



THESIS REPORT ON

National Institute of Fashion Technology

VARANASI, UTTAR PRADESH

A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE
DEGREE OF:

BACHELOR OF ARCHITECTURE

BY

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THESIS GUIDE

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BABU BANARASI DAS UNIVERSITY

LUCKNOW.

SCHOOL OF ARCHITECTURE AND PLANNING
BABU BANARASI DAS UNIVERSITY, LUCKNOW (U.P.).

CERTIFICATE

I hereby recommend that the thesis entitled **National Institute of Fashion Technology VARANASI, UTTAR PRADESH** .under the supervision, is the bonafide work of the students and can be accepted as partial fulfillment of the requirement for the degree of Bachelor's degree in architecture, school of Architecture and Planning, BBDU, Lucknow.

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NATIONAL INSTITUTE OF FASHION TECHNOLOGY

INTRODUCTION

By Chaymaa
Daraibi



INTRODUCTION....



National Institute of Fashion Technology was set up in 1986 at New Delhi by the Ministry of Textiles, Government of India as a registered society under the Societies Registration Act, 1860. The Institute has recently been conferred the statutory status through the Act 2006 for the promotion and development of education and research in fashion technology and for matters connected there with.

Since its inception in 1986, the institution has played a pioneering role in envisioning and evolving fashion business education in the country. With growing demand for skilled manpower from Fashion business industry across the country, the institute expanded its operations in 1995-96 by establishing 6 additional centres at Bangalore, Chennai, Gandhinagar, Hyderabad, Kolkata and Mumbai. During 2007 to 2018, nine more centres were established in Rae Bareilly, Shillong, Bhopal, Patna, Kannur, Jodhpur, Bhubaneswar, Srinagar and Kangra in collaboration with the respective State Governments.

Academic inclusiveness has been a catalyst in the expansion plans of the Institute. Today, NIFT has spread wings across the length and breadth of the country. Through its 16 professionally managed centres, national institute of fashion technology provides a framework to ensure that prospective students from different parts of the country achieve their highest potential through the programs offered.

From the very beginning, NIFT has been committed to academic excellence in fashion education. The vision of the institute to emerge as a centre of excellence and innovation pro-actively catalysing growth of fashion business through leadership in professional education with concern for social and human values.

The campus will consist of academic blocks, workshops, laboratories, administrative block, Resource centre (Library), IT Labs, Projects office, Officers/Faculties/Staff Quarters, Girls and Boys Hostels, Canteens, Stationery and material – documentation shop, facilities, sports and recreation areas etc.

WHAT IS FASHION

Fashion implies creativity and time- an ever changing phenomenon. Fashion is a general term for a popular style or practice, especially in clothing, footwear, accessories, makeup, body piercing, or furniture. Fashion refers to a distinctive and often habitual trend in the style with which a person dresses, as well as to prevailing styles in behaviour.

The fashion industry consists of 4 levels :

- the production of raw materials, principally fibres and textiles;
- the production of raw materials leather and furniture;
- the production of fashion goods by designers, manufacturers, contractors, and other;
- retail sales.



FASHION IN INDIA

Fashion industry in India has great potential to make its mark on the world stage, Indian fashion has thousands of years of tradition behind it.

India has a rich and varied textile heritage. Each region of India has its own unique native costume and traditional attire.

Fashion industry in India is growing at a rapid pace with international events such as the India fashion week gaining popularity and annual shows by Fashion designers being held in the major cities of India.

Apart from the rich tradition the strength of the Indian fashion industry also rest on strong raw material availability.

India also possesses large number of skilled human resources and has among the lowest labour costs in the world.

AIMS AND OBJETIVES

- To unite knowledge, as in an ideal campus, by creating such spaces between people and academic disciplines.
- To define distinct settings for social interaction and strengthen the unity of the entire campus by the scale, form, colour, texture, light and other architectural characteristics of the spaces.
- To create an environment which is ecologically, culturally and mentally suited for the absorption of the knowledge to be perceived and to bring the inner self and talent to the surface.
- Create opportunities for the students and young artists to develop their potential through study and performance.

SCOPE OF WORK

- Study and creation of spaces in an institution such that they derive maximum benefit from the natural settings of the site, hence the climate as well.
- The challenge would be to create a space and buildings that would keep the glamorous image of fashion world but at no cost would ignore the functional aspects of it.
- The building has to be symbolic of the professional stream they are catering to which is very modern and forever beaming with new ideas.



LIMITATIONS

- Since the main focus would be on the built mass and the surrounding spaces, such that climate is put to maximum benefit the inner volumes may not be worked out in detail within the given time frame.
- While working on the spaces and the academic and residential units, the other units might not be worked out in detail.

FASHION TREND WITH RESPECT TO VARANASI

The land of Varanasi (Kashi) has been the ultimate pilgrimage spot for Hindus for ages. Hindus believe that one who is graced to die on the land of Varanasi would attain salvation and freedom from the cycle of birth and re-birth. Abode of Lord Shiva and Parvati, the origins of Varanasi are yet unknown.

DRESSNG IN VILAGES

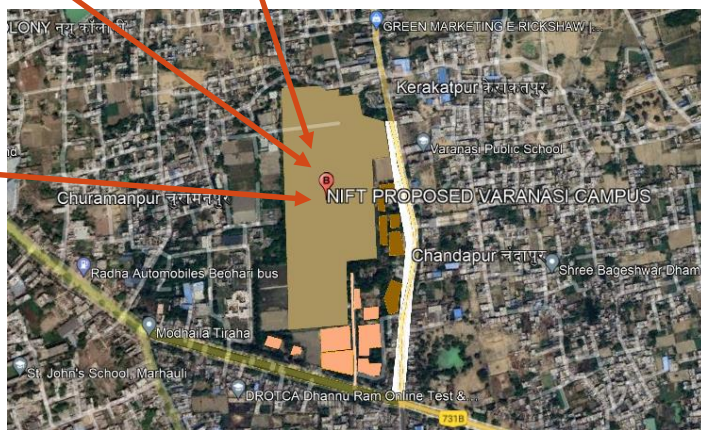
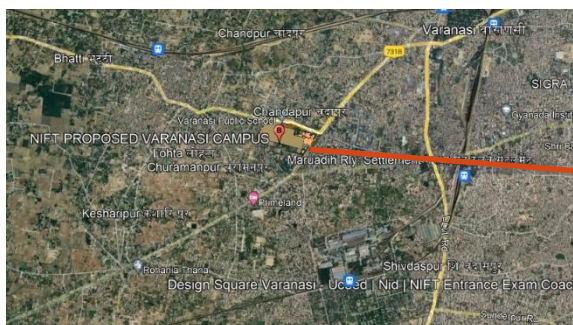
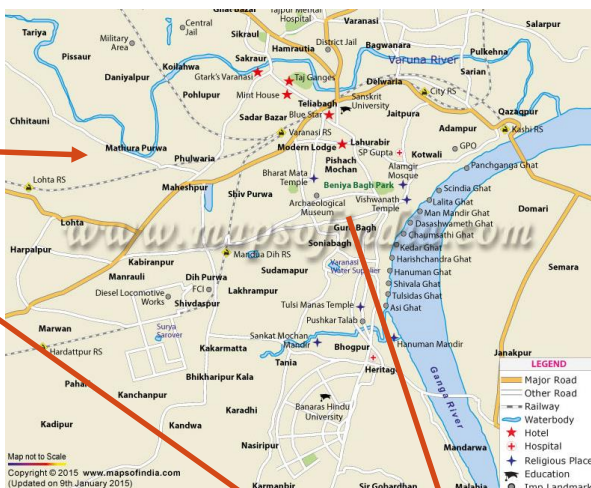
In many villages, people still wear traditional clothes. Men and Women wear all kind of traditional clothes and accessories.



SITE STUDY

VARANASI (LOCATION)

Varanasi is a city in the northern Indian state of Uttar Pradesh dating to the 11th century B.C. Regarded as the spiritual capital of India, the city draws Hindu pilgrims who bathe in the Ganges River's sacred waters and perform funeral rites. Along the city's winding streets are some 2,000 temples, including Kashi Vishwanath, the "Golden Temple," dedicated to the Hindu god Shiva.



EDUCATION IN BAREILLY

There are several universities and institutes of higher education in VARANASI. Varanasi in Uttar Pradesh is a prominent place for education, attracting students from all over the world. The standard of education is high in comparison to that in many other cities of India and thus, students graduating from here are in great demand for some of the best jobs in the country. Varanasi has some very good colleges for higher studies. BHU is divided into 4 institutes and 14 colleges. IIT, Institute of Agricultural Sciences, Institute of Environment and Sustainable Development, and Institute of Medical Sciences are affiliated to BHU.

ABOUT THE SITE :-

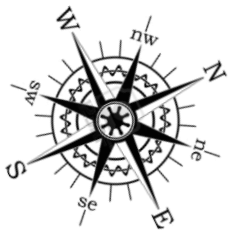
- Site Area 101171.4.sqm.(25 acres)
- Location Bhadohi Rd, Lohta Bazar, Varanasi, Uttar Pradesh 221107.
- Longitude 25° 23' 14.1720" N , 82° 34' 4.9116" E
- Land Type Flat surface land with no contours.
- Access Road Varanasi-Varanasi Allahabad Rd is 18m wide and minor road 9m wide. A minor road to the north and west.
- Site Context Location in the institutional area giving a clam and silent Environment to study. The area is quite green environmental friendly and pollution free.



