

NGS Internship with Accommodation at Kolkata

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Active Categories

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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.

NGS Internship Categories

AI NGS Data Pipeline Research https://internships.nthrys.com/ngs/ai-ngs-data-pipeline-research	Machine Learning Variant Calling Research https://internships.nthrys.com/ngs/machine-learning-variant-calling-research
AI Long-Read NGS Analysis Research https://internships.nthrys.com/ngs/ai-long-read-ngs-analysis-research	AI Single-Cell NGS Research https://internships.nthrys.com/ngs/ai-single-cell-ngs-research
AI Spatial Transcriptomics NGS Research https://internships.nthrys.com/ngs/ai-spatial-transcriptomics-ngs-research	AI Metagenomics NGS Research https://internships.nthrys.com/ngs/ai-metagenomics-ngs-research
AI Epigenomics NGS Research https://internships.nthrys.com/ngs/ai-epigenomics-ngs-research	AI Clinical NGS Application Research https://internships.nthrys.com/ngs/ai-clinical-ngs-application-research
AI NGS Quality Control Research https://internships.nthrys.com/ngs/ai-ngs-quality-control-research	AI Low-Input NGS Technology Research https://internships.nthrys.com/ngs/ai-low-input-ngs-technology-research
RNA-Seq Transcriptome Assembly Optimization https://internships.nthrys.com/ngs/rna-seq-transcriptome-assembly-optimization	Whole Genome Sequencing SNP Discovery https://internships.nthrys.com/ngs/whole-genome-sequencing-snp-discovery
Targeted Panel Sequencing Disease Detection https://internships.nthrys.com/ngs/targeted-panel-sequencing-disease-detection	Copy Number Variation Analysis Methods https://internships.nthrys.com/ngs/copy-number-variation-analysis-methods

Environmental DNA Microbial Community Profiling https://internships.nthrys.com/ngs/environmental-dna-microbial-community-profiling	Structural Variant Detection Pipeline Development https://internships.nthrys.com/ngs/structural-variant-detection-pipeline-development
Bacterial Genome Assembly High-Throughput https://internships.nthrys.com/ngs/bacterial-genome-assembly-high-throughput	Chromatin Immunoprecipitation NGS Analysis https://internships.nthrys.com/ngs/chromatin-immunoprecipitation-ngs-analysis
Viral Genome Sequencing Outbreak Investigation https://internships.nthrys.com/ngs/viral-genome-sequencing-outbreak-investigation	RNA Editing Site Discovery and Validation https://internships.nthrys.com/ngs/ma-editing-site-discovery-and-validation
Cancer Mutation Signature Analysis Research https://internships.nthrys.com/ngs/cancer-mutation-signature-analysis-research	Plant Genomics NGS Marker Development https://internships.nthrys.com/ngs/plant-genomics-ngs-marker-development
Immunoglobulin Repertoire Sequencing Analysis https://internships.nthrys.com/ngs/immunoglobulin-repertoire-sequencing-analysis	Ancient DNA Degradation Pattern Analysis https://internships.nthrys.com/ngs/ancient-dna-degradation-pattern-analysis
Forensic Genomics STR Analysis Pipeline https://internships.nthrys.com/ngs/forensic-genomics-str-analysis-pipeline	Circulating Tumor DNA Early Detection https://internships.nthrys.com/ngs/circulating-tumor-dna-early-detection
Alternative Splicing Variant Characterization https://internships.nthrys.com/ngs/alternative-splicing-variant-characterization	Pharmacogenomics Variant Interpretation Study https://internships.nthrys.com/ngs/pharmacogenomics-variant-interpretation-study
Exome Sequencing Rare Disease Gene Discovery https://internships.nthrys.com/ngs/exome-sequencing-rare-disease-gene-discovery	DNA Methylation Profiling WGBS Analysis https://internships.nthrys.com/ngs/dna-methylation-profiling-wgbs-analysis
Mitochondrial Genome Variant Detection https://internships.nthrys.com/ngs/mitochondrial-genome-variant-detection	Fungal Pathogen Genome Characterization https://internships.nthrys.com/ngs/fungal-pathogen-genome-characterization
Haplotype Phasing and Population Genetics https://internships.nthrys.com/ngs/haplotype-phasing-and-population-genetics	ATAC-Seq Chromatin Accessibility Mapping https://internships.nthrys.com/ngs/atac-seq-chromatin-accessibility-mapping
Pathogen Resistance Gene Identification https://internships.nthrys.com/ngs/pathogen-resistance-gene-identification	Hi-C Chromosome Conformation Capture Analysis https://internships.nthrys.com/ngs/hi-c-chromosome-conformation-capture-analysis
Non-Coding RNA Discovery and Validation https://internships.nthrys.com/ngs/non-coding-rna-discovery-and-validation	Polyploid Genome Assembly and Analysis https://internships.nthrys.com/ngs/polyploid-genome-assembly-and-analysis
Translational NGS Biomarker Development https://internships.nthrys.com/ngs/translational-ngs-biomarker-development	Repetitive Element Annotation Classification https://internships.nthrys.com/ngs/repetitive-element-annotation-classification
Transcriptional Regulatory Element Discovery https://internships.nthrys.com/ngs/transcriptional-regulatory-element-discovery	Probiotic Strain Genomic Characterization https://internships.nthrys.com/ngs/probiotic-strain-genomic-characterization
CRISPR Off-Target Effect Detection NGS https://internships.nthrys.com/ngs/crispr-off-target-effect-detection-ngs	Antimicrobial Resistance Gene Mapping https://internships.nthrys.com/ngs/antimicrobial-resistance-gene-mapping
Organellar Genome Evolution Comparative Study https://internships.nthrys.com/ngs/organellar-genome-evolution-comparative-study	Clinical Cytogenomics Array Interpretation https://internships.nthrys.com/ngs/clinical-cytogenomics-array-interpretation
Tumor Heterogeneity Single-Cell DNA https://internships.nthrys.com/ngs/tumor-heterogeneity-single-cell-dna	Glycoprotein Epitope Prediction NGS https://internships.nthrys.com/ngs/glycoprotein-epitope-prediction-ngs
Synthetic Biology Construct Verification https://internships.nthrys.com/ngs/synthetic-biology-construct-verification	Cross-Species Comparative Genomics Research https://internships.nthrys.com/ngs/cross-species-comparative-genomics-research

NGS Internship Topics and Focused Areas

AI NGS Data Pipeline Research

- Machine Learning Model Optimization for Variant Calling
- Quality Control and Data Filtering Algorithms
- Sequence Alignment Pipeline Acceleration
- Annotation and Functional Impact Prediction

- Scalable Data Management and Pipeline Architecture

RNA-Seq Transcriptome Assembly Optimization

- De Novo Transcriptome Assembly Pipeline Optimization
- Quality Assessment and Error Correction in RNA-Seq Assemblies
- Transcript Isoform Detection and Characterization
- Comparative Transcriptomics Assembly Framework Development
- Long-Read and Short-Read Hybrid Assembly Integration

Viral Genome Sequencing Outbreak Investigation

- Real-time Phylogenetic Analysis of Viral Outbreaks
- Viral Variant Identification and Classification
- Phylogenetic Analysis and Molecular Epidemiology
- Viral Mutation Pattern Recognition and Variant Characterization
- Consensus Sequence Assembly and Quality Control
- Quality Control and Data Processing Pipelines for Viral NGS
- Epidemiological Modeling Using Viral Genomic Data
- Mutation Analysis and Functional Annotation
- Comparative Genomics of Viral Strains in Outbreak Clusters
- Real-time Surveillance Data Integration and Reporting

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