

जायक क्रमांक 800  
 पुस्तकालय विभाग  
 संसदीय वैद्यकीय महाविद्यालय  
 नागपूर दिनांक:- 29/06/2021

**DEPARTMENT OF MICROBIOLOGY  
 GOVT. MEDICAL COLLEGE, NAGPUR**

**P.G. Activity – Seminars**

**Day – Every Wednesday  
 Time 2-3 P.M.**

**w.e.f. dt.21/06/2021**

S.N	Topic	Resident	Teacher I/c
1.	Immunity in fungal infections.	Dr. Madhusudan	Dr. V. Agarwal
2.	a) Enumerate various virulence factors of Staphylococcus aureus. Write their role in human diseases (4 + 6 Mark). b) Discuss toxin mediated staphylococcal diseases (10 Mark).	Dr. Rohini  Dr. Titirsha	Dr. S. Zodape
3.	a) MRSA : - Mechanism of resistance (2 Mark). - Phenotypic methods of detection (2Mark). - Genotypic methods of detection (2 Mark). - Hospital MRSA types, prevalence and clinical implications ( 4 Mark). b) Discuss hospital and community associated MRSA (10 Mark). Write in detail the treatment options and threat of emergence of drug resistance in MRSA. (5 Mark).	Dr. Sonakshi  Neha S.	Dr. S. Tankhiwale
4.	a) List commonly isolated CONS from human infections (3 Mark). Enumerate various infections (3 Mark) produced by them and their pathogenesis. (4 Mark). b) Give a schematic representation of their lab diagnosis. (10 Mark)	Dr. Diptanu  Dr. Thenmozhi	Dr. M. Qazi
5.	a) Classify streptococci (3 Mark). Describe the virulence factors (4Mark) and spectrum of disease (3 Mark) caused by Streptococcus pyogenes. b) Group B streptococci (10 Mark).	Dr. Prema  Dr. Anjali	Dr. S. Kokate