

# Biomedical Internship with Accommodation at Chennai

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Active Categories

35

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.

## Biomedical Internship Categories

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AI Biomedical Data Science Research</b><br><a href="https://internships.nthrys.com/biomedical/ai-biomedical-data-science-research">https://internships.nthrys.com/biomedical/ai-biomedical-data-science-research</a>                                              | <b>Machine Learning Clinical Translation Research</b><br><a href="https://internships.nthrys.com/biomedical/machine-learning-clinical-translation-research">https://internships.nthrys.com/biomedical/machine-learning-clinical-translation-research</a> |
| <b>AI Biomedical Imaging Analytics Research</b><br><a href="https://internships.nthrys.com/biomedical/ai-biomedical-imaging-analytics-research">https://internships.nthrys.com/biomedical/ai-biomedical-imaging-analytics-research</a>                               | <b>AI Biomedical Signal Processing Research</b><br><a href="https://internships.nthrys.com/biomedical/ai-biomedical-signal-processing-research">https://internships.nthrys.com/biomedical/ai-biomedical-signal-processing-research</a>                   |
| <b>AI Disease Mechanism Biomedical Research</b><br><a href="https://internships.nthrys.com/biomedical/ai-disease-mechanism-biomedical-research">https://internships.nthrys.com/biomedical/ai-disease-mechanism-biomedical-research</a>                               | <b>AI Drug Development Biomedical Research</b><br><a href="https://internships.nthrys.com/biomedical/ai-drug-development-biomedical-research">https://internships.nthrys.com/biomedical/ai-drug-development-biomedical-research</a>                      |
| <b>AI Precision Biomedical Research</b><br><a href="https://internships.nthrys.com/biomedical/ai-precision-biomedical-research">https://internships.nthrys.com/biomedical/ai-precision-biomedical-research</a>                                                       | <b>AI Regenerative Biomedical Research</b><br><a href="https://internships.nthrys.com/biomedical/ai-regenerative-biomedical-research">https://internships.nthrys.com/biomedical/ai-regenerative-biomedical-research</a>                                  |
| <b>AI Biomedical Ethics &amp; Governance Research</b><br><a href="https://internships.nthrys.com/biomedical/ai-biomedical-ethics-governance-research">https://internships.nthrys.com/biomedical/ai-biomedical-ethics-governance-research</a>                         | <b>AI Global Biomedical Health Research</b><br><a href="https://internships.nthrys.com/biomedical/ai-global-biomedical-health-research">https://internships.nthrys.com/biomedical/ai-global-biomedical-health-research</a>                               |
| <b>Biomedical Tissue Engineering Scaffold Development</b><br><a href="https://internships.nthrys.com/biomedical/biomedical-tissue-engineering-scaffold-development">https://internships.nthrys.com/biomedical/biomedical-tissue-engineering-scaffold-development</a> | <b>Immunotherapy Cancer Treatment Research</b><br><a href="https://internships.nthrys.com/biomedical/immunotherapy-cancer-treatment-research">https://internships.nthrys.com/biomedical/immunotherapy-cancer-treatment-research</a>                      |
| <b>Nanotechnology Drug Delivery Systems</b><br><a href="https://internships.nthrys.com/biomedical/nanotechnology-drug-delivery-systems">https://internships.nthrys.com/biomedical/nanotechnology-drug-delivery-systems</a>                                           | <b>Microfluidics Cell Sorting Technologies</b><br><a href="https://internships.nthrys.com/biomedical/microfluidics-cell-sorting-technologies">https://internships.nthrys.com/biomedical/microfluidics-cell-sorting-technologies</a>                      |

