

Applied Microbiology Internship with Accommodation at Kolkata

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50 Active Categories	40 Focused Areas	Kolkata 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.

Applied Microbiology Internship Categories

AI Industrial Applied Microbiology Research https://internships.nthrys.com/applied-microbiology/ai-industrial-applied-microbiology-research	Machine Learning Food Microbiology Research https://internships.nthrys.com/applied-microbiology/machine-learning-food-microbiology-research
AI Environmental Applied Microbiology Research https://internships.nthrys.com/applied-microbiology/ai-environmental-applied-microbiology-research	AI Medical Applied Microbiology Research https://internships.nthrys.com/applied-microbiology/ai-medical-applied-microbiology-research
Applied Bioremediation Microbiology Research https://internships.nthrys.com/applied-microbiology/applied-bioremediation-microbiology-research	AI Agricultural Applied Microbiology Research https://internships.nthrys.com/applied-microbiology/ai-agricultural-applied-microbiology-research
AI AMR in Applied Microbiology Research https://internships.nthrys.com/applied-microbiology/ai-amr-applied-microbiology-research	AI Phage Applied Microbiology Research https://internships.nthrys.com/applied-microbiology/ai-phage-applied-microbiology-research
AI Probiotic Development Research https://internships.nthrys.com/applied-microbiology/ai-probiotic-development-research	AI Extreme Environment Microbiology Research https://internships.nthrys.com/applied-microbiology/ai-extreme-environment-microbiology-research
Fermentation Optimization Bioprocess Research https://internships.nthrys.com/applied-microbiology/fermentation-optimization-bioprocess-research	Dairy Microbiology Quality Control Research https://internships.nthrys.com/applied-microbiology/dairy-microbiology-quality-control-research
Wastewater Treatment Microbiology Research https://internships.nthrys.com/applied-microbiology/wastewater-treatment-microbiology-research	Soil Microbiome Diversity Field Research https://internships.nthrys.com/applied-microbiology/soil-microbiome-diversity-field-research
Cosmetics Microbial Safety Testing Research https://internships.nthrys.com/applied-microbiology/cosmetics-microbial-safety-testing-research	Brewing and Fermented Beverage Microbiology https://internships.nthrys.com/applied-microbiology/brewing-and-fermented-beverage-microbiology

Hospital-Acquired Infection Prevention Research https://internships.nthrys.com/applied-microbiology/hospital-acquired-infection-prevention-research	Microbial Enzyme Production Research https://internships.nthrys.com/applied-microbiology/microbial-enzyme-production-research
Food Spoilage Prediction Modeling Research https://internships.nthrys.com/applied-microbiology/food-spoilage-prediction-modeling-research	Pharmaceutical Sterility Assurance Research https://internships.nthrys.com/applied-microbiology/pharmaceutical-sterility-assurance-research
Endophytic Microbe Plant Interaction Research https://internships.nthrys.com/applied-microbiology/endophytic-microbe-plant-interaction-research	Biofilm Formation and Control Research https://internships.nthrys.com/applied-microbiology/biofilm-formation-and-control-research
Meat Processing Microbiology Research https://internships.nthrys.com/applied-microbiology/meat-processing-microbiology-research	Aquaculture Disease Microbiology Research https://internships.nthrys.com/applied-microbiology/aquaculture-disease-microbiology-research
Microbial Secondary Metabolite Screening https://internships.nthrys.com/applied-microbiology/microbial-secondary-metabolite-screening	Anaerobic Digestion Microbiota Research https://internships.nthrys.com/applied-microbiology/anaerobic-digestion-microbiota-research
Oral Microbiome Pathogenesis Research https://internships.nthrys.com/applied-microbiology/oral-microbiome-pathogenesis-research	Immunocompromised Patient Pathogen Surveillance https://internships.nthrys.com/applied-microbiology/immunocompromised-patient-pathogen-surveillance
Microbial Spoilage Wine and Viticulture Research https://internships.nthrys.com/applied-microbiology/microbial-spoilage-wine-and-viticulture-research	Biofuel Microbial Production Research https://internships.nthrys.com/applied-microbiology/biofuel-microbial-production-research
Antimicrobial Resistance Gene Detection Methods https://internships.nthrys.com/applied-microbiology/antimicrobial-resistance-gene-detection-methods	Wound Infection Microbiology Research https://internships.nthrys.com/applied-microbiology/wound-infection-microbiology-research
Beverage Production Microbial Stability Testing https://internships.nthrys.com/applied-microbiology/beverage-production-microbial-stability-testing	Plant Pathogenic Microbe Identification Research https://internships.nthrys.com/applied-microbiology/plant-pathogenic-microbe-identification-research
Probiotic Strain Viability Assessment Research https://internships.nthrys.com/applied-microbiology/probiotic-strain-viability-assessment-research	Industrial Wastewater Microbial Treatment https://internships.nthrys.com/applied-microbiology/industrial-wastewater-microbial-treatment
Respiratory Tract Infection Pathogen Typing https://internships.nthrys.com/applied-microbiology/respiratory-tract-infection-pathogen-typing	Textile and Dye Industry Bioremediation https://internships.nthrys.com/applied-microbiology/textile-and-dye-industry-bioremediation
Refrigerated Food Spoilage Microbiology https://internships.nthrys.com/applied-microbiology/refrigerated-food-spoilage-microbiology	Water Distribution System Biofilm Research https://internships.nthrys.com/applied-microbiology/water-distribution-system-biofilm-research
Microbial Genomics Strain Characterization https://internships.nthrys.com/applied-microbiology/microbial-genomics-strain-characterization	Pharmaceutical Manufacturing Environmental Monitoring https://internships.nthrys.com/applied-microbiology/pharmaceutical-manufacturing-environmental-monitoring
Urinary Tract Infection Bacteriology Research https://internships.nthrys.com/applied-microbiology/urinary-tract-infection-bacteriology-research	Biofortification Microbe Agricultural Application https://internships.nthrys.com/applied-microbiology/biofortification-microbe-agricultural-application
Pulp and Paper Industry Microbiology Research https://internships.nthrys.com/applied-microbiology/pulp-and-paper-industry-microbiology-research	Microbial Community DNA Metabarcoding Analysis https://internships.nthrys.com/applied-microbiology/microbial-community-dna-metabarcoding-analysis
Skin Microbiome Associated Disease Research https://internships.nthrys.com/applied-microbiology/skin-microbiome-associated-disease-research	Oil Industry Microbial Corrosion Prevention https://internships.nthrys.com/applied-microbiology/oil-industry-microbial-corrosion-prevention
Spice and Herb Microbial Safety Analysis https://internships.nthrys.com/applied-microbiology/spice-and-herb-microbial-safety-analysis	Vaginal Microbiome Dysbiosis Investigation https://internships.nthrys.com/applied-microbiology/vaginal-microbiome-dysbiosis-investigation

