

MD Paediatrics

Programme outcomes

At the end of the MD course in Paediatrics, the student should be able to :

- ❖ Recognize the key importance of child health in the context of the health priority of the country;
- ❖ Practice the specialty of Paediatrics in keeping with the principles of professional ethics;
- ❖ Identify social, economic, environmental, biological and emotional determinants of child and adolescent health, and institute diagnostic, therapeutic, rehabilitative, preventive and promotive measures to provide holistic care to children;
- ❖ Recognize the importance of growth, nutrition and development as the foundation of Paediatrics; and help each child realize her/his optimal potential in this regard;
- ❖ Take detailed history, perform complete physical examination including neurodevelopment and behavioral assessment and anthropometric measurements of the child and make clinical diagnosis;
- ❖ Perform relevant investigative and therapeutic procedures for the paediatric patient;
- ❖ Interpret important imaging and laboratory results; □
Diagnose illness in children based on the analysis of history,

Course outcomes

At the end of the course it should be able to produce a competent pediatrician who:

- ❖ Recognizes the health needs of neonates, infants, children and adolescents and carries out professional obligations in keeping with principles of National Health Policy and professional ethics;
- ❖ Has acquired the competencies pertaining to pediatrics that are required to be practiced in the community and at all levels of health care system;
- ❖ Has acquired skills in effectively communicating with the child, family and the community;
- ❖ Is aware of the contemporary advances and developments in medical sciences as related to child health;
- ❖ Is oriented to principles of research methodology and recent advances in Paediatrics;
- ❖ Has acquired skills in educating medical and paramedical professionals

physical examination and investigative work up;

- ❖ Plan and deliver comprehensive treatment for illness in children using principles of rational drug therapy;
- ❖ Plan and advice measures for the prevention of childhood disease and disability.
- ❖ Plan rehabilitation of children suffering from chronic illness and handicap, and those with special needs;
- ❖ Manage childhood emergencies efficiently;
- ❖ Provide comprehensive care to normal, ‘at risk’ and sick neonates;
- ❖ Demonstrate skills in documentation of case details, and of morbidity and mortality data relevant to the assigned situation;
- ❖ Recognize the emotional and behavioral characteristics of children, and keep these fundamental attributes in focus while dealing with them;
- ❖ Demonstrate empathy and humane approach towards patients and their families and respect cultural needs.
- ❖ Demonstrate communication skills of a high order in explaining management and prognosis, providing counseling and giving health education messages to patients, families and communities;
- ❖ Develop skills as a self-directed learner, recognize

continuing educational needs; use appropriate learning resources, and critically analyze relevant published literature in order to practice evidence- based paediatrics; Demonstrate competence in basic concepts of research methodology and epidemiology;

- ❖ Facilitate learning of medical/nursing students, practicing physicians, paramedical health workers and other providers as a teacher-trainer;
- ❖ Play the assigned role in the implementation of national health programs, effectively and responsibly;
- ❖ Organize and supervise the desired managerial and leadership skills; Function as a productive member of a team engaged in health care, research and education.