care through:
- Meticulous examination and accurate diagnosis by our team of experienced physicians.
- Immediate initiation of high-priority treatment aimed at a holistic cure.
- Collaboration with allied and super-specialty departments to provide a multidisciplinary approach to health care.
- Commitment to the continuous improvement of patient outcomes and overall health.

Objectives:

1. Patient-Centered Care: Prioritize patient well-being and tailor treatment plans to individual needs for a holistic healing experience.
2. Interdisciplinary Collaboration: Work seamlessly with specialties and super-specialties to ensure a comprehensive treatment strategy.
3. Continuous Education: Keep abreast of the latest medical advancements and integrate them into patient care.
4. Community Engagement: Extend our reach beyond the hospital to health of the community we serve.
5. Research and Development: Encourage innovation and research within the department to advance the field of general medicine.



Department of Nephrology

Vision

To be a leader in nephrology by providing exceptional care, advancing renal health through innovation, and shaping the future of kidney disease management.

Mission

Our mission is to deliver comprehensive renal care by:

- Utilizing our advanced infrastructure and the expertise of our faculty to treat a wide spectrum of kidney diseases.
- Collaborating with allied specialties, including Radiology, to offer a multidisciplinary approach to patient care.
- Ensuring our services are accessible and affordable to all segments of society.

Objectives

1. **Clinical Excellence:** Offer state-of-the-art diagnostic and therapeutic services, including the use of a 128-Slice CT and MRI facilities, to ensure the highest standards of patient care.
2. **Education and Training:** Provide robust training programs for medical professionals to foster expertise in nephrology.
3. **Research and Development:** Engage in innovative research to improve the understanding and treatment of renal diseases.
4. **Community Outreach:** Increase awareness of kidney health and disease prevention through community engagement and education.
5. **Collaborative Care:** Work closely with other departments, such as Radiology, to provide a cohesive and integrated treatment experience for our patients.
6. **Affordability and Accessibility:** Strive to make our nephrology services affordable and accessible to patients from all walks of life.

Department of Neurology

Vision

To be a premier institution in neurology, recognized for excellence in patient care, education, and research, transforming the landscape of neurological health.

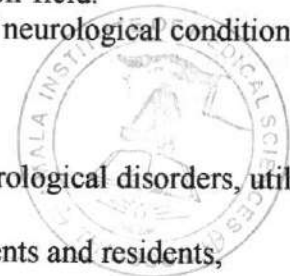
Mission

Our mission is to:

- Provide evidence-based, tertiary-level management for all neurological diseases.
- Offer compassionate care that integrates the latest advancements in neurology.
- Educate and train the next generation of neurologists to be leaders in their field.
- Conduct research that contributes to the understanding and treatment of neurological conditions.

Objectives

1. **Patient Care:** Deliver the highest standard of care for patients with neurological disorders, utilizing state-of-the-art facilities and treatments.
2. **Education:** Provide comprehensive training programs for medical students and residents, emphasizing evidence-based practice and clinical excellence.



Department of General Surgery

Vision:

To be a leader in surgical excellence, advancing the frontiers of surgical practices through innovation, compassionate care, and unwavering commitment to improving patient outcomes.

Mission:

- Our mission is to provide the highest quality surgical care available anywhere in the world. We aim to:
- Offer comprehensive surgical services across a broad spectrum of specialties.
- Integrate patient care with advanced research and education.
- Foster a multidisciplinary approach

Objectives:

1. **Clinical Excellence:** Continuously enhance surgical outcomes by adopting evidence-based practices, minimizing complications, and ensuring patient safety.
2. **Education and Training:** Train the next generation of skilled surgeons through rigorous educational programs, workshops, and hands-on experience.
3. **Research and Innovation:** Foster a culture of research, encouraging faculty and residents to contribute to advancements in surgical techniques, technology, and patient care.
4. **Collaboration:** Collaborate with super specialty departments to provide comprehensive care, leveraging their expertise in areas such as neurosurgery, urology, and oncology.
5. **Community Outreach:** Engage with the community through health camps, awareness programs, and preventive initiatives to promote overall well-being.

The Department of Gastroenterology

1. Vision:

- To be a leader in gastroenterology by providing advanced and compassionate care, and to be recognized for excellence in endoscopic technology and hepatology services.
- To enhance the well-being of patients through innovative treatments and comprehensive management of gastrointestinal diseases.

2. Mission:

- To offer state-of-the-art diagnostic and therapeutic services for a wide range of gastrointestinal conditions.
- To maintain a highly skilled team of medical and surgical gastroenterologists, interventional radiologists, and gastro-pathologists.
- To provide education and training in endoscopic technology and gastroenterology to prepare future experts in the field.

3. Objectives:

1. To perform over 600 advanced endoscopic procedures annually with the latest technology.
2. To run a regular OPD and 24-hour emergency services for comprehensive patient care.
3. To offer diploma and D.N.B. courses in endoscopic technology and gastroenterology, enhancing the educational standards in the field.
4. To advance hepatology care for patients with acute and chronic liver disease

Nuclear Medicine Department

Vision

To be a leader in nuclear medicine by providing innovative diagnostic and therapeutic services that enhance patient care and advance medical science.

Mission

Our mission is to:

- Utilize radio-isotopes for the precise diagnosis and effective treatment of diseases, with a focus on cancer, tumors, cysts, and hematomas.
- Employ nuclear medicine techniques to detect diseases early and evaluate organ function, ensuring patient safety and minimal adverse effects.
- Offer indispensable PET-CT services for the comprehensive evaluation of oncology patients, myocardial viability, and neurological conditions.

Objectives

1. **Diagnostic Excellence:** Provide accurate and early diagnosis using advanced nuclear medicine techniques, improving patient outcomes.
2. **Therapeutic Innovation:** Develop and implement state-of-the-art therapeutic methods to treat complex diseases effectively.
3. **Safety and Quality:** Ensure the highest standards of safety and quality in all nuclear medicine procedures.
4. **Research and Development:** Conduct research to advance the field of nuclear medicine and contribute to scientific knowledge.
5. **Education and Training:** Educate and train healthcare professionals in the latest nuclear medicine technologies and practices.
6. **Interdisciplinary Collaboration:** Work closely with other medical specialties to offer a multidisciplinary approach to patient care.
7. **Community Outreach:** Increase public awareness about the benefits of nuclear medicine and promote early screening programs.

Department of Obstetrics & Gynaecology

Vision

To be a center of excellence in women's health, providing compassionate, evidence-based care across all stages of life. We envision a future where every woman receives personalized, holistic, and respectful healthcare.

Mission

Our mission is to:

- Offer comprehensive antenatal and postnatal care, addressing the unique needs of pregnant and postpartum women.
- Provide specialized services for infertility management, menopause, family planning, and high-risk obstetrics.
- Promote early detection and prevention of genital cancers through regular screenings.
- Conduct elective gynecological procedures and endoscopy services with precision and empathy.

