

Biochemistry Internship with Accommodation at Kolkata

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50

Active Categories

20

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.

Biochemistry Internship Categories

AI Enzyme Mechanism & Kinetics Research https://internships.nthrys.com/biochemistry/ai-enzyme-mechanism-kinetics-research	Machine Learning for Metabolic Network Research https://internships.nthrys.com/biochemistry/machine-learning-metabolic-network-research
AI Protein Biochemistry & PTM Research https://internships.nthrys.com/biochemistry/ai-protein-biochemistry-ptm-research	AI Lipid Biochemistry & Signaling Research https://internships.nthrys.com/biochemistry/ai-lipid-biochemistry-signaling-research
AI Nucleic Acid Biochemistry Research https://internships.nthrys.com/biochemistry/ai-nucleic-acid-biochemistry-research	AI Carbohydrate Biochemistry Research https://internships.nthrys.com/biochemistry/ai-carbohydrate-biochemistry-research
AI Natural Product Biochemistry Research https://internships.nthrys.com/biochemistry/ai-natural-product-biochemistry-research	AI Cell Signaling Biochemistry Research https://internships.nthrys.com/biochemistry/ai-cell-signaling-biochemistry-research
AI Structural Biochemistry Research https://internships.nthrys.com/biochemistry/ai-structural-biochemistry-research	AI Chemical Biology Interface Research https://internships.nthrys.com/biochemistry/ai-chemical-biology-interface-research
Protein Folding & Misfolding Disease Research https://internships.nthrys.com/biochemistry/protein-folding-misfolding-disease-research	Enzyme Engineering & Directed Evolution https://internships.nthrys.com/biochemistry/enzyme-engineering-directed-evolution
Metabolomics & Biomarker Discovery https://internships.nthrys.com/biochemistry/metabolomics-biomarker-discovery	Drug Metabolism & Pharmacokinetics Research https://internships.nthrys.com/biochemistry/drug-metabolism-pharmacokinetics-research

