

Gis Workshops

Gis Workshops

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

[Gis Workshops Application Process](#)

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Gis Gateway: Pave Your Path with Our Workshops!

1. [Workshop in Introduction to GISPDF](#)
2. [Workshop in Advanced Techniques in GISPDF](#)
3. [Workshop in GIS in Environmental and Resource ManagementPDF](#)
4. [Workshop in Innovations in GISPDF](#)
5. [Workshop in Ethical and Regulatory Perspectives in GISPDF](#)

1. Workshop in Introduction to GIS

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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 GIS

Overview of Geographic Information Systems (GIS) principles and applications.

Hands-on session on GIS software and tools.

Introduction to the importance of GIS in various fields.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: GIS Data Collection and Management

Interactive session on methods for collecting and managing GIS data.

Workshop on data sources, formats, and storage.

Practical demonstration of data collection techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Spatial Analysis and Visualization

Exploring techniques for spatial analysis and data visualization.

Hands-on training on creating maps and visual representations.

Case studies on the applications of GIS in different industries.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: GIS in Environmental Science

Workshop on the use of GIS in environmental science.

Practical techniques for analyzing environmental data.

Case studies on the role of GIS in environmental management and conservation.

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 GIS

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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 Spatial Analysis in GIS

Introduction to advanced techniques for spatial analysis.
Hands-on session on using advanced GIS tools and software.

Practical demonstration of complex spatial analysis methods.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Remote Sensing and GIS Integration

Exploring the integration of remote sensing data with GIS.
Workshop on using satellite imagery and aerial photographs.
Case studies on the applications of remote sensing in GIS projects.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: GIS for Urban Planning

Hands-on session on the use of GIS in urban planning.
Exploring techniques for mapping and analyzing urban data.
Practical applications of GIS in city planning and development.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: GIS and Public Health

Workshop on the use of GIS in public health.
Practical techniques for analyzing health data and mapping disease outbreaks.
Case studies on the role of GIS in health planning and management.

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 GIS in Environmental and Resource Management

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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: GIS in Environmental Monitoring

Overview of the importance of GIS in environmental monitoring.

Hands-on session on using GIS for tracking environmental changes.

Case studies on the impact of GIS in environmental research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: GIS in Natural Resource Management

Exploring the role of GIS in managing natural resources.

Workshop on techniques for mapping and analyzing resource data.

Case studies on the applications of GIS in resource conservation and management.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: GIS for Disaster Management

Hands-on session on the use of GIS in disaster management.

Exploring techniques for mapping and analyzing disaster risk and response.

Practical applications of GIS in disaster preparedness and recovery.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: GIS in Agriculture

Workshop on the use of GIS in agriculture.

Practical techniques for precision farming and crop management.

Case studies on the impact of GIS on agricultural productivity.

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 GIS

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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 GIS

Introduction to emerging technologies in GIS.

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

Case studies on innovative applications of new technologies in GIS.

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 GIS

Exploring the role of AI and machine learning in GIS.

Workshop on developing predictive models for spatial analysis.

Case studies on the application of AI in GIS 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 GIS

Hands-on session on integrating multi-omics data in GIS.

Exploring techniques for combining genomics, proteomics, and metabolomics.

Practical applications of integrative omics in GIS research.

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 GIS

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

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 GIS

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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 GIS Research

Overview of ethical issues in GIS research.
Case studies on ethical dilemmas in using GIS.
Workshop on addressing ethical considerations in GIS 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 GIS

Exploring regulatory guidelines and requirements for GIS 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 GIS 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 GIS Research

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