Objectives

1. **Patient-Centered Care:**
 - Prioritize patient comfort, dignity, and emotional well-being.
 - Address physical, emotional, and social aspects of women's health.
 - Collaborate with other specialties to provide integrated care.
2. **Education and Empowerment:**
 - Educate women about their reproductive health, family planning, and preventive measures.
 - Empower women to make informed decisions about their bodies and health.
3. **Research and Innovation:**
 - Engage in research to improve maternal and fetal outcomes.
 - Explore novel approaches to gynecological procedures and treatments.
4. **Community Outreach:**
 - Conduct awareness programs on women's health, prenatal care, and cancer prevention.
 - Collaborate with local organizations to promote health literacy.
5. **Interdisciplinary Collaboration:**
 - Work closely with Neonatology, Anesthesia, Urology, Oncology, and other specialties.
 - Enhance patient outcomes through a team-based approach

Department of Ophthalmology

Vision

To be a leading institution in ophthalmology, renowned for our commitment to preserving and restoring vision through excellence in patient care, education, and research.

Mission

Our mission is to:

- Provide expert examination, diagnosis, and treatment for all ocular diseases.
- Stay at the forefront of technological advancements to offer the best care for retinal diseases.
- Maintain a team of highly skilled ophthalmologists dedicated to the highest standards of patient care.

Objectives

1. **Clinical Excellence:** Deliver superior ophthalmic care by utilizing the latest technologies and treatment modalities.
2. **Education and Training:** Educate and mentor medical students, residents, and fellows in the field of ophthalmology.
3. **Research and Innovation:** Conduct research to advance the understanding of ocular diseases and develop innovative treatment approaches.
4. **Patient-Centric Approach:** Ensure a patient-focused environment where care is tailored to individual needs.
5. **Community Outreach:** Increase awareness about eye health, disease prevention, and early intervention strategies.
6. **Interdisciplinary Collaboration:** Work collaboratively with other departments to provide comprehensive care for patients with complex conditions.

Department for Orthopaedics

Vision

To be a center of global distinction in orthopaedic care, pioneering in orthopaedic oncology, and setting the standard for excellence in musculoskeletal health.

Mission

Our mission is to:

- Provide exceptional care for all muscle, bone, and joint disorders, focusing on both immediate relief and long-term healing.
- Excel in specialized areas such as arthritis, physical medicine, spine surgery, orthopaedic oncology, and joint replacement.
- Continuously enhance our subspecialties, including trauma, sports medicine, arthroplasty, spine surgery, and pediatric orthopaedics.

Objectives

1. **Clinical Excellence:** Deliver comprehensive and compassionate orthopaedic care, utilizing advanced techniques for diagnosis and treatment.
2. **Education and Training:** Maintain rigorous training programs for undergraduate and postgraduate students, ensuring they become proficient and ethical practitioners.
3. **Research and Innovation:** Foster a culture of research and innovation to improve patient outcomes and contribute to the field of orthopaedic medicine.
4. **Community Engagement:** Engage with the community to promote musculoskeletal health, prevent injury, and facilitate early intervention.
5. **Interdisciplinary Collaboration:** Collaborate with various medical specialties to provide a holistic approach to patient care.
6. **Sustainable Growth:** Build on our three decades of experience to expand our services and adapt to the evolving needs of orthopaedic care.

Department of Paediatrics

Vision

To be a leading pediatric center dedicated to the holistic healing and well-being of children, setting a benchmark for pediatric care through compassion, innovation, and excellence.

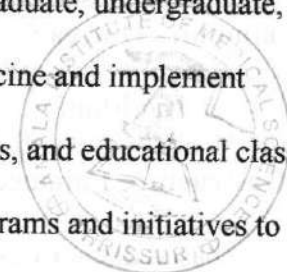
Mission

Our mission is to:

- Provide exceptional medical care to neonates, children, and adolescents, ensuring a nurturing and family-centered environment.
- Educate and train the next generation of healthcare professionals in pediatric medicine.
- Engage with the community through health education, preventive programs, and national health initiatives.

Objectives

1. **Comprehensive Care:** Deliver the highest standard of pediatric care, focusing on the complete healing and well-being of every child.
2. **Education and Training:** Offer robust educational programs for postgraduate, undergraduate, and nursing students, fostering a foundation of knowledge and compassion.
3. **Research and Innovation:** Conduct research to advance pediatric medicine and implement innovative treatments and care strategies.
4. **Community Outreach:** Organize community camps, school health visits, and educational classes to promote child health and prevent diseases.
5. **National Engagement:** Celebrate national health days with special programs and initiatives to raise awareness and educate the public on child health issues.



1. **Patient Care:** Deliver the highest quality of dermatological services with a patient-centered approach, ensuring accessibility and affordability for all.
2. **Education:** Provide rigorous training and exposure to both undergraduate and postgraduate students, preparing them to meet the challenges of modern dermatology.
3. **Research and Innovation:** Engage in cutting-edge research to discover new treatments and improve existing methodologies for skin care and disease management.
4. **Community Service:** Extend our reach beyond the hospital to serve the community through awareness programs, free clinics, and public health initiatives.
5. **Infrastructure:** Continuously upgrade our facilities, including the Skin ICU, Operation Theatres, and laser surgery units, to maintain an environment conducive to healing and learning.

Microbiology

Vision

To be a pioneering center of excellence in microbiology, advancing patient care, research, and education. We envision a future where our molecular methods and diagnostic expertise contribute significantly to global health.

Mission

Our mission is threefold:

1. **Clinical Excellence:** Provide accurate and timely diagnostic services using cutting-edge molecular techniques. Our focus is on bacterial, fungal, viral, and parasitic infections.
2. **Education and Training:** Foster a dynamic learning environment for undergraduate and postgraduate students. Equip them with the skills needed to excel in microbiology and contribute to healthcare.
3. **Research and Innovation:** Conduct innovative research to address emerging challenges in infectious diseases. Collaborate with national and international partners to advance scientific knowledge.

Objectives

1. **Patient-Centric Care:**
 - Deliver precise and rapid diagnostic results to aid clinicians in effective patient management.
 - Implement infection control measures to prevent the spread of communicable diseases within the hospital.
2. **Academic Excellence:**
 - Train medical students in microbiology, emphasizing evidence-based practices and critical thinking.
 - Provide postgraduate students with specialized knowledge in molecular biology, bacteriology, immunology, mycology, and mycobacteriology.
3. **Cutting-Edge Research:**
 - Investigate drug resistance patterns, emerging pathogens, and novel diagnostic methods.
 - Publish research findings in reputable journals and contribute to scientific advancements.
4. **Community Outreach:**
 - Organize awareness programs on infectious diseases, preventive measures, and antimicrobial stewardship.
 - Collaborate with local health authorities to enhance public health initiatives.
5. **Infrastructure Enhancement:**
 - Maintain state-of-the-art laboratories equipped for molecular testing, serology, and culture-based diagnostics.
 - Regularly update facilities to stay at the forefront of microbiological research.

Objectives

1. **Holistic Care:** Offer a multidisciplinary approach to rehabilitation, addressing the physical, emotional, social, and vocational needs of patients.
2. **Patient Empowerment:** Empower patients by providing them with the tools, knowledge, and support necessary to achieve optimal functioning and independence.
3. **Education and Training:** Educate and train healthcare professionals in the latest rehabilitation techniques and practices.
4. **Innovation and Research:** Engage in research to advance the field of rehabilitation and discover new methods to enhance patient care.
5. **Community Integration:** Facilitate the integration of individuals with disabilities into the community through targeted programs and services.
6. **Collaborative Networks:** Build strong networks with healthcare providers, community organizations, and support groups to ensure comprehensive care.

