

Department	Name of the faculty Qualification IMR number	Current designation and date of promotion	Details of service in last five years	Number of Lectures taken / year. Topics Covered
Microbiology	<p style="text-align: center;"><b>Dr. Shweta Jaiswal</b> (MBBS, MD) <b>Registration No.</b> <b>62779</b></p>	Assistant Professor	<ol style="list-style-type: none"> <li>1. From 16/10/2017 to 31/12/2017 as Senior Resident in SGPGIMS, Lucknow.</li> <li>2. From 01/01/2018 to 31/07/2019 as Senior Resident in KGMU, Lucknow.</li> <li>3. From 17/02/2020 till date as Assistant Professor in ASMC Shahjahanpur.</li> </ol>	<ol style="list-style-type: none"> <li>1. Basics of infection, Transmission &amp; Prevention.</li> <li>2. Infection Control Practices &amp; PPE.</li> <li>3. Laboratory diagnosis of bacterial infections-1: Specimen collection and transport.</li> <li>4. Discuss test reports of suspected cases &amp; interpret(Covid-19).</li> <li>5. General Parasitology.</li> <li>6. Bacterial genetics.</li> <li>7. Normal human microbiota.</li> <li>8. Sterilization and disinfection-2: Discuss the application of the different methods in the laboratory, in clinical and surgical practice.</li> <li>9. Antigen &amp; Antibody.</li> <li>10. Components of immune system- Organs, cells and products.</li> <li>11. Describe the mechanisms of immunity and response of the host immune system to infections: Immune responses: Antibody-mediated.</li> <li>12. Autoimmunity.</li> <li>13. Discuss the immunological basis of vaccines and describe the Universal Immunisation schedule.</li> <li>14. Describe the etiologic agents in rheumatic fever and their diagnosis.</li> <li>15. HIV/AIDS-diagnosis, prevention and the principles of management of HIV.</li> <li>16. Describe microbial agents causing anemia-2.</li> <li>17. Intestinal Helminthic Infections-2 :</li> </ol>

				<p>Intestinal trematode infections.</p> <p>18. Enteric fever (Salmonella typhi and S. paratyphi).</p> <p>19. Acid peptic disease (APD)- 2.</p> <p>20. Anaerobic infections- 2 Etiopathogenesis, clinical course &amp; Lab diagnosis of Tetanus, pseudomembrane colitis &amp; Botulism.</p> <p>21. Discuss the laboratory diagnosis of skin and soft tissue infections.</p> <p>22. Leprosy (Mycobacterium leprae).</p> <p>23. Infective Syndromes of Respiratory tract.</p> <p>24. Myxovirus Infections of respiratory tract: Influenza, parainfluenza, mumps, respiratory syncytial virus and others.</p> <p>25. Bacteriology of water, air and surface.</p> <p>26. Discuss the Laboratory diagnosis of bone &amp; joint infections.</p> <p>27. Viral Exanthems and Other Cutaneous Viral Infections Herpesviruses (herpes simplex, varicella-zoster and HHV-6 and 7 infection), poxviruses (smallpox, molluscum contagiosum).</p> <p>28. Genitourinary tract infections.</p> <p>29. Bordetella pertussis.</p>
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Sr. No.	Faculty Name	Publication in Vancouver referencing style.	Pubmed Indexed Yes/No	Scopus
	<b>Dr. Shweta Jaiswal</b>	<ol style="list-style-type: none"> <li>1. Jaiswal S, Singh A, Verma RK, Singh DP, Kumari S. Characterization, speciation and antimicrobial resistance pattern of Enterococcus species isolated from clinical specimens at a rural tertiary care hospital. Int J Res Med Sci 2017;5:3484- 7.</li> <li>2. Dayal S , <u>Singh</u> A, Chaturvedi V, PathakA, Gupta V, Jaiswal S. Seroprevalence and Related Risk Factors of HBsAg, Anti-HCV and Anti-HIV Antibody Among Pregnant Women of Rural India. Annals of Clinical Chemistry and Laboratory Medicine 2015;1(2):3-7.</li> </ol>	<b>No</b>	<b>No</b>