

Embedded Systems Internship with Accommodation at Hyderabad

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50
Active Categories

10
Focused Areas

Hyderabad
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.

Embedded Systems Internship Categories

AI Real-Time OS Design Research https://internships.nthrys.com/embedded-systems/ai-real-time-os-design-research	Machine Learning Embedded Sensing Research https://internships.nthrys.com/embedded-systems/machine-learning-embedded-sensing-research
AI IoT Embedded Architecture Research https://internships.nthrys.com/embedded-systems/ai-iot-embedded-architecture-research	AI Secure Embedded Computing Research https://internships.nthrys.com/embedded-systems/ai-secure-embedded-computing-research
AI Energy-Harvesting Embedded Research https://internships.nthrys.com/embedded-systems/ai-energy-harvesting-embedded-research	AI Wearable Embedded Systems Research https://internships.nthrys.com/embedded-systems/ai-wearable-embedded-systems-research
AI Automotive Embedded Systems Research https://internships.nthrys.com/embedded-systems/ai-automotive-embedded-systems-research	AI TinyML Embedded Research https://internships.nthrys.com/embedded-systems/ai-tinyml-embedded-research
AI Hardware-Software Co-Design Research https://internships.nthrys.com/embedded-systems/ai-hardware-software-co-design-research	AI Medical Embedded Systems Research https://internships.nthrys.com/embedded-systems/ai-medical-embedded-systems-research
Real-Time Operating System Optimization Research https://internships.nthrys.com/embedded-systems/real-time-operating-system-optimization-research	Edge Computing Microcontroller Architecture Study https://internships.nthrys.com/embedded-systems/edge-computing-microcontroller-architecture-study
Wireless Protocol Stack Implementation Research https://internships.nthrys.com/embedded-systems/wireless-protocol-stack-implementation-research	Memory-Constrained Algorithm Optimization Study https://internships.nthrys.com/embedded-systems/memory-constrained-algorithm-optimization-study
FPGA Reconfigurable Computing Design Research https://internships.nthrys.com/embedded-systems/fpga-reconfigurable-computing-design-research	Embedded Linux Kernel Driver Development Research https://internships.nthrys.com/embedded-systems/embedded-linux-kernel-driver-development-research

Power Management Firmware Optimization Research https://internships.nthrys.com/embedded-systems/power-management-firmware-optimization-research	Cyber-Physical System Testing Framework Study https://internships.nthrys.com/embedded-systems/cyber-physical-system-testing-framework-study
Sensor Fusion Algorithm Implementation Research https://internships.nthrys.com/embedded-systems/sensor-fusion-algorithm-implementation-research	Bare-Metal Firmware Architecture Research https://internships.nthrys.com/embedded-systems/bare-metal-firmware-architecture-research
Industrial IoT Protocol Bridge Development Research https://internships.nthrys.com/embedded-systems/industrial-iot-protocol-bridge-development-research	Embedded Vision Processing Pipeline Study https://internships.nthrys.com/embedded-systems/embedded-vision-processing-pipeline-study
CAN Bus Communication Reliability Research https://internships.nthrys.com/embedded-systems/can-bus-communication-reliability-research	Embedded Database Management System Research https://internships.nthrys.com/embedded-systems/embedded-database-management-system-research
Real-Time Clock Synchronization Protocols Study https://internships.nthrys.com/embedded-systems/real-time-clock-synchronization-protocols-study	Embedded Cryptography Implementation Research https://internships.nthrys.com/embedded-systems/embedded-cryptography-implementation-research
Multi-Core Embedded System Load Balancing Study https://internships.nthrys.com/embedded-systems/multi-core-embedded-system-load-balancing-study	Embedded Network Stack Optimization Research https://internships.nthrys.com/embedded-systems/embedded-network-stack-optimization-research
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Embedded Machine Vision Calibration Research https://internships.nthrys.com/embedded-systems/embedded-machine-vision-calibration-research	Resource Monitoring and Allocation Framework Study https://internships.nthrys.com/embedded-systems/resource-monitoring-and-allocation-framework-study
Embedded System Debugging and JTAG Research https://internships.nthrys.com/embedded-systems/embedded-system-debugging-and-jtag-research	Modular Firmware Architecture Pattern Study https://internships.nthrys.com/embedded-systems/modular-firmware-architecture-pattern-study
Analog-to-Digital Converter Sampling Research https://internships.nthrys.com/embedded-systems/analog-to-digital-converter-sampling-research	Embedded Machine Learning Model Compression Study https://internships.nthrys.com/embedded-systems/embedded-machine-learning-model-compression-study
Haptic Feedback Controller Implementation Research https://internships.nthrys.com/embedded-systems/haptic-feedback-controller-implementation-research	Embedded System Emulation and Simulation Research https://internships.nthrys.com/embedded-systems/embedded-system-emulation-and-simulation-research
Real-Time Event Logging and Tracing Study https://internships.nthrys.com/embedded-systems/real-time-event-logging-and-tracing-study	Embedded System Certification and Standards Research https://internships.nthrys.com/embedded-systems/embedded-system-certification-and-standards-research
Power Consumption Profiling and Optimization Research https://internships.nthrys.com/embedded-systems/power-consumption-profiling-and-optimization-research	Embedded System Documentation Generation Framework Study https://internships.nthrys.com/embedded-systems/embedded-system-documentation-generation-framework-study

Embedded Systems Internship Topics and Focused Areas

AI Automotive Embedded Systems Research

- Neural Network Optimization for Edge Devices
- Real-time Object Detection for Autonomous Vehicles
- Hardware-Software Co-design for AI Inference
- Sensor Fusion and Multi-modal Learning Systems
- Safety and Robustness Testing for AI-based Autonomous Systems

Real-Time Operating System Optimization Research

- Task Scheduling Algorithm Optimization
- Memory Management and Cache Optimization in RTOS
- Interrupt Handling and Latency Reduction
- Power-Aware Real-Time System Design
- Predictability Analysis and Worst-Case Execution Time (WCET) Estimation

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