

Annexure – I

Publication by faculty

S.No.	Faculty name	Publication in Vancouver referencing style	Pubmed Indexed Yes / No	Scopes
1.	Dr. Vishal Guglani	- Sood S, Azad C, Kaur J, Kumar P, Guglani V, Singla S. Role of cerebrospinal fluid tau protein levels as a biomarker of brain injury in pediatric status epilepticus. Int J Neurosci. 2021 Sep 15:1-9. - Azad C, Guglani V, Singh S, Siddiqui A. Disability and mortality in convulsive status epilepticus in children at 3 months follow up: A prospective study from India. JNRP (Accepted for publication 4/12/2021) - Mahajan V, Guglani V, Singla N, Chander J. Spectrum of Multiorgan Dysfunction in Scrub Typhus Infection. J Trop Pediatr. 2021 Aug 27;67(4):fmab074. - Jain R, Randev S, Kumar P, Guglani V. Acute Kidney Injury and Encephalopathy in a Child: Diethylene Glycol Poisoning. Indian J Pediatr. India2020. National (Indexed on Pubmed) - Singh J, Randev S, Kumar P, Mahajan V, Aggarwal P, Sharma A, Guglani V. A 16-year-old-girl with asthma, palpable purpura, and hypereosinophilia. Accepted in Chest-21-2460.R5 dated dec 5, 2021 - Goyal M, Guglani V, Kumar P, Randev S. Once-Daily vs. Twice-Daily Administration of Inhaled Budesonide for Mild and Moderate Well-Controlled Childhood Asthma: A Randomized, Controlled Trial. Indian Journal of Pediatrics. 2021;1-6. - Kumar P, Dhillon P, Jindal G, Randev S, Guglani V. Long standing paraparesis: A rare presentation of distal renal tubular acidosis. Archives of Medicine and Health Sciences. 2021;9(1):120. - Parminder K, Jain R, Guglani V, Randev S, Kumar P. Tropical Co Infections–A Diagnostic Dilemma: Case Series from Northern India. J Public Health Dis Prev. 2021;4:102. - Kaur P, Jain R, Kumar P, Randev S, Guglani V. Clinical Spectrum and Outcome of Acute Encephalitis Syndrome in Children with Scrub Typhus: A Series of Eight Cases from India. Indian J Crit Care Med. 2020;24(9):885-7. National (Indexed on Pubmed) - Azad C, Jat KR, Kaur J, Guglani V, Palta A, Tiwari A, Bansal D. Vitamin B₁₂ status and neurodevelopmental delay in Indian infants: a hospital-based cross-sectional study. Paediatr Int Child Health. 2020;40(2):78-84. - Azad C, Singh J, Guglani V. Infantile Tremor Syndrome Followed by West Syndrome: Effect or Continuation of Spectrum? J Trop Pediatr. 2020.fmaa014.	Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes	