A. GENERAL SITE CONTEXT :-

1. Geographical Location -

- Airport Varanasi 22.5km
- Varanasi Railway Station 6.2km
- Gautama bus stand 1.6km
- Green Park 2.0km
- Fun City 5.8km
- Mendacity Hospital 7.0km
- Fire Station 6.4km
- Police Station Lohta 18.3km
- Varanasi Development Authority 32km



2. Adjacent land use patterns
Institutional Land

1. INTERNATIONAL PUBLIC SCHOOL.
2. K D COLLEGE OF MANAGEMENT AND TECHNOLOGY.



ACCESS

Site is accessible from 2 side, which is 18m & 9m wide road.



GEOGRAPHICAL CONDITION

The Varanasi city is geographically located at **25000' to 25016' N** Latitude and **82050' to 83010' E** Longitude. The topography of the city is averaging between 50 feet (15 m) and 70 feet (21 m) above the river.

SOIL TYPE

The soils of Varanasi district can be classified into four categories depending upon their texture, composition and formation process as the rivers have played a major role in it.

- i) Ganga sandy loam,
- ii) Western low land soil,
- iii) Western upland soil and
- iv) Loamy soil.

TOPOGRAPHY

Land is almost flat, the landform is suitable for construction with no drastic changes in topography.

VEGETATION

The wall flora of Varanasi includes 135 species of angiosperms, 1 species of pteridophyte, 4 species of bryophytes and one lichen..

DRAINAGE & SEWER SYSTEM

Drain & sewage system is along the main road. Since the site slopes. it helps in easy drainage of rainwater.

ELECTRIC SUPPLY

The electric supply lines are running parallel to the main road.

WATER SUPPLY

Department of Varanasi water supply and sanitation, the tube wells, boosting stations and water pipelines in Varanasi facilitate water supply.



- **Institutional and Educational:**

Plot area slabs	Maximum permissible Ground Coverage	Permissible Basement	Maximum Permissible F.A.R	Maximum Permissible Height
Upto 10000sq.m metres	35%	Upto four levels	150%	Unrestricted
Above 10000sq. metres	25%	Upto four levels	150%	Unrestricted

- **Parking:** 1 ECS for every 100 sq.m.
 1. Open parking: 1 ECS = 23 sq.m.
 2. Stilt parking : 1 ECS = 28 sq.m.
 3. Basement parking: 1 ECS = 32 sq.m.
- **Courtyard:** Courtyard shall have a minimum area, throughout its height, of not less than the square of one – fifth the height of the highest wall abutting the courtyard. Courtyard shall not be less than 12 sq.m. in area and the minimum width of every such courtyard in any direction shall not be less than 3 metres.
- **Plinth:** The height of the plinth shall not be less than 450mm and more than 1.5 metres.
- **Staircase:** Minimum permissible clear width of staircase (in m) – 2.0
Minimum permissible width of tread (in m) – 0.3 (without nosing)
Maximum permissible height of riser (in m) – 0.15
- **Ramps and Lifts:** Every building having more than 15m height shall be provided with a lift or a ramp with an inclination of 1:10 in addition to the staircases. Ramp to basement and parking floors shall not be less than 7.2m wide for two way traffic and 4 metres for one way traffic of minimum gradient 1:10. Passenger lift is required as per Code, provision of atleast one lift shall be made for wheel chair users, with the following cage dimensions, recommended for passenger lift of 13 persons capacity by the Bureau of Indian Standards:

- a. Clear internal depth 1.1 metre.
- b. Clear internal width 2.0 metres.
- c. Entrance door width 0.9 metres.
- d. Minimum size of lift lobby shall be 1.8 metres x 2.0 metres or more.
- e. The interior of the cage shall be provided by Braille symbols and auditor signage that audibly indicates the floor. When the cage has reached the floor, it shall indicate the door of the cage for entrance/exit is either open or closed.



- **PASSAGES and CORRIDORS:** Minimum permissible width of the passage and corridor (in metres) – 2.0
- **EXITS:** Exits shall be so located so that the travel distance on the floor shall not exceed 22.5 metres.
- **VENTILATION SHAFT:**

Sl. No.	Height of building in metres	Minimum size of ventilation shaft in metres	Minimum width of shaft in metres
1	Upto 18.0	4.0	1.5
2	Upto 24.0	5.4	1.8



Climate of Varanasi

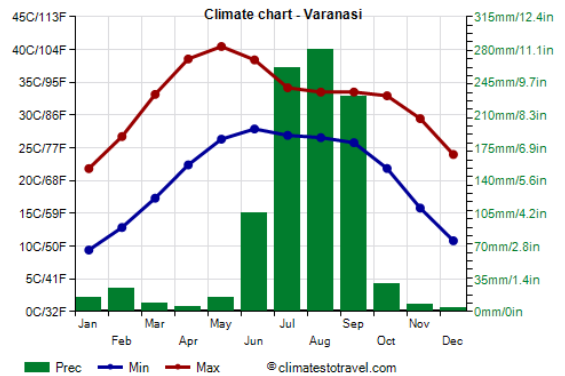
CLIMATE SITE ANALYSIS

CLIMATE OF VARANASI

COMPOSITE CLIMATE

Varanasi has a humid subtropical climate. This is a very specific climate which often occurs in areas that are slightly higher up. The summers are very hot and wet. Winter months are fairly dry. It does get colder, but temperatures below freezing and snowfall are rare.

Seasons	Months	Temperature	Weather
Summer	Apr to Jun	22 deg C to 38 deg C	Very hot temperature making it difficult for sightseeing.
Monsoon	Jul to Sep	24 deg C to 32 deg C	Receives average rainfall with high humidity.
Winter	Oct to Mar	8 deg C to 31 deg C	Cold waves make the temperature low



TEMPERATURE

Temperature variation is extreme both on annual mean scale and the diurnal mean temperatures. Sometimes it's very cool sometimes humidity just annoys people. Monsoon and winters are perfect season which begins in mid September and ends in mid November. Winters are real cooler.

PREVAILING WIND

This section discusses the wide-area hourly average wind vector (speed and direction) at *10 meters* above the ground. The wind experienced at any given location is highly dependent on local topography and other factors, and instantaneous wind speed and direction vary more widely than hourly averages.

The *windier* part of the year lasts for *7.0 months*, from *February 15* to *September 14*, with average wind speeds of more than *6.7 miles per hour*. The *windiest* month of the year in Varanasi is *June*, with an average hourly wind speed of *8.4 miles per hour*.

AVERAGE TEMPRATURE OF VARANASI

The *hot season* lasts for *2.6 months*, from *April 4* to *June 23*, with an average daily high temperature above *99°F*. The hottest month of the year in Varanasi is *May*, with an average high of *105°F* and low of *79°F*.

The *cool season* lasts for *2.1 months*, from *December 6* to *February 10*, with an average daily high temperature below *78°F*. The coldest month of the year in Varanasi is *January*, with an average low of *49°F* and high of *73°F*. November-February



1. NIFT, DELHI
2. LITTURE STUDY

CASE STUDY

NATIONAL INSTITUTE OF FASHION TECHNOLOGY, DELHI

INTRODUCTION

Client: National Institute of Fashion Technology

Principal Architect: B.V. Doshi

Structural Consultant: Himanshu Parikh, Ahmedabad

Site Area: 11650 sq.mt (aprox 3 acres)

Total Built-up Area: 13570 sq.mt.

Project cost: Rs. 8.5 million(1994)

Intakes: 300 students

Courses: Fashion & Apparel, Fashion communication,
Fashion Technology, Garment Manufacture, Leather Garment.



OBJECTIVE

The objective of this institute is to impact education in apparel design for the ready-made garment industry, to undertake research in this field in tune with our cultural heritage and train personnel in the field of garment marketing. It is hoped that in future this institute will become an international fashion center and more importantly a model agency promoting regional institutes all over India to boost talents which would enrich the national garment design and manufacturing.

Being the first of such institutes to facilitate easy access to local and Foreign professionals, visitors and Buyers a centrally located site in
Hauz Khas at Delhi.

LOCATION

The NIFT campus is located at the Mehrauli road in New Delhi's Hauz Khas Institutional area. It is easily accessible from the Aurobindo Marg or Balbir Saxena marg. Nearest metro is Hauz khas.

Access from North-East and South-West side of the campus. Site is irregular in shape and is surrounded by classical dance Institute, Hauz Khas housing & Gulmohar park. The front courtyard has been developed by DDA and the green area has been given to NIFT for maintainence and upkeep.

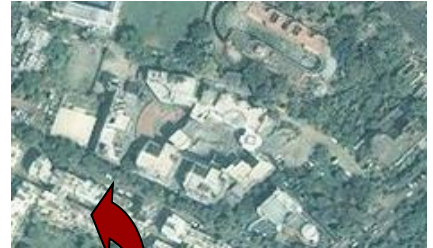
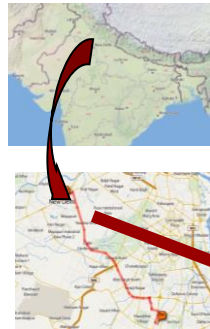
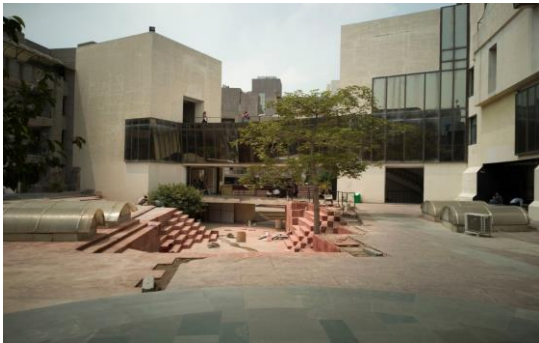
EVOLUTION OF THE DESIGN

Doshi's concept of the building revolves around form-imagery perception thus providing building with roots, life and history. The NIFT campus becomes a village square growing organically over time to become a theatre, the scene for unfolding drama of day to day daily life. For central kund like **court, wide casually aligned steps, water-channels, green areas, over looking terraces and bridges** emerge as elements of space making to recreate for fashion and design.

