

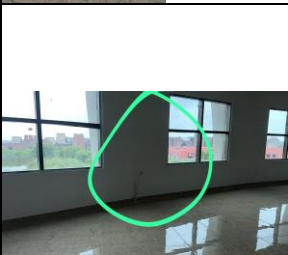
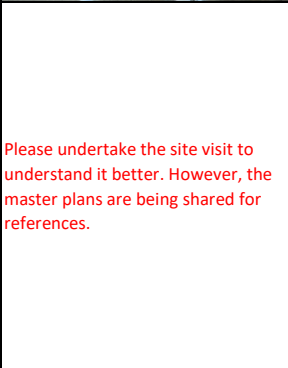


NALANDA UNIVERSITY LIBRARY						
ve Details of Floorwise Plan for Nalanda University Library which may be interchanged by the Library Committee , if required.						
S. No.	Floor No.	Quadrant	Details of the Library space allocation	The design requirements for the requisite services.	Picture for Reference, if any.	Remarks, if any
1	Ground Floor	Q4	Entry point - Help Desk, Circulation Counter, Nalanda Gallery (Left side), Exhibition (Right side), RFID Technology at the entrance, Newspapers / Magazines, Coffee table book corner, New Arrivals (Right side), Self-Drop Box (Entrance-Left), Smart shelf (Right side), Digital Display floor Plan (Left side), Library Model display (Left side), Self-Check-out (Kiosk), OPAC (Machine), Comfortable Seating area, Signage for Specially Challenged People - Braille etc.) and Library staff	In alignment with the proposed interior design, power, data, automation, and RFID networking cables are to be managed through surface-mounted boxing along the top corners of the outer periphery, with connectivity provided through wall jacketing at a minimum of four locations in between the windows to route the cables down to the required points. Additionally, jacketing is to be installed over the eight columns, upto the design height to be approved by the EIC/owner or upto the exiting ceiling level, to facilitate tapping and running connections for kiosks and digital displays. The connection pathway should be developed and established using the nearest ceiling trays, the existing false ceiling, or a combination of both, as appropriate.. All desks and tables must be equipped with wire manager boxes, power sockets, and communication I/O points. If additional wiring points are required beyond the existing provisions, they must be installed in accordance with applicable government norms	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at baove means near celing level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q3	Global Dissemination Center, Indian Knowledge System, Nalanda Book section, APJ Abdul Kalam corner, Diplomats Corner, Translation studies section	Jacketing over the columns shall be provided to manage and conceal the power point boxes installed on the surface of the columns and walls. A master conduit route shall be developed from the Electrical DB/Panel Room of the same quadrant to the designated proposed locations. The cable routing may be carried out using a combination of existing raceways, false ceilings, or both, as required. All desks and tables must be equipped with wire manager boxes, power sockets, and communication I/O points. If additional wiring points are required beyond the existing provisions, they must be installed in accordance with applicable government norms.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at baove means near celing level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q2	Stage for Book Launch, Book Reading, Comfortable Seating area	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the existing raceways or a separete box route to be developed. "There are three locations where conduits have been laid under the tiles up to the columns supporting the mezzanine floor, and the conduits have been brought from the Electrical DB. At the user end, these need to be properly covered with suitable jacketing and integrated into the design."  The stage shall be developed preferably infront of the AHU room near to the inner/core wall using either wood or suitable engineered materials, ensuring the required structural strength. A master conduit pocket is to be provided around the stage with extensions up to the podiums. The cable route shall be established and connected from the existing Electrical DB or Panel Room, passing through the AHU room and raceways. Beyond this, an aesthetically		The AV -audio with digital LED wall size Display and Also extended display is required with the Uniformly distribution of the audio without ecco. The interior should have on complete floor including mezanine floor of this quadrant with the mechanism of sliding glass on mezanine floor with extended AV and sound system so that if required then the sound through mike can be disseminated at the mezanine floor and if not required then the just a jack can be removed to separete the mezanine florr. The good quality of the speakers around the stage and hall including mezanine florr to be fixed with suitable wire boxing. The master service bands must be provided as above.
		Q1	Research Room, Book Museum, Reprography Section, Reading and Seating area, Faculty Reading area, Children's section, Librarian's Office, Personal Assistant	The office /reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the surface of the wall/columns and can be taped through the existing raceways or a separete box route to be developed.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at baove means near celing level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q4	Government-related Data, Gazetteer, Census, Survey Reports, etc. Thesis / dissertations, Maps, Private collections, Comfortable Seating area, Reading area, Book Garden, Provision for Library staff, Online Public Access Catalogue (OPAC) Kiosk machine	The wires are laid upto the outer peripheri walls through the false ceiling, raceways and conduits below the tiles, these points are required to be extneded upto the table through the wall jacketing/boxing and wire manager box in the requisite table. The wire manager boxing matching with the interior furniture design theme/concept to be extended from nearest exiting route and/or from the Electrical LT Panel/DB room, OR separete route may also be proposed if it required to the asthetic requierments. The office /reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the surface of the wall/columns and can be taped through the existing raceways or a separete box route to be developed.		Generally two master bands - near floor on wall at standard heights and at baove means near celing level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.