Department of Pathology

Vision

To be a center of excellence in diagnostic pathology, research, and education, contributing to improved patient care and scientific knowledge.

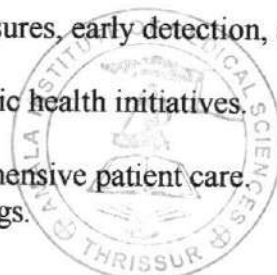
Mission

Our mission is to:

- Provide state-of-the-art diagnostic pathology services, ensuring accurate and timely results for patient management.
- Foster a culture of research and innovation among our faculty and students.
- Collaborate with healthcare partners, scientific communities, and society to advance pathology.

Objectives

1. **Clinical Excellence:**
 - Deliver accurate and reliable diagnostic reports, supporting effective patient care.
 - Maintain high standards of quality control and proficiency testing.
 - Collaborate with other specialties to enhance patient outcomes.
2. **Education and Training:**
 - Train medical students and postgraduate residents in pathology, emphasizing evidence-based practice and critical thinking.
 - Promote lifelong learning and professional development.
3. **Research and Innovation:**
 - Engage in research to improve diagnostic techniques, disease understanding, and treatment strategies.
 - Publish research findings and contribute to scientific literature.
4. **Community Outreach:**
 - Organize awareness programs on preventive health measures, early detection, and disease management.
 - Collaborate with local health authorities to enhance public health initiatives.
5. **Interdisciplinary Collaboration:**
 - Work closely with other departments to provide comprehensive patient care.
 - Participate in tumor boards and multidisciplinary meetings.



3. **Research:** Engage in groundbreaking research to advance the field of neurology and improve patient outcomes.
4. **Community Engagement:** Increase awareness of neurological diseases and promote brain health in the community.
5. **Collaboration:** Foster collaborative relationships with other specialties and institutions to enhance patient care and educational opportunities.

Department of Neurosurgery

Vision

To be a global leader in neurosurgical excellence, advancing patient care, research, and education. We envision a future where precision, innovation, and compassion converge to transform lives affected by neurological disorders.

Mission

Our mission is to:

- Provide cutting-edge neurosurgical interventions with precision and compassion.
- Train the next generation of neurosurgeons to excel in clinical practice, research, and leadership.
- Conduct groundbreaking research to enhance our understanding of neurological diseases and improve treatment outcomes.

Objectives

1. **Clinical Excellence:**
 - Offer state-of-the-art surgical interventions for cerebrovascular, neurodegenerative, and demyelinating conditions.
 - Prioritize patient safety, outcomes, and quality of life.
 - Collaborate with other specialties to provide holistic care.
2. **Education and Training:**
 - Train medical students, residents, and fellows in neurosurgery, emphasizing technical skills, critical thinking, and ethical practice.
 - Foster lifelong learning and professional development.
3. **Research and Innovation:**
 - Engage in clinical and translational research to advance neurosurgical techniques, implantable devices, and treatment modalities.
 - Publish research findings and contribute to scientific literature.
4. **Community Outreach:**
 - Raise awareness about neurological disorders, prevention, and early intervention.
 - Collaborate with community organizations to promote brain health.
5. **Infrastructure Enhancement:**
 - Maintain state-of-the-art operating theaters, neuroimaging facilities, and intensive care units.
 - Invest in advanced technologies and equipment

3. **Pharmacovigilance:** Monitor and report adverse drug reactions to ensure patient safety and improve drug efficacy.
4. **Interdisciplinary Collaboration:** Collaborate with other departments and institutions to enhance the quality of healthcare education and practice.
5. **Community Engagement:** Engage with the community to promote awareness of rational drug use and pharmacotherapeutics.
6. **Global Standards:** Align our teaching and research activities with international standards and best practices in pharmacology.

Department of Psychiatry

Vision

To be a leading institution in mental health care, renowned for our comprehensive and compassionate approach to healing, and for advancing the field of psychiatry through education, research, and patient-centered care.

Mission

Our mission is to:

- Provide exceptional mental health services that address the complex needs of the modern era, including stress, suicidal tendencies, emotional breakdowns, and psychological disorders.
- Maintain a personalized approach to patient care, ensuring confidentiality, trust, and a bio-psycho-social perspective in clinical practice.
- Educate and train the next generation of mental health professionals, fostering a collaborative and interdisciplinary learning environment.

Objectives

1. **Patient Care:** Deliver individualized and effective psychiatric treatment, prioritizing the dignity and privacy of our patients.
2. **Education and Training:** Offer comprehensive training programs for MBBS students, MD Psychiatry trainees, and post-graduate trainees from various disciplines.
3. **Research and Innovation:** Conduct research to enhance understanding and treatment of mental health disorders, and to contribute to the body of psychiatric knowledge.
4. **Interdisciplinary Collaboration:** Work closely with other departments, such as Nursing, Psychology, and Social Work, to provide a holistic approach to mental health education and care.
5. **Community Engagement:** Engage with the community to raise awareness about mental health issues and to destigmatize seeking psychiatric help.
6. **Clinical Support:** Provide clinical placement and support for trainees in related fields, ensuring a well-rounded educational experience.



Department of palliative care

Vision

To be a beacon of hope and healing for patients with cancer, offering comprehensive, compassionate, and evidence-based care that extends beyond treatment.

Mission

Our mission is to:

- Provide holistic care for patients with cancer, addressing physical, emotional, and social needs.
- Collaborate with other specialties and departments to offer integrated care.
- Educate patients, families, and the community about cancer prevention, early detection, and supportive services.

Objectives

1. **Clinical Excellence:**
 - Deliver state-of-the-art cancer treatment, including inpatient, outpatient, and home care.
 - Focus on symptom relief, pain management, and quality of life.
 - Collaborate with social work departments and trained volunteers to enhance patient support.
2. **Education and Empowerment:**
 - Educate patients about their diagnosis, treatment options, and survivorship.
 - Provide emotional support and counseling for patients and families.
 - Raise awareness about cancer prevention and early detection.
3. **Research and Innovation:**
 - Engage in research to improve cancer outcomes, personalized therapies, and survivorship.
 - Explore novel approaches to cancer care and symptom management.
4. **Community Outreach:**
 - Conduct awareness programs, workshops, and camps to promote cancer awareness.
 - Collaborate with local organizations to provide support and resources.
5. **Interdisciplinary Collaboration:**
 - Work closely with other departments, especially Radiation Oncology, to optimize patient care.
 - Ensure seamless transitions between different levels of care.

PMR

Vision

To be a centre of excellence in rehabilitation, empowering individuals with disabilities to achieve their highest potential and lead fulfilling lives within society.

Mission

Our mission is to:

- Provide comprehensive rehabilitation services that are patient-centered and tailored to the unique needs of each individual.
- Maximize independence and mobility for our patients, with the ultimate goal of reintegrating them into their roles in society.
- Foster an environment of collaboration among various medical and allied health specialties to deliver holistic care.

