



Matlab Workshops

Matlab Workshops

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

[Matlab Workshops Application Process](#)

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Uncover the Secrets of Matlab: Pick Your Workshop!

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

1. Workshop in Introduction to MATLAB

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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 MATLAB

Overview of MATLAB environment and applications.

Hands-on session on MATLAB basics and commands.

Introduction to the importance of MATLAB in engineering and science.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Data Import and Visualization

Interactive session on data import techniques in MATLAB.

Workshop on visualizing data using MATLAB plotting functions.

Practical demonstration of data analysis and visualization.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: MATLAB Programming

Exploring MATLAB programming basics.

Hands-on training on writing scripts and functions in MATLAB.

Case studies on the application of MATLAB programming in research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Simulink Introduction

Workshop on using Simulink for system modeling.

Practical techniques for building and simulating models in Simulink.

Case studies on the role of Simulink in engineering projects.

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 MATLAB

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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 MATLAB Programming

Introduction to advanced programming techniques in MATLAB.

Hands-on session on using advanced functions and toolboxes.

Practical demonstration of advanced programming applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Data Analysis and Machine Learning

Exploring data analysis and machine learning in MATLAB.

Workshop on using MATLAB for statistical analysis and machine learning.

Case studies on the applications of machine learning in MATLAB.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Image and Signal Processing

Hands-on session on image and signal processing techniques.

Exploring techniques for processing and analyzing images and signals.

Practical applications of MATLAB in image and signal processing.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Optimization Techniques

Workshop on optimization techniques in MATLAB.

Practical techniques for solving optimization problems.

Case studies on the role of optimization in engineering and 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 MATLAB 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 MATLAB in Biomedical Research

Overview of the importance of MATLAB in biomedical research.

Hands-on session on using MATLAB for biomedical data analysis.

Case studies on the impact of MATLAB in biomedical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: MATLAB in Genomics and Proteomics

Exploring the role of MATLAB in genomics and proteomics.

Workshop on using MATLAB for analyzing genomic and proteomic data.

Case studies on the applications of MATLAB in omics research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: MATLAB in Medical Imaging

Hands-on session on the use of MATLAB in medical imaging.

Exploring techniques for processing and analyzing medical images.

Practical applications of MATLAB in developing medical imaging solutions.

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 MATLAB

Workshop on translating MATLAB research into clinical practice.

Practical techniques for using MATLAB in clinical settings.

Case studies on the impact of MATLAB 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 MATLAB

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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 MATLAB

Introduction to emerging technologies in MATLAB.

Hands-on session on using advanced tools and techniques in MATLAB.

Case studies on innovative applications of new technologies in MATLAB.

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 Integration

Exploring the integration of AI and machine learning in MATLAB.

Workshop on developing hybrid models and systems in MATLAB.

Case studies on the applications of AI in enhancing MATLAB capabilities.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: MATLAB in Internet of Things (IoT)

Hands-on session on integrating MATLAB with IoT devices.

Exploring techniques for real-time data analysis and decision making in IoT.

Practical applications of MATLAB in IoT.

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 MATLAB

Discussion on emerging trends and future directions in MATLAB.

Workshop on integrating new technologies in MATLAB research.

Case studies on the potential impact of future innovations in MATLAB.

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 MATLAB

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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 MATLAB Research

Overview of ethical issues in MATLAB research.

Case studies on ethical dilemmas in studying MATLAB applications.

Workshop on addressing ethical considerations in MATLAB 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 MATLAB

Exploring regulatory guidelines and requirements for MATLAB 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 MATLAB 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 MATLAB

Discussion on policy and planning for sustainable MATLAB research.

Case studies on effective policies and planning strategies.

Workshop on integrating ethical and social considerations in MATLAB 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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Matlab 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.