REFERENCES

According to Doshi following references have been used:

- **STEP WELL:** The steps leading to water body surrounded by platforms and galleries.
- **INDIAN BAZARS:** The idea of introverted Indian bazars relating to the theatrical quality of fashion and traditional chowk or mohalla to foster a sense of community.
- **KUND:** The main dominant feature in the formation of Institute design which guides the way to the campus.



SITE PLANNING

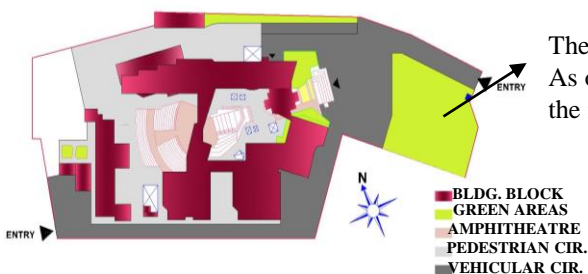
The building has two zones –

- Academic
- Administration

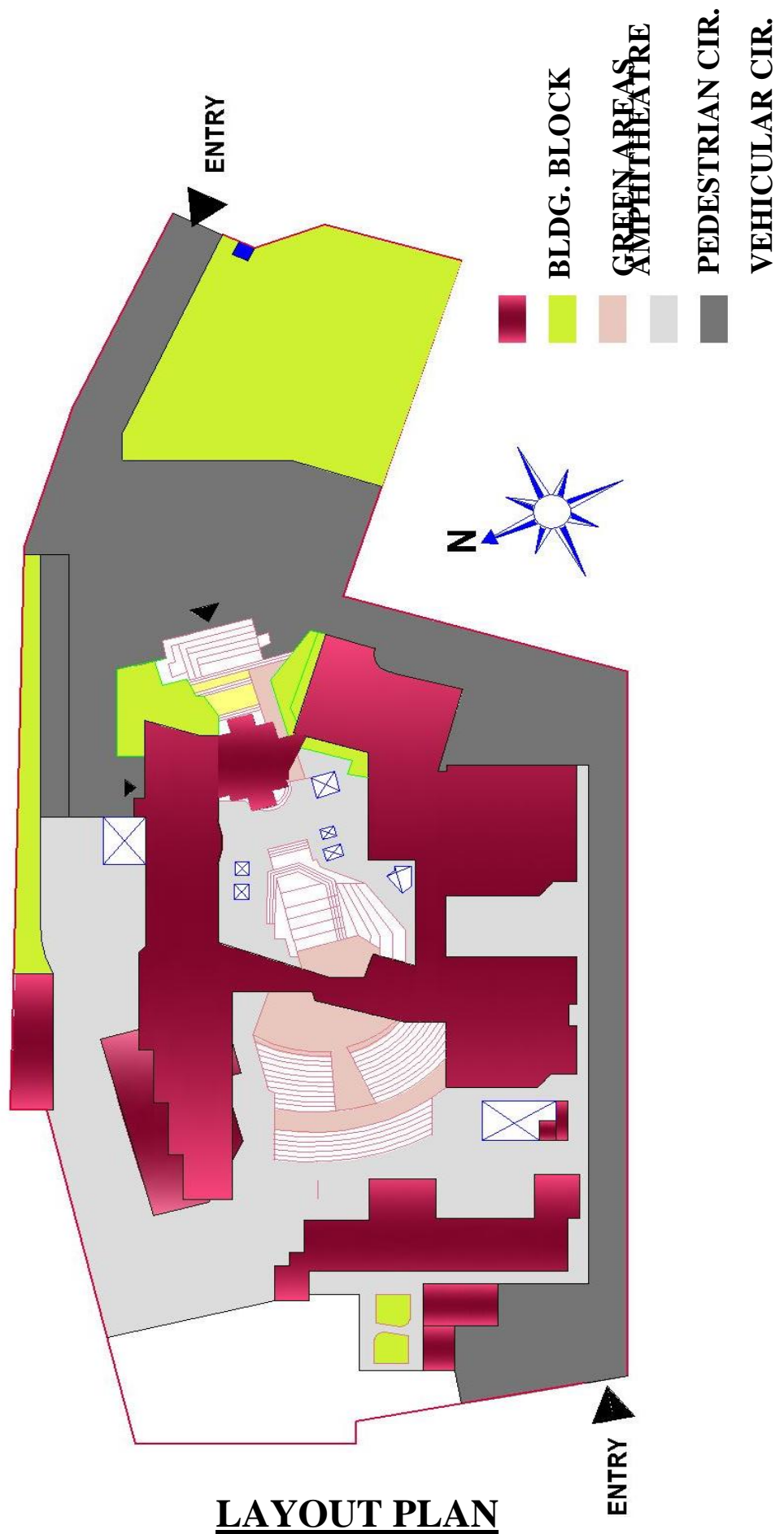
Academic block is divided into two wings on either side around central court – amphitheatre making central visual axis of the campus.

ZONING

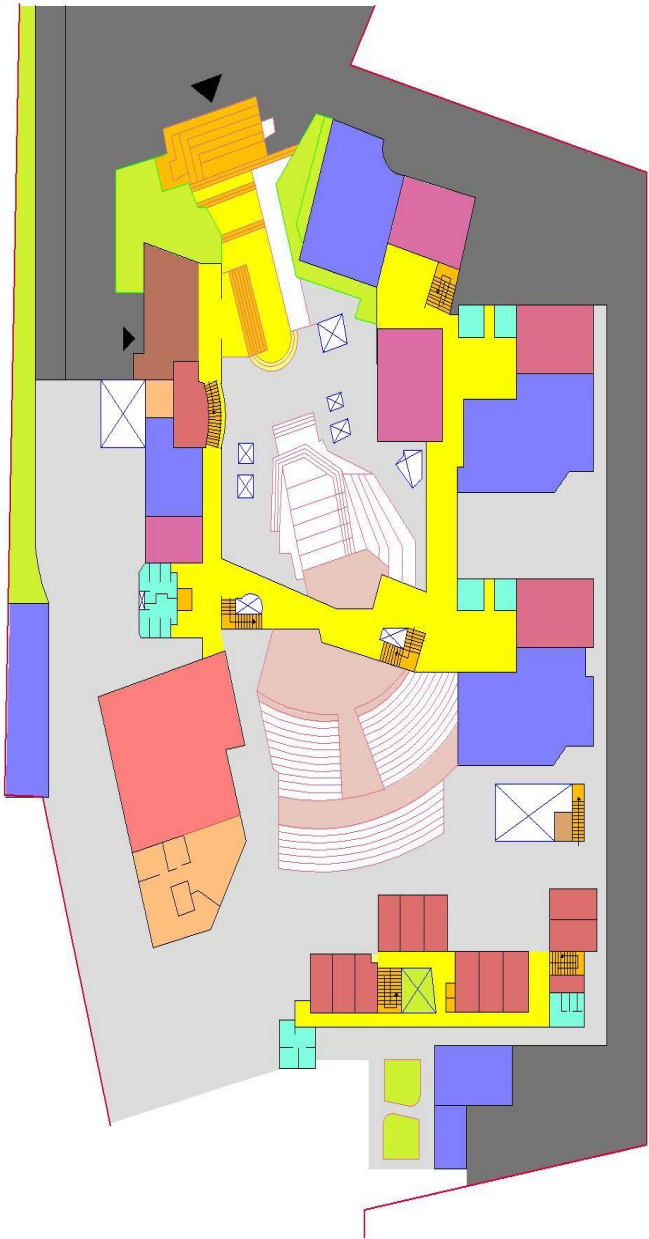
- The site was a flat land.
- The kund and the levels are all architect's creations which has changed overall site contours.
- The landscape is all planned with no trace of any natural growth of vegetation but main focus has been given to the hard landscape, neglecting the effectiveness of soft landscape.
- The access is through a plot reserved for zonal green area now handled by NIFT on the condition that no building shall be constructed on this part



The way to the campus is from two sides – front and back. As one enters, to the left is security cabin and front is a green patch and the internal road leads to the main entrance and basement.

