

Metagenomics Internship with Accommodation at Kolkata

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Active Categories

15

Focused Areas

Kolkata

Accommodation Location

How to View Accommodation Details and Booking Options

1. Open the Internships page or the corresponding Topics page.
2. Select the relevant focused area.
3. Select the available duration, mode and internship type.
4. Choose **Offline** mode to access accommodation booking options.
5. Continue to the fee/payment page and use the **Branches Select Option**.
6. After selecting the branch, use **Book NTHRYS Accommodation** to view accommodation fee, facility photographs, amenities and the available booking details.

Metagenomics Internship Categories

AI Shotgun Metagenomics Analysis Research https://internships.nthrys.com/metagenomics/ai-shotgun-metagenomics-analysis-research	Machine Learning Metagenome Assembly Research https://internships.nthrys.com/metagenomics/machine-learning-metagenome-assembly-research
AI Human Gut Metagenomics Research https://internships.nthrys.com/metagenomics/ai-human-gut-metagenomics-research	AI Soil Metagenomics Research https://internships.nthrys.com/metagenomics/ai-soil-metagenomics-research
AI Marine Metagenomics Research https://internships.nthrys.com/metagenomics/ai-marine-metagenomics-res	AI Virome Metagenomics Research https://internships.nthrys.com/metagenomics/ai-virome-metagenomics-research
AI Functional Metagenomics Research https://internships.nthrys.com/metagenomics/ai-functional-metagenomics-research	AI Novel Organism Discovery Research https://internships.nthrys.com/metagenomics/ai-novel-organism-discovery-research
AI Clinical Metagenomics Research https://internships.nthrys.com/metagenomics/ai-clinical-metagenomics-research	AI AMR Metagenomics Research https://internships.nthrys.com/metagenomics/ai-amr-metagenomics-research
Metagenomic Data Quality Control Pipeline https://internships.nthrys.com/metagenomics/metagenomic-data-quality-control-pipeline	Taxonomic Classification Algorithm Development https://internships.nthrys.com/metagenomics/taxonomic-classification-algorithm-development
Environmental Water Metagenomics Research https://internships.nthrys.com/metagenomics/environmental-water-metagenomics-research	Plant Microbiome Metagenomics Study https://internships.nthrys.com/metagenomics/plant-microbiome-metagenomics-study

Pathogen Detection Metagenomics Methods https://internships.nthrys.com/metagenomics/pathogen-detection-metagenomics-methods	Metagenome-Assembled Genome Recovery https://internships.nthrys.com/metagenomics/metagenome-assembled-genome-recovery
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Biofilm Associated Metagenomics Study https://internships.nthrys.com/metagenomics/biofilm-associated-metagenomics-study	Metabolic Pathway Reconstruction Methods https://internships.nthrys.com/metagenomics/metabolic-pathway-reconstruction-methods
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Microbial Community Assembly Modeling https://internships.nthrys.com/metagenomics/microbial-community-assembly-modeling	Respiratory Infection Metagenomics Research https://internships.nthrys.com/metagenomics/respiratory-infection-metagenomics-research
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Metagenomic Reference Database Curation https://internships.nthrys.com/metagenomics/metagenomic-reference-database-curation	Oral Cavity Microbiota Mapping Study https://internships.nthrys.com/metagenomics/oral-cavity-microbiota-mapping-study
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Fermentation Microbiota Optimization Study https://internships.nthrys.com/metagenomics/fermentation-microbiota-optimization-study	Microbial Stress Response Gene Expression https://internships.nthrys.com/metagenomics/microbial-stress-response-gene-expression

Metagenomics Internship Topics and Focused Areas

Machine Learning Metagenome Assembly Research

- Deep Learning Models for Metagenomic Sequence Assembly
- Graph Neural Networks for Metagenomic De Bruijn Graph Construction
- Binning and Classification of Assembled Contigs Using Machine Learning
- Error Correction in Long-Read Metagenomic Sequences Using Hybrid ML Approaches
- Automated Quality Assessment and Parameter Optimization for Assembly Pipelines

AI Soil Metagenomics Research

- Microbial Community Assembly and Succession in Soil

- Functional Gene Annotation and Metabolic Pathway Prediction
- Machine Learning Models for Soil Microbiome Classification
- Antibiotic Resistance Gene Detection and Characterization in Soil
- Soil-Plant Microbiome Interactions and Host-Associated Microbial Networks

Plant Microbiome Metagenomics Study

- 16S rRNA Gene Amplicon Sequencing and Bacterial Community Analysis
- Shotgun Metagenomic Assembly and Functional Gene Annotation
- Phytobiome Network Analysis and Plant-Microbe Interaction Prediction
- Metatranscriptomics and Microbial Gene Expression in Plant Tissues
- Metagenomic Data Visualization and Comparative Microbiome Analysis

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