Neuroarchitecture Internship

Unpublished Futuristic Focussed Areas in Neuroarchitecture

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- **1. Cognitive Mapping of Architectural Spaces**
  - EEG-based analysis of spatial navigation efficiency.
  - Neural correlates of comfort in different room geometries.
  - fMRI-based studies of architectural awe and scale perception.
  - Real-time brain-computer feedback in adaptive interiors.
  - Virtual neuroarchitecture labs for controlled brain-space trials.
  - Use of eye-tracking and brainwave sync in space design.
  - Topological influence on memory retention and recall.
  - Hippocampal stimulation studies in complex floor plans.
  - Mapping stress circuits triggered by architectural bottlenecks.
  - AI for predicting neurological comfort scores for floorplans.
- **2. Sensory-Responsive Design Systems**
  - Neuro-lighting systems for circadian rhythm alignment.
  - Soundscape-matched acoustics for cognitive performance.
  - Olfactory stimuli and brainwave regulation in enclosed spaces.
  - Multi-sensory integration zones for neurodivergent populations.
  - Real-time environment tuning based on biometric feedback.
  - Touch-sensitive smart surfaces with neuromodulatory textures.
  - Bioacoustic ceiling systems for emotional balancing.
  - Automated aroma diffusers for neurochemical balance.
  - Wearables that interface space design with brain state.
  - Photonic walls for seasonal affective disorder mitigation.
- **3. Neuroplastic Architecture for Rehabilitation**
  - Spatial therapy for PTSD and trauma recovery.
  - Architectural neuro-feedback loops in stroke recovery.
  - Designing healing-centered environments for neurorehab.
  - VR-driven neuroarchitecture therapy modules.
  - Movement-mapped layouts for Parkinson’s patients.
  - Customizable neuro-recovery pods for hospitals.
  - Built environments to trigger neurogenesis post-injury.
  - Restorative geometries for anxiety and OCD conditions.

    - Ambient-controlled lighting to assist cognitive revival.
    - Neural noise-reduction spaces for sensory overload mitigation.
- **4. Emotionally Intelligent Urban Design**
    - Brain-centric zoning for emotion-optimized districts.
    - Urban neuro-mapping to identify stress and safety zones.
    - Emotionally adaptive architecture using behavioral AI.
    - Use of neuroinformatics in smart city layout planning.
    - EEG surveys to decode city-induced brain states.
    - Neuro-responsive playgrounds and social spaces.
    - Behavioral neuroscience integration in transport hubs.
    - Urban calm zones driven by sensory reduction design.
    - Dynamic lighting in cities based on collective neural mood.
    - Community wellbeing feedback loops linked to architectural change.
- **5. Predictive Neuroscience for Built Environments**
    - Using brain simulations to forecast human-space interaction.
    - Neuroforecasting workplace layouts for productivity spikes.
    - AI-driven neuro-behavioral occupancy modeling.
    - Smart building architecture based on predictive EEG models.
    - Pre-construction brainwave simulations of 3D layouts.
    - Big-data from neural architecture trials to inform zoning laws.
    - Neurofeedback wearables for personalized spatial tuning.
    - Predictive stress monitoring through architectural features.
    - Closed-loop architecture systems with real-time brain sync.
    - Simulated emotional outcome mapping for pre-built environments.

Contact Via Whatsapp on +91-7993084748 for Fee Details

Apply

Internship Fee Structures			
Duration	**Academic Mode**	**Technical Mode**	**Research Mode**
5 Days	Rs 3750	Rs 6000	Rs 9000
10 Days	Rs 4500	Rs 6750	Rs 9750
15 Days	Rs 4950	Rs 7200	Rs 12000
20 Days	Rs 6750	Rs 9000	Rs 15000
30 Days	Rs 7500	Rs 10500	Rs 19500

45 Days	Rs 9000	Rs 12000	Rs 22500
2 Months	Rs 10500	Rs 13500	Rs 27000
3 Months	Rs 12000	Rs 22500	Rs 34500
4 Months	Rs 18000	Rs 28500	Rs 42000
5 Months	Rs 22500	Rs 31500	Rs 49500
6 Months	Rs 27000	Rs 36000	Rs 54000
7 Months	Rs 28500	Rs 40500	Rs 64500
8 Months	Rs 31500	Rs 45000	Rs 72000
9 Months	Rs 36000	Rs 52500	Rs 82500
10 Months	Rs 43500	Rs 60000	Rs 97500
11 Months	Rs 48000	Rs 67500	Rs 112500
1 Year	Rs 57000	Rs 75000	Rs 142500

18% additional GST on all fee structures.