		doi: 093/tropej/fmaa014. Online ahead of print.		
		- Arya A, Azad C, Mahajan V, Guglani V. Convulsive Status Epilepticus in Children: A Prospective Observational Study from India. Journal of Pediatric epilepsy(Accepted for publication: April 24 th 2020)	Yes	
		- Azad C, Guglani V, Kaur J, Aulakh R, Singh S, Banga S. Vitamin D Status of Epileptic Children in India: A Prospective Cross-Sectional Study from a Tertiary Care Centre. J Child Sci. 2020 Jan;10(01):e87–92.	Yes	
		- Arya Adhi, Chandrika Azad Mahajan Vidushi, Vishal Guglani. Convulsive Status Epilepticus in Children. A prospective observational study from India. J Pediatric Epilepsy June 2020. DOI:10.1055/s-0040-1712544.	Yes	
		- Kaur P, Kumar P, Randev S, Guglani V. Allergic bronchopulmonary aspergillosis without asthma or cystic fibrosis. Paediatr Int Child Health 2020 Aug 40(3):199-201.	Yes	
		- Singla N, Mahajan V, Chander J, Guglani V. Clinicoepidemiological and Genotyping Correlation of Pediatric Scrub Typhus from Chandigarh, India. Indian Pediatr. 2020 Apr 15;57(4):314-316.	Yes	
		- Banga Sumiti, Azad Chandrika, Gupta Rekha, Sawal Nishit, Mahajan Vidushi, Chander Jagdish, Guglani Vishal. Changing Clinico Radiological Spectrum of Intracranial Neurotuberculosis in children. A cross sectional study. J Cross Sectional Study. J Child Neurol 2020-02-0009. R1.	Yes	
		- Randev S, Gupta VK, Kumar P, Mahajan V, Angurana SK, Guglani V. Brain Hydatid in a Child. J Pediatr. 2018 Aug;199:280. doi: 10.1016/j.jpeds.2018.03.016. Epub 2018 Apr 23. PMID: 29699795.	Yes	
		- Angurana SK, Randev S, Guglani V. Is it status epilepticus? No, it is infantile tremor syndrome. Neurol India. 2019;67(1):332.	Yes	
		- Randev S, Kumar P, Dhillon P, Jindal G, Guglani V. Tropical pulmonary eosinophilia masquerading as asthma in a 5-year-old girl. Paediatr Int Child Health. 2018;38(3):231-4.	Yes	
		- Randev S, Kumar P, Guglani V. Vitamin D Supplementation in Childhood - A Review of Guidelines. Indian J Pediatr. 2018;85(3):194-201.	Yes	
		- Kumar P, Dhillon P, Randev S, Guglani V. Constricting bands over limbs. Pediatric on call Journal. 2017;14(4):97.	No	
		- Angurana SK, Guglani V. Vitamin D Deficiency in Critically ill. Indian J Crit Care Med 2017 Aug 21(8)-541-542.	Yes	
		- Kumar P, Jindal G, Guglani V. A case of anemia, how important is peripheral film before transfusing. Asian J Transfusion Sci Jan – June 2017;11:75-6.	Yes	
		- Singhal R, Jain S, Chawla D, Guglani V. Accuracy of New Ballard Score in Small-for-gestational Age Neonates. J Trop Pediatr [Internet]. [cited 2017 Aug 6];Available from	Yes	

		- Singla N, Mahajan V, Chander J, Guglani V. Clinicoepidemiological and genotyping correlation of Pediatric Scrub Typhus from Chandigarh, India. <i>Indian Pediatr</i> 2020;57(4):314-316. - Mahajan V, Siddiqui A, Tripathi RM, Jain R. A Seizuring Child: Accidental Ingestion of an Ancient Remedy. <i>Indian J Pediatr</i> 2021;88(3):298. - Mahajan V, Gupta R. AEFI Surveillance: the learning curve continues. <i>Indian Pediatr</i> 2018; 8 Aug 15;55(8):707. - Saini SS, Mahajan V. <u>Infant Feeding in HIV and Gastroesophageal Reflux</u>. <i>Indian Pediatr</i>. 2017 Feb 15;54(2):164. - Arya A, Azad C, Mahajan V, Guglani V. Convulsive Status Epilepticus in Children: A Prospective Observational Study from India. <i>J Pediatr Epilepsy</i> 2021;10(1):27-32 Book Chapter - Mahajan V. Neisseria infections: in PG Textbook of Pediatrics: Infections and Systemic disorders (volume 2) 2018. Jaypee Brothers Medical Publishers; 2nd edition (2018)	Yes Yes Yes Yes Yes	
6.	Dr. Pankaj Kumar	- Kumar P, Jindal G, Guglani V. A case of anemia, how important is peripheral film before transfusing. <i>Asian J Transfusion Sci</i> Jan – June 2017;11:75-6. - Randev S, Kumar P, Guglani V. Vitamin D Supplementation in Childhood – A Review of Guidelines. <i>Indian J Pediatr</i> 2017 DOI 10.1007/s12098-017-2476-0. - Randev S, Kumar P, Dhillon P, Jindal G, Guglani V. Tropical pulmonary eosinophilia masquerading as asthma in a 5-year-old girl. <i>Paediatr Int Child Health</i> 2017 May 10:1-4. - Angurana SK, Kumar P. Assessing Feasibility of Randomized Controlled Trials of Corticosteroids in Pediatric Septic Shock in Developed Countries: Only Half the Answer to the Problem. <i>Pediatr Crit Care Med</i> 2017;18:1087. - Angurana SK, Kumar P. Only oxygen for bronchiolitis. <i>Chest</i> 2017 ;152:1093-94. - Kumar P, Dhillon P, Randev S, Guglani V. Constricting bands over limbs. <i>Pediatric On Call Journal</i> 2017 : 14(4). DOI : 10.7199/ped.oncall.2017.48 - Randev S, Gupta VK, Kumar P, Mahajan V, Angurana SK, Guglani V. Brain Hydatid in a child. <i>J Pediatr</i> 2018. https://doi.org/10.1016/j.jpeds.2018.03.016. - Kaur P, Kumar P, , Randev S, Guglani V. Allergic bronchopulmonary aspergillosis without asthma or cystic fibrosis. <i>PAEDIATRICS AND INTERNATIONAL CHILD HEALTH</i> https://doi.org/10.1080/20469047.2020.1744872 - Yadav R, Vaidya P, Mathew JL, Verma S, Khaneja R, Agarwal P, Kumar P, Singh M, Sethi S. Utility of Xpert MTB/RIF Assay for Diagnosis of Pediatric Tuberculosis Under Programmatic Conditions in India. <i>J Epidemiol Glob Health</i>.	Yes Yes Yes Yes No No Yes Yes Yes	