Post-Translational Modification Analysis https://internships.nthrys.com/biochemistry/post-translational-modification-analysis	Receptor-Ligand Binding Kinetics Study https://internships.nthrys.com/biochemistry/receptor-ligand-binding-kinetics-study
Redox Biochemistry & Oxidative Stress https://internships.nthrys.com/biochemistry/redox-biochemistry-oxidative-stress	Membrane Protein Isolation & Characterization https://internships.nthrys.com/biochemistry/membrane-protein-isolation-characterization
Protein-Protein Interaction Network Mapping https://internships.nthrys.com/biochemistry/protein-protein-interaction-network-mapping	Bioenergetics & ATP Production Research https://internships.nthrys.com/biochemistry/bioenergetics-atp-production-research
Enzymatic Biosynthesis Pathway Engineering https://internships.nthrys.com/biochemistry/enzymatic-biosynthesis-pathway-engineering	Protein Aggregation & Amyloid Formation https://internships.nthrys.com/biochemistry/protein-aggregation-amyloid-formation
Enzyme Inhibition & Drug Screening https://internships.nthrys.com/biochemistry/enzyme-inhibition-drug-screening	Cofactor Biosynthesis & Metabolism https://internships.nthrys.com/biochemistry/cofactor-biosynthesis-metabolism
Proteolytic Enzyme Specificity Research https://internships.nthrys.com/biochemistry/proteolytic-enzyme-specificity-research	Glycoprotein Analysis & Characterization https://internships.nthrys.com/biochemistry/glycoprotein-analysis-characterization
Allosteric Regulation & Cooperative Binding https://internships.nthrys.com/biochemistry/allosteric-regulation-cooperative-binding	Chemotherapy Target Validation Research https://internships.nthrys.com/biochemistry/chemotherapy-target-validation-research
Microbial Enzyme Production & Screening https://internships.nthrys.com/biochemistry/microbial-enzyme-production-screening	Protein Sequence Homology & Evolution https://internships.nthrys.com/biochemistry/protein-sequence-homology-evolution
Cellular pH Regulation & Buffering Systems https://internships.nthrys.com/biochemistry/cellular-ph-regulation-buffering-systems	Substrate Analog & Transition State Research https://internships.nthrys.com/biochemistry/substrate-analog-transition-state-research
Biom mineralization & Crystal Formation https://internships.nthrys.com/biochemistry/biom mineralization-crystal-formation	Immunological Protein Characterization https://internships.nthrys.com/biochemistry/immunological-protein-characterization
Lipid Oxidation & Peroxidation Research https://internships.nthrys.com/biochemistry/lipid-oxidation-peroxidation-research	Enzyme Thermostability & Engineering https://internships.nthrys.com/biochemistry/enzyme-thermostability-engineering
Nucleotide Synthesis & Salvage Pathways https://internships.nthrys.com/biochemistry/nucleotide-synthesis-salvage-pathways	Protein Degradation & Ubiquitin System https://internships.nthrys.com/biochemistry/protein-degradation-ubiquitin-system
Amino Acid Metabolism & Biosynthesis https://internships.nthrys.com/biochemistry/amino-acid-metabolism-biosynthesis	Enzyme Complex Assembly & Function https://internships.nthrys.com/biochemistry/enzyme-complex-assembly-function
Biofilm Biochemistry & Antibiotic Resistance https://internships.nthrys.com/biochemistry/biofilm-biochemistry-antibiotic-resistance	Photosynthetic Enzyme System Research https://internships.nthrys.com/biochemistry/photosynthetic-enzyme-system-research
Hormone Biosynthesis & Signaling Pathways https://internships.nthrys.com/biochemistry/hormone-biosynthesis-signaling-pathways	DNA Repair Enzyme Characterization https://internships.nthrys.com/biochemistry/dna-repair-enzyme-characterization
Extracellular Matrix Protein Cross-linking https://internships.nthrys.com/biochemistry/extracellular-matrix-protein-crosslinking	Inflammatory Mediator Biochemistry https://internships.nthrys.com/biochemistry/inflammatory-mediator-biochemistry
Metal Ion Homeostasis & Transport https://internships.nthrys.com/biochemistry/metal-ion-homeostasis-transport	Enzyme Inhibitor Development & Testing https://internships.nthrys.com/biochemistry/enzyme-inhibitor-development-testing
Aging Biochemistry & Senescence Research https://internships.nthrys.com/biochemistry/aging-biochemistry-senescence-research	Xenobiotic Metabolism & Detoxification https://internships.nthrys.com/biochemistry/xenobiotic-metabolism-detoxification

Biochemistry Internship Topics and Focused Areas

AI Carbohydrate Biochemistry Research

- Machine Learning Models for Carbohydrate Structure Prediction
- Natural Language Processing for Glycomics Literature Mining
- AI-Driven Drug-Carbohydrate Interaction Analysis
- Metabolic Pathway Optimization Using AI and Systems Biology
- Image Analysis and Pattern Recognition in Carbohydrate Spectroscopy

AI Structural Biochemistry Research

- Protein Structure Prediction using Deep Learning
- Molecular Docking and Drug-Ligand Interaction Analysis
- Enzyme Kinetics Modeling and Structural Analysis
- Cryo-EM Data Processing and 3D Reconstruction
- Protein-Protein Interaction Mapping and Network Analysis

Drug Metabolism & Pharmacokinetics Research

- Phase I Drug Metabolism Pathways
- Phase II Conjugation Reactions & Bioavailability
- Pharmacokinetic Parameter Estimation & ADME Modeling
- Drug-Drug Interaction & CYP450 Inhibition Studies
- Metabolite Identification & Toxicology Assessment

DNA Repair Enzyme Characterization

- Base Excision Repair (BER) Enzyme Kinetics
- Nucleotide Excision Repair (NER) Protein-DNA Interactions
- Mismatch Repair (MMR) Enzyme Expression and Purification
- DNA Polymerase Fidelity in Repair Pathways
- High-Resolution Structural Analysis of Repair Complexes

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