

**ESIC MEDICAL COLLEGE AND HOSPITAL, SANATHNAGAR, HYDERABAD – 38
ON GOING PROJECTS IN DEPARTMENT OF MICROBIOLOGY 2024**

Sl no	Project Title	Name of principal Investigator/ student	Name of Guide/ Name of co-investigators	IEC NUMBER/University no(if applicable)
1	A comparative analysis of anti myco bacterial drug susceptibility pattern in microbiologically confirmed tuberculosis patients in pre covid, covid and post covid era	Dr. Manisha S. Mane	Dr. V. Prathyusha Pedapati, Dr. A. Rajesham, Dr. C. Sumalatha, Dr. Devi Nageshwari, Dr. Kala Harika, Dr. Syeda Saba Hashmiya, Dr. Sudha Bala, Dr. Devidas Tondare	ESICMC/SNR/IEC -F595/06-2024
2	Assessment of compliance to surgical anti biotic prophylaxis protocol by varies surgical speciality terms in a tertiary care teaching hospital	Dr. V. Prathyusha	Dr. Manisha S. Mane Dr. Syeda Saba Hashmiya, Dr. Spurthy D. Dr. D. Shireesha Dr. Iqra Anjum Dr. G. Bhavishya Dr. M. Wajid	ESICMC/SNR/IEC -F592/06-2024
3	Clinico mycological study of dermatophytes in a tertiary care centre	Dr. D. Spurthy	Dr. Syeda Saba Hashmiya, Dr. Archana, Dr. Manisha S. Mane Dr. Iqra Anjum, Dr. Ratish, Dr. D. Shireesha	ESICMC/SNR/IEC -F602/06-2024
4	Systemization in infection control in patients and health care workers in a tertiary care centre	Dr. D. Spurthy	Dr. Manisha S Mane, Dr. Shireesha D, Dr. V Prathyusha Pedapati, Dr. M Wajid, Dr. Ramya, Dr. G Bhavishya	ESICMC/SNR/IEC -F601/06-2024
5	Clinico microbiological profile of recurrent pregnancy loss with special reference to auto immune parameters	Dr. Syeda saba Hashmiya	Dr. Manisha S. Mane, Dr. Anees Aisha Dr. Shireesha D. Dr. Riya Mondal	ESICMC/SNR/IEC -F594/06-2024
6	Impact of antimicrobial stewardship interventions .A Double diamond approach	Dr. Syeda saba Hashmiya	Dr. Manisha S. Mane Dr. V. Prathyusha Pedapati, Dr. D. Spurthy Dr. A. Ratish Kumar Goyal Dr. Marapalli Sindhoora	ESICMC/SNR/IEC -F593/06-2024

			Dr. Ramya Rajendran	
7	Microbiological spectrum skin and soft tissue infections and their antimicrobial susceptibility pattern in a tertiary care hospital	Dr. D. Shireesha	Dr. Syeda Saba Hashmiya Dr. Manisha S. Mane Dr. Spurthy D. Dr. M Wajid Dr. Iqra Anjum	ESICMC/SNR/IEC -F599/06-2024
8	Clinico microbiological profile of neonatal septicemia in a tertiary care hospital	Dr. D. Shireesha	Dr. V. Prathyusha Pedapati Dr. Manisha S Mane Dr. Bharati Dr. M. Wajid Dr. Spurthy D, Dr. G. Bhavishya	ESICMC/SNR/IEC -F598/06-2024
9	Clinical spectrum and microbiological profile of otitis media in a tertiary care hospital in southIndia	Dr. Iqra Anjum	Dr. D Spurthy, Dr. Manisha S Mane Dr. Sanjay Kishve Dr. M.Wajid, Dr. G Bhavishya Dr. D Shireesha	ESICMC/SNR/IEC -F597/06-2024
10	A cross sectional study of clinic microbiological profile of orthopaedic implant associated infections in patients attending a tertiary care teaching hospital in India	Dr. G. Bhavishya	Dr. M. Wajid Dr. Manisha S. Mane Dr. Anil, Dr. Iqra Anjum, Dr D Shireesha	ESICMC/SNR/IEC -F600/06-2024
11	Prevalence,risk factors and antimicrobial susceptibility profile of methicillin resistant staphylococcus aureus in a tertiary care centre	Dr. Agarwal Ratish kumar goyal	Dr. Mahamad Wajid Dr. Manisha S Mane Dr. D. Spurthy	ESICMC/SNR/IEC -S0340/02-2024
12	A study on phenotypic detection of carbapenemase activity among gram negative bacilli isolated in a a tertiary care hospital with special reference to environmental isolates	Dr. Marapalli Sindhoora	Dr. Manisha S Mane	ESICMC/SNR/IEC -S0341/02-2024
13	A study on the analysis of antimicrobial stewardship indicators and antibiotic susceptibility patterns in intensive care unit in a tertiary care teaching hospital in Hyderabad	Dr. Ramya Rajendran	Dr. Manisha S. Mane	ESICMC/SNR/IEC -S0342/02-2024

14	Sero prevalence of CMV infections in immunocompetent individuals	Dr. V. Prathyusha	Dr. M. Wajid, Dr. Syeda Saba Hashmiya	ESICMC/SNR/IEC -F517/03-2023
15	Rapid and Sensitive Detection of Salmonella enterica by Loop Mediated Isothermal Amplification in a Tertiary Care Hospital	Dr. Jyothi Doddi	Dr. Manisha S. Mane	ESICMC/SNR/IEC -S0403/06-2024
16	Candidemia in Neonatal Intensive Care Unit: Associated risk factors and its Antifungal susceptibility profile in a Tertiary Care Centre	Dr. Ramya Rajendran	Dr Manisha S. Mane	ESICMC/SNR/IEC -S0405/06-2024
17	A cross sectional study on microbiological profile and antimicrobial sensitivity pattern in patients with lower respiratory tract infection in tertiary care hospital	Dr. Bonu Revathi	Dr. Mahamad Wajid	ESICMC/SNR/IEC -S0233/04-2023
18	Evaluation of Eucast method using disk diffusion directly from positive blood culture bottles	Dr. Tahera Noor	Dr. Mahamad Wajid	ESICMC/SNR/IEC -S0198/03-2023
19	Identification of uropathogens in catheter associated urinary tract infections along with antimicrobial susceptibility pattern and risk factors associated with it	Dr. Riya Mondal	Dr. Manisha S Mane	ESICMC/SNR/IEC -S0199/03-2023
20	A Cross sectional study of clinicimicrobiological profile of Escherichia coli and among urinary tract infections cases and their antimicrobial susceptibility pattern	Dr. Kaunain Huda	Dr. Mahamad Wajid	ESICMC/SNR/IEC -S0232/04-2023
21	Analysis of various clinical samples for carbapenem resistant Enterobacteriaceae at a tertiary care hospital – a cross sectional study	Dr. Tahera Noor	Dr. Mahamad Wajid	ESICMC/SNR/IEC -S0177/07-2022
22	Detection of colistin susceptibility pattern among gram negative bacilli isolated from clinical samples in critical care units at a tertiary care center- a cross sectional study	Dr. Riya Mondal	Dr. Manisha S. Mane	ESICMC/SNR/IEC -S0176/07-2022
23	A prospective multifaceted approach on study of Acinetobacter baumannii complex and its antibiotic susceptibility pattern in a tertiary care hospital	Dr. Jyothi Doddi	Dr. Swathi Suravaram	ESICMC/SNR/IEC -S0178/07-2022