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| <b>Biomarker Discovery Diagnostic Development</b><br><a href="https://internships.nthrys.com/biomedical/biomarker-discovery-diagnostic-development">https://internships.nthrys.com/biomedical/biomarker-discovery-diagnostic-development</a>                   | <b>Stem Cell Differentiation Pathway Analysis</b><br><a href="https://internships.nthrys.com/biomedical/stem-cell-differentiation-pathway-analysis">https://internships.nthrys.com/biomedical/stem-cell-differentiation-pathway-analysis</a>          |
| <b>Biomaterials Biocompatibility Testing</b><br><a href="https://internships.nthrys.com/biomedical/biomaterials-biocompatibility-testing">https://internships.nthrys.com/biomedical/biomaterials-biocompatibility-testing</a>                                  | <b>Neural Interface Brain Computer Systems</b><br><a href="https://internships.nthrys.com/biomedical/neural-interface-brain-computer-systems">https://internships.nthrys.com/biomedical/neural-interface-brain-computer-systems</a>                   |
| <b>Organ-on-Chip Model Development</b><br><a href="https://internships.nthrys.com/biomedical/organ-on-chip-model-development">https://internships.nthrys.com/biomedical/organ-on-chip-model-development</a>                                                    | <b>Personalized Medicine Genomic Analysis</b><br><a href="https://internships.nthrys.com/biomedical/personalized-medicine-genomic-analysis">https://internships.nthrys.com/biomedical/personalized-medicine-genomic-analysis</a>                      |
| <b>Protein Engineering Biopharmaceuticals</b><br><a href="https://internships.nthrys.com/biomedical/protein-engineering-biopharmaceuticals">https://internships.nthrys.com/biomedical/protein-engineering-biopharmaceuticals</a>                               | <b>Cardiovascular Disease Risk Assessment</b><br><a href="https://internships.nthrys.com/biomedical/cardiovascular-disease-risk-assessment">https://internships.nthrys.com/biomedical/cardiovascular-disease-risk-assessment</a>                      |
| <b>Neurodegenerative Disease Mechanism Research</b><br><a href="https://internships.nthrys.com/biomedical/neurodegenerative-disease-mechanism-research">https://internships.nthrys.com/biomedical/neurodegenerative-disease-mechanism-research</a>             | <b>Metabolic Disorder Pathway Engineering</b><br><a href="https://internships.nthrys.com/biomedical/metabolic-disorder-pathway-engineering">https://internships.nthrys.com/biomedical/metabolic-disorder-pathway-engineering</a>                      |
| <b>Infectious Disease Diagnostic Methods</b><br><a href="https://internships.nthrys.com/biomedical/infectious-disease-diagnostic-methods">https://internships.nthrys.com/biomedical/infectious-disease-diagnostic-methods</a>                                  | <b>Gene Therapy Vector Development</b><br><a href="https://internships.nthrys.com/biomedical/gene-therapy-vector-development">https://internships.nthrys.com/biomedical/gene-therapy-vector-development</a>                                           |
| <b>Wound Healing Biomaterial Innovation</b><br><a href="https://internships.nthrys.com/biomedical/wound-healing-biomaterial-innovation">https://internships.nthrys.com/biomedical/wound-healing-biomaterial-innovation</a>                                     | <b>Bone Regeneration Scaffold Testing</b><br><a href="https://internships.nthrys.com/biomedical/bone-regeneration-scaffold-testing">https://internships.nthrys.com/biomedical/bone-regeneration-scaffold-testing</a>                                  |
| <b>Biosensor Development Environmental Monitoring</b><br><a href="https://internships.nthrys.com/biomedical/biosensor-development-environmental-monitoring">https://internships.nthrys.com/biomedical/biosensor-development-environmental-monitoring</a>       | <b>Autoimmune Disease Immunomodulation Research</b><br><a href="https://internships.nthrys.com/biomedical/autoimmune-disease-immunomodulation-research">https://internships.nthrys.com/biomedical/autoimmune-disease-immunomodulation-research</a>    |
| <b>Respiratory Disease Pulmonary Function Study</b><br><a href="https://internships.nthrys.com/biomedical/respiratory-disease-pulmonary-function-study">https://internships.nthrys.com/biomedical/respiratory-disease-pulmonary-function-study</a>             | <b>Hepatic Disease Liver Model Systems</b><br><a href="https://internships.nthrys.com/biomedical/hepatic-disease-liver-model-systems">https://internships.nthrys.com/biomedical/hepatic-disease-liver-model-systems</a>                               |
| <b>Renal Disease Kidney Function Assessment</b><br><a href="https://internships.nthrys.com/biomedical/renal-disease-kidney-function-assessment">https://internships.nthrys.com/biomedical/renal-disease-kidney-function-assessment</a>                         | <b>Thrombosis Hemostasis Coagulation Research</b><br><a href="https://internships.nthrys.com/biomedical/thrombosis-hemostasis-coagulation-research">https://internships.nthrys.com/biomedical/thrombosis-hemostasis-coagulation-research</a>          |
| <b>Angiogenesis Vascular Development Research</b><br><a href="https://internships.nthrys.com/biomedical/angiogenesis-vascular-development-research">https://internships.nthrys.com/biomedical/angiogenesis-vascular-development-research</a>                   | <b>Inflammation Resolution Immunology Research</b><br><a href="https://internships.nthrys.com/biomedical/inflammation-resolution-immunology-research">https://internships.nthrys.com/biomedical/inflammation-resolution-immunology-research</a>       |
| <b>Microbiome Analysis Gut Health Research</b><br><a href="https://internships.nthrys.com/biomedical/microbiome-analysis-gut-health-research">https://internships.nthrys.com/biomedical/microbiome-analysis-gut-health-research</a>                            | <b>Pain Management Analgesic Development</b><br><a href="https://internships.nthrys.com/biomedical/pain-management-analgesic-development">https://internships.nthrys.com/biomedical/pain-management-analgesic-development</a>                         |
| <b>Reproductive Health Fertility Treatment</b><br><a href="https://internships.nthrys.com/biomedical/reproductive-health-fertility-treatment">https://internships.nthrys.com/biomedical/reproductive-health-fertility-treatment</a>                            | <b>Ophthalmic Disease Vision Restoration</b><br><a href="https://internships.nthrys.com/biomedical/ophthalmic-disease-vision-restoration">https://internships.nthrys.com/biomedical/ophthalmic-disease-vision-restoration</a>                         |
| <b>Dermatology Skin Barrier Function Study</b><br><a href="https://internships.nthrys.com/biomedical/dermatology-skin-barrier-function-study">https://internships.nthrys.com/biomedical/dermatology-skin-barrier-function-study</a>                            | <b>Musculoskeletal Muscle Regeneration Research</b><br><a href="https://internships.nthrys.com/biomedical/musculoskeletal-muscle-regeneration-research">https://internships.nthrys.com/biomedical/musculoskeletal-muscle-regeneration-research</a>    |
| <b>Infectious Disease Vaccine Development</b><br><a href="https://internships.nthrys.com/biomedical/infectious-disease-vaccine-development">https://internships.nthrys.com/biomedical/infectious-disease-vaccine-development</a>                               | <b>Surgical Tool Biocompatibility Innovation</b><br><a href="https://internships.nthrys.com/biomedical/surgical-tool-biocompatibility-innovation">https://internships.nthrys.com/biomedical/surgical-tool-biocompatibility-innovation</a>             |
| <b>Pharmaceutical Formulation Delivery Optimization</b><br><a href="https://internships.nthrys.com/biomedical/pharmaceutical-formulation-delivery-optimization">https://internships.nthrys.com/biomedical/pharmaceutical-formulation-delivery-optimization</a> | <b>Xenotransplantation Immune Tolerance Research</b><br><a href="https://internships.nthrys.com/biomedical/xenotransplantation-immune-tolerance-research">https://internships.nthrys.com/biomedical/xenotransplantation-immune-tolerance-research</a> |
| <b>Rare Disease Natural History Studies</b><br><a href="https://internships.nthrys.com/biomedical/rare-disease-natural-history-studies">https://internships.nthrys.com/biomedical/rare-disease-natural-history-studies</a>                                     | <b>Biomedical Device Usability Testing</b><br><a href="https://internships.nthrys.com/biomedical/biomedical-device-usability-testing">https://internships.nthrys.com/biomedical/biomedical-device-usability-testing</a>                               |
| <b>Translational Research Clinical Trial Design</b><br><a href="https://internships.nthrys.com/biomedical/translational-research-clinical-trial-design">https://internships.nthrys.com/biomedical/translational-research-clinical-trial-design</a>             | <b>Pharmacogenomics Drug Response Prediction</b><br><a href="https://internships.nthrys.com/biomedical/pharmacogenomics-drug-response-prediction">https://internships.nthrys.com/biomedical/pharmacogenomics-drug-response-prediction</a>             |