		2020 Jun; 10(2):153-156. - Jain R, Kumar P. Challenging Management of Refractory Metabolic Acidosis and Acute Kidney Injury in a Child with Diabetic Ketoacidosis. <i>Indian J Critical Care Med</i> 2020 :24:475-6. - Kaur P, Jain R, Kumar P, Randev S, Guglani V. Clinical Spectrum and Outcome of Acute Encephalitis Syndrome in Children with Scrub Typhus: A Series of Eight Cases from India. Indian J Crit Care Med. 2020 Sep; 24(9): 885–887 - Jain, R., Randev, S., Kumar, P. <i>et al.</i> Acute Kidney Injury and Encephalopathy in a Child: Diethylene Glycol Poisoning. <i>Indian J Pediatr</i> 88, 194–195 (2021). - Kaur P, Jain R, Guglani V, Kumar P, Randev S. Tropical Co Infections -A Diagnostic Dilemma: A Case Series from Northern India. <i>J Public Health Dis Prev</i> 4:102. - Goyal M, Guglani, V, Kumar P, Randev S. Once-Daily vs. Twice-Daily Administration of Inhaled Budesonide for Mild and Moderate Well-Controlled Childhood Asthma: A Randomized, Controlled Trial. <i>Indian J Pediatr</i> (2021). https://doi.org/10.1007/s12098-021-03753-1 - Kumar P, Dhillon P, Jindal G, Randev S, Guglani V. Long Standing paraparesis: A rare presentation of distal renal tubular acidosis. <i>Arch Med Health Sci</i> 2021;9:120-2. - Mittal K, Cheema R, Mahajan V, Kumar P, Kaur R, Sood T, Kaur P. Challenges in management of atypical hemolytic uremic syndrome: Bottle neck in resource limited settings. <i>Transfusion Clinique et Biologique</i>, 2021. ISSN 1246-7820, https://doi.org/10.1016/j.tracli.2021.07.002.	Yes Yes Yes Yes Yes Yes Yes	
7.	Dr. Vipul Gupta	- Gupta V, Jindal G. State of the glob: Multisystem inflammatory syndrome in children – did the COVID-19 pandemic actually handle kids with gloves? <i>J Global Infect Dis</i> 2021; 13:157-8. - Samprathi M, Gupta V, Jayashree M, Bansal A, Baranwal A, Nallasamy K. Epidemiology and Outcomes of Early Morning Neuroparalytic Syndrome Following Snake Bite—A Retrospective Study. <i>J Trop Pediatr</i>. 2020 Aug 1;66(4):435–40. - Gupta K, Gupta VK, Jayashree M, Muralindharan J, Singhi S. Randomized controlled trial of interrupted versus continuous sedative infusions in ventilated children. <i>Pediatr Crit Care Med</i> J. 2012 Mar;13(2):131–5. - Vipul Kumar Gupta, Geetanjali jindal, Usha R. dalal, vishal guglani. Mucormycosis presenting as acute abdomen in an immunocompetent child. <i>J Pediatr Infect Dis</i>. 2015;(00):1–3. accepted for publication - Jindal G, Gupta V, Kaur R, Guglani V. Appropriateness of Blood component transfusion in children in a tertiary care teaching hospital. <i>Pediatr on Call J</i>. 2015	Yes Yes Yes Yes Yes	