2. **Patient-Centered Care:** Tailor treatment plans to each patient's unique needs, emphasizing compassionate and holistic care.
3. **Interdisciplinary Collaboration:** Work closely with other medical professionals to address all aspects of cancer management.
4. **Research and Innovation:** Contribute to scientific advancements in oncology through research and clinical trials.
5. **Quality Assurance:** Maintain accreditation standards and uphold the highest quality of radiation treatment.
6. **Education and Training:** Train the next generation of oncology professionals to uphold our standards of excellence.

Department of Radio-diagnosis and Imaging

Vision

To progressively improve the quality and attain excellence at the national and global level in the field of medical imaging, modern diagnostic methods, and research. Our aim is to produce personnel of high caliber and competence to deliver integrated health care to all strata of the community.

Mission

Our mission is to:

- Incorporate and effectively implement newer technology in teaching, learning, and evaluation to make globally competitive, competent, and confident radiologists who engage in ethical practice of the science and art of imaging.
- Inspire a sense of inquisitiveness and ignite the spirit of research in both students and faculty.

Objectives

1. **Quality Multi-Modality Imaging:** Provide high-quality imaging services across various modalities, ensuring accurate and timely diagnostic information.
2. **Education:** Deliver outstanding education to technicians, undergraduates, and postgraduate residents, aiming for the highest levels of professional excellence.
3. **Research:** Engage in high-quality research to advance the field of medical imaging and contribute to scientific knowledge.
4. **Technological Advancements:** Stay at the forefront of technological advancements in diagnostic imaging.
5. **Ethical Practice:** Instill ethical values and practices in radiology professionals.
6. **Filmless Functioning:** Implement and maintain a Picture Archiving and Communication System (PACS) for efficient and filmless functioning.

Department of Respiratory Medicine

Vision

To be a leader in respiratory care, research, and education, providing comprehensive and compassionate services to improve the respiratory health of our patients.

Mission

Our mission is to:

- Deliver accurate diagnosis and effective management of respiratory disorders, including pulmonary, vascular, and pleural conditions.



Department of Vascular and Endovascular Surgery

Vision

To be a leader in vascular and endovascular care, providing innovative and compassionate services to improve the vascular health of our patients.

Mission

Our mission is to:

- Deliver comprehensive vascular services to diagnose and treat a wide range of vascular diseases using state-of-the-art technology.
- Ensure around-the-clock access to highly qualified and experienced vascular surgeons.
- Support our patients with a full spectrum of outpatient vascular procedures and dedicated wound care.

Objectives

1. **Clinical Excellence:** Offer advanced treatment options for arterial occlusive diseases, aneurysms, venous diseases, varicose veins, hemodialysis access, and diabetic foot care.
2. **Patient-Centered Care:** Provide a 24-hour service that focuses on the needs and well-being of our patients, ensuring they receive the best possible care.
3. **Innovation and Technology:** Utilize the latest technologies and equipment to enhance diagnostic accuracy and treatment effectiveness.
4. **Education and Training:** Educate and train our staff to maintain the highest standards of care and to stay abreast of the latest advancements in vascular medicine.
5. **Interdisciplinary Collaboration:** Work closely with the radiology department and other specialties to offer a multidisciplinary approach to patient care.
6. **Community Outreach:** Engage with the community to raise awareness about vascular health and disease prevention.

Department of Pharmacology

Vision

To be a leading institution in pharmacological education, research, and practice, shaping the future of healthcare through excellence in drug administration and therapy.

Mission

Our mission is to:

- Provide the highest quality of Curriculum-Based Medical Education (CBME) to undergraduate medical and nursing students.
- Equip students with the knowledge and skills necessary for the rational prescription of drugs and understanding of pharmacotherapeutics.
- Foster a culture of continuous learning and innovation in pharmacology.

Objectives

1. **Educational Excellence:** Deliver an outstanding educational experience that prepares students for successful careers in healthcare.
2. **Research and Innovation:** Conduct and promote research in pharmacology, contributing to the advancement of medical science and patient care.

Department of Surgical Oncology

Vision: To be the premier center for surgical oncology, recognized globally for our commitment to improving the health and well-being of patients through pioneering surgeries, innovative treatments, and compassionate care.

Mission: Our mission is to provide exceptional, evidence-based surgical care for cancer patients, supported by state-of-the-art facilities and a team of highly skilled professionals. We are dedicated to the comprehensive management of cancer through a multidisciplinary approach that includes prevention, diagnosis, treatment, and ongoing support.

Objective:

1. To perform cutting-edge onco-surgeries with precision and care, encompassing Thoracic, Gastrointestinal, Gynaecological, Breast, Head and Neck, Urological, and Bone surgeries.
2. To advance the field of surgical oncology through research, education, and the integration of new technologies.
3. To foster a supportive environment that encourages patient empowerment, education, and holistic recovery.
4. To collaborate with other oncology specialists to provide a seamless continuum of care for our patients.
5. To continuously improve patient outcomes and satisfaction through feedback, quality improvement initiatives, and adherence to best practices in surgical oncology.

Department of Transfusion Medicine

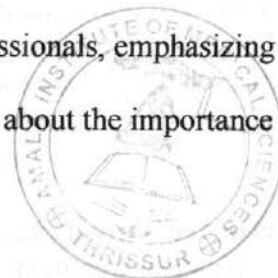
Vision: To be a pioneering center in Transfusion Medicine, recognized for excellence in patient care, innovation in cellular therapies, and leadership in blood management and research.

Mission:

- To provide safe, high-quality blood and blood components for all patients in need.
- To advance the field of Transfusion Medicine through cutting-edge research in cellular therapies and blood management.
- To educate and train the next generation of healthcare professionals in the best practices of Transfusion Medicine.
- To collaborate with national and international bodies to improve standards in blood safety and transfusion services.

Objectives:

- To ensure the highest standards of safety and quality in the collection, processing, and transfusion of blood and its components.
- To implement and refine advanced techniques such as apheresis, cryopreservation, ROTEM analysis, and Massive Transfusion Protocols.
- To conduct groundbreaking research in cellular therapies, including the use of stem cells and CAR-T cells for disease treatment.
- To provide comprehensive training programs for medical professionals, emphasizing the latest developments in immunohematology and transfusion practices.
- To engage in community outreach programs to raise awareness about the importance of blood donation and transfusion medicine.



Department of Pulmonary Medicine

Vision

To be a premier center for pulmonary care, research, and education, committed to advancing the understanding and treatment of respiratory diseases, and providing exceptional patient-centered care¹.

Mission

Our mission is to:

- Offer comprehensive services for the diagnosis, prevention, treatment, and cure of respiratory diseases.
- Specialize in managing complex conditions such as COPD, Asthma, Sleep Apnoea, Lung Cancer, and Chronic Ventilatory Failure with expertise and compassion.
- Utilize state-of-the-art technology and evidence-based practices to enhance patient outcomes.

