

# Genetics Internship with Accommodation at Chennai

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51

Active Categories

15

Focused Areas

Chennai

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.

## Genetics Internship Categories

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| <b>AI Population Genetics Research</b><br><a href="https://internships.nthrys.com/genetics/ai-population-genetics-research">https://internships.nthrys.com/genetics/ai-population-genetics-research</a>                                     | <b>Machine Learning Quantitative Genetics Research</b><br><a href="https://internships.nthrys.com/genetics/machine-learning-quantitative-genetics">https://internships.nthrys.com/genetics/machine-learning-quantitative-genetics</a> |
| <b>AI Mendelian Disease Genetics Research</b><br><a href="https://internships.nthrys.com/genetics/ai-mendelian-disease-genetics-research">https://internships.nthrys.com/genetics/ai-mendelian-disease-genetics-research</a>                | <b>AI Complex Trait Genetics Research</b><br><a href="https://internships.nthrys.com/genetics/ai-complex-trait-genetics-research">https://internships.nthrys.com/genetics/ai-complex-trait-genetics-research</a>                      |
| <b>AI Epigenetic Inheritance Research</b><br><a href="https://internships.nthrys.com/genetics/ai-epigenetic-inheritance-research">https://internships.nthrys.com/genetics/ai-epigenetic-inheritance-research</a>                            | <b>AI Chromosome Biology Research</b><br><a href="https://internships.nthrys.com/genetics/ai-chromosome-biology-research">https://internships.nthrys.com/genetics/ai-chromosome-biology-research</a>                                  |
| <b>AI Gene-Environment Interaction Research</b><br><a href="https://internships.nthrys.com/genetics/ai-gene-environment-interaction-research">https://internships.nthrys.com/genetics/ai-gene-environment-interaction-research</a>          | <b>AI Somatic Mutation Genetics Research</b><br><a href="https://internships.nthrys.com/genetics/ai-somatic-mutation-genetics-research">https://internships.nthrys.com/genetics/ai-somatic-mutation-genetics-research</a>             |
| <b>AI Genetic Counseling Science Research</b><br><a href="https://internships.nthrys.com/genetics/ai-genetic-counseling-science-research">https://internships.nthrys.com/genetics/ai-genetic-counseling-science-research</a>                | <b>AI Plant Genetics Research</b><br><a href="https://internships.nthrys.com/genetics/ai-plant-genetics-research">https://internships.nthrys.com/genetics/ai-plant-genetics-research</a>                                              |
| <b>CRISPR Gene Editing Therapeutic Development</b><br><a href="https://internships.nthrys.com/genetics/crispr-gene-editing-therapeutic-development">https://internships.nthrys.com/genetics/crispr-gene-editing-therapeutic-development</a> | <b>CRISPR Gene Editing Applications Research</b><br><a href="https://internships.nthrys.com/genetics/crispr-gene-editing-applications-research">https://internships.nthrys.com/genetics/crispr-gene-editing-applications-research</a> |
| <b>Genomic Sequencing Data Analysis</b><br><a href="https://internships.nthrys.com/genetics/genomic-sequencing-data-analysis">https://internships.nthrys.com/genetics/genomic-sequencing-data-analysis</a>                                  | <b>Mitochondrial DNA Mutation Research</b><br><a href="https://internships.nthrys.com/genetics/mitochondrial-dna-mutation-research">https://internships.nthrys.com/genetics/mitochondrial-dna-mutation-research</a>                   |