		Sep;12(3):69-75. - Maini B, Gupta VK, Narang S. Septic shock due to tuberculosis in Down syndrome. Indian Pediatr. 2012 Jun;49(6):481–2. - Narang S, Maini B, Gupta V, Gupta G, Singal R, Gupta S. A rare clinical case of an unfortunately current pathology - foreign bodies. Mædica. 2012 Sep;7(3):251–3. - Suresh kumar, Vipul Gupta, Sunit Singhi. Passage of Elemental Mercury Per Rectum in an Infant. J Ration Pharmacother Res. 2014 Jun;2(2):50–2. - Gupta V Narang S,. Short course antibiotics in neonatal sepsis. Indian Pediatr. 2011 Aug;48(8):658; author reply 658. - Maini B, Gupta V. Short course of antibiotics in neonatal sepsis. Indian Pediatr. 2011 Aug;48(8):657–8; author reply 658. - Jindal G, Parmar VR, Gupta VK. Ectrodactyly/split hand feet malformation. Indian J Hum Genet. 2009 Sep;15(3):140–2. - Jindal G, Parmar VR, Gupta VK. Isolated ptosis as acute ophthalmoplegia without ataxia, positive for anti-GQ1b immunoglobulin G. Pediatr Neurol. 2009 Dec;41(6):451–2. - Suresh Kumar, Abhijit Choudhary, Mahammad Ali, Vipul Gupta, Jayashree Muralidharan. Sulfonylurea Poisoning in a Healthy Toddler. The Indian Journal of Pediatrics. 2017;84(2):147-149. - Kaur P, Gupta V, Jain R, Sood S. Desquamating Rash with Hepatitis. Pediatr Oncall J. 2021;18: 32-33. - Jasmine Singh, Vipul Gupta, Ashwini Kumar Dalal, Ravinder Kaur, Narinder Kaur and Vishal Guglani. Pyogenic Liver Abscess leading to IVC Syndrome. Asian Journal of Case Reports in Surgery. 2021;7(4):22-26 Book Chapter: - Vipul Gupta, Geetanjali Jindal. Epilepsy Syndromes in Children. Frontiers in Pediatric Neurology. Jay Pee Publishers - Contribution as Author: IAP ALS Handbook - Sukhmeet Singh, Vipul Gupta. Cardio-Pulmonary Resuscitation. Critical Care Nursing Manual - Contributor as Author: IAP Advanced Life Support Courses Instructor Manual	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
8.	Dr. Shivani Randev	- Barthwal S, Kaur N, Kaur R, Zaidi R, Randev S. Magnetic Resonance Imaging in Subacute Sclerosing Panencephalitis: Two Case Reports and Review of Literature. Cureus. 2021;13(10):e19161. - Goyal M, Guglani V, Kumar P, Randev S. Once-Daily vs. Twice-Daily Administration of Inhaled Budesonide for Mild and Moderate Well-Controlled Childhood Asthma: A Randomized, Controlled Trial. Indian Journal of Pediatrics. 2021;1-6.	Yes Yes	

