



## Food Microbiology Summer Training

NTHRYS provides Food 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. Food Sampling and Preparation for testing [Theory]
2. Enumeration of Microorganisms in Foods
  1. Enumeration of Aerobic colony count in Foods
  2. Most Probable Method [MPN]
  3. Enumeration of Yeast and Moulds in Foods
  4. Enumeration of Coli forms, Fecal Coli forms and E.coli in foods using MPN

#### Module - II

3. Isolation and Enumeration of Pathogenic Microorganisms in Food
  1. Isolation of pathogenic E.coli forms
  2. Isolation of Enterococcus from food
  3. Isolation from salmonella from foods
  4. Enumeration of Staphylococcus aureus in foods

#### Module - III

5. Enumeration of Listeria monocytogens from all food and environmental samples
6. Enumeration of Bacillus cereus in foods
7. Detection of Clostridium botulinum in honey and syrups
8. Enumeration of Clostridium perfringens in foods
4. Microbiology of Water

1. Standard Qualitative analysis of water
2. Quantitative analysis of water
5. Howard Mould Count

## Module - IV

6. Examination of Canned Food
7. Standard Operating Procedures [SOPs] [Theory]
  1. Quality assurance in Microbiology laboratories
  2. Instrumental Maintenance, Quality control & Calibration
  3. Laboratory Audit
8. Microbial Standards of Foods
9. Guidelines for writing Lab Reports [Theory] Guidelines for writing Lab Reports [Theory]

5 Days - Module - I

10 Days - Module - I & II [No Repetitions]

20 Days - Module - I & II [With Repetitions]

1 Month - Module - I, II & III

45 Days - Module - I, II, III & IV

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Fee details in Rs per student					
Fee	5 Days	10 Days	20 days	1 Month	45 Days
Individual	32900	34800	45100	56600	67800
Group 2 - 4	31100	31100	42700	53900	64500
Group 5 - 7	30800	30800	42200	53300	63900
Group 8 - 10	30400	30400	41700	52800	63200