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| <b>Genetic Marker Development Cancer Studies</b><br><a href="https://internships.nthrys.com/genetics/genetic-marker-development-cancer-studies">https://internships.nthrys.com/genetics/genetic-marker-development-cancer-studies</a>       | <b>RNA-Seq Expression Profiling Studies</b><br><a href="https://internships.nthrys.com/genetics/rna-seq-expression-profiling-studies">https://internships.nthrys.com/genetics/rna-seq-expression-profiling-studies</a>                            |
| <b>Linkage Analysis Family Pedigree Studies</b><br><a href="https://internships.nthrys.com/genetics/linkage-analysis-family-pedigree-studies">https://internships.nthrys.com/genetics/linkage-analysis-family-pedigree-studies</a>          | <b>Pharmacogenomics Drug Response Research</b><br><a href="https://internships.nthrys.com/genetics/pharmacogenomics-drug-response-research">https://internships.nthrys.com/genetics/pharmacogenomics-drug-response-research</a>                   |
| <b>Population Stratification Ancestry Analysis</b><br><a href="https://internships.nthrys.com/genetics/population-stratification-ancestry-analysis">https://internships.nthrys.com/genetics/population-stratification-ancestry-analysis</a> | <b>Structural Variant Detection Characterization</b><br><a href="https://internships.nthrys.com/genetics/structural-variant-detection-characterization">https://internships.nthrys.com/genetics/structural-variant-detection-characterization</a> |
| <b>Copy Number Variation Analysis Methods</b><br><a href="https://internships.nthrys.com/genetics/copy-number-variation-analysis-methods">https://internships.nthrys.com/genetics/copy-number-variation-analysis-methods</a>                | <b>Genome Assembly Pipeline Development</b><br><a href="https://internships.nthrys.com/genetics/genome-assembly-pipeline-development">https://internships.nthrys.com/genetics/genome-assembly-pipeline-development</a>                            |
| <b>Mutagenesis Screen Model Organism</b><br><a href="https://internships.nthrys.com/genetics/mutagenesis-screen-model-organism">https://internships.nthrys.com/genetics/mutagenesis-screen-model-organism</a>                               | <b>Microarray Genotyping Analysis Studies</b><br><a href="https://internships.nthrys.com/genetics/microarray-genotyping-analysis-studies">https://internships.nthrys.com/genetics/microarray-genotyping-analysis-studies</a>                      |
| <b>Heterozygous Advantage Selection Research</b><br><a href="https://internships.nthrys.com/genetics/heterozygous-advantage-selection-research">https://internships.nthrys.com/genetics/heterozygous-advantage-selection-research</a>       | <b>Ancient DNA Paleogenomics Analysis</b><br><a href="https://internships.nthrys.com/genetics/ancient-dna-paleogenomics-analysis">https://internships.nthrys.com/genetics/ancient-dna-paleogenomics-analysis</a>                                  |
| <b>Viral Genomics Evolution Tracking</b><br><a href="https://internships.nthrys.com/genetics/viral-genomics-evolution-tracking">https://internships.nthrys.com/genetics/viral-genomics-evolution-tracking</a>                               | <b>Bacterial Horizontal Gene Transfer</b><br><a href="https://internships.nthrys.com/genetics/bacterial-horizontal-gene-transfer">https://internships.nthrys.com/genetics/bacterial-horizontal-gene-transfer</a>                                  |
| <b>Retrotransposon Activity Mobilome Studies</b><br><a href="https://internships.nthrys.com/genetics/retrotransposon-activity-mobilome-studies">https://internships.nthrys.com/genetics/retrotransposon-activity-mobilome-studies</a>       | <b>Exome Sequencing Disease Gene Discovery</b><br><a href="https://internships.nthrys.com/genetics/exome-sequencing-disease-gene-discovery">https://internships.nthrys.com/genetics/exome-sequencing-disease-gene-discovery</a>                   |
| <b>Genome-Wide Association Study Analysis</b><br><a href="https://internships.nthrys.com/genetics/genome-wide-association-study-analysis">https://internships.nthrys.com/genetics/genome-wide-association-study-analysis</a>                | <b>Functional Genetics Cell-Based Assays</b><br><a href="https://internships.nthrys.com/genetics/functional-genetics-cell-based-assays">https://internships.nthrys.com/genetics/functional-genetics-cell-based-assays</a>                         |
| <b>Synthetic Biology Genetic Circuit Design</b><br><a href="https://internships.nthrys.com/genetics/synthetic-biology-genetic-circuit-design">https://internships.nthrys.com/genetics/synthetic-biology-genetic-circuit-design</a>          | <b>Personalized Medicine Genomics Application</b><br><a href="https://internships.nthrys.com/genetics/personalized-medicine-genomics-application">https://internships.nthrys.com/genetics/personalized-medicine-genomics-application</a>          |
| <b>Immunogenetics HLA Typing Analysis</b><br><a href="https://internships.nthrys.com/genetics/immunogenetics-hla-typing-analysis">https://internships.nthrys.com/genetics/immunogenetics-hla-typing-analysis</a>                            | <b>Forensic Genetics DNA Profile Development</b><br><a href="https://internships.nthrys.com/genetics/forensic-genetics-dna-profile-development">https://internships.nthrys.com/genetics/forensic-genetics-dna-profile-development</a>             |