		- Jain R, Randev S, Kumar P, Guglani V. Acute kidney injury and encephalopathy in a child: diethylene glycol poisoning. The Indian Journal of Pediatrics. 2021;88(2):194-5.	Yes	
		- Kumar P, Dhillon P, Jindal G, Randev S, Guglani V. Long standing paraparesis: A rare presentation of distal renal tubular acidosis. Archives of Medicine and Health Sciences. 2021;9(1):120.	No	
		- Parminder K, Jain R, Guglani V, Randev S, Kumar P. Tropical Co Infections–A Diagnostic Dilemma: Case Series from Northern India. J Public Health Dis Prev. 2021;4:102.	No	
		- Jat KR, Kumar P, Mukherjee A, Randev S, Jose B, Kalaivani M, et al. Wheezing in Preschool Children and Total IgE Levels: A Birth Cohort Study. Indian Pediatr. 2020;57(3):235-8.	Yes	
		- Kaur P, Jain R, Kumar P, Randev S, Guglani V. Clinical Spectrum and Outcome of Acute Encephalitis Syndrome in Children with Scrub Typhus: A Series of Eight Cases from India. Indian J Crit Care Med. 2020;24(9):885-7.	Yes	
		- Kaur P, Kumar P, Randev S, Guglani V. Allergic bronchopulmonary aspergillosis without asthma or cystic fibrosis. Paediatr Int Child Health. 2020;40(3):199-201.	Yes	
		- Kumar P, Mukherjee A, Randev S, Jat KR, Lodha R, Kabra SK. Normative Data of Infant Pulmonary Function Testing: A Prospective Birth Cohort Study from India. Indian Pediatr. 2020;57(1):25-33.	Yes	
		- Kumar P, Mukherjee A, Randev S, Medigeshe GR, Jat KR, Kapil A, et al. Effect of acute respiratory infections in infancy on pulmonary function test at 3 years of age: a prospective birth cohort study. BMJ Open Respir Res. 2020;7(1).	Yes	
		- Kumar P, Mukherjee A, Randev S, Medigeshe GR, Jat KR, Kapil A, et al. Epidemiology of coronavirus infection in children and their impact on lung health: finding from a birth cohort study. Pediatr Infect Dis J. 2020.	Yes	
		- Randev S. Malnutrition in Infants under 6 months: Is it Time to Change Recommendations? Indian J Pediatr. 87. India2020. p. 684-5.	Yes	
		- Angurana S, Randev S, Guglani V. Is it status epilepticus? No, it is infantile tremor syndrome. Neurology India. 2019;67(1):332-.	Yes	
		- Randev S, Gupta VK, Kumar P, Mahajan V, Angurana SK, Guglani V. Brain Hydatid in a Child. J Pediatr. 2018;199:280.	Yes	
		- Randev S, Kumar P, Dhillon P, Jindal G, Guglani V. Tropical pulmonary eosinophilia masquerading as asthma in a 5-year-old girl. Paediatr Int Child Health. 2018;38(3):231-4.	Yes	
		- Randev S, Kumar P, Guglani V. Vitamin D supplementation in childhood—a review of guidelines. The Indian Journal of Pediatrics. 2018;85(3):194-201.	Yes	
		- Kumar P, Medigeshe GR, Mishra VS, Islam M, Randev S, Mukherjee A, et al. Etiology of Acute Respiratory Infections in Infants: A Prospective Birth Cohort	Yes	

		Study. Pediatr Infect Dis J. 2017;36(1):25-30. - Randev S. The system needs to change to tackle violence against doctors in India. The BMJ opinion. 2017.	No	
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Medical Educator Training / Research methodology and dates