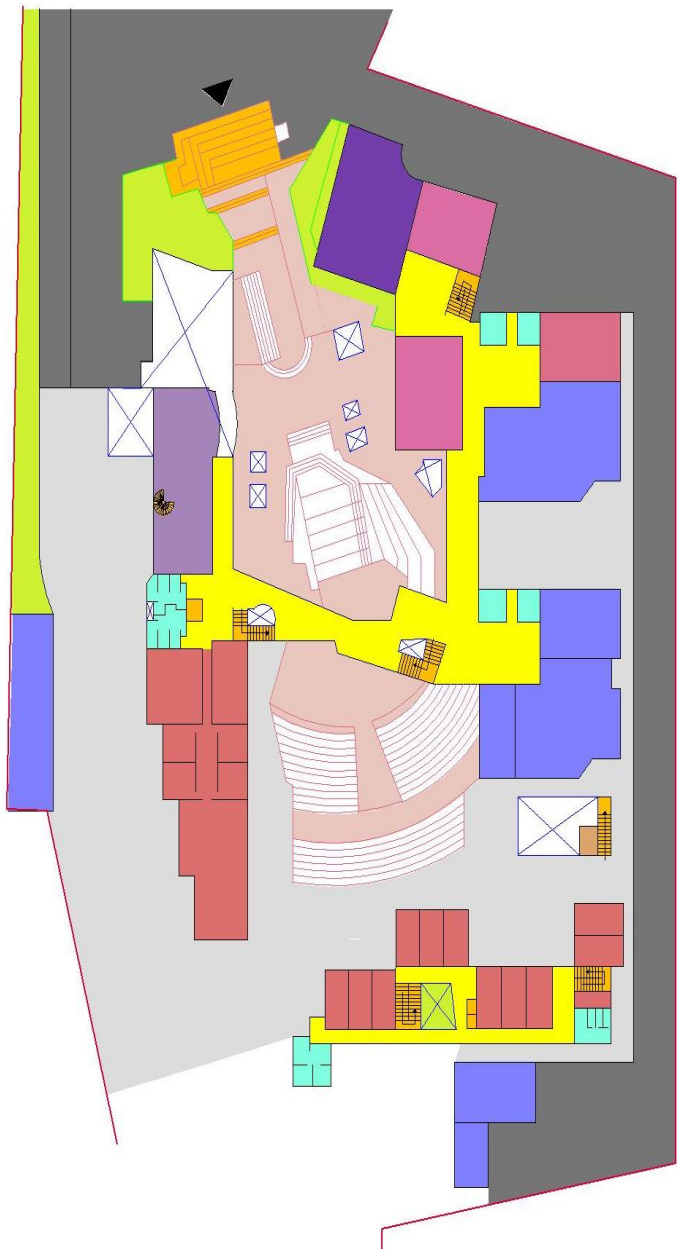


- CLASSROOM
- LAB
- ADM.BLO
- TOILET
- CAFETERIA
- KITCHEN
- RECEPTION
- HORZ.CIR
- VERT.CIR
- AMPH.+COU
- GREEN



GROUND FLOOR PLAN

- LANGUAGE AND MODELLING ROOM
- LABS
- TOILETS
- ART ROOM
- EXHIBITION HALL



FIRST FLOOR PLAN

CLASSROOMS

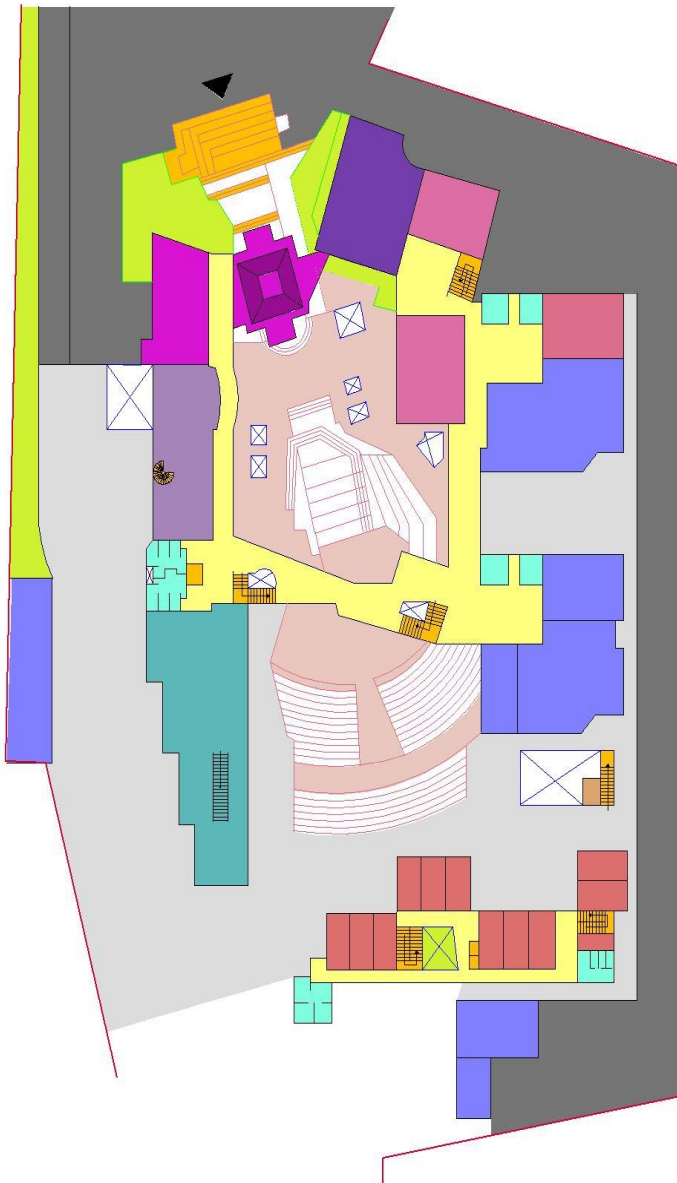
LABS

TOILETS

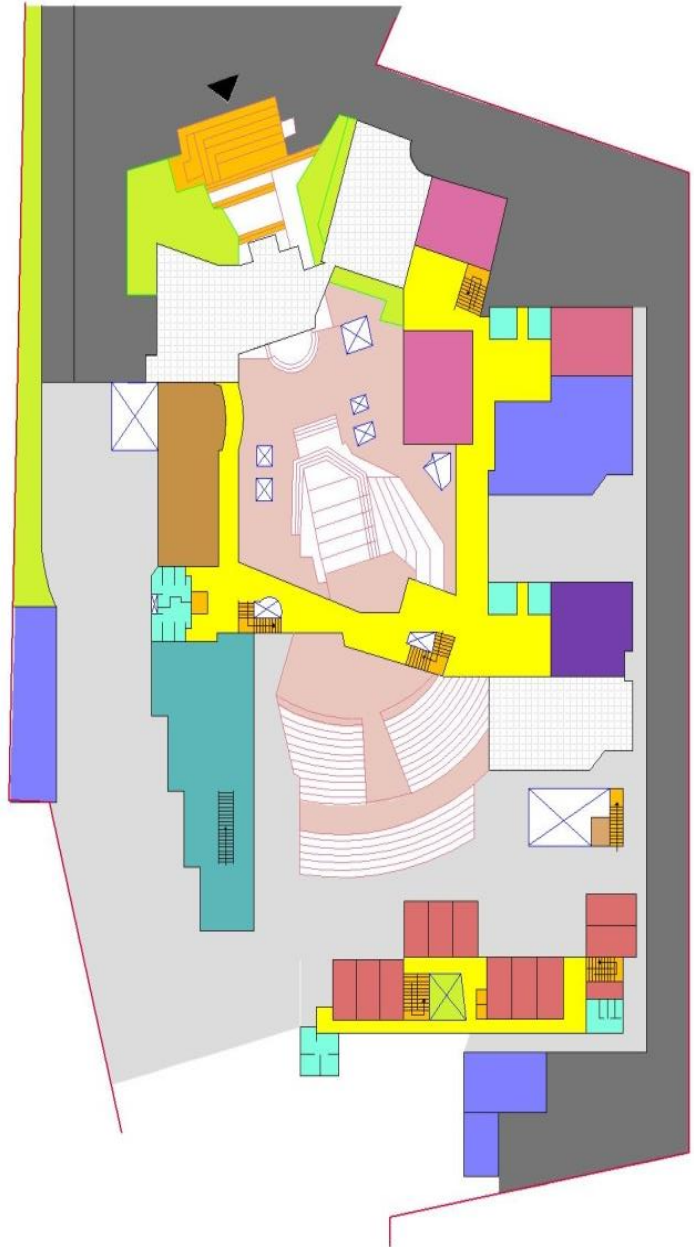
DIRECTOR'S CABIN
AND BOARD ROOM
ART ROOM