Objectives

1. **Clinical Excellence:** Provide top-tier diagnostic and therapeutic services for a wide range of pulmonary conditions.
2. **Patient Care:** Ensure a patient-focused approach that prioritizes individual needs and promotes the highest quality of life.
3. **Education and Training:** Educate and train medical professionals in pulmonary medicine to foster a skilled workforce.
4. **Research and Innovation:** Conduct research to contribute to the scientific understanding of respiratory diseases and develop new treatments.
5. **Community Outreach:** Engage with the community to raise awareness about respiratory health and disease prevention.
6. **Interdisciplinary Collaboration:** Collaborate with other medical specialties to offer a comprehensive and integrated approach to patient care.

Department of Radiation Oncology

Vision

To be a global leader in cancer care, providing cutting-edge radiation therapy and comprehensive treatment options to improve the lives of cancer patients.

Mission

Our mission is to:

- Deliver state-of-the-art medical oncology treatments for various types of cancer.
- Develop individualized treatment plans based on patient characteristics and tumor biology.
- Foster collaboration with other specialties to provide integrated and coordinated cancer care.
- Engage in research to advance medical knowledge and improve treatment outcomes.

Objectives

1. **Clinical Excellence:** Provide advanced radiation therapy techniques, ensuring precision and effectiveness in cancer treatment.

The Department of Emergency Medicine

1. Vision:

- To be a leading emergency care provider in the region, renowned for its rapid response and comprehensive emergency services.
- To set the standard for excellence in emergency medicine through innovation, quality care, and patient safety.

2. Mission:

- To provide 24/7 high-quality emergency care to patients with medical and surgical emergencies, including trauma care.
- To maintain a modern, well-equipped facility that can handle a wide range of emergency situations efficiently.
- To ensure that all patients receive compassionate care from a team of highly trained emergency physicians and staff.

Objectives:

1. To continuously upgrade and expand facilities to meet the growing needs of emergency care.
2. To train and retain skilled emergency physicians, residents, and nursing staff to provide the best possible care.
3. To integrate with other departments like the Operating Room, Intensive Care Unit, and Labour Complex for seamless patient management.
4. To enhance patient outcomes through the use of state-of-the-art technology and evidence-based practices.

Department of Dentistry

1. Vision:

- To be a leading dental care provider in the region, renowned for excellence in oral health services and patient satisfaction.
- To advance the aesthetic and functional aspects of dental care, enhancing the quality of life for all patients.

2. Mission:

- To prevent, diagnose, and treat dental and orofacial conditions with the highest standards of care.
- To educate patients on maintaining oral health and preventing dental diseases.
- To provide cosmetic and reconstructive services that improve patients' self-esteem and daily lives.

3. Objectives:

1. To maintain a state-of-the-art facility with modern equipment and technologies for comprehensive dental care.
2. To ensure continuous professional development of staff to stay abreast of the latest advancements in dentistry.
3. To collaborate with other medical departments to provide integrated care for patients with complex orofacial needs.
4. To conduct research and contribute to the body of knowledge in dental sciences.



- Train medical students and postgraduate residents in the field of Respiratory Medicine.
- Foster a culture of research and innovation to enhance patient outcomes and contribute to scientific knowledge.

Objectives

1. **Clinical Excellence:** Provide state-of-the-art diagnostic and therapeutic services for respiratory diseases.
2. **Education and Training:** Educate and train the next generation of respiratory care professionals, emphasizing evidence-based practice and compassionate patient care.
3. **Research and Innovation:** Engage in research to advance the understanding of respiratory disorders and develop new treatment approaches.
4. **Community Outreach:** Raise awareness about respiratory health and preventive measures in the community.
5. **Interdisciplinary Collaboration:** Work closely with other medical specialties to provide holistic patient care.

Department of Rheumatology

Vision

To be a center of excellence in rheumatology, providing comprehensive care and advancing the understanding and treatment of rheumatic diseases.

Mission

Our mission is to:

- Offer evidence-based management for all rheumatic diseases, with a focus on early detection and specialized care.
- Provide assistance to other specialties for the management of organ-specific autoimmune diseases.
- Educate healthcare professionals and the community about rheumatic diseases and their management.

Objectives

1. **Clinical Excellence:** Deliver the highest standard of care for patients with rheumatic diseases, including early detection and management of conditions like rheumatoid arthritis, gout, and spondyloarthritis.
2. **Interdisciplinary Collaboration:** Work in concert with other departments, such as physiatry and physiotherapy, to manage complex cases and soft tissue rheumatism.
3. **Education and Training:** Provide comprehensive training for medical professionals and conduct annual Continuing Medical Education (CME) programs to stay at the forefront of rheumatology.
4. **Research and Innovation:** Engage in research to advance the understanding of rheumatic diseases and improve treatment options.
5. **Community Outreach:** Raise awareness and provide education on rheumatic diseases to improve community health outcomes.

Child Development Center (CDC)

1. Vision:

- To be a center of excellence in pediatric neurodevelopment, providing holistic care and innovative solutions for children with developmental challenges.
- To harness the principles of neuroplasticity to ensure every child reaches their full potential.

2. Mission:

- To offer comprehensive services for early diagnosis and intervention in neurodevelopmental disorders.
- To provide family-centered care that supports not only the child but also the family as a whole.
- To integrate multidisciplinary approaches with a team of specialized professionals for optimal outcomes.

3. Objectives:

1. To identify and address developmental issues in high-risk newborns and children with various neurodevelopmental disorders.
2. To develop and implement individualized treatment plans that cater to the unique needs of each child.
3. To advance knowledge and practices in pediatric neurodevelopment through research and education.
4. To expand services such as the Pediatric Ophthalmology and CVI clinic to cater to all aspects of child development.

Department of Biochemistry

1. Vision:

- To be a global leader in biochemistry education and research, driving advancements in medical science and clinical practice.
- To foster innovation and discovery in biochemical processes that improve diagnostic accuracy and patient care.

2. Mission:

- To provide comprehensive education in biochemistry to students across all levels (MBBS, MD, Ph.D.).
- To conduct pioneering research that contributes to the scientific understanding of disease mechanisms and the development of new diagnostic tools.
- To offer clinical services that utilize the latest advancements in clinical biochemistry for accurate testing and diagnosis.

3. Objectives:

1. To equip students with a deep understanding of biochemical principles and their clinical applications.
2. To maintain state-of-the-art facilities for education and research, including a well-stocked library and advanced laboratories.
3. To engage in collaborative projects that enhance the scope of clinical biochemistry and its impact on healthcare.
4. To publish and disseminate research findings that contribute to the global body of knowledge in biochemistry.



Department of Urology

Vision: To be a leading center of excellence in urological care, pioneering in advanced treatments and research, dedicated to improving the quality of life for our patients through innovative practices and compassionate care.

Mission: Our mission is to provide world-class urological health care that is accessible and affordable. We strive to:

- Deliver comprehensive and personalized treatment for all urological conditions.
- Utilize state-of-the-art technology and evidence-based practices for diagnosis and treatment.
- Foster a culture of continuous learning and improvement among our highly skilled urologists.
- Engage in groundbreaking research to advance the field of urology.
- Ensure patient-centered care that respects the dignity and values of those we serve.

Objectives:

1. To achieve clinical excellence by adopting the latest urological procedures and technologies.
2. To maintain the highest standards of patient safety and care.
3. To promote a multidisciplinary approach for holistic treatment plans.
4. To contribute to the field of urology through active research and publications.
5. To provide educational opportunities and training for the next generation of urologists.
6. To expand our services to meet the growing needs of the community.
7. To collaborate with other healthcare providers and institutions for better patient outcomes.

