

# Bacteriophage Genomics Internship with Accommodation at Bengaluru

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**50**  
Active Categories

**5**  
Focused Areas

**Bengaluru**  
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.

## Bacteriophage Genomics Internship Categories

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| <b>AI Phage Genome Assembly &amp; Annotation Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/ai-phage-genome-assembly-annotation-research">https://internships.nthrys.com/bacteriophage-genomics/ai-phage-genome-assembly-annotation-research</a>    | <b>Machine Learning for Phage-Host Range Prediction</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/machine-learning-phage-host-range-prediction">https://internships.nthrys.com/bacteriophage-genomics/machine-learning-phage-host-range-prediction</a> |
| <b>AI Phage Tail Fiber Engineering Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/ai-phage-tail-fiber-engineering-research">https://internships.nthrys.com/bacteriophage-genomics/ai-phage-tail-fiber-engineering-research</a>                      | <b>AI Phage Therapy Clinical Genomics Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/ai-phage-therapy-clinical-genomics-research">https://internships.nthrys.com/bacteriophage-genomics/ai-phage-therapy-clinical-genomics-research</a>        |
| <b>AI Phage-Encoded AMR Detection Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/ai-phage-encoded-amr-detection-research">https://internships.nthrys.com/bacteriophage-genomics/ai-phage-encoded-amr-detection-research</a>                         | <b>AI Phage Diversity in Environmental Samples</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/ai-phage-diversity-environmental-samples">https://internships.nthrys.com/bacteriophage-genomics/ai-phage-diversity-environmental-samples</a>              |
| <b>AI CRISPR-Phage Arms Race Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/ai-crispr-phage-arms-race-research">https://internships.nthrys.com/bacteriophage-genomics/ai-crispr-phage-arms-race-research</a>                                        | <b>AI Phage Lysogeny &amp; Integration Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/ai-phage-lysogeny-integration-research">https://internships.nthrys.com/bacteriophage-genomics/ai-phage-lysogeny-integration-research</a>                 |
| <b>AI Giant Phage Biology Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/ai-giant-phage-biology-research">https://internships.nthrys.com/bacteriophage-genomics/ai-giant-phage-biology-research</a>                                                 | <b>AI Phage-Based Diagnostics Development Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/ai-phage-based-diagnostics-development">https://internships.nthrys.com/bacteriophage-genomics/ai-phage-based-diagnostics-development</a>              |
| <b>Phage Genome Sequencing Technology Optimization</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-genome-sequencing-technology-optimization">https://internships.nthrys.com/bacteriophage-genomics/phage-genome-sequencing-technology-optimization</a> | <b>Comparative Genomics of Mycobacteriophages</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/comparative-genomics-of-mycobacteriophages">https://internships.nthrys.com/bacteriophage-genomics/comparative-genomics-of-mycobacteriophages</a>           |
| <b>Phage Structural Protein Prediction Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-structural-protein-prediction-research">https://internships.nthrys.com/bacteriophage-genomics/phage-structural-protein-prediction-research</a>          | <b>Horizontal Gene Transfer in Phage Genomes</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/horizontal-gene-transfer-in-phage-genomes">https://internships.nthrys.com/bacteriophage-genomics/horizontal-gene-transfer-in-phage-genomes</a>              |
| <b>Phage Promoter and Terminator Identification</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-promoter-and-terminator-identification">https://internships.nthrys.com/bacteriophage-genomics/phage-promoter-and-terminator-identification</a>          | <b>Thermophilic Phage Genome Characterization</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/thermophilic-phage-genome-characterization">https://internships.nthrys.com/bacteriophage-genomics/thermophilic-phage-genome-characterization</a>           |