EXB. HALL -
UPPER LEVEL
LIBRARY

RESOURCE CENTRE



THIRD FLOOR PLAN



FOURTH FLOOR PLAN



OAT



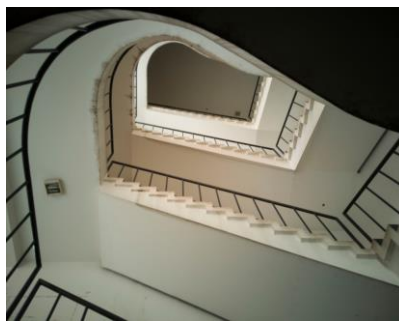
BRIDGE VIEW



KUND



GLASS BRIDGE



STAIRCASE



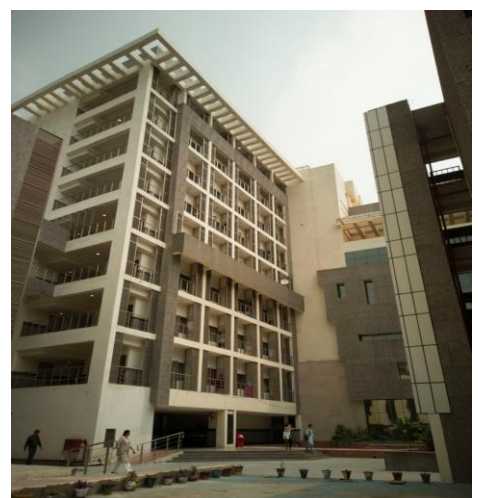
CANTEEN



OVER BRIDGE



STAIRCASE



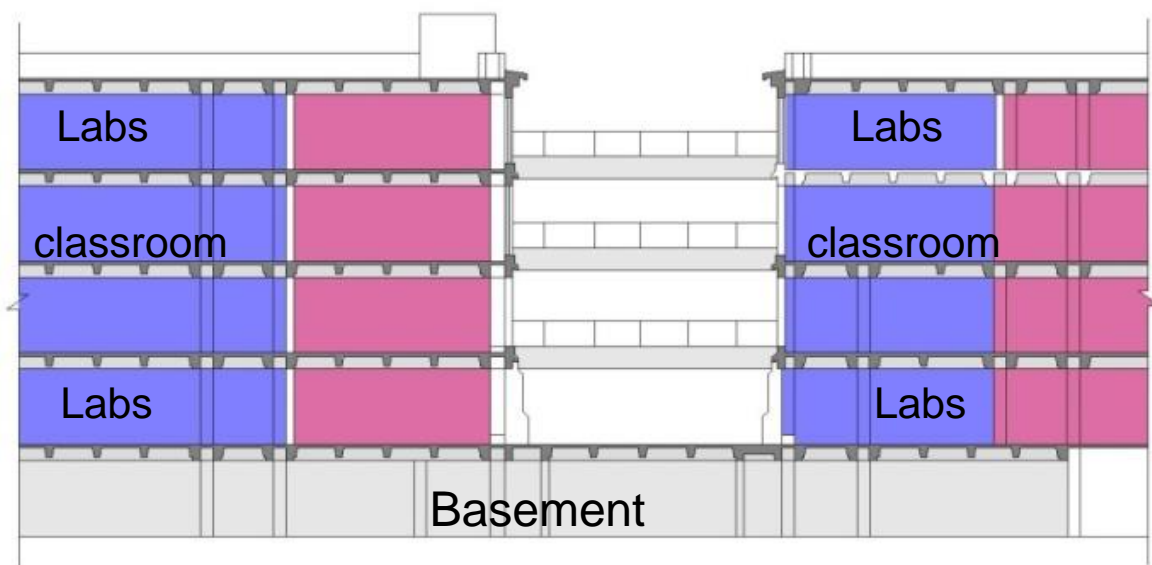
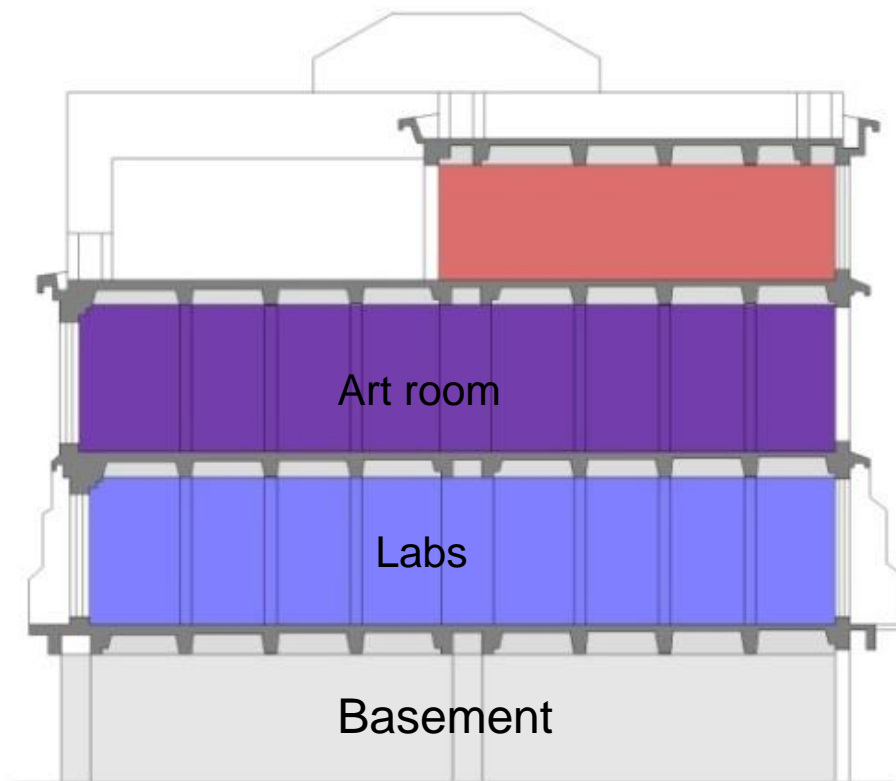
HOSTEL



HOSTEL AREA VIEW



LANDSCAPE



SECTIONS

COMPARATIVE AREA ANALYSIS NIFT DELHI

ENTRANCE

SPACE	AREA(sq.m)
LOBBY/WAITING	60
RECEPTION	10

ADMINISTRATION

SPACE	AREA(sq.m)
DIRECTOR ROOM	30
REGISTRAR ROOM	30
STAFF ROOM	60
STORE ROOM	20
BOARD ROOM	50
PA ROOM	8
LECTURE HALL	40
COMPUTER LAB	90
AV HALL	60
DESIGN STUDIO	60

LABORATORIES

SPACE	AREA(sq.m)
GRAMENT MANUFACTURING LAB	75
PATTERN MAKING LAB	150
TEXTILE TECH LAB	75
KNIT WEAR TECH LAB	150
LOCKER FACILITY	60

CANTEN FOR STAFF & STUDENTS

SPACE	AREA(sq.m)
ENTRANCE LOBBY	30
INDOOR DINING	300
OUTDOOR DINING	100
KITCHEN	80
STORAGE	50
SCULLERY	15

COMPARATIVE AREA ANALYSIS NIFT DELHI

AUDITORIUM

SPACE	AREA(sqm)
STAGE AREA	200
GREEN ROOM (GENTS)	35
GREEN ROOM (LADIES)	35
CHSNGING ROOM	40
MAINTENANCE	20
PROJECTOR ROOM	40
SEATING AREA	410

LIBRARY

SPACE	AREA(sqm)
COUNTER & OFFICE	30
LIBRARIAN ROOM	15
BINDING & PROCESS	50
STACK ROOM	200
MATERIAL LIBRARY	100
GENERAL READING	160
RECORD & XEROX	15

HOSTEL FOR BOYS & GIRLS

SPACE	AREA(sqm)
DOUBLE ROOM	1050
WARDEN ROOM	20
COMMON ROOM	144
PLAY ROOM	64
READING ROOM	40

LOCATION

- **National Institute of Design** (NID) is a design school in Paldi, Ahmedabad ,Gujarat
- **Area of the site: 20 acres approx.**
- The site is located along the Sabarmati River. The site measures about 20 acres. In its surrounding is the Tagore hall, the kite museum and opposite to the site is **Diwan Ballabhai high school**.
- **Main Access** of the site is from the main road.



ZONING

SITE ANALYSIS

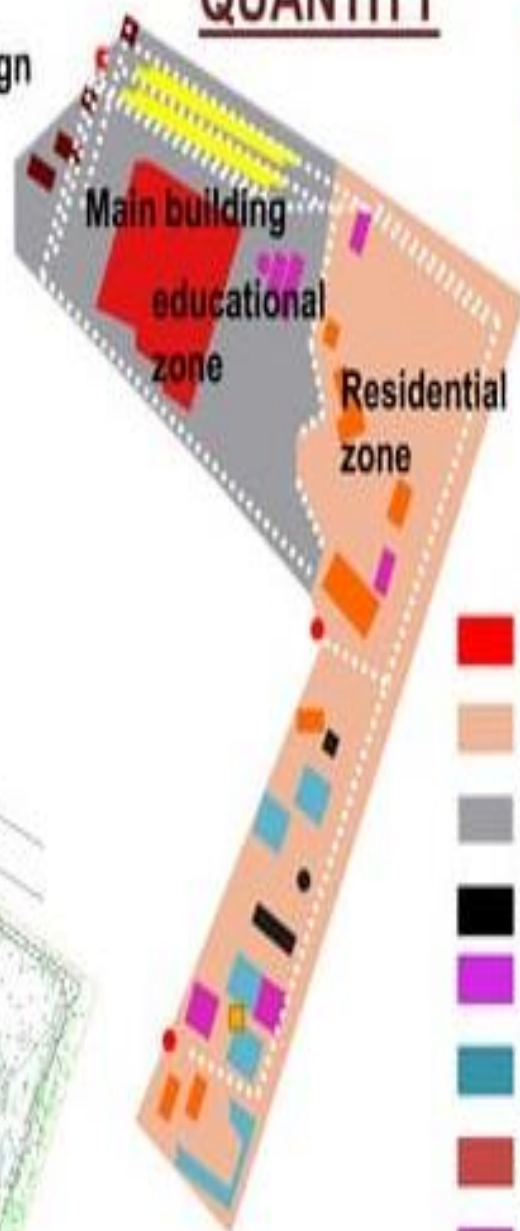
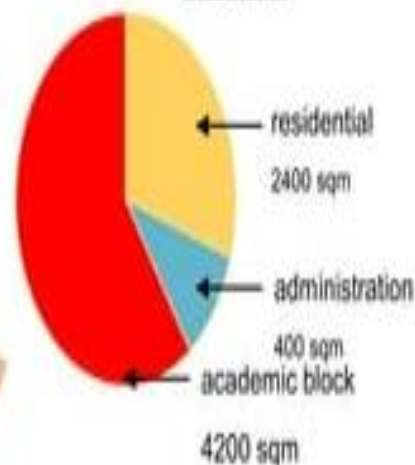
National Institute of Design

It is an **autonomous** institution under the aegis of the **Ministry of Commerce and Industry**.

Site area: 63,848 sq.m
Area of Sanctioned land: 10000 sq.m

QUANTITY

SCALE



- MAIN BUILDING-15000 sq.m
- RESIDENTIAL ZONE-34770 sq.m
- EDUCATIONAL ZONE-29078sq.m
- SERVICES-1985sq.m
- RECREATION
- HOSTEL-7174sq.m
- STAFF QTRS
- SECURITY/ OFFICE
- PARKING
- ENTRY-3 nos.

