Plant Pathology Inplant Training

NTHRYS provides Plant Pathology Inplant Training for interested candidates at its Hyderabad facility, Telangana. Please refer below for more details including Fee strctures, 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

Plant Pathology - Module - I

Molecular Identification of Plant Pathogens

1. DNA Extraction from Bacteria
2. Primer designing using Bioinformatics Tools
3. PCR
4. Agarose Electrophoresis using 1 - 10 Kbp ladder
5. A brief introduction to Plant Bioinformatics, Nomenclature and Plant Pathological Bioinfo Database designing and management standards
6. DNA extraction from Fungal Plant Pathogens
7. DNA Extraction from Viral Plant Pathogens
8. Identification of Fungal Plant Pathogens using PCR
9. Identification of Viral Plant Pathogens using PCR
10. DNA extraction from Insect Plant Pathogens
11. Identification of Insect Plant Pathogens using PCR

Plant Pathology - Module - II

Immunological Identification of Plant Pathogens

12. Total Protein Extraction from plant materials
13. Semi Ultra Purification of extracted plant proteins

14. Immunological Identification of plant pathogens using ELISA

Plant Pathology - Module - III

Microbial Hzards Control in Plant Tissue Culture

15. Microbiological Quality Assurance Measures in Plant Tissue Culture Practices
16. Stock Plant treatment for detection & Identification of viriods, viruses, bacteria & fungi in plant tissue culture plant materials
17. Various Surface steriliztion to control microbial hazards plant tissue culture plant materials
18. Molecular identification of Viral contamination of plant material selected for plant tissue culture

Plant Pathology - Module - IV

Other Plant Pathology Study Protocols

19. Screening for soil borne pathogens
20. Identification of Plant Disease Resistance Genes
21. A brief introduction to Plant Bioinformatics, Nomenclature and Plant Pathological Bioinfo Database designing and management standards

5 Days Duration - Module I

10 Days Duration - Module I & II[fast track]

20 Days Duration - Module I & II with complete coverage

1 Month Duration - Module I, II & III [Fast Track]

45 Days Duration - Module I, II, III & IV with complete coverage

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Fee details in Rs per student					
Fee	5 Days	10 Days	20 days	1 Month	45 Days
Individual	29700	31400	40600	50900	61000
Group 2 - 4	28100	28100	38500	48500	58000

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Group 5 - 7	27800	27800	38100	48000	57400
Group 8 - 10	27400	27400	37600	47500	56900