

**MD (Microbiology)**  
**Title (Plan of Thesis)**  
**(Session 2014-2017)**

S.No.	Title (Plan of Thesis)
1.	Study of profile and antibiogram of bacterial isolates in pediatric patients from outdoor, indoor and ICU in a Tertiary Care Hospital, New Delhi.
2.	A study of Vulvovaginal candidiasis in pregnant females.
3.	Sero-prevalence of Viral Co-infections in clients/patients at centre for HIV Testing.
4.	Role of Mycoplasma Pneumoniae in children with encephalitis.
5.	To compare mycobacteria growth indicator tube (MGIT) and cartridge based nucleic acid amplification test (CBNAAT) in diagnosis of osteoarticular tuberculosis.
6.	Association of Interleukin-2 (IL-2), IL-4 and IL-10 with dengue serotype and severity.
7.	A study of occurrence of fungal pneumonia in diabetes mellitus patients and its correlation with HbA1C levels.
8.	To compare mycobacteria growth indicator tube (MGIT) and cartridge based nucleic acid amplification test (CBNAAT) in the diagnosis of tubercular meningitis in children.
9.	Comparison between polymerase chain reaction and nested polymerase chain reaction for detection of Mycoplasma Pneumoniae in Pediatric lower respiratory tract infections.
10.	A study of fungal infections in pneumonia among patients of chronic pulmonary disease.
11.	Study of procalcitonin, C-reactive protein and interleukin-6 as biomarkers in the diagnosis of sepsis in children.

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12.	Diagnosis of Viral Pathogens in children with acute encephalitis syndrome with special reference to real time PCR.
13.	Antibiotic sensitivity pattern of clinical isolates of MRSA with special reference to cryptic linezolid resistance.
14.	Front loading sputum microscopy: An alternative approach for diagnosis of pulmonary tuberculosis.
15.	Intestinal microsporidiosis in HIV seropositive individuals: A comparative evaluation of microscopy with nucleic acid amplification.
16.	Nucleic Acid testing in dengue fever and its epidemiological utility.
17.	Occurrence of Cryptococcus neoformans species complex in HIV and non-HIV patients of tuberculosis.
18.	Characterisation of virulence properties of pseudomonas aeruginosa isolates from hospitalised patients.
19.	Molecular detection of pathogens causing central nervous system infections in a tertiary care centre.