

POSTGRADUATE (PG) CURRICULUM – DEPARTMENT OF PEDIATRICS (NMC Aligned)

Overview:

The postgraduate curriculum in Pediatrics is designed as per National Medical Commission (NMC) guidelines to train specialists capable of independent practice, teaching, and research.

Goals:

- Provide advanced pediatric care including emergencies
- Develop diagnostic and therapeutic skills
- Train in neonatal and critical care
- Promote research and academic excellence
- Develop teaching and leadership skills

Clinical Training:

- Pediatric ward management
- NICU and PICU intensive training
- Emergency and casualty duties
- Subspecialty exposure (cardiology, neurology, nephrology, etc.)
- Immunization and high-risk clinics

Core Competencies:

Knowledge: Advanced pediatrics, neonatology, subspecialties

Skills: Procedures, critical care, ventilator management

AETCOM: Ethics, communication, counseling, professionalism

Procedures (Perform/Assist):

- Lumbar puncture
- Bone marrow aspiration
- Endotracheal intubation
- Umbilical catheterization
- Ventilator management

Teaching Responsibilities:

- Undergraduate teaching (lectures, bedside)
- Seminar presentations
- Journal club participation
- Case presentations

Research Activities:

- Thesis/dissertation work
- Publications and presentations
- Participation in conferences/CME

Assessment:

- Formative assessment (logbook, internal exams)
- Thesis evaluation
- Final university examination (theory, practical, viva)

Logbook:

- Record of procedures performed
- Academic activities
- Research progress

Community Pediatrics:

- Outreach programs
- National health programs
- Preventive pediatrics

Outcome:

To produce a competent pediatrician capable of independent clinical practice, teaching, and research.

Conclusion:

The PG curriculum ensures comprehensive training in clinical, academic, and research domains of Pediatrics.