

INTRODUCTION

The Department of Pediatrics was established in the year 2013 under the headship of Dr. Jayant Prakash.. In a short journey of 3 years the Department of Paediatrics was raised from dust to one of the most well equipped department of this prestigious institute of the state.

Department of Paediatrics is actively involved in training MBBS, B. Sc Nursing and B. Sc. (MLT) students in both theoretical as well as practical aspects of Paediatrics. The theoretical aspects are supplemented by technological innovations in teaching Paediatrics. The Department of Paediatrics has achieved a milestone as the establishment of state of art level 3 NICU.



Infrastructure & Facilities:

1. **OPD:** The department is running paediatrics OPD in Room no. 19 and 20 of Main OPD Block. We are running speciality OPD six days a week (In Room no.19),a first of its kind in Bihar.

Sl. No	DAY	SPECIALITY
1.	MONDAY	PAEDIATRIC NEPHROLOGY
2.	TUESDAY	PAEDIATRIC PULMONOLOGY
3.	WEDNESDAY	PAEDIATRIC NEUROLOGY
4.	THURSDAY	PAEDIATRIC HAEMATOLOGY
5.	FRIDAY	WELL BABY and HIGH RISK CLINIC
6.	SATURDAY	PAEDIATRIC GASTROLOGY/ ENDOCRINOLOGY

2. **Indoor Facility:** We have round the clock facility of resident caring for admitted babies.
3. **Library:** A well stocked library with 50 books and over 100 volumes of scientific journals of different field. The department is free Wi-Fi zone which helps the faculty members and students to get instant access to internet for educational purpose

Faculty:

1		<p>Dr. Jayant Prakash MBBS, MD (Paediatrics), Additional Professor and Head Area of Interest: Paediatric Neurology and Haematology Phone : 8544413201 Email : jayant.dr@gmail.com IMR Details: 24470 / BCMR</p>
2		<p>Dr. Rakesh Kumar MBBS,MD Associate Professor Area of Interest : Paediatric Neurology and Gastroenterology Phone : 8544413187 Email : drjaiswalrakesh@gmail.com IMR Details : 34178/ BCMR</p>
3		<p>Dr. Rizwan Ahmar MBBS,MD Assistant Professor Area of Interest:Neonatology and Paediatric Pulmonology Phone : 8544401942 Email: rizpmch@gmail.com IMR Details : 34859 / BCMR</p>



Dr. Anand Kumar Gupta
MBBS,MD

Assistant Professor
Area of Interest: Paediatric Nephrology and Endocrinology
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MBBS Curriculum
LIST OF LECTURES

6th Semester

System/Specialty	S. No.	Topic
Introduction	1.	Overview of Paediatrics, Mortality and Morbidity indices
Growth and Development	2.	Principles of Growth, Normal pattern and Growth monitoring
	3.	Abnormal Growth, Approach to a child with short stature
	4.	Principles of Development and Normal milestones
	5.	Approach- Child with developmental delay
	6.	Common Behavioral problems-Enuresis/PICA/Breath holding spells
	Nutrition	7.
Fluid and Electrolytes	8.	Principles of fluid and electrolyte therapy in children
Immunization	9.	Principles of immunization, Schedules
	10.	Common Vaccines-Dose, Schedules and Adverse effects
	11.	Chicken pox
Infectious diseases	12.	Measles
	13.	Mumps and Rubella
	14.	Pertussis /Tetanus
	15.	Diphtheria
	16.	Enteric Fever

7th SEMESTER

System	S. N.	Topic
Respiratory	1.	Upper respiratory tract infections
	2.	LRTIs-Pneumonia
	3.	Bronchiolitis
	4.	Pulmonary TB-Etio-pathogenesis
	5.	Pulmonary TB-Diagnosis and Treatment
	6.	Bronchial Asthma
	7.	Bronchial Asthma-Demonstration
GIT	8.	Acute Diarrheal diseases
	9.	Persistent and Chronic diarrhea
	10.	Approach to a child with Jaundice
	11.	Acute viral Hepatitis
	12.	Portal Hypertension

8th SEMESTER

System	S. N.	Topic
Hematology	1.	Approach to Anemia
	2.	Iron deficiency Anemia
	3.	Thalassemia-Hemolytic Anemias
	4.	Megaloblastic Anemia
	5.	Aplastic Anemia
	6.	Approach to a bleeding child
	7.	ITP/Hemophilia
	8.	ALL
	9.	Lymphoma
Nephrology	10.	Approach to a child with Hematuria-PIGN
	11.	Approach to a child with Proteinuria-Nephrotic Syndrome
	12.	UTI including VUR
Cardiology	13.	Acute Kidney Injury/HUS
	14.	Approach to child with Congenital Heart Disease
	15.	ACHD-VSD/ASD/PDA
	16.	CCHD-TOF

	17.	Acute Rheumatic Fever
Neonatology	18.	Neonatal Resuscitation
	19.	Birth Asphyxia
	20.	Breast feeding
	21.	Neonatal Sepsis
	22.	Prematurity
	23.	Neonatal Jaundice
	24.	Hypothermia
Pediatric Emergencies	25.	Approach to a child with Status Epilepticus
	26.	Approach to a child with Acute severe Asthma
	27.	Approach to a child with Shock
	28.	Approach to a comatose child
	29.	Approach to a child with Poisoning
	30.	Approach to a child with Acute Liver Failure
	31.	Approach to a child with Congestive Cardiac Failure
	32.	Paediatric Resuscitation
9TH SEMESTER		
Pediatric Neurology	1.	Acute Pyogenic Meningitis
	2.	Tubercular Meningitis-I
	3.	Tubercular Meningitis-II
	4.	Seizure-Definition and classification
	5.	Seizure-Management
	6.	Febrile seizure
	7.	Cerebral Palsy
	8.	Acute flaccid Paralysis-I
	9.	Acute flaccid Paralysis-II
	10.	Approach to a child with Hemiplegia
	11.	Approach to a child with Paraplegia
	12.	Approach to a child with Mental Retardation
Endocrinology	13.	Hypothyroidism
Genetics	14.	Down's Syndrome
Nutrition	15.	PEM-I
	16.	PEM-II
Infections	17.	Pediatric HIV-I
	18.	Pediatric HIV-I
	19.	Malaria
	20.	Kala-azar