| <b>Conservation Genetics Wildlife Population</b><br><a href="https://internships.nthrys.com/genetics/conservation-genetics-wildlife-population">https://internships.nthrys.com/genetics/conservation-genetics-wildlife-population</a>       | <b>Single-Cell Genomics Transcriptomics</b><br><a href="https://internships.nthrys.com/genetics/single-cell-genomics-transcriptomics">https://internships.nthrys.com/genetics/single-cell-genomics-transcriptomics</a>                            |
| <b>Metabolic Disease Gene Pathway Analysis</b><br><a href="https://internships.nthrys.com/genetics/metabolic-disease-gene-pathway-analysis">https://internships.nthrys.com/genetics/metabolic-disease-gene-pathway-analysis</a>             | <b>Neurogenetics Brain Disorder Research</b><br><a href="https://internships.nthrys.com/genetics/neurogenetics-brain-disorder-research">https://internships.nthrys.com/genetics/neurogenetics-brain-disorder-research</a>                         |
| <b>Cardiovascular Disease Genetic Risk</b><br><a href="https://internships.nthrys.com/genetics/cardiovascular-disease-genetic-risk">https://internships.nthrys.com/genetics/cardiovascular-disease-genetic-risk</a>                         | <b>Immune System Genetics Autoimmunity</b><br><a href="https://internships.nthrys.com/genetics/immune-system-genetics-autoimmunity">https://internships.nthrys.com/genetics/immune-system-genetics-autoimmunity</a>                               |
| <b>Pesticide Resistance Evolution Monitoring</b><br><a href="https://internships.nthrys.com/genetics/pesticide-resistance-evolution-monitoring">https://internships.nthrys.com/genetics/pesticide-resistance-evolution-monitoring</a>       | <b>Comparative Genomics Species Evolution</b><br><a href="https://internships.nthrys.com/genetics/comparative-genomics-species-evolution">https://internships.nthrys.com/genetics/comparative-genomics-species-evolution</a>                      |
| <b>Chromatin Immunoprecipitation Sequencing</b><br><a href="https://internships.nthrys.com/genetics/chromatin-immunoprecipitation-sequencing">https://internships.nthrys.com/genetics/chromatin-immunoprecipitation-sequencing</a>          | <b>ATAC-Seq Chromatin Accessibility</b><br><a href="https://internships.nthrys.com/genetics/atac-seq-chromatin-accessibility">https://internships.nthrys.com/genetics/atac-seq-chromatin-accessibility</a>                                        |
| <b>Variant Effect Prediction Computational</b><br><a href="https://internships.nthrys.com/genetics/variant-effect-prediction-computational">https://internships.nthrys.com/genetics/variant-effect-prediction-computational</a>             | <b>Genetic Recombination Hotspot Mapping</b><br><a href="https://internships.nthrys.com/genetics/genetic-recombination-hotspot-mapping">https://internships.nthrys.com/genetics/genetic-recombination-hotspot-mapping</a>                         |
| <b>Telomere Biology Genetic Studies</b><br><a href="https://internships.nthrys.com/genetics/telomere-biology-genetic-studies">https://internships.nthrys.com/genetics/telomere-biology-genetic-studies</a>                                  | <b>Organelle Genetics Inheritance Patterns</b><br><a href="https://internships.nthrys.com/genetics/organelle-genetics-inheritance-patterns">https://internships.nthrys.com/genetics/organelle-genetics-inheritance-patterns</a>                   |
| <b>Epigenetic Mark ChIP-seq Profiling</b><br><a href="https://internships.nthrys.com/genetics/epigenetic-mark-chip-seq-profiling">https://internships.nthrys.com/genetics/epigenetic-mark-chip-seq-profiling</a>                            |                                                                                                                                                                                                                                                   |

## Genetics Internship Topics and Focused Areas

### Machine Learning Quantitative Genetics Research

- Genomic Prediction Model Development
- Variant Effect Prediction and Classification
- Heritability and Gene-Environment Interaction Analysis

- Population Stratification and Admixture Analysis
- Quantitative Trait Loci (QTL) Mapping with ML Integration

### **CRISPR Gene Editing Therapeutic Development**

- CRISPR Off-Target Effects Analysis
- Gene Delivery Vector Optimization
- CRISPR Base Editing and Prime Editing Development
- Disease Model Development for CRISPR Therapeutics
- CRISPR Immunogenicity and Safety Assessment

### **CRISPR Gene Editing Applications Research**

- Off-Target Effects Assessment in CRISPR-Cas9 Systems
- Base Editing and Prime Editing Optimization
- CRISPR Delivery Systems and In Vivo Gene Therapy Development
- Multiplex CRISPR Gene Editing for Disease Modeling
- CRISPR Screening Platforms for Target Discovery and Validation

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