Applied Microbiology Internship Topics and Focused Areas

AI Industrial Applied Microbiology Research

- AI-Driven Microbial Strain Optimization
- Predictive Microbial Contamination Detection
- Machine Learning for Antibiotic Resistance Profiling
- Automated Microbial Ecosystem Modeling
- Deep Learning for Microbial Morphology and Classification

Machine Learning Food Microbiology Research

- Predictive Modeling of Microbial Spoilage in Perishable Foods
- Automated Pathogen Detection Using Computer Vision and Deep Learning
- Fermentation Process Optimization via Machine Learning
- Genomic Data Analysis for Foodborne Pathogen Identification

- Real-Time Microbial Risk Assessment in Food Processing Facilities

Applied Bioremediation Microbiology Research

- Heavy Metal Biosorption by Microbial Consortia
- Petroleum Hydrocarbon Degradation Pathways
- Xenobiotic Compound Biodegradation Engineering
- Biofilm-based Treatment Systems for Industrial Effluents
- Mycoremediation of Contaminated Substrates

AI Agricultural Applied Microbiology Research

- Microbial Pathogen Detection in Crop Systems
- Beneficial Soil Microbiome Characterization
- Biocontrol Agent Development and Testing
- Fermentation Optimization for Microbial Biopesticides
- Plant Microbiome Manipulation for Stress Resilience

AI Probiotic Development Research

- Strain Identification and Characterization
- In Vitro Efficacy Testing
- Fermentation Optimization and Scale-Up
- Formulation Development and Stability Studies
- Genomic Analysis and AI Model Development

Fermentation Optimization Bioprocess Research

- Microbial Strain Optimization for Enhanced Metabolite Production
- Bioreactor Process Parameter Development and Scale-Up
- Substrate Utilization and Media Formulation Studies
- Metabolic Pathway Analysis and Enzyme Kinetics in Fermentation
- Fed-Batch Fermentation Strategy Development and Control

Wastewater Treatment Microbiology Research

- Microbial Community Profiling in Activated Sludge Systems
- Isolation and Characterization of Novel Nitrifying Microorganisms
- Biofilm Formation and Extracellular Polymeric Substances (EPS) Analysis
- Antibiotic Resistance Gene Persistence in Wastewater Treatment Processes
- Enzymatic Degradation of Recalcitrant Organic Pollutants

Refrigerated Food Spoilage Microbiology

- Psychrophilic Bacterial Isolation and Characterization

- Lipid Oxidation and Rancidity Development in Refrigerated Foods
- Biofilm Formation on Food Contact Surfaces at Low Temperatures
- Pathogenic *Listeria monocytogenes* Survival and Proliferation in Refrigerated Environments
- Spoilage Metabolite Production and Sensory Quality Prediction in Chilled Products

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