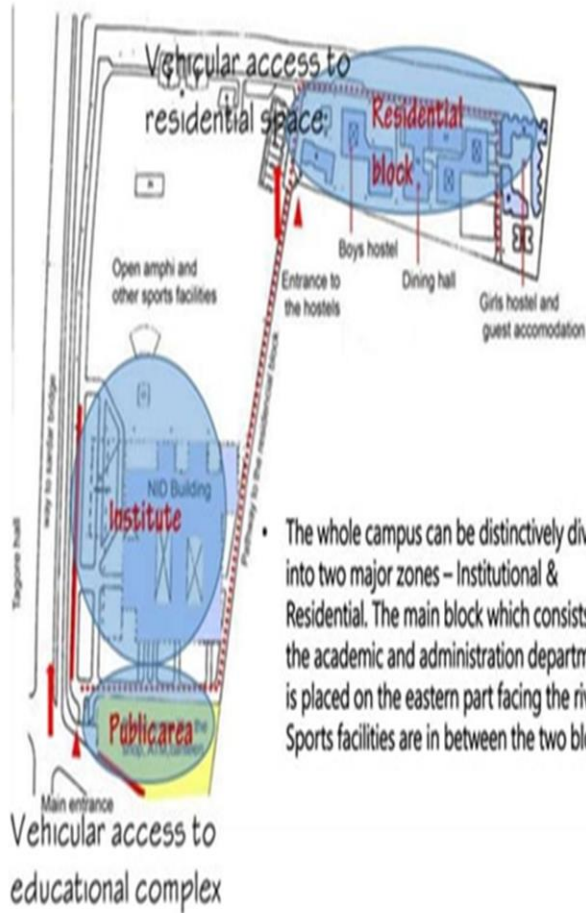
MASSING OF SITE PLAN

SITE AREA: 63,848 sq.m
TOTAL BUILT-UP AREA: 27,488 sq.m
FSI: 0.4

Site plan



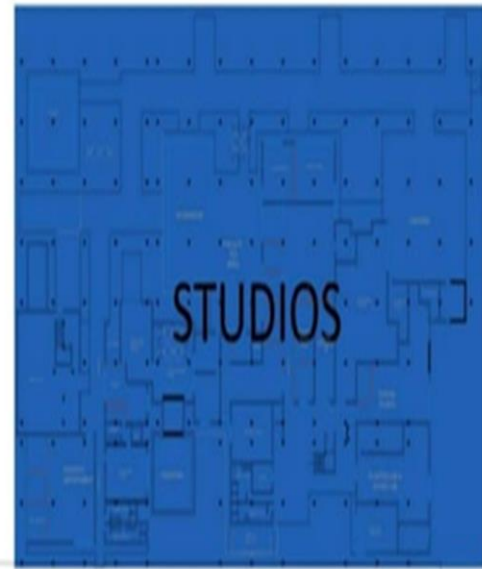
Site Planning



- The whole campus can be distinctively divided into two major zones – Institutional & Residential. The main block which consists both the academic and administration departments is placed on the eastern part facing the river. Sports facilities are in between the two blocks.

Internal zoning

- The courtyards, functionally conceived as open spaces to segregate between two diverse functions of 'seminar rooms' or 'classrooms' and 'workshops' or 'laboratories' due to noise and structural reasons; spatially created light wells for the dark ground spaces.
- The north-south orientation of the studios gives more light and cuts off the glare.

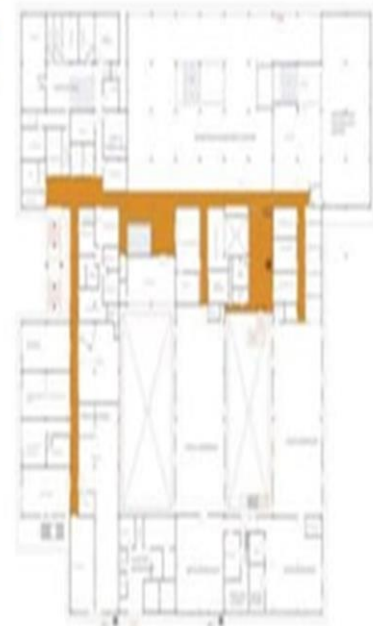


GROUND FLOOR

Circulation

- Emphasis has been given on the pedestrian movement of the site.
- Vehicular movement is restricted only till the entrance for the visitors. But it is possible from residential areas to academic block and vice-versa.
- Besides, service entries are provided for the various workshops.

WALKING PATHS



FIRST FLOOR

COMPARATIVE AREA ANALYSIS NIFT AMHEDABAD

ENTRANCE

SPACE	AREA(sqm)
LOBBY/WATTING	60
RECEPTION	10

DESIGN AND DEVELOPMENT

SPACE	AREA(sqm)
CLASS ROOM/ ARTS ROOM	180
SURFACE DESIGN DYEING/PRINTING LAB	225
WEAVING LAB	150
STORE ROOM	80
LAB ASSISTANT	40
FACULTY ROOM 5/CABIN 1	100
COMMON ROOM	
DISPLAY AREA	90
TOTAL AREA	1045

CAFETERIA

SPACE	AREA(sqm)
DINNING AREA FOR 120 PERSON	300
KITCHEN + STORE	150
TOILETS	20
TOTAL AREA	470

RESIDENTIAL FACILITIES

SPACE	NOS	AREA(sqm)
GUEST HOUSE AND CLUB	1	750
DIRECTOR'S RESIDENCE (INCLUDINF SERVANT)	1	256
TYPE 'A' RESIDENCES (DEPUTY DIRECTOR REGISTRAR AND EQUIVALENT OFFICERS)	8	1440
TYPE 'B' RESIDENCES (PROFESSOR, ASSISTANT, PROFESOR ASSOCIATE AND EQUIVALENT)	24	3360
TYPE 'C' RESIDENCES (LEVEL STAFF)	24	2880
TYPE 'D' RESIDENCES (ATTENDANT LEVEL)	12	720
TOTAL AREA		9356

HOSTEL FOR BOYS & GIRLS

SPACE	AREA(sqm)
BOYS HOSTEL FOR 120 PERSON TWIN BASIS INCLUDING COMMON FSCILITIES IN THE HOSTEL	1400
GIRLS HOSTEL FOR 120 PERSON TWIN SHARING INCLUDING COMMON FSCILITIES IN THE HOSTEL	1400
TOTAL AREA	2800



1. NIFT, BANGALORE
2. NIFT MUMBAI

LITERATURE STUDY

National Institute of Fashion Technology, Chennai

- **Location** Taramani, Chennai
 - **Architect** Sanjay Mohe
 - **Consultants** SEMAC Pvt. Ltd.
 - **Contractors** J.M.C. Projects Pvt. Ltd.
-
- **Site Area** 18996 sq.m
 - **Built-up Area** 14,548 sq.m
 - **Ground Coverage** 37%
 - **Floor** G+2
 - **FAI** 0.80
 - **Project Cost** 11.6 Crores



overlook another space or hear another conversation without being seen oneself.

About NIFT, Chennai

Before entering the campus of NIFT, one is given a colorful opening of planes apparent in the front façade. The structure builds up a more playful character for a school that indulges in fashion. Being a masonry building, it offers a layered experience—textured and surprising. Walking through the building reveals a complex arrangement of corridors, staircases and walkways. The public areas are varied and surprising and a look at the floor plans cannot describe the complex overlay of spaces. The building has a variety of spaces, spaces that the students value greatly as they offer them the buffer for different activities. There is a quiet voyeurism to the way one can

Location

The NIFT site is located on old Mahabalipuram road.

The Site is triangular flanked by roads on two sides and elevated railway line on the third. The elevated railway line intersects the old Mahabalipuram road at a very sharp angle, which is a unique aspect of the site and has been carried through to the built form.

Concept

About this time in his career, there is an apparent shift in Mohe's approach towards generative ideas for design. The design moves away from a static, monochromatic architecture that dominates his earlier projects. The generative idea for the design

Literature Study- NIFT, Chennai

the office one morning. The colorful triangles of the toy rendered a vibrant composition of peaks and niches that inspired Mohe towards the playful design of the roadside façade at NIFT, Chennai. These triangular pockets are devised as wind catchers. They also act as a buffer from the harsh Chennai sun and the noise from the busy road.



PERSPECTIVE VIEW



Fashion Design Department

The Fashion Design Department is situated on the first floor. It comprises of-

- 1 faculty room
- 1 Conference room
- 1 construction lab
- 1 pattern making lab
- 1 audiovisual room
- 1 art room
- 1 classroom

The Courses Offered are- Under Graduate Diploma

1. Fashion Designing
2. Accessory Designing

Post Graduate Diploma

1. Garment Manufacturing Technology
2. Knit Wear Design Technology
3. Fashion Design Information Technology



Construction lab consists of ironing table (1.05 x .65 x .8m)

Working table (1.2 x 1.2 x 1m) Sewing machines (1 x .55x.76m) Button stitching machine

Pattern making lab consists of working table (1.5 x 1.2x .8m) Sewing machines

Fusing machine (1.5 x 1.2 x 1.2m)

Art room consists of working table (.75 x .6 x .75m)

Literature Study- NIFT, Chennai

The Garment Manufacturing Technology Department is situated on the second floor

It consists of-

- 2 class room
- 1 pattern-making lab
- 1 construction lab
- 1 audiovisual room
- 1 faculty room

Class room consists of chairs with the facility for writing and overhead projector with screen.

Construction lab consists of Sewing Machine (1.25 x .6x.76)

Ironing table (1.5x 1.x .75)

Button stitching machine Pattern making lab consists of working table (1.2 x 1.25 x .8m)

Ironing table and storage units

Accessory Design Department

The Accessory Design department is situated in ground floor.

It consist of-

Department of Information Technology Fashion design Information

Technology department is situated on first floor.

