

Metagenomics Internship with Accommodation at Bengaluru

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50 Active Categories	15 Focused Areas	Bengaluru Accommodation Location
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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
Antibiotic Resistance Gene Annotation https://internships.nthrys.com/metagenomics/antibiotic-resistance-gene-annotation	Microbiota Diversity Index Comparison https://internships.nthrys.com/metagenomics/microbiota-diversity-index-comparison
Metagenomic Binning Algorithm Benchmarking https://internships.nthrys.com/metagenomics/metagenomic-binning-algorithm-benchmarking	Enzyme Discovery From Metagenomes https://internships.nthrys.com/metagenomics/enzyme-discovery-from-metagenomes
Microbial Horizontal Gene Transfer Analysis https://internships.nthrys.com/metagenomics/microbial-horizontal-gene-transfer-analysis	Infant Gut Microbiome Development Research https://internships.nthrys.com/metagenomics/infant-gut-microbiome-development-research
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
Food Microbiome Quality Assessment https://internships.nthrys.com/metagenomics/food-microbiome-quality-assessment	Deep Sea Hydrothermal Vent Metagenomics https://internships.nthrys.com/metagenomics/deep-sea-hydrothermal-vent-metagenomics
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
Soil Carbon Cycling Metagenomics https://internships.nthrys.com/metagenomics/soil-carbon-cycling-metagenomics	Bioreactor Microbiota Engineering Study https://internships.nthrys.com/metagenomics/bioreactor-microbiota-engineering-study
Contaminant Biodegradation Metagenomics https://internships.nthrys.com/metagenomics/contaminant-biodegradation-metagenomics	Metagenomic Data Visualization Tools https://internships.nthrys.com/metagenomics/metagenomic-data-visualization-tools
Temporal Microbiota Dynamics Analysis https://internships.nthrys.com/metagenomics/temporal-microbiota-dynamics-analysis	Rare Microbial Taxa Discovery Pipeline https://internships.nthrys.com/metagenomics/rare-microbial-taxa-discovery-pipeline
Probiotic Strain Characterization Project https://internships.nthrys.com/metagenomics/probiotic-strain-characterization-project	Wastewater Treatment Bioreactor Metagenomics https://internships.nthrys.com/metagenomics/wastewater-treatment-bioreactor-metagenomics
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
Viral Metagenomics Assembly Optimization https://internships.nthrys.com/metagenomics/viral-metagenomics-assembly-optimization	Microbial Quorum Sensing Detection https://internships.nthrys.com/metagenomics/microbial-quorum-sensing-detection
Host-Associated Microbiota Variation https://internships.nthrys.com/metagenomics/host-associated-microbiota-variation	Metagenomics Workflow Automation Platform https://internships.nthrys.com/metagenomics/metagenomics-workflow-automation-platform
Secondary Metabolite Gene Cluster Mining https://internships.nthrys.com/metagenomics/secondary-metabolite-gene-cluster-mining	Pesticide Degradation Microbiology Study https://internships.nthrys.com/metagenomics/pesticide-degradation-microbiology-study
Microbiota-Mediated Drug Metabolism https://internships.nthrys.com/metagenomics/microbiota-mediated-drug-metabolism	Ice Core Paleomicrobiome Analysis https://internships.nthrys.com/metagenomics/ice-core-paleomicrobiome-analysis
Stochastic Community Assembly Modeling https://internships.nthrys.com/metagenomics/stochastic-community-assembly-modeling	Corrosion-Associated Microbiota Research https://internships.nthrys.com/metagenomics/corrosion-associated-microbiota-research
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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