S.No.	Name of Faculty	Description
1.	Dr. Vishal Guglani	- Curriculum Implementation Support Programme held from 26th August to 27th August, 2020 at GMCH-32, Chandigarh under aegis of MCI Nodal Centre, Christian Medical College, Ludhiana - Online Basic Course in Biomedical Research, Cycle-4A on 24th October, 2021.
2.	Dr. Roosy Aulakh	- ICMR/NIE NPTEL Basic Course in Biomedical Research, September – December, 2019
3.	Dr. Chandrika Azad	- Revised Basic Course Workshop on Medical Education & Training held on 20th to 22nd August, 2018 at GMCH-32, Chandigarh under supervision of National Medical Commission, Nodal Centre for Faculty Development, Christian Medical College, Ludhiana. - AITCOM workshop on 23rd August, 2018 at GMCH-32, Chandigarh - Curriculum Implementation Support Programme held from 11th to 12th August, 2020 at GMCH-32, Chandigarh under aegis of MCI Nodal Centre, Christian Medical College, Ludhiana
4.	Dr. Geetanjali Jindal	- NPTEL BCBR cycle 4 - ICT training 2020
5.	Dr. Vidushi Mahajan	- Revised Basic Course Workshop on Medical Education & Training held on 5th to 7th August, 2021 at GMCH-32, Chandigarh under supervision of National Medical Commission, Nodal Centre for Faculty Development, Christian Medical College, Ludhiana. - Curriculum Implementation Support Programme held from 26th August to 27th August, 2020 at GMCH-32, Chandigarh under aegis of MCI Nodal Centre, Christian Medical College, Ludhiana - Online Basic Course in Biomedical Research, Cycle-3A on 21st March, 2021.
	Dr. Pankaj Kumar	- Basic Course in Biomedical Research (BCBR) on 22nd August, 2021
7.	Dr. Vipul Gupta	Research: - Randomised controlled trial of Continuous versus interrupted sedative infusion in Mechanically ventilated Children- A Pilot Study (Thesis During MD Pediatrics) - Prevalence and outcome of Sepsis Associated Encephalopathy (SAE) in Children - Clinico-epidemiological Profile of Children presenting with Snake Envenomation- Five year experience at Tertiary Care Centre of North India . - Evaluation of effectiveness of a 'triage' system in streamlining and prioritizing emergency care (ICMR CAR Pediatric Emergency Care). - "Inter-rater reliability of Triage system in GMCH Pediatric Emergency"; GMCH, Chandigarh, India. - Incidences of Ventilator associated respiratory infections in open v/s closed critical care settings in Children"; GMCH, Chandigarh, India

		Medical Education training/research methodology: - BCBR NPTEL cycle 4 - ICT Training 2021
8.	Dr. Shivani Randev	- Revised Basic Course Workshop on Medical Education & Training held on 5th to 7th August, 2021 at GMCH-32, Chandigarh under supervision of National Medical Commission, Nodal Centre for Faculty Development, Christian Medical College, Ludhiana. - Curriculum Implementation Support Programme held from 26th August to 27th August, 2020 at GMCH-32, Chandigarh under aegis of MCI Nodal Centre, Christian Medical College, Ludhiana - Online Basic Course in Biomedical Research, Cycle-3A on 21st March, 2021.

Annexure – II

Topics covered yearly in MBBS Batch

-	Arthritis: Etiology & Juvenile Idiopathic Arthritis
-	Cystic Fibrosis
-	Systemic Lupus Erythematosus & Juvenile Dermatomyositis
-	Vasculitides
-	Fluid & Electrolyte Disturbances
-	Acute Rheumatic Fever & Rheumatic Heart Disease
-	Hemodynamics Clinical Features and Management of Acyanotic Heart Disease ASD/VSD/PDA
-	Hemodynamics Clinical Features and Management of Cyanotic Heart Disease -TOF
-	Congestive Cardiac Failure
-	Hypertension
-	Bacterial Endocarditis Pericardial Effusion, Myocarditis
-	Down Syndrome
-	Upper Respiratory Tract /infection
-	Foreign Body Aspiration/Pneumothorax/Pleural Effusion
-	Bronchiolitis/Cystic Fibrosis
-	Pulmonary Tuberculosis
-	Approach to child with Status Epilepticus
-	Approach to child with Acute Severe Asthma
-	Approach to child with Shock and anaphylaxis
-	Approach to child with Hypertensive Emergencies
-	Approach to child with Gastrointestinal Bleed
-	Approach to a Comatose Child
-	Approach to child with Acute Renal Failure
-	Approach to child with Congestive Cardiac Failure
-	Approach to child with Status Epilepticus
-	Acute UTI: Etiology, Clinical features, diagnosis and management .
-	Obstructive Uropathy: Causes and diagnosis
-	Diabetes Mellitus- Etiology Clinical features and management.
-	Thyroid Disorder in Children
-	Recurrent UTI: Etiology, Clinical features, diagnosis and management .
-	Acute Renal Failure: Diagnosis and Principles of Management
-	Chronic Renal Failure: Diagnosis and Principles of Management
-	Acute Post-streptococcal Glomerulonephritis: Etiopathogenesis, Clinical features, diagnosis, complications and management .