# Biomedical Internship Topics and Focused Areas

## AI Biomedical Data Science Research

- Medical Image Analysis using Deep Learning
- Genomic Data Processing and Variant Analysis
- Electronic Health Records (EHR) Data Mining
- Protein Structure Prediction and Molecular Modeling
- Clinical Natural Language Processing (NLP)

### **AI Biomedical Signal Processing Research**

- ECG Signal Classification using Deep Learning
- EEG-based Brain-Computer Interface Development
- EMG Signal Processing for Gesture Recognition
- Respiratory Signal Analysis and Sleep Apnea Detection
- Multimodal Biosignal Fusion for Health Monitoring

### **AI Global Biomedical Health Research**

- Machine Learning for Medical Image Analysis
- Natural Language Processing in Clinical Documentation
- Predictive Analytics for Patient Outcomes
- Drug Discovery and Molecular Docking Simulations
- Genomic Data Analysis and Precision Medicine

### **Biomedical Tissue Engineering Scaffold Development**

- Biomaterial Characterization and Selection
- Scaffold Fabrication Technique Development
- Pore Architecture and Porosity Optimization
- Cell-Scaffold Interaction Studies
- Surface Modification and Functionalization

### **Biomarker Discovery Diagnostic Development**

- Proteomic Biomarker Identification
- Genomic Variant Analysis for Clinical Markers
- Immunoassay Development and Optimization
- Metabolomic Signature Discovery
- Clinical Validation and ROC Curve Analysis

### **Stem Cell Differentiation Pathway Analysis**

- Neural Differentiation from Pluripotent Stem Cells
- Transcriptomic Analysis of Stem Cell Fate Decisions
- Epigenetic Regulation in Hematopoietic Stem Cell Differentiation
- Directed Differentiation Protocols for Disease Modeling
- Single-Cell Analysis of Heterogeneity During Stem Cell Differentiation

### **Neurodegenerative Disease Mechanism Research**

- Protein Aggregation and Misfolding Pathways
- Neuroinflammation and Microglial Activation

- Mitochondrial Dysfunction and Bioenergetics
- Genetic and Molecular Biomarker Discovery
- Neuronal Cell Culture and Disease Modeling

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