



## Microbiology Summer Training

NTHRYS provides 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

#### Module - I

1. Isolation & Screening of soil microorganisms
2. Microbial stainings [Normal & Gram Staining]
3. Bacterial Motility test

#### Screening assays (Biochemical assays)

4. Catalase Test
5. Mannitol Salt Agar Test

#### Module - II

6. Blood Agar plates assay
7. Optochin sensitivity test
8. Bacitracin sensitivity test
9. CAMP Test
10. Bile esculin agar test

#### Module - III

11. Nitrate broth test
12. Spirit blue agar test
13. Starch hydrolysis test
14. Coagulase test

15. Oxidase test

## **Module - IV**

16. Sugar broth with durham's tubes test [Carbohydrate metabolism test]  
Glucose Test  
Sucrose Test  
Mannose Test
17. Methyl Red Voges Proskauer Test [MRVP Test]
18. Kliger's Iron Test
19. MacConkey Agar Test
20. Simmon's Citrate Test

## **Module - V**

21. Ureas Test
22. Sulfur Indole motility media test
23. Indole Test
24. Kliger's Iron Test

5 Days Duration - Module - I

10 Days Duration - Modules - I & II

20 Days Duration - Modules - I, II & III

1 Month Duration - Modules I, II, III & IV

45 Days Duration - Modules I, II, III, IV & V

Microbiology Summer Training

Fee details in Rs per student					
Fee	5 Days	10 Days	20 days	1 Month	45 Days
Individual	17400	18300	23400	29200	34800
Group 2 - 4	16500	16500	22300	27800	33100
Group 5 - 7	16300	16300	22000	27600	32800
Group 8 - 10	16100	16100	21800	27300	32500