

NALANDA UNIVERSITY
Details of Floorwise Plan for Nalanda University Library

January 2026.

S. No.	Floor No.	Quadrant	Details of the Library space allocation	AV-AR+VR+ICT Requirements	Remarks, if any
1	Ground Floor	Q4	Entrance- Help Desk for 2 in Arc shape, Newspaper & Magazine for Visitors & Guests (Provide acoustic partitioning to contain noise), Reading and Seating area, Digital Display LED Screen (above the Help desk), showing Floor maps and Live library updates, Library Model display (Left side), Reading area, Temporary exhibition space on left side(e.g- hosting travelling exhibitions), Right side Permanent Exhibition (A live account of burning Nalanda- what we lost), Coffee Vending Area	<p>Left side of the main entrance: Provision of a portable AV system for exhibitions. Audio and PA system: An all-around audio and public address system, which can be made functional as and when required. Digital display system: Wall-sized digital LED display screens with seamless integration.</p> <p>Entrance wall display: Along the Right side of the entrance wall, from start to end, a large LED display screen to showcase the "Nalanda Burning Script", depicting its history through AR, VR , AV along with application for guided Tour The script/content shall be approved by the University.</p>	
		Q3	Collection of 17 Partner Countries (enclosed in glass-front display bays with bilingual labels), Diplomats Corner, Translation studies section, Librarian's Office, Deputy Librarian, Personal Assistant, Seating area, Online Public Access Catalogue (OPAC) Kiosk machine, Install the RFID enabled Modular Counters, The RFID Corridor system should integrate with Central Visitor logs and analytics, Smart shelf (Right side), New Arrivals (Right side)	<p>AV System Requirements</p> <p>Elegant 4K/8K LED display panels integrated into architectural interiors</p> <p>High-quality conference AV system with microphones (tabletop & wireless)</p> <p>Video conferencing system compatible with international diplomatic protocols.</p> <p>Directional audio systems ensuring clarity without disturbance. Secure content control and access management</p> <p>Interactive touchscreen kiosks with multilingual interfaces.</p> <p>High-resolution document visualizers for manuscripts and texts. Headphone-based audio stations for language-specific listening</p>	

	<p>Q2</p> <p>Stage for Book Launch, Permanent exhibition, Book Reading, Comfortable Seating area, Newspapers / Magazines, New Arrivals (Right side), Smart shelf (Right side), Self-Check-out (Kiosk), Children's section</p>	<p>AV & Technology Requirements – Knowledge & Cultural Space</p> <p>1. At the Stage for Book Launch AV Requirements Modular stage with integrated power and data points. Professional PA system with wireless handheld and lapel microphones. 4K LED display / backdrop screen for book covers, author profiles, and live feed. Stage lighting system (warm + focused spotlights) with dimming control. Audio recording and live streaming facility for events. Centralized AV control panel for event management</p> <p>2. Permanent Exhibition Area - AV Requirements: Wall-mounted seamless LED video walls / high-resolution digital displays. Interactive touchscreen kiosks for exhibition content. Directional speakers for localized audio narratives. Central content management system (CMS) for updating exhibits.</p> <p>3. Comfortable Seating Area AV Requirements: Zoned background music system with volume control : Digital wayfinding / information displays Charging points (USB + power) integrated into seating.</p> <p>4. Newspapers / Magazines Section AV Requirements: Digital e-paper / e-magazine display screens, Touch-based content browsing kiosks, Soft directional lighting for reading, Network connectivity for real-time updates,</p> <p>5. New Arrivals Section (Right Side) AV Requirements: Digital display panels highlighting new books and publications. Automated content update system linked with library database, Subtle spotlighting to draw attention QR-code enabled information access.</p> <p>6. Children's Section- AV Requirements <u>Interactive learning displays (touchscreens / projection walls) Audio storytelling</u></p>	<p>The AV -audio with digital LED wall size Display and Also extended display is required with the Uniformly distribution of the audio without echo. The interior will be provided so integrate the mezzanine floor of this quadrant with the mechanism of sliding glass on mezzanine floor with extended AV and sound system so that if required then the sound through mike can be disseminated at the mezzanine floor and if not required then the just a jack can be removed to separate the mezzanine floor. The good quality of the speakers around the stage and hall including mezzanine floor to be fixed with suitable wire boxing. The master service bands must be provided as above.</p>
	<p>Q1</p> <p>Research Room, Book Museum, Reading and Seating area, Faculty Reading area, Librarian's Office, Deputy Librarian, Personal Assistant</p>	<p>As per design</p>	
<p>2</p> <p>1st Floor (Mezzanine floor)</p>	<p>Q4</p> <p>Government-related Data, Gazetteer, Census, Survey Reports, etc. Thesis / dissertations, Maps, Private collections, Comfortable Seating area, Book Garden, Provision for Library staff, Online Public Access Catalogue (OPAC) Kiosk machine, Reprography services</p>	<p>As per design</p>	
	<p>Q3</p> <p>Global Dissemination Center, Diplomats Corner, Translation studies section</p>	<p>As stated above in Q3 of ground Floor for Global Dissemination Center, Diplomats Corner, Translation studies section subject to design confirmation</p>	
	<p>Q2</p> <p>Reading zone: Provide Individual charging stations, wifi boosters and device lockers, add standing desks or high reading counters for posture varoiations, Library staff, Work station, Competitive examination section, Career</p>	<p>As stated above in Q2 of ground subject to design confirmation</p>	
	<p>Q1</p> <p>Research Scholars - Carrels, Seating area for Guests, Display of Staff publications, Dining room, Assistant Librarian (s) and Library Staff</p>	<p>As stated above in Q1 of ground subject to design confirmation</p>	