The Department of Endocrinology and Diabetology

1. Vision:

- To be a center of excellence in endocrinology and diabetology, recognized for its patient-centric approach and holistic treatment strategies.
- To advance the understanding and management of endocrine diseases, promoting optimal health and prevention of complications.

2. Mission:

- To provide evidence-based care for patients with diabetes, thyroid disorders, obesity, and other complex endocrine diseases.
- To treat patients as a whole by considering all aspects of care, including lifestyle, nutrition, and psychological well-being.

3. Objectives:

1. To ensure comprehensive diagnosis and treatment using the latest advances in the field.
2. To educate patients and the community about endocrine health and disease prevention.
3. To collaborate with other specialties to offer integrated care for complex cases.
4. To conduct research that contributes to the advancement of endocrinology and diabetology.

Cardiology Department

1. **Vision:**

- The Cardiology Department envisions becoming a **global leader** in cardiovascular care.
- To be at the forefront of **research, innovation, and patient-centered care** in the field of cardiology.

2. **Mission:**

- Provide **state-of-the-art diagnostic and therapeutic services** for cardiovascular conditions.
- Develop **individualized treatment plans** for optimal patient outcomes.
- Offer comprehensive **preventive care and education** to reduce the burden of cardiovascular disease¹.

Objectives

1. **Provide state-of-the-art diagnostic services for cardiovascular conditions.**

- Offer adult and pediatric echocardiography, treadmill tests (TMT), transesophageal echocardiography (TEE), and 24-hour Holter monitoring.
- Conduct coronary angiography, peripheral angiography, and renal angiography.
- Perform SPECT and PET studies of the heart to provide metabolic and functional information.

2. **Interventional Procedures:**

- Perform coronary angioplasty and stent implantation to keep arteries open.
- Offer device or coil closure of atrial septal defects (ASD), ventricular septal defects (VSD), and patent ductus arteriosus (PDA).
- Conduct embolization procedures for bleeding vessels and arteriovenous malformations using coils and microspheres.

3. **Electrophysiology Services:**

- Diagnose and treat electrical abnormalities of the heart.
- Provide services such as radiofrequency ablation, pacemaker implantation, biventricular pacemaker placement, and cardioverter defibrillator implantation.

4. **Critical Care and Rehabilitation:**

- Manage a 12-bedded coronary care unit with invasive monitoring, ventilatory support, and dialysis facilities.
- Focus on cardiac resynchronization therapy and permanent pacing.
- Promote **holistic healing and rehabilitation** for heart failure patients.



Department of Community Medicine

1. Vision:

- To be a center of excellence in community medicine, fostering a new generation of physicians who are not only skilled clinicians but also community health leaders.
- To advance the health and well-being of rural and urban communities through education, research, and service

2. Mission:

- To provide quality education and training in community medicine in line with CBME guidelines.
- To instill a rural predisposition among students, preparing them to address the unique health challenges of rural populations.
- To engage in community-based projects and research that contribute to public health improvements.

3. Objectives:

1. To train students and residents in clinical and administrative skills necessary for effective community health management.
2. To conduct research that informs and improves community health policies and practices.
3. To maintain collaborations with government bodies, NGOs, and international organizations like ICMR and UNICEF for community health initiatives.
4. To innovate in medical education through programs like the family adoption program and the ARCH initiative.

Department of Haematology Department

1. Vision:

- To be a premier center for haematology in the region, renowned for its comprehensive care and innovative treatments in blood and marrow disorders.
- To achieve excellence in patient outcomes, striving for complete remission and cure of haematological diseases.

2. Mission:

- To provide advanced diagnostic and therapeutic services for a wide spectrum of blood cancers and haematological disorders.
- To collaborate with allied specialties such as Transfusion Medicine, Immunohematology, and Pathology to offer integrated care.
- To utilize ultra-modern technology and expertise to deliver personalized treatment plans aimed at achieving the best possible outcomes for patients.

3. Objectives:

1. To diagnose and treat blood cancers like Leukaemia, Myelomas, and Lymphomas with the latest medical advancements.
2. To manage disorders of low Haemoglobin, Anaemia, bleeding, and thrombotic disorders effectively.
3. To perform autologous and allogeneic stem cell transplantation for both benign and malignant disorders.
4. To ensure that all patients receive the highest standard of care and support from diagnosis through to treatment.

Child Development Center (CDC)

1. Vision:

- To be a center of excellence in pediatric neurodevelopment, providing holistic care and innovative solutions for children with developmental challenges.
- To harness the principles of neuroplasticity to ensure every child reaches their full potential.

2. Mission:

- To offer comprehensive services for early diagnosis and intervention in neurodevelopmental disorders.
- To provide family-centered care that supports not only the child but also the family as a whole.
- To integrate multidisciplinary approaches with a team of specialized professionals for optimal outcomes.

3. Objectives:

1. To identify and address developmental issues in high-risk newborns and children with various neurodevelopmental disorders.
2. To develop and implement individualized treatment plans that cater to the unique needs of each child.
3. To advance knowledge and practices in pediatric neurodevelopment through research and education.
4. To expand services such as the Pediatric Ophthalmology and CVI clinic to cater to all aspects of child development.

Department of Biochemistry

1. Vision:

- To be a global leader in biochemistry education and research, driving advancements in medical science and clinical practice.
- To foster innovation and discovery in biochemical processes that improve diagnostic accuracy and patient care.

2. Mission:

- To provide comprehensive education in biochemistry to students across all levels (MBBS, MD, Ph.D.).
- To conduct pioneering research that contributes to the scientific understanding of disease mechanisms and the development of new diagnostic tools.
- To offer clinical services that utilize the latest advancements in clinical biochemistry for accurate testing and diagnosis.

3. Objectives:

1. To equip students with a deep understanding of biochemical principles and their clinical applications.
2. To maintain state-of-the-art facilities for education and research, including a well-stocked library and advanced laboratories.
3. To engage in collaborative projects that enhance the scope of clinical biochemistry and its impact on healthcare.
4. To publish and disseminate research findings that contribute to the global body of knowledge in biochemistry.



Department of Anatomy

1. Vision:

- To be a leading institution in anatomical sciences, recognized for excellence in education, research, and innovation.
- To foster an understanding of the human body that enhances medical practice and advances healthcare.

2. Mission:

- To provide comprehensive education in anatomy to medical and paramedical students.
- To support clinical excellence through detailed anatomical knowledge and its application in medical procedures.
- To conduct cutting-edge research in surgical anatomy, neuroanatomy, embryology, and histology.

Objectives:

1. To equip students with a thorough understanding of human anatomy for their future medical careers.
2. To maintain and enhance the department's facilities, including the library, histology lab, museum, dissection hall, and research lab.
3. To collaborate with surgical specialties in providing training programs and workshops.
4. To adhere to and exceed the educational standards set by medical councils and educational bodies.

Department of Physiology

1. Vision:

- The Department of Physiology envisions fostering **critical thinking** and a learning process that spans different disciplines of biological sciences.
- The goal is to promote **high academic standards** and nurture holistic development in individuals, making them good human beings¹.