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| <b>Phage Auxiliary Metabolic Genes Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-auxiliary-metabolic-genes-research">https://internships.nthrys.com/bacteriophage-genomics/phage-auxiliary-metabolic-genes-research</a>                   | <b>Single-Stranded DNA Phage Genomics</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/single-stranded-dna-phage-genomics">https://internships.nthrys.com/bacteriophage-genomics/single-stranded-dna-phage-genomics</a>                            |
| <b>Phage Genome Synteny Analysis Methods</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-genome-synteny-analysis-methods">https://internships.nthrys.com/bacteriophage-genomics/phage-genome-synteny-analysis-methods</a>                            | <b>RNA Phage Genome Organization Study</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/rna-phage-genome-organization-study">https://internships.nthrys.com/bacteriophage-genomics/rna-phage-genome-organization-study</a>                         |
| <b>Phage Antibiotic Resistance Gene Mapping</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-antibiotic-resistance-gene-mapping">https://internships.nthrys.com/bacteriophage-genomics/phage-antibiotic-resistance-gene-mapping</a>                   | <b>Cyanophage Genome Diversity Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/cyanophage-genome-diversity-research">https://internships.nthrys.com/bacteriophage-genomics/cyanophage-genome-diversity-research</a>                      |
| <b>Phage Genome Mutation Rate Analysis</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-genome-mutation-rate-analysis">https://internships.nthrys.com/bacteriophage-genomics/phage-genome-mutation-rate-analysis</a>                                  | <b>Temperate Phage Integration Site Mapping</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/temperate-phage-integration-site-mapping">https://internships.nthrys.com/bacteriophage-genomics/temperate-phage-integration-site-mapping</a>          |
| <b>Phage Head Packaging Signal Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-head-packaging-signal-research">https://internships.nthrys.com/bacteriophage-genomics/phage-head-packaging-signal-research</a>                               | <b>Marine Metagenomic Phage Identification</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/marine-metagenomic-phage-identification">https://internships.nthrys.com/bacteriophage-genomics/marine-metagenomic-phage-identification</a>             |
| <b>Phage Recombination Hot Spot Analysis</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-recombination-hot-spot-analysis">https://internships.nthrys.com/bacteriophage-genomics/phage-recombination-hot-spot-analysis</a>                            | <b>Obligate Lytic Phage Genome Comparison</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/obligate-lytic-phage-genome-comparison">https://internships.nthrys.com/bacteriophage-genomics/obligate-lytic-phage-genome-comparison</a>                |
| <b>Phage Endolysin Gene Discovery Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-endolysin-gene-discovery-research">https://internships.nthrys.com/bacteriophage-genomics/phage-endolysin-gene-discovery-research</a>                      | <b>Pseudomonas Phage Genomic Diversity Study</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/pseudomonas-phage-genomic-diversity-study">https://internships.nthrys.com/bacteriophage-genomics/pseudomonas-phage-genomic-diversity-study</a>       |
| <b>Phage Genome Plasticity and Mosaicism</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-genome-plasticity-and-mosaicism">https://internships.nthrys.com/bacteriophage-genomics/phage-genome-plasticity-and-mosaicism</a>                            | <b>Soil Microbiome Phage Genome Survey</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/soil-microbiome-phage-genome-survey">https://internships.nthrys.com/bacteriophage-genomics/soil-microbiome-phage-genome-survey</a>                         |
| <b>Phage DNA Methylation Pattern Analysis</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-dna-methylation-pattern-analysis">https://internships.nthrys.com/bacteriophage-genomics/phage-dna-methylation-pattern-analysis</a>                         | <b>Streptomyces Phage Genome Characterization</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/streptomyces-phage-genome-characterization">https://internships.nthrys.com/bacteriophage-genomics/streptomyces-phage-genome-characterization</a>    |
| <b>Phage Virulence Factor Gene Identification</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-virulence-factor-gene-identification">https://internships.nthrys.com/bacteriophage-genomics/phage-virulence-factor-gene-identification</a>             | <b>Lactobacillus Phage Genomic Analysis</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/lactobacillus-phage-genomic-analysis">https://internships.nthrys.com/bacteriophage-genomics/lactobacillus-phage-genomic-analysis</a>                      |
| <b>Phage Genome Biased Codon Usage Study</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-genome-biased-codon-usage-study">https://internships.nthrys.com/bacteriophage-genomics/phage-genome-biased-codon-usage-study</a>                            | <b>Biofilm-Degrading Phage Genome Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/biofilm-degrading-phage-genome-research">https://internships.nthrys.com/bacteriophage-genomics/biofilm-degrading-phage-genome-research</a>             |
| <b>Phage Genome Size Evolution Analysis</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-genome-size-evolution-analysis">https://internships.nthrys.com/bacteriophage-genomics/phage-genome-size-evolution-analysis</a>                               | <b>Prophage Excision and Reactivation Genomics</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/prophage-excision-and-reactivation-genomics">https://internships.nthrys.com/bacteriophage-genomics/prophage-excision-and-reactivation-genomics</a> |
| <b>Phage Restriction-Modification System Research</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-restriction-modification-system-research">https://internships.nthrys.com/bacteriophage-genomics/phage-restriction-modification-system-research</a> | <b>Environmental Phage Host Range Genomics</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/environmental-phage-host-range-genomics">https://internships.nthrys.com/bacteriophage-genomics/environmental-phage-host-range-genomics</a>             |
| <b>Phage Portal Protein Gene Analysis</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-portal-protein-gene-analysis">https://internships.nthrys.com/bacteriophage-genomics/phage-portal-protein-gene-analysis</a>                                     | <b>Actinophage Genome Assembly Pipeline</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/actinophage-genome-assembly-pipeline">https://internships.nthrys.com/bacteriophage-genomics/actinophage-genome-assembly-pipeline</a>                      |
| <b>Phage Toxin-Antitoxin System Genomics</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-toxin-antitoxin-system-genomics">https://internships.nthrys.com/bacteriophage-genomics/phage-toxin-antitoxin-system-genomics</a>                            | <b>Deep-Sea Hydrothermal Phage Genomics</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/deep-sea-hydrothermal-phage-genomics">https://internships.nthrys.com/bacteriophage-genomics/deep-sea-hydrothermal-phage-genomics</a>                      |
| <b>Phage Genome Annotation Quality Assessment</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-genome-annotation-quality-assessment">https://internships.nthrys.com/bacteriophage-genomics/phage-genome-annotation-quality-assessment</a>             | <b>Mycobacterium Phage Population Genomics</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/mycobacterium-phage-population-genomics">https://internships.nthrys.com/bacteriophage-genomics/mycobacterium-phage-population-genomics</a>             |
| <b>Phage-Bacterial Genome Codon Adaptation</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/phage-bacterial-genome-codon-adaptation">https://internships.nthrys.com/bacteriophage-genomics/phage-bacterial-genome-codon-adaptation</a>                      | <b>Oral Microbiome Phage Genome Discovery</b><br><a href="https://internships.nthrys.com/bacteriophage-genomics/oral-microbiome-phage-genome-discovery">https://internships.nthrys.com/bacteriophage-genomics/oral-microbiome-phage-genome-discovery</a>                |

# Bacteriophage Genomics Internship Topics and Focused Areas

## AI Phage Genome Assembly & Annotation Research

- Deep Learning Models for Phage Contig Assembly
- Automated Gene Prediction and Functional Annotation Pipeline
- Structural Variant Detection in Phage Genomes
- CRISPR-Phage Interaction Prediction Using Bioinformatics
- Phage Taxonomy Classification via Genomic Profiling

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