Installment options are available for all durations.

NTHRYS Students

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Deliverables	Academic Mode	Technical Mode	Research Mode
Certification	✓	✓	✓
Hands-On Practical Exposure	✓	✓	✓
Thesis	✓	✘	✓
PowerPoint Assistance	✓	✓	✓
Protocol Repetitions	✘	✓	✓
Publication Coauthorships	✘	✘	3 Months Duration onwards
References	✘	✓	✓
Recommendations	✘	✘	✓
Experience Letters	✘	✘	6 Months Duration Onwards
Placement Assistance	✘	✘	6 Months Duration Onwards
Placement Guarantee	✘	✘	1 Year Duration

Offline Locations

Hyderabad

Cherlapalli IDA, 500051 Chennai

Parrys Corner, 600001 Bangalore

Jalahalli, Bahubali Nagar Kochi

Aroma Gardens, Beside Townhall Metro Visakhapatnam

Address will be updated in few days Bhubaneswar

Address will be updated in few days Kolkata

Address will be updated in few days Patna

Address will be updated in few days Lucknow

Address will be updated in few days Chandigarh

Address will be updated in few days Jaipur

Address will be updated in few days Ahmedabad

Address will be updated in few days Indore

Address will be updated in few days Dallas

825 Watters Creek Blvd, Allen

Contact Us for further queries

Offline Timetable

3 - 5 Hours per day | 4 Days Practicals / week | 1 Day Reporting

Weekly Schedule

Tuesday to Friday: Practical Sessions
Saturday: Documentation Day
Sunday & Monday: Weekend Holidays

Lab Working Hours

9:30 AM to 5:30 PM

Students/Scholars are assigned **3 to 5 hours/day** based on their protocols.

Online Mode Workflow

2 to 4 hours per day as per discussed with NTHRYS Management before booking the slot.

All activities (Online / Virtual and Offline) are managed through the **NTHRYS Project Dashboard System** — a web portal designed exclusively to facilitate, guide, and track your progress throughout each phase.

Phase 1: Topic / Title Finalization

Guided assistance in selecting and refining your research topic or project title within the dashboard interface.

Phase 2: Research Methodology Finalization

Step-by-step guidance in defining objectives, research questions, and methodology using interactive templates and mentor feedback on the dashboard.

Phase 3: Software, Tools, and Statistical Approaches

Installation assistance, tool demonstrations, and access to recommended software provided via the dashboard with mentor instructions and documentation.

Phase 4: Task Execution

Students/scholars execute research tasks on their own systems while mentors monitor and guide progress through the dashboard system.

Phase 5: Results Analysis

Data analysis, results review, and interactive discussions are facilitated through dedicated dashboard modules ensuring research integrity.

Phase 6: Documentation

Proper documentation of results, methodology, and conclusions using dashboard templates, ensuring consistency and completeness.

No Video Calls, No Theory Classes: All learning is task-based, with hands-on execution by students/scholars under the guidance of mentors using the **NTHRYS Project Dashboard System**.

Click Here to know schedule, offline locations, calendar, modes of operation etc.,

Important Note
Note 1: Candidates may select any one of the focused areas listed for their internship. **Note 2: Fundamental concepts are provided as guidance for candidates who require them; however, candidates may choose to bypass these sections if desired.** **Note 3: All candidates will gain practical, hands-on experience with every step outlined in the provided methodology.** **Note 4: Comprehensive placement assistance and career guidance will be available to all candidates during and after the internship.** **Note 5: We understand that many students may lack basic practical exposure due to shortcomings in their college education. This is not the fault of the students but rather a failure of the institutions and their staff. At NTHRYS, our staff excel at training every student from the ground up, ensuring they gain the necessary skills and experience.**