2. Mission:

- Instill **scientific temper** and **research aptitude** in the study of **Biological Chemistry, Cell Biology, and Human Physiology**.
- Inspire students to acquire and enrich knowledge and skills while embracing human values in their careers and lives.
- Develop confident, eco-friendly citizens who can make effective contributions to society in a dynamic environment

Objectives

1. Teaching:

- Impart knowledge through effective teaching, ensuring that students understand the normal functions of organ systems in the body.
- Foster scientific temper and research aptitude in the study of **Biological Chemistry, Cell Biology, and Human Physiology**.

2. Research:

- Strive to be on par with the quality of contemporary research in the field of physiology.
- Contribute to advancements in understanding physiological processes and their implications for health and disease.

Cardiology Department

1. Vision:

- The Cardiology Department envisions becoming a **global leader** in cardiovascular care.
- To be at the forefront of **research, innovation, and patient-centered care** in the field of cardiology.

2. Mission:

- Provide **state-of-the-art diagnostic and therapeutic services** for cardiovascular conditions.
- Develop **individualized treatment plans** for optimal patient outcomes.
- Offer comprehensive **preventive care and education** to reduce the burden of cardiovascular disease¹.

Objectives

1. Provide state-of-the-art diagnostic services for cardiovascular conditions.

- Offer adult and pediatric echocardiography, treadmill tests (TMT), transesophageal echocardiography (TEE), and 24-hour Holter monitoring.
- Conduct coronary angiography, peripheral angiography, and renal angiography.
- Perform SPECT and PET studies of the heart to provide metabolic and functional information.

2. Interventional Procedures:

- Perform coronary angioplasty and stent implantation to keep arteries open.
- Offer device or coil closure of atrial septal defects (ASD), ventricular septal defects (VSD), and patent ductus arteriosus (PDA).
- Conduct embolization procedures for bleeding vessels and arteriovenous malformations using coils and microspheres.

3. Electrophysiology Services:

- Diagnose and treat electrical abnormalities of the heart.
- Provide services such as radiofrequency ablation, pacemaker implantation, biventricular pacemaker placement, and cardioverter defibrillator implantation.

4. Critical Care and Rehabilitation:

- Manage a 12-bedded coronary care unit with invasive monitoring, ventilatory support, and dialysis facilities.
- Focus on cardiac resynchronization therapy and permanent pacing.
- Promote holistic healing and rehabilitation for heart failure patients.



Department of ENT

Vision:

- To be a **global leader** in improving health through innovation, excellence, and diversity in otolaryngology (ENT) and head & neck surgical practice, research, and education.
- Revolutionize understanding of our human senses and advance precision healthcare in ENT.

1. **Mission:**

- Deliver **exceptional, innovative care** in otolaryngology — head & neck surgery.
- **Advance frontiers of knowledge** through research and education.
- **Educate patients, clinicians, and researchers** who will serve and inspire the global community to expand what is possible in medicine.
- Foster a **collaborative, compassionate, and inclusive culture** that embraces diversity and social responsibility.

Objectives:

1. Provide **international standard quality of care** to patients with simple and complex ear, nose, and throat disorders.
2. Offer **corporate care at affordable prices** to economically disadvantaged populations through community service activities.
3. **Educate postgraduate and undergraduate students** through integrated teaching to produce globally competent ENT surgeons.
4. **Promote research**, especially in precision healthcare, to enhance patient outcomes and advance the field of otolaryngology.

Betsy

Dr. BETSY THOMAS
MD, FRCOG, DNB, MICOG
PRINCIPAL
AMALA INSTITUTE OF MEDICAL SCIENCES
AMALA NAGAR, TRISSUR-680 555

ANAESTHESIOLOGY

[Home](#) > [Departments](#) > [Anaesthesiology](#)



Overview

The Department of Anaesthesiology at Amala is a state-of-the-art department, dealing with perioperative care, postoperative set up and pain management, and also extending its services to all other clinical departments, thereby serving as its backbone.

Services of the department vary from helping out to get IV access in difficult cases, to Cardiopulmonary Resuscitation. There are ten fully-equipped Operation Theatres that function daily from 8.00 am, till the scheduled operations are over. Emergency Operations are undertaken round-the-clock under Anaesthesia coverage. All surgical departments are functioning in the Operation Theatre.

Facilities

- Pre-Anaesthetic Clinic: All elective cases are evaluated and prepared in the pre-anaesthetic clinic.
- Anaesthesia in remote locations like CT Scan, MRI, Radiotherapy, Endoscopy, Modified ECT.
- Intensive Care Units: Pain relief, resuscitation, respiratory support including mechanical ventilation.
- Emergency Medicine: Resuscitation and trauma care.
- Pain and Palliative Care: Pain relief and support care are offered to terminally ill cancer patients.
- Operating room: We have 13 operation theaters giving anaesthesia care for all surgical departments .

Services

Anaesthesia Care For All Surgical Departments

Our services includes

- Anaesthesia for Emergency surgeries .
- For elective general surgical cases
- Laparoscopic surgeries
- Obstetrics &Gynecology
- Orthopedic surgeries
- Oncosurgeries .
- CardioThoracic surgeries
- Plastic surgeries
- Neuro surgeries
- Paediatric surgeries



Average 500 Elective Cases Are Done Per Month



Amala Institute of Medical Sciences, Thrissur
Department of Forensic Medicine

VISION, MISSION & STRATEGIC PLAN

Vision

To be a center of excellence in Forensic Medicine education, research, and service by promoting scientific temper, ethical practice, and medico-legal awareness.

Mission

Impart quality undergraduate medical education in Forensic Medicine.

Integrate medico-legal knowledge with clinical practice.

Promote awareness and application of medical ethics, law and justice.

Strengthen interdepartmental and medico-legal collaboration.

Encourage research and innovation in Forensic Medicine and Toxicology

Strategic Objectives and Action Plan

A. Teaching & Learning

Implement competency-based UG education.

Use innovative methods: role-plays, moot courts, flipped classrooms, panel discussions, debates.

Conduct continuous assessments: pre/post-tests, spotters, record/logbooks.

Maintain and update museum, library, and e-resources.

B. Student Engagement

Promote student research: short studies, ICMR-STs projects.

Encourage participation in quizzes, poster making, debates, model presentations.

Strengthen feedback and mentorship.

C. Assessment & Evaluation



Ensure transparency: prepare answer keys, marking schemes.

Conduct mock exams for university preparation.

Maintain comprehensive student records.

D. Faculty Development

Attend CME programs, workshops to enhance academic skills.

Encourage research and publications.

Undertake self-appraisal and peer reviews.

E. Infrastructure & Resources

Upgrade museum, lab, and skill center with models, specimens, and AV aids.

Ensure adequate instruments and mannequins.

Develop e-learning tools in Forensic Medicine.

F. Medico-Legal Services & Hospital Linkage

Strengthen hospital linkage: involve in clinical forensic cases.

Collaborate with police and legal bodies: joint sessions, workshops.

G. Documentation for Quality Assurance

Maintain records: lesson plans, logbooks, attendance, internal marks.