2	1st Floor (Mezanine floor)	Q3	Periodical section, Back volumes, Digital Records, Seating area, Work station	<p><b>For Digital Records, and Work station-</b> The wire manager boxing matching with the interior furniture design theme/concept to be extended from nearest exiting route and/or from the Electrical LT Panel/DB room, OR separate route may also be proposed if it required to the asthetic requierments. The peropheri wall is having 5 set of power/data points which is coming from DB room through conduit inside the tiles and conduits dropped on wall surface.</p> <p><b>The office tables should have</b> the wire manager box inside with standard size swich and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the surface of the wall/columns and can be taped through the existing raceways or a separete box route to be developed. The industrial socket inbuilt and nicely covered with interior would be required for the digital records system to feed electricity and data networking system.</p>		Generally two master bands - near floor on wall at standard heights and at baove means near celing level to be provided to ensure all automation wires and network including digitalization of the library can be achived.
		Q2	Reading zone with Laptop / Tablet, Library staff., Work station, Competitive examinations & Careen development sections	<p>The wire manager boxing matching with the interior furniture design theme/concept to be extended from nearest exiting route and/or from the Electrical LT Panel/DB room, OR separete route may also be proposed if it required to the asthetic requierments. <b>"There are five points on the outer wall, approximately 2 to 2.5 feet above the floor level. Six columns support the mezzanine floor, through which the wires can be routed vertically. These can be tapped from the nearby horizontal raceway, or a separate route may be developed to feed additional points, if designed and required, in addition to the existing power and data points."</b></p> <p>The office/reading tables and work stations should have the wire manager box inside with standard size swich and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the surface of the wall/columns and can be taped through the existing raceways or a separete box route to be developed. The industrial socket inbuilt and nicely covered</p>		
		Q1	Research Scholars - Carrels, Seating arrangement for Very Important Persons (VIPs), Staff publications, Dining room, Pantry (Tea / Coffee vending machine), water facility	The conference setup - the wire manager boxing and jacketing over the surface of RCC wall or on the column/beam would be required to develop with route and extend the power supply and wire/cables network.		Suitable interior to ensure the water facility . Just above this floor is connected with 2nd floor having Lecture Hall means the interior with excellent acoustic to prevent the noise from any side including this dining hall must be addressed to avoid disturbances in the lecture hall at 2nd floor. These are need to segregate with internal partation.
		Q4	Common Archival Resource Center (CARC), Manuscripts & Rare book collections, Preservation & Conservation Laboratory), Seating area and Library staff	There are four Colomns in the area through which the wire routes can be extended with jacketing over these. The ceiling suspended raceway is fixed, the interior agency has to design the wire manager boxing from LT DB and /or the exiting raceway and from these route/locations the power points with industrial sockets and universal power supply sockets to be provided in furniture and interior design. This includes the electrical network, data cablings and route developement job both.		Generally two master bands - near floor on wall at standard heights and at baove means near celing level to be provided to ensure all automation wires and network including digitalization of the library can be achived.
		Q3	Digital Library, Library staff, <b>Four Quadrants provisions</b> for Digital Space expansion (IT cables, networking cables, etc.) for feature purpose	The CAT 6A Data Cables are laid on floor through the conduit below tiles. The tables mounted with PC or digital screens and Kiosk are required to be developed. The furniture and interior must be designed in such a way to hide these wires nicely with the approvals of the EIC.		Generally two master bands - near floor on wall at standard heights and at baove means near celing level to be provided to ensure all automation wires and network including digitalization of the library can be achived.

