

Bionics Internship with Accommodation at Kolkata

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50

Active Categories

10

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.

Bionics Internship Categories

AI Bioinspired Sensing System Research https://internships.nthrys.com/bionics/ai-bioinspired-sensing-system-research	Machine Learning for Neural Prosthetics Research https://internships.nthrys.com/bionics/machine-learning-neural-prosthetics-research
AI Bionic Limb Intelligence Research https://internships.nthrys.com/bionics/ai-bionic-limb-intelligence-research	AI Cochlear & Retinal Implant Research https://internships.nthrys.com/bionics/ai-cochlear-retinal-implant-research
AI Exoskeleton Control System Research https://internships.nthrys.com/bionics/ai-exoskeleton-control-system-research	AI Bionic Eye Development Research https://internships.nthrys.com/bionics/ai-bionic-eye-development-research
AI Brain-Machine Interface Bionics Research https://internships.nthrys.com/bionics/ai-brain-machine-interface-bionics-research	AI Biohybrid Bionics Integration Research https://internships.nthrys.com/bionics/ai-biohybrid-bionics-integration-research
AI Soft Bionic Actuator Research https://internships.nthrys.com/bionics/ai-soft-bionic-actuator-research	AI Bionic Organ Development Research https://internships.nthrys.com/bionics/ai-bionic-organ-development-research
Biomimetic Material Characterization Research https://internships.nthrys.com/bionics/biomimetic-material-characterization-research	Neural Signal Processing Algorithm Development https://internships.nthrys.com/bionics/neural-signal-processing-algorithm-development
Sensory Feedback Integration Systems Research https://internships.nthrys.com/bionics/sensory-feedback-integration-systems-research	Myoelectric Pattern Recognition Study https://internships.nthrys.com/bionics/myoelectric-pattern-recognition-study

Bone-Implant Interface Osseointegration Research https://internships.nthrys.com/bionics/bone-implant-interface-osseointegration-research	Bionic Skin Sensor Development Research https://internships.nthrys.com/bionics/bionic-skin-sensor-development-research
Robotic Gait Analysis Optimization Research https://internships.nthrys.com/bionics/robotic-gait-analysis-optimization-research	Implantable Power System Efficiency Research https://internships.nthrys.com/bionics/implantable-power-system-efficiency-research
Vision Restoration Algorithm Validation Study https://internships.nthrys.com/bionics/vision-restoration-algorithm-validation-study	Vestibular System Balance Control Research https://internships.nthrys.com/bionics/vestibular-system-balance-control-research
Electroactive Polymer Actuator Design Research https://internships.nthrys.com/bionics/electroactive-polymer-actuator-design-research	Neuromuscular Interface Biocompatibility Study https://internships.nthrys.com/bionics/neuromuscular-interface-biocompatibility-study
Modular Bionic System Architecture Research https://internships.nthrys.com/bionics/modular-bionic-system-architecture-research	Auditory Prosthesis Signal Coding Research https://internships.nthrys.com/bionics/auditory-prosthesis-signal-coding-research
Bionic Hand Dexterity Improvement Research https://internships.nthrys.com/bionics/bionic-hand-dexterity-improvement-research	Immunoresponse Mitigation Strategy Research https://internships.nthrys.com/bionics/immunoresponse-mitigation-strategy-research
Adaptive Control System Machine Learning Research https://internships.nthrys.com/bionics/adaptive-control-system-machine-learning-research	Microfluidic Sensor Integration Research https://internships.nthrys.com/bionics/microfluidic-sensor-integration-research
Bipedal Robot Stability Control Research https://internships.nthrys.com/bionics/bipedal-robot-stability-control-research	Peripheral Nerve Regeneration Enhancement Research https://internships.nthrys.com/bionics/peripheral-nerve-regeneration-enhancement-research
Wireless Communication Protocol Development Research https://internships.nthrys.com/bionics/wireless-communication-protocol-development-research	Bionic Vision Field Expansion Research https://internships.nthrys.com/bionics/bionic-vision-field-expansion-research
Tactile Perception Rendering Study https://internships.nthrys.com/bionics/tactile-perception-rendering-study	Lightweight Composite Structure Optimization Research https://internships.nthrys.com/bionics/lightweight-composite-structure-optimization-research
Multimodal Sensory Integration Research https://internships.nthrys.com/bionics/multimodal-sensory-integration-research	Bionic Spine Stability Mechanism Research https://internships.nthrys.com/bionics/bionic-spine-stability-mechanism-research
Electrode Array Signal Multiplexing Research https://internships.nthrys.com/bionics/electrode-array-signal-multiplexing-research	Bionic Joint Friction Reduction Study https://internships.nthrys.com/bionics/bionic-joint-friction-reduction-study
Intent Classification Deep Learning Research https://internships.nthrys.com/bionics/intent-classification-deep-learning-research	Bioelectrical Signal Artifact Removal Research https://internships.nthrys.com/bionics/bioelectrical-signal-artifact-removal-research
Bionic Finger Force Control Research https://internships.nthrys.com/bionics/bionic-finger-force-control-research	Implantable Antenna Design Research https://internships.nthrys.com/bionics/implantable-antenna-design-research
Proprioceptive Feedback Restoration Research https://internships.nthrys.com/bionics/proprioceptive-feedback-restoration-research	Cortical Recording Array Yield Analysis Research https://internships.nthrys.com/bionics/cortical-recording-array-yield-analysis-research
Bionic Device Power Management Firmware Research https://internships.nthrys.com/bionics/bionic-device-power-management-firmware-research	Biocompatible Coating Durability Testing Research https://internships.nthrys.com/bionics/biocompatible-coating-durability-testing-research
Real-Time Motion Prediction Algorithm Research https://internships.nthrys.com/bionics/real-time-motion-prediction-algorithm-research	Bionic Muscle Fiber Simulation Research https://internships.nthrys.com/bionics/bionic-muscle-fiber-simulation-research
Implant Biofilm Formation Prevention Research https://internships.nthrys.com/bionics/implant-biofilm-formation-prevention-research	Sensorimotor Learning Protocol Development Research https://internships.nthrys.com/bionics/sensorimotor-learning-protocol-development-research

Bionics Internship Topics and Focused Areas

Neural Signal Processing Algorithm Development

- EEG Signal Classification for Motor Intent Detection
- Electromyography (EMG) Pattern Recognition for Prosthetic Control
- Spike Train Analysis and Neural Decoding
- Artifact Removal and Signal Quality Enhancement in Neural Recordings
- Deep Learning for Cortical Signal Decoding in Brain-Computer Interfaces

Neuromuscular Interface Biocompatibility Study

- Biocompatibility Assessment of Electrode Materials
- Foreign Body Response Characterization in Neural Tissue
- Surface Coating Optimization for Enhanced Integration
- Electrochemical Characterization and Neuronal Signal Fidelity
- In Vivo Biocompatibility Testing and Chronic Implant Validation

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