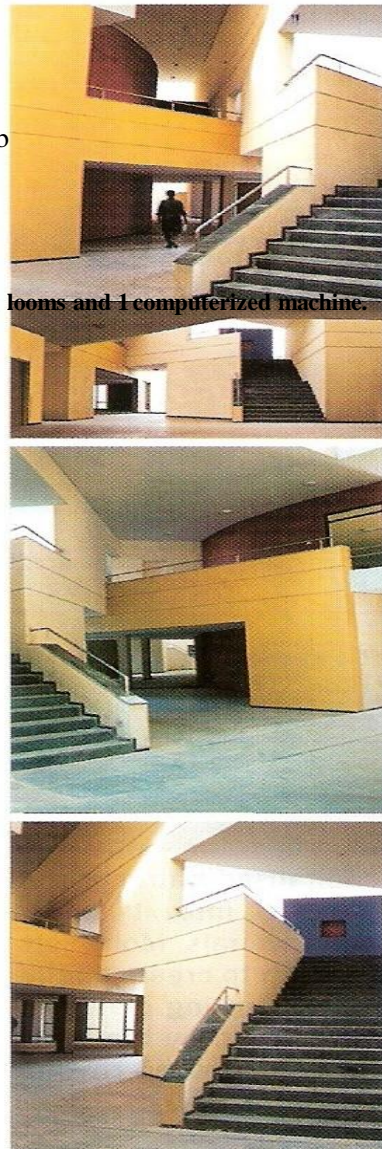
It comprises of-

- 1 faculty room
- 2 oration rooms
- 1 construction lab

The Knit wear Design and Technology department is situated on the ground floor. It comprises of-

- 1 Faculty room
- 1 construction lab
- 1 pattern-making lab
- 2 knitting lab
- 1 classroom

Knitting lab consists of knitting looms and 1 computerized machine.



Hostel

The hostel is two-storied building only for women. Each room caters for two people. The hostel has common toilet facility, which are situated in units in either sides. The hostel has two blocks i.e. east block and west block. There is a connecting bridge to the hostel and the academic block on the first floor.





Fig. 38 First floor of NIFT Chennai

FIRST FLOOR PLAN OF ACADEMIC BLOCK

HOSTEL BLOCK - GROUND FLOOR PLAN



Fig. 39 Hostel ground floor plan

TOILET
ROOM
STAIRCASE

AERIAL VIEW OF CAMPUS



Fig. 40 Aerial view of NIFT CHENNAI campus

ZONING

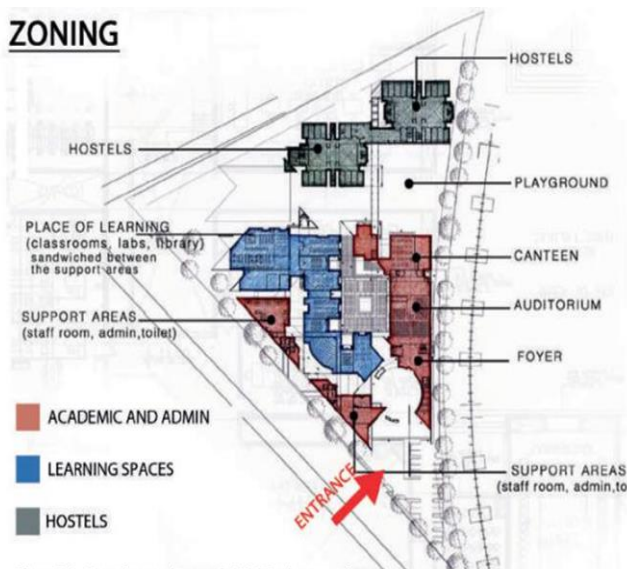


Fig. 31 Zoning plan of NIFT Chennai

CIRCULATION

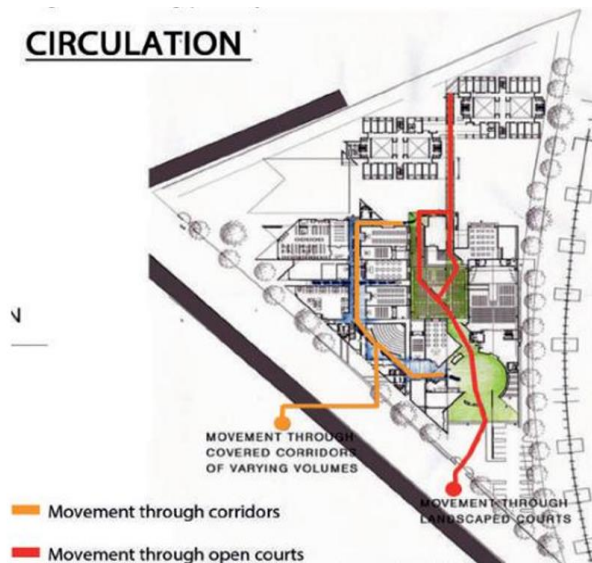
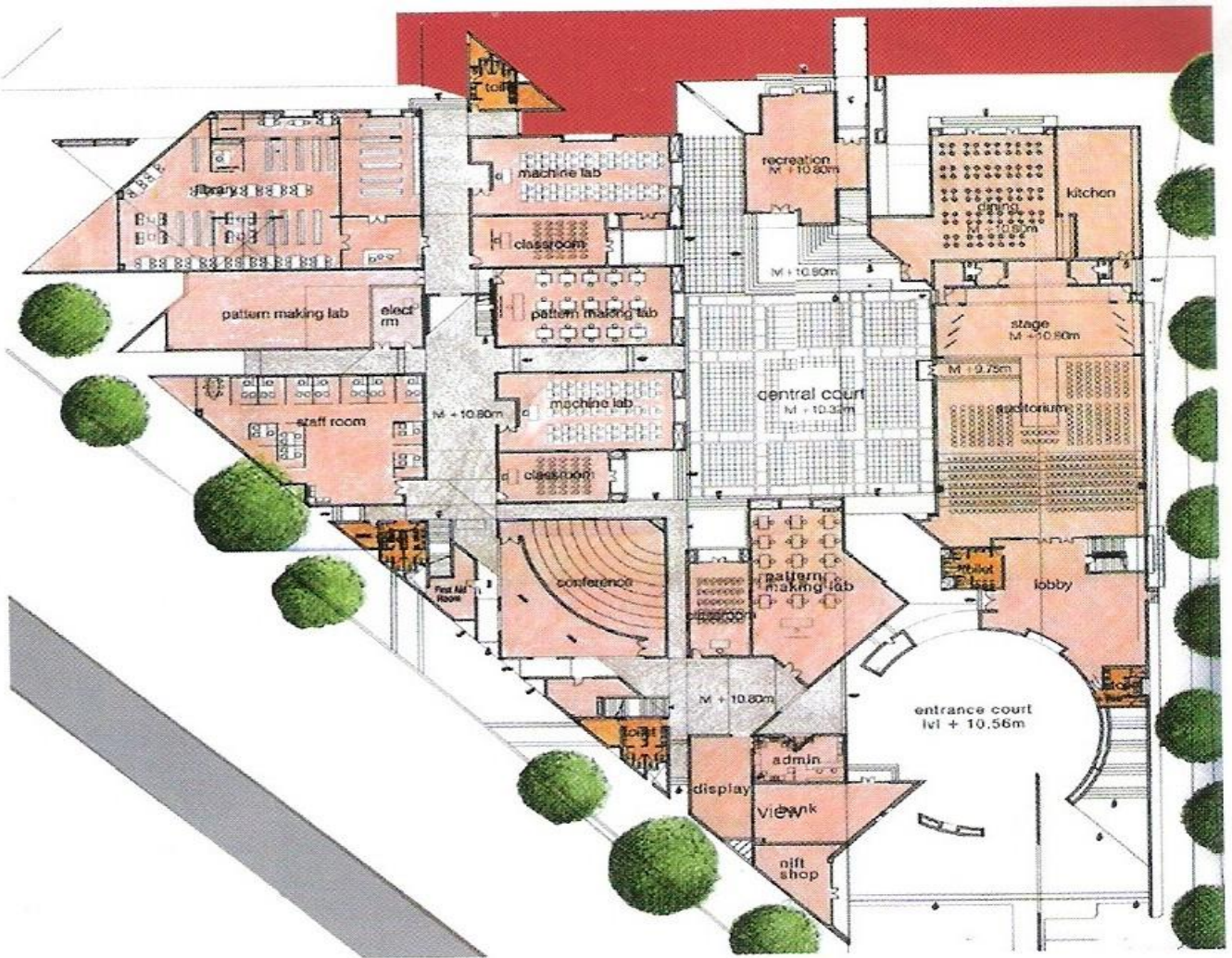