3	2nd Floor	Q2	Group discussion Room, Audio and Video Section, Recording studio (Green room): Lighting effect, Sound proof, etc)	The existing columns in the area can be utilized for extending the wiring routes by providing suitable jacketing over them. A ceiling-suspended raceway is already fixed; the interior agency is required to design the wire manager boxing starting from the LT Distribution Board and/or the existing raceway. From these routes and locations, power points with industrial sockets and universal power supply sockets shall be integrated into the furniture and interior design. This scope includes the development of routes for the electrical network, data cabling, and associated infrastructure. "There are five locations on the periphery wall where conduits have been laid under the tiles up to the wall with 2 ft of vertical heights, and the conduits have been brought from the Electrical DB. At the user end, these need to be properly covered with suitable jacketing and integrated into the design." The partitions and designs should be performed to meet the AV accoustics, sound proof, no noise from outside-inside, with AV and suitable lightings to be designed.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q1	Conference Room / Lecture hall, Library Staff	There is an existing RCC wall which can be used for lecture display and the high-quality interior wall paneling would be required to absorb noise. To facilitate the routing of power and data cables, appropriate wall paneling and jacketing will be required. Additionally, partitions must be installed to reduce noise transmission from other floors through cut-out openings. The speakers with AV setup to be designed and required to be fixed with high resolution displays. There are 3 columns at the outer side through which the wire network jacketing can be established.		It is open with Q1 of 1st and 3rd floor therefore necessary interiors to be provided.
4	3rd Floor	Q4	Book Shelves (stacking area), Reading area, Online Public Access Catalogue (OPAC) Kiosk machine, Library Staff	There are four Columns in the area through which the wire routes can be extended with jacketing over these. The ceiling suspended raceway is fixed, the interior agency has to design the wire manager boxing from LT DB and /or the exiting raceway and from t	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q3	Book Shelves (stacking area), Reading area	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q2	Book Shelves (stacking area), Reading area	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q1	Book Shelves (stacking area), Reading area, Library Staff	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB rooms.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
					Please undertake the site visit to understand it better. However, the	
		Q4	Book Shelves (stacking area), Reading area, Online Public Access Catalogue (OPAC) Kiosk machine, Library staff	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB rooms.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.

5	4th Floor	Q3	Book Shelves (stacking area), Reading area	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB rooms.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q2	Book Shelves (stacking area), Reading area	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB rooms.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q1	Book Shelves (stacking area), Reading area, Library staff	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB rooms.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
					Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
6	5th Floor	Q4	Technical Processing, Store room		Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q3	Library staff	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB rooms.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q2	Library IT servers, Network systems, etc.	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB rooms.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
		Q1	Maintenance section	The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB rooms.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.
				The reading tables should have the wire manager box inside with standard size switch and socket provisions for laptop and tab chargings. The wire manager boxes to be linked and coordinated with the external boxing over the wall/columns and can be taped through the exiting route on nearest raceways and wires inside conduits to be laid from the DB rooms.	Please undertake the site visit to understand it better. However, the master plans are being shared for references.	Generally two master bands - near floor on wall at standard heights and at above means near ceiling level to be provided to ensure all automation wires and network including digitalization of the library can be achieved.