-	Nephrotic Syndrome: Etiopathogenesis, Clinical features, diagnosis, complications and management .
-	Hematuria : Causes and Approach
-	Juvenile rheumatoid arthritis: Diagnosis and management
-	Henoch Schonlein purpura: Diagnosis and management
-	Breast Feeding & Complimentary Feeding
-	National Immunization Program & IAP Vaccination Schedule
-	Obesity-Definition, Causes & Management
-	Assessment of Nutritional Status of a Child based on history & physical examination
-	Storage/Dose/Site/Route/Contra-Indication& Adverse Reactions
-	Protein Energy Malnutrition Definition, Classification & Management.
-	Vitamin Deficiencies –Etiopathogenesis, Clinical Features, Biochemical & Radiological Findings, Differentials & Management
-	BCG, DPT, OPV, Measles, MMR, Hepatitis-B & Typhoid-Types/Contents/Efficacy Storage/Dose/Site/Route/Contra-Indication& Adverse Reactions
-	Protein Energy Malnutrition Definition, Classification & Management.
-	Vitamin Deficiencies –Etiopathogenesis, Clinical Features, Biochemical & Radiological Findings, Differentials & Management
-	National Immunization Program & IAP Vaccination Schedule
-	Diagnosis , Management and Prevention of Iron Deficiency Anaemia
-	Approach to Bleeding Child
-	Approach to child with Anaemia with Lymphadenopathy and/ or Hepatosplenomegaly
-	C/F, Investigations and Management of Thalassemia
-	Diagnosis , Management and Prevention of Megaloblastic Anaemia
-	Diagnosis & Principles of Management of Lymphomas
-	Diagnosis & Principles of Management of Acute Leukemia
-	HIV
-	Malaria/Leishmaniasis/Filariasis
-	Poliomyelitis and Rabies
-	Bronchial asthma: Etiopathogenesis, clinical picture, classification, management
-	Management of acute severe asthma
-	Pneumonia: Etiology, clinical picture, management
-	Pulmonary tuberculosis: Infection Vs disease, etiopathogenesis, diagnostic criteria in children, newer diagnostic techniques, radiological patterns
-	Revised RNTCP
-	National ARI Programme (WHO<5 Years)
-	Approach to Foreign Body Aspiration/Pneumothorax/Pleural Effusion and Empyema
-	Viral exanthematous fever I
-	Viral exanthematous fever II
-	Causes & Classification of Anaemia based on Etiology & Morphology
-	Fever with rash I
-	Fever with rash II

-	Approach to case of fever
-	Diphtheria/ whooping cough
-	Mumps/Tetanus
-	Dengue fever and Chikungunya
-	Poliomyelitis and Rabies
-	Enteric fever
-	Viral hepatitis
-	Influenza
-	Intestinal infections: Amoebiasis, Giardiasis, Intestinal Helminthic
-	Rickettsial diseases
-	Vital Statistics in Pediatrics
-	Growth: Normal Pattern and Principles
-	Anthropometric measurements and Growth charts
-	Abnormal Growth patterns
-	Development : Principles and normal milestones
-	Abnormal development : Etiology and management
-	Common behavioural problems in children(BHS, N enuresis, Temper tantrums, Pica)
-	ASD, ADHD, Dyslexia
-	Infant and Young child feeding
-	Deficiency disorders of vitamins and trace elements I
-	Deficiency disorders of vitamins and trace elements II
-	Protein Energy Malnutrition : Etiology, assessment
-	Protein Energy Malnutrition: Management
-	Clinical aspects of fluid and electrolyte balance in children
-	Approach to a child with Acute diarrhoea
-	Persistent diarrhoea: Etiology, clinical features and management , including dietary therapy
-	Principles of Immunization, vaccine preservation
-	Immunization schedules(National and IAP), , vaccines for special circumstances
-	Investigations and reporting of vaccine preventable diseases, AFP and Measles Surveillance, ARV
-	Vital Statistics in pediatrics
-	Growth: Normal Pattern and Principles
-	Anthropometric measurements and Growth charts

