



Medical Microbiology Summer Training

NTHRYS provides Medical Microbiology Summer Training for interested candidates at its Hyderabad facility, Telangana. Please refer below for more details including Fee structures, Eligibility, Protocols and Modules etc.,. Please do call / message / whatsapp for more details on 9014935156 [India - +91]

Eligibility: BSc / BTech / MSc / MTech / MPhil / PhD in any Life Sciences studying or completed students

Protocols / Techniques Covered

1. Media Preparations & Readymade media preparations & usage techniques
2. Streaking Techniques
3. Isolation & Identification of *S.aureus* from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
4. Isolation & Identification of *Streptococcus* (alpha, beta and gamma) from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
5. Isolation & Identification of *Salmonella* from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
6. Isolation & Identification of *Shigella* from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
7. Isolation & Identification of *Pseudomonas* from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
8. Isolation & Identification of *Mycobacterium tuberculosis* from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
9. Isolation & Identification of Gram negative bacilli (*E.coli*, *klebsiella*, *proteus*) from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
10. Isolation & Identification of *Vibrio* from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
11. Isolation & Identification of Anaerobic Pathogens from clinical samples (BLOOD,

- URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
12. Isolation & Identification of *Corynebacterium diphtheria* from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
 13. Isolation & Identification of *Clostridium* from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
 14. Isolation & Identification of *Haemophilus* from clinical samples (BLOOD, URINE, STOOL, PUS, SPUTUM, WOUND, CSF, EAR SWAB, EYE SWAB, THROAT SWAB)
 15. Urine Quantitative Culture
 16. Acid Fast Staining for identification of MTB
 17. Montoux Test
 18. Colony Counting
 19. Motility Test
 20. Coagulase Test
 21. Triple Sugar Iron Test
 22. Identification of Fungi from skin, Hair & Nail by KOH MOUNT & Lacto phenol Cotton Blue Staining.
 23. WIDAL
 24. VDRL
 25. POLYMERASE CHAIN REACTION FOR DETECTION OF HBV, HCV, MTB)
 26. WESTERN BLOT FOR HIV
 27. CLINICAL INTERPRETATION
 28. REPORTING [IN STANDARD FORMATS]

5 - Days - Protocols 1, 2 & 3 (with only Urine Sample)

10 - Days - Protocols 1 to 5, (with only Urine samples for protocols 3, 4, & 5)

20 - Days - Protocols 1 to 5

1 - Month - Protocols 1 to 14 (with any two selected sample source per protocol from 3 - 14)

45 - Days - Protocols 1 to 28 (with any two selected sample source per protocol from 3 - 14)

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Fee details in Rs per student					
Fee	5 Days	10 Days	20 days	1 Month	45 Days
Individual	11200	11800	14900	18300	21700
Group 2 - 4	10700	10700	14200	17500	20700

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Group 5 - 7	10600	10600	14000	17300	20500
Group 8 - 10	10500	10500	13900	17200	20300