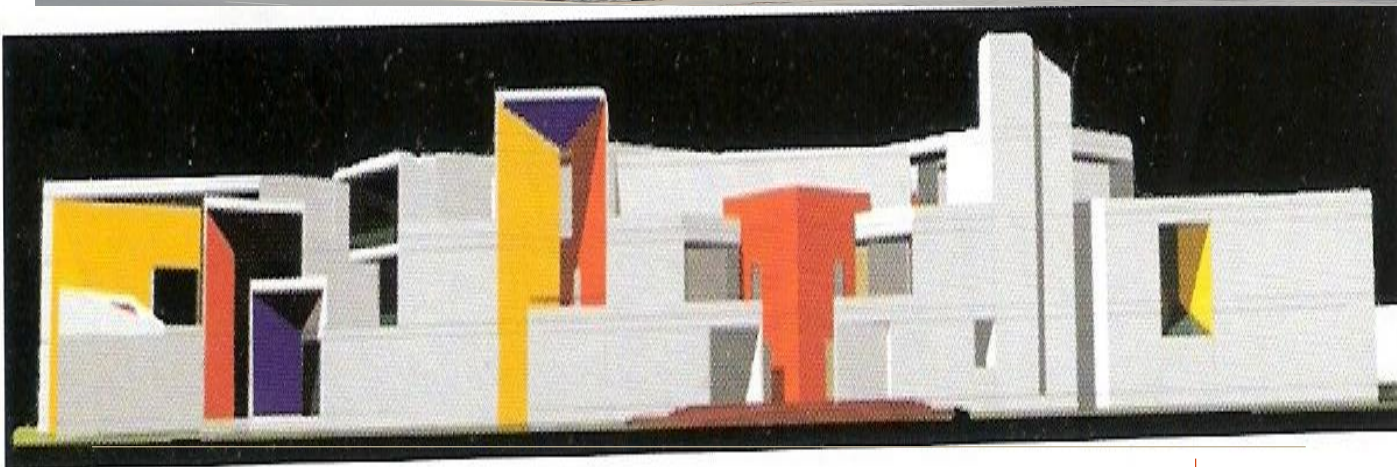
Fig. 32 circulation in NIFT Chennai

AREA PROGRAMME							
S.NO	SPACE	Occupancy (max)	User	Number	Area/unit	Total Area sqm	
1 ACADEMICS BLOCK							
1.1 DEPARTMENT OF FASHION DESIGN							
1.1.1	Department lobby		Common	1	60	60	
1.1.3	Class rooms			1	90	90	
1.1.4	Studios	140	Student	2	145	290	
1.1.5	Pattern making lab			1	170	170	
1.1.6	Special machine lab			1	225	225	
1.1.7	Faculty cabins	9 (student faculty ratio @ 1:15)	Faculty	9	9	81	
1.1.8	Office rooms			1	50	50	
TOTAL						966	
1.2 DEPARTMENT OF ACCESSORY DESIGN							
1.1.1	Department lobby		Common	1	60	60	
1.1.2	Class rooms			1	90	90	
1.1.3	Studios	140	Student	2	145	290	
1.1.4	Material lab			1	170	170	
1.1.5	Accessory lab			1	170	170	
1.1.6	Faculty cabins	9 (student faculty ratio @ 1:15)	Faculty	9	9	81	
1.1.7	Office rooms			1	50	50	
TOTAL						911	
1.3 DEPARTMENT OF TEXTILE DESIGN							
1.1.1	Department lobby		Common	1	60	60	
1.1.2	Class rooms/Art room			1	90	90	
1.1.3	Studios	140	Student	2	145	290	
1.1.4	Dyeing and Painting lab			1	225	225	
1.1.4	Weaving Machine lab			1	225	225	
1.1.6	Faculty cabins	9 (student faculty ratio @ 1:15)	Faculty	9	9	81	
1.1.7	Office rooms			1	50	50	
TOTAL						1021	

Literature Study- NIFT, Chennai



GROUND FLOOR PLAN



SECTION

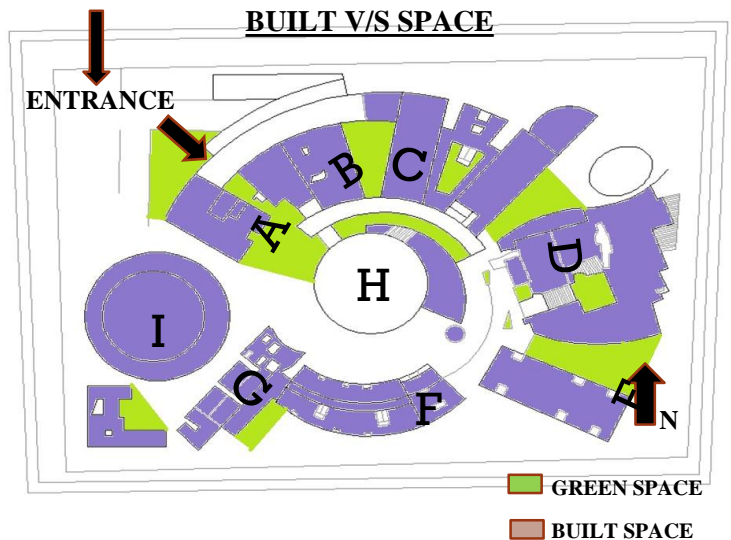
NATIONAL INSTITUTE OF FASHION TECHNOLOGY, BANGALORE

INTRODUCTION

- **Project :** NIFT, BANGALORE
- **Ownership :** Ministry of Textiles
- **Architect :** STUP Consultants Pvt. Ltd.
- **Site Area :** 4.5 acres
- **Cost :** 25 crore
- **Location :** C.A. Site # 21, Sector 1, 27th. Main, HSR
- **Year of completion :** 2001

CONCEPT

- This complex is based on frame structure – **circular module** has been followed.
- A **Golden spiral** is a logarithm spiral whose growth factor is “ ϕ ”
 - The Golden Ratio. That is a golden spiral gets wider (or further from its origin) by a factor of ϕ for every quarter turn it makes.



COURSES OFFERED

BACHELOR PROGRAMMES: B.Des – Design

- | | |
|-------------------------|----|
| • Fashion Design | 30 |
| • Accessory Design | 30 |
| • Textile Design | 30 |
| • Knitwear Design | 30 |
| • Fashion Communication | 30 |

BACHELOR PROGRAMME: B.F.Tech. – Technology

- | | |
|----------------------|----|
| • Apparel Production | 32 |
|----------------------|----|

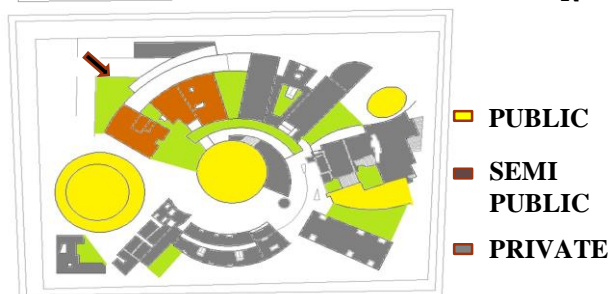
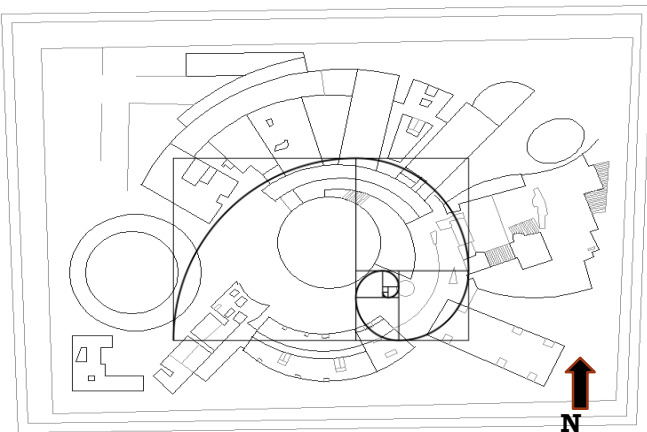
MASTER PROGRAMMES

- | | |
|---|----|
| • Master of Fashion Management (M.F.M) | 32 |
| • Master of Fashion Technology (M.F.Tech) | 31 |

KEY DISTANCES

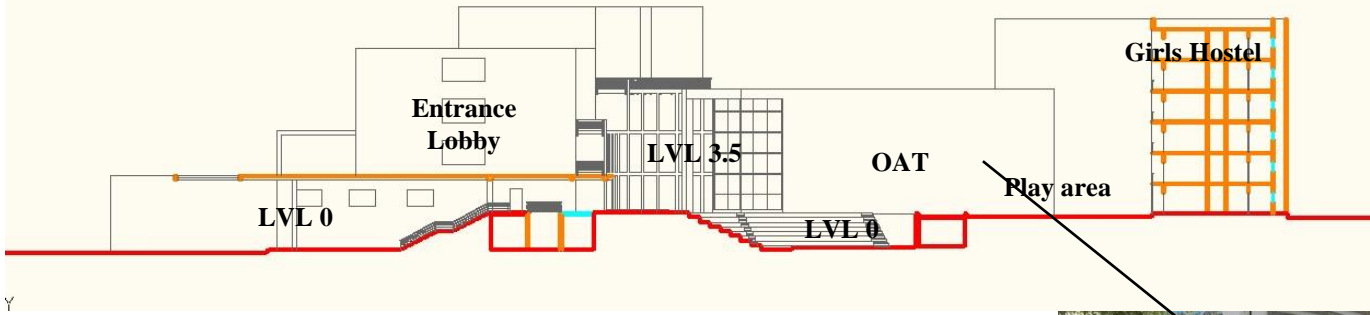
- Nearest bus stop – BBMP is at a distance of 400m.
- Bangalore Railway station is at a distance of 14.4 km

Radial planning of classrooms successfully segregate the private part from the public. The zoning is sensible in concern with the walking distance by putting all the academic section on one side of the oval and the girls hostel to the other side.



ZONING

SITE CONTOUR



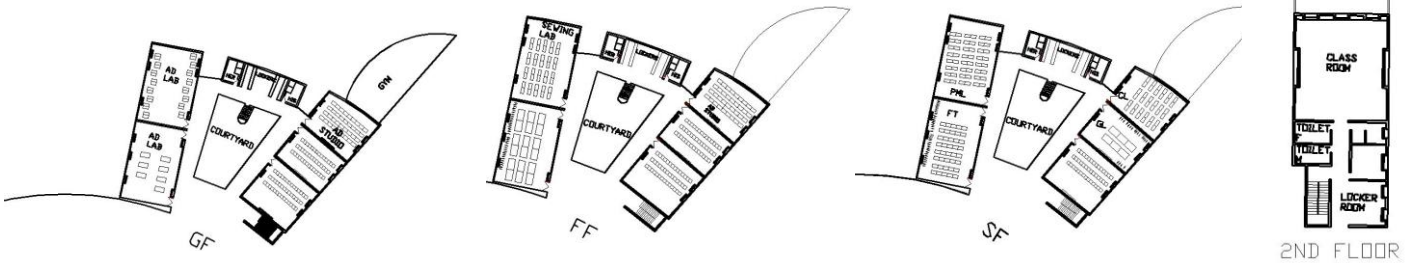
BLOCK A



