



Nano Biotechnology Workshops

Nano Biotechnology Workshops

NTHRYS BIOTECH LABS provides a diverse array of workshops in the realm of Nano Biotechnology. Explore our comprehensive offerings below

[Nano Biotechnology Workshops Application Process](#)

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Journey Through Genetics: Select Your Nano Biotechnology Session!

1. [Workshop in Introduction to Nano BiotechnologyPDF](#)
2. [Workshop in Advanced Techniques in Nano BiotechnologyPDF](#)
3. [Workshop in Nano Biotechnology in Biomedical ResearchPDF](#)
4. [Workshop in Innovations in Nano BiotechnologyPDF](#)
5. [Workshop in Ethical and Regulatory Perspectives in Nano BiotechnologyPDF](#)

1. Workshop in Introduction to Nano Biotechnology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Basics of Nano Biotechnology

Overview of nano biotechnology principles and applications.

Hands-on session on studying nanomaterials and their roles in biotechnology.

Introduction to the importance of nano biotechnology in modern science.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Techniques in Nano Biotechnology

Interactive session on techniques used in nano biotechnology.

Workshop on using electron microscopy, nanoparticle synthesis, and molecular techniques.

Practical demonstration of nano biotechnology techniques.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Nanomaterials and Their Applications

Exploring various types of nanomaterials and their applications.

Hands-on training on synthesizing and characterizing nanomaterials.

Case studies on the role of nano biotechnology in developing new materials.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Nano Biotechnology in Medicine

Workshop on nano biotechnology applications in medicine.
Practical techniques for developing nanomedicines and diagnostics.
Case studies on the applications of nano biotechnology in healthcare.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

2. Workshop in Advanced Techniques in Nano Biotechnology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Advanced Nano Biotechnology Techniques

Introduction to advanced techniques in nano biotechnology.

Hands-on session on using advanced imaging, nanoparticle engineering, and other methods.

Practical demonstration of advanced nano biotechnology applications.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Nano Biotechnology in Drug Delivery

Exploring nano biotechnology approaches in drug delivery.

Workshop on designing and testing nanoparticle-based drug delivery systems.

Case studies on the applications of nano biotechnology in drug delivery.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Nano Biotechnology in Cancer Therapy

Hands-on session on nano biotechnology applications in cancer therapy.

Exploring techniques for using nanoparticles to target cancer cells.

Practical applications of nano biotechnology in developing cancer treatments.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Nano Biotechnology in Environmental Science

Workshop on nano biotechnology applications in environmental science.

Practical techniques for using nanomaterials in environmental monitoring and remediation.

Case studies on the role of nano biotechnology in environmental science.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

3. Workshop in Nano Biotechnology in Biomedical Research

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.
Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Role of Nano Biotechnology in Disease Research

Overview of the importance of nano biotechnology in disease research.

Hands-on session on studying nanomaterials for disease diagnosis and therapy.
Case studies on the impact of nano biotechnology in biomedical research.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Nano Biotechnology in Regenerative Medicine

Exploring the role of nano biotechnology in regenerative medicine.
Workshop on using nanomaterials for tissue engineering and cell therapy.
Case studies on the applications of nano biotechnology in regenerative medicine.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Nano Biotechnology in Infectious Diseases

Hands-on session on the use of nano biotechnology in studying infectious diseases.
Exploring techniques for using nanoparticles to detect and treat infections.
Practical applications of nano biotechnology in managing infectious diseases.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Clinical Applications of Nano Biotechnology

Workshop on translating nano biotechnology research into clinical practice.
Practical techniques for using nanomaterials in clinical settings.
Case studies on the impact of nano biotechnology on medical treatments.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

4. Workshop in Innovations in Nano Biotechnology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Nano Biotechnology

Introduction to emerging technologies in nano biotechnology.

Hands-on session on using advanced tools and techniques in nano biotechnology research.

Case studies on innovative applications of new technologies in nano biotechnology.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Nano Biotechnology

Exploring the role of AI and machine learning in nano biotechnology.
Workshop on developing predictive models using AI and ML.
Case studies on the applications of AI in enhancing nano biotechnology research.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrative Omics in Nano Biotechnology

Hands-on session on integrating multi-omics data in nano biotechnology research.
Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in advancing nano biotechnology.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Directions in Nano Biotechnology

Discussion on emerging trends and future directions in nano biotechnology.
Workshop on integrating new technologies in nano biotechnology research.
Case studies on the potential impact of future innovations in nano biotechnology.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

5. Workshop in Ethical and Regulatory Perspectives in Nano Biotechnology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Ethical Considerations in Nano Biotechnology Research

Overview of ethical issues in nano biotechnology research.

Case studies on ethical dilemmas in studying and applying nano biotechnology techniques.

Workshop on addressing ethical considerations in nano biotechnology research.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Regulatory Frameworks for Nano Biotechnology Research

Exploring regulatory guidelines and requirements for nano biotechnology research.

Case studies on navigating regulatory challenges.

Workshop on understanding international regulatory frameworks.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Public Perception and Communication

Workshop on improving public understanding of nano biotechnology research.
Techniques for effective science communication.
Case studies on public engagement and education initiatives.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Policy and Planning for Nano Biotechnology Research

Discussion on policy and planning for sustainable nano biotechnology research.
Case studies on effective policies and planning strategies.
Workshop on integrating ethical and social considerations in nano biotechnology research.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

Note: NTHRYS Management reserves the right to modify the workshop module at any time without prior notice. Registered or enrolled candidates will receive the module that is current on the day of enrollment.

NTHRYS Workshops Department

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Nano Biotechnology Workshops Application Process

1. Select a workshop from the list.
2. Contact via whatsapp on the number present above to request fee details and dates suitable for joining. Alternatively, you can send an email to workshops (a t) nthrys [d 0 t] com.
3. Our Workshop department will contact you promptly to provide further assistance.