3	2nd Floor	Q4	Conference Rom / Lecture hall (Sound proof), Group discussion Room (Sound proof), Audio & Video Section, Recording studio (Green room): Lighting effect and Sound proof, Library Staff	AV Requirements subject to desigb confirmation
		Q3	Digital Library, Research and Reading area	<p>1. Digital Library Zone: AV & Technology Requirements-</p> <p>High-resolution display panels / video walls For digital collections, archives, e-journals, databases, and institutional repositories.</p> <p>Interactive touch-screen kiosks: For accessing e-books, journals, theses, manuscripts, and digital archives.</p> <p>Multimedia workstations: Equipped with high-performance PCs, dual monitors, headsets, webcams, and microphones.</p> <p>Audio-visual access stations: Headphone-based stations for video lectures, and recorded conferences.</p> <p>Document visualizers & scanners For digitization, viewing, and research reference.</p> <p>Common & Supporting Systems AV Infrastructure: Centralized AV control and monitoring system UPS-backed power supply for critical AV and ICT equipment. Approx 40 Common High End Computers for reading and access of centralised /LAN/ online data for study and research purposes.</p>
		Q2	Book Shelves (stacking area), Reading area, Online Public Access Catalogue (OPAC) Kiosk machine, Library Staff, Coffee table book corner	Online Public Access Catalogue (OPAC) Kiosk machine
		Q1	Book Shelves (stacking area), Reading area	As per design
4	3rd Floor	Q4	Book Shelves (stacking area), Reading area	As per design
		Q3	Book Shelves (stacking area), Reading area, Online Public Access Catalogue (OPAC) Kiosk machine, Library staff	Online Public Access Catalogue (OPAC) Kiosk machine
		Q2	Book Shelves (stacking area), Reading area	As per design
		Q1	Book Shelves (stacking area), Reading area, Online Public Access Catalogue (OPAC) Kiosk machine, Library staff	Online Public Access Catalogue (OPAC) Kiosk machine
5	4th Floor	Q4	Manuscripts & Rare book collections, Online Public Access Catalogue (OPAC) Kiosk machine, Library staff	Online Public Access Catalogue (OPAC) Kiosk machine
		Q3	Storage of Original manuscripts, Microfilms and Digital collections	As per design
		Q2	Maintenance section, Conservation section, Preservation, Digitization of CARC materials and Archival System	Scanning and Storage System with high resolution
		Q1	CARC Dissemination room	Online Public Access Catalogue (OPAC) Kiosk machine and table mount computer for access of the CARC resource

6	5th Floor	Q4	CARC Store room	As per the design	
		Q3	Library staff	High end Computers -20 Nos AIO	
		Q2	Research Reading on Manuscripts, Setting up of Laboratory, Online Public Access Catalogue (OPAC) Kiosk machine	Online Public Access Catalogue (OPAC) Kiosk machine	
		Q1	Indian Knowledge System (IKS), Nalanda Book section	As per the design	

Important Points to be noted as follows:

- (a) Facilities should provided for the disabled persons
- (b) Preferably furniture may be made up of wooden
- (c) If any issues arises, partially made up of wood and steel
- (d) Requirements of Staircase with good design for Q3, Q2 and Q1 - (Left & R