Document teaching: PPTs, photos, schedules.

Archive assessments: spotters, model papers.

Record feedback: forms, action taken reports.

Faculty data: qualifications, CME, publications.

Infrastructure logs and committee minutes.

6. Monitoring and Review Mechanism

Monthly department meeting

Student feedback analysis

Peer and HOD evaluations



7. Future Plans

Develop a Digital Autopsy & Simulation Center

Launch certificate/elective courses in Legal Medicine and Toxicology.

Initiate an interdepartmental Forensic-Medico-Legal Clinic.

Develop and publish a Departmental Newsletter/Bulletin.

Enhance Medico-Legal Documentation Training and Promote Research



Betsy

Dr. BETSY THOMAS
MD, FRCOG, DNB, MICOG
PRINCIPAL
AMALA INSTITUTE OF MEDICAL SCIENCES
AMALA NAGAR, THRISSUR-680 555

STRATEGIC PLAN OF DEPARTMENT OF ANAESTHESIOLOGY

Clinical Excellence and Patient Safety

- a. Implement the latest anaesthesia techniques and protocols to improve patient outcomes .
- b. Adopt evidence based anaesthesia practices and integrate advanced monitoring systems .

Promote Research and Innovation

- a . Increase funding and support for research in anaesthesiology
- b. Encourage publication and presentation of research finding in reputable journals and conferences .

Construct a State of the Art OT Complex

- a. Design and build a new OT complex equipped with the latest technology and facilities .


Dr. Ratheesh P.



**Department of Community Medicine
AIMS, Thrissur**

Strategic plan

1. To maintain Academic excellence:
 - a. Our department prioritizes a student-centered, needs-based CBME curriculum, fostering value-based medical education in MBBS students, empowering them to become competent Indian Medical Graduates. This is to be achieved through theory classes, discussions, seminars, research projects, Clinico-Social Case Studies, health education talks to general public, laboratory and field work as well as Family Health Surveys, Family adoption program, Nutritional Assessment Surveys including diet surveys, training in Entomology, Parasitology, Statistics and Epidemiological Exercises and ARCH initiative.

- b. Post graduate student training aims to prepare Community Physicians of highest calibre who have basic understanding of clinical practice, obtained through thorough training of epidemiological principles and methods and the epidemiology of communicable and non-communicable diseases. Mould them into public health professionals by building a comprehensive foundation in statistical methods, the relevant aspects of the social sciences and the principles of administration and management and the ability to apply this knowledge to the management of health services and the study of diseases.

2. Research

1. To foster a research-driven culture by providing MBBS students with regular, research methodology workshops
2. To actively guide student research by providing support with formulating research questions and developing protocols.
3. Guide the faculty and post graduate students in formulating research questions and protocols.

3. Community programmes

1. To organize free medical camps in RHTC and UHTC areas wherein specialists examine patients and provide appropriate treatment.
2. The department regularly conducts Health Education sessions in schools, colleges, anganwadis, Mahila Samajams and also for other local organizations
3. The department extends its support to various NGOs for the conduct of medical camps, cancer screening camps, blood donation camps and health education sessions



4. The department plans and executes innovative programs, together with MBBS students, such as ARCH and Nanma program for the upliftment of neighbouring rural population.
5. The department delivers comprehensive school health programs across diverse educational institutions in the district.
6. In partnership with the District Health Services and NHM, we contribute to the implementation of a wide range of national health programs within the district.
7. There is active collaboration with the district health department to strengthen disease surveillance efforts in the district through IDSP
8. In a collaborative effort, the department leads the institute's PEID Cell, working alongside other departments to strengthen disease prevention and control initiatives
9. The department partners with the district TB centre to run the NTEP centre, offering accessible free testing and free TB treatment, promoting community health
10. Our department operates the ICTC centre in the institute, offering free, confidential HIV counseling and testing with minimal charges, ensuring accessible care for the community

Betsy

Dr. BETSY THOMAS
D, FRCOG, DNB, MICOG
PRINCIPAL
AMALA INSTITUTE OF MEDICAL SCIENCES
AMALA NAGAR, THRISSUR-680 555

Plan for 2024

1. Research Excellence Award 2024
2. Dermpath classroom and oration
3. Guest lectures
4. Gold medal exam for PG students
5. CPC with data uploading
6. More publications from the department
7. Periphery posting – inter college, inter state, international
8. Once a year camp at a distant place
9. Alumini meet and online alumini directory



Strategic Plan for Department of Anatomy - First MBBS

1. Curriculum Enhancement:

- Continuously review and update the anatomy curriculum to align with the latest advancements and best practices in medical education.
- Implement innovative teaching methods, including interactive lectures, small group discussions, case-based learning, and hands-on practical sessions in the dissection hall.
- Integrate clinical correlations and case studies into anatomy teaching to emphasize the relevance of anatomical knowledge in clinical practice.
- Utilize modern educational technologies such as virtual dissection software, 3D anatomical models, and multimedia resources to enhance learning experiences.

2. Faculty Development:

- Provide regular faculty development programs focused on enhancing teaching skills, updating anatomical knowledge, and incorporating active learning strategies into the curriculum.
- Encourage faculty members to engage in research and scholarly activities related to anatomy education, including curriculum development, assessment methods, and educational technology.

3. Student Support and Assessment:

- Offer academic support services such as tutoring, peer mentoring, and review sessions to help students master anatomical concepts and improve learning outcomes.
- Implement a variety of assessment methods including practical examinations, spotter tests, quizzes, and formative assessments to ensure comprehensive evaluation of student understanding.
- Provide timely feedback to students to guide their learning and address areas of improvement.

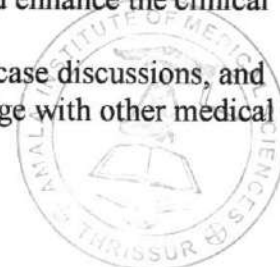
4. Resource Allocation:

- Allocate adequate resources for the anatomy department, including modern dissection tools, anatomical models, audiovisual equipment, and laboratory supplies.
- Ensure sufficient staffing levels to support small group teaching, practical demonstrations, and student supervision in the dissection hall.
- Maintain a conducive learning environment in the anatomy lab, including proper ventilation, lighting, and safety measures.

5. Collaboration and Interdisciplinary Integration:

- Foster collaboration with other departments, such as surgery, radiology, and pathology, to promote interdisciplinary learning and enhance the clinical relevance of anatomy education.
- Organize joint teaching sessions, multidisciplinary case discussions, and research projects that integrate anatomical knowledge with other medical specialties.

6. Continuous Quality Improvement:



- Establish mechanisms for ongoing evaluation and quality improvement of the anatomy curriculum, teaching methods, and assessment procedures.
- Solicit feedback from students, faculty members, and stakeholders to identify areas for improvement and implement appropriate changes.
- Monitor student performance data, course evaluations, and student satisfaction surveys to assess the effectiveness of the anatomy education program and make evidence-based decisions for improvement.

Betsy

Dr. BETSY THOMAS
MD, FRCOG, DNB, MICOG
PRINCIPAL
AMALA INSTITUTE OF MEDICAL SCIENCES
AMALA NAGAR, THRISSUR-680 555

