



Fermentation Technology Training

Fermentation Technology Training Program

NTHRYS Biotech Labs offers Fermentation Technology Training Program under below mentioned protocols. Candidates can opt their interested protocols from the list below. Please click **Join** button to pay the fee for selected protocol. Fees should be paid individually for all the selected protocols separately by clicking the button. Please save the payment proofs and send them as an attachment to

trainings [a t] nthrys [d o t] com to receive payment invoices and slot confirmations.

Please Check Modules as well as individual protocols (if any) under this training program. Module has its fee given in the fee structure table and individual fee in its block. Please communicate with our Help Desk Team via whatsapp on +91-8977624748 for any queries.

Modules

NTHRYS provides Fermentation Technology 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]

Protocols / Techniques Covered

List of Protocols trained under this module

T = Theory, P = Practical

A brief exposure to Fermentation design & Fermenter components (T)

Upstream Processing

Media Formulation

Synthetic Media (T, P)

Semisynthetic Media (T, P)

Complex Media (T, P)

Media Components (T)

Media Formulation (T) (Practical cost for formulating new media for

desired objective will be additional, contact Helpdesk Team on our whatsapp)

Sterilization (P)

Preservation / Maintenance of various types of Cultures for Fermentation Process

Glycerol Stocks Preparations (P)

Mother Culture Preparations (P)

Fermentation Inoculum Preparations (P)

Slants, Stabs, Plates and broth preparations (P) [Optional]

Handling Microbial Cultures

Bacteria (P)

Yeast (P)

Molds (P)

Filamentous Fungi (P)

Algae (P)

Actinomycetes (P)

Fermentation

Preparing Fermenter (P)

Fermenter Sterilization (P)

Fermentation Operation

Batch Fermentation (The Batch culture Growth Curve, Fed Batch Fermentation, Fixed & Variable Fed-batch Fermentations, Control Techniques for Fed-batch control) (P)

Continuous Fermentation (Control Techniques for Continuous Culture) (P)

Inoculation (P)

Incubation (P)

Fermentation Monitor and Control (P)

Harvesting (P)

A brief insight into Fermentation Kinetics (T, P) [Optional]

Downstream Processing

Separation and Clarification

Centrifugation (P)

Filtration (P)

Sedimentation (P)

Flocculation (P)

Electrocoagulation (P)

Purification

Precipitation (P)

Chromatography (P)

Distillation (P)

Crystallization (P)

Dialysis (P)

Affinity Purification Chromatography (T) (Practical can be given for additional charge)

Refining (T)

Product Formulation (T) (Practical can be given for additional charge)

Packaging (T) (Practical can be given for additional charge)

Waste Management (T) (Practical can be given for additional charge)

Note: For protocols covered for various durations please check list numbers mentioned opposite to the below given durations.

5 Days: 1, 2.1.1, 2.1.4, 2.2, 2.3.3, 2.4.1, 3.1, 3.2, 3.3.1, 3.4, 3.5, 5.1.1, 5.2.1, 5.6

10 Days: 5 Days duration + 2.1.2, 2.3.4, 2.4.2, 5.1.2, 5.2.3

20 Days: 10 Days Duration + 2.4.3, 2.4.4, 3.6, 5.1.3, 5.2.5

1 Month: 20 Days Duration + 2.1.3, 2.1.5, 2.3.1, 2.4.3, 2.4.4, 5.1.4, 5.2.2, 5.2.6, 5.3

45 Days: Complete Module.

Other Trainings under this field >> [Fermentation Technology Industrial Training](#), [Fermentation Technology Course Finishers Training](#), [Fermentation Technology Job Oriented Training](#), & [Fermentation Technology Research Training](#)

Fee Structures for Fermentation Technology Training

| Fee details in Rs per student | | | | | |
|-------------------------------|--------|---------|---------|---------|---------|
| Fee | 5 Days | 10 Days | 20 days | 1 Month | 45 Days |
| Individual | 45600 | 65800 | 140100 | 190400 | 225700 |
| Group 2 - 4 | 42300 | 63300 | 138800 | 187100 | 223200 |
| Group 5 - 7 | 41000 | 61000 | 137600 | 185900 | 221000 |
| Group 8 - 10 | 40800 | 60800 | 135300 | 184600 | 220700 |

Please choose a suitable time slot and inform our team via WhatsApp on +91-8977624748 (located at the top right corner) to receive the payment link for fee payment and slot confirmation.

Training based on Individual Protocols

The effect of antifoam addition -on protein production yields

Rs 24000 /-

Time in Hours: 15

[Join](#)

Setting up a bioreactor for recombinant protein production in yeast

Rs 42000 /-

Time in Hours: 72

[Join](#)

Optimising pichia pastoris induction

Rs 18000 /-

Time in Hours: 20

[Join](#)

Optimizing saccharomyces cerevisiae induction regimes

Rs 30000 /-

Time in Hours: 20

[Join](#)

Large scale production of membrane proteins in pichia pastoris: The production of G protein coupled receptors

Rs 54000 /-

Time in Hours: 72

[Join](#)

Large scale production of membrane proteins in saccharomyces cerevisiae : using a green fluorescent protein fusion strategy in the production of membrane proteins

Rs 114000 /-

Time in Hours:
150

[Join](#)

Large scale production of secreted proteins in pichia pastoris

Rs 114000 /-

Time in Hours:
150

[Join](#)

Disruption of yeast cells to isolate recombinant proteins

Rs 21600 /-

Time in Hours: 5

[Join](#)

A brief exposure to Fermentation design & Fermenter components - Theory

Rs 3600 /-

Time in Hours: 1

[Join](#)

Preparation of Synthetic Media, semisynthetic Media, Complex Media

Rs 7200 /-

Time in Hours: 15

[Join](#)

Media Components - Carbon, Nitrogen, Elements, Growth Factors, Inhibitors - Theory

Rs 9600 /-

Time in Hours: 5

[Join](#)

Media Formulation - Designing Media for specific Function

Rs 90000 /-

Time in Hours:
100

[Join](#)

Media Sterilizations

Rs 3600 /-

Time in Hours: 3

[Join](#)

Handling bacteria cell cultures

Rs 2400 /-

Time in Hours: 2

[Join](#)

Handling Actinomycetes cell cultures

Rs 3600 /-

Time in Hours: 2

[Join](#)

Handling filamentous fungi cell cultures

Rs 3600 /-

Time in Hours: 2

[Join](#)

Handling yeasts cell cultures

Rs 3600 /-

Time in Hours: 2

[Join](#)

Handling plant cell cultures

Rs 8400 /-

Time in Hours: 3

[Join](#)

Handling mammalian cell cultures

Rs 36000 /-

Time in Hours: 5

[Join](#)

Preparing Fermenter for Operation

Rs 13200 /-

Time in Hours: 1

[Join](#)

The Batch culture Growth Curve

Rs 30000 /-

Time in Hours: 20

[Join](#)

Fed Batch Fermentation

Rs 42000 /-

Time in Hours: 25

[Join](#)

Fixed & Variable Fed-batch Fermentations

Rs 42000 /-

Time in Hours: 25

[Join](#)

Control Techniques for Fed-batch control - Theory

Rs 6000 /-

Time in Hours: 1

[Join](#)

Control Techniques for Continuous Culture

Rs 6000 /-

Time in Hours: 1

[Join](#)

Running a Continuous Process

Rs 36000 /-

Time in Hours: 30

[Join](#)

A brief insight into Fermentation Kinetics

Rs 48000 /-

Time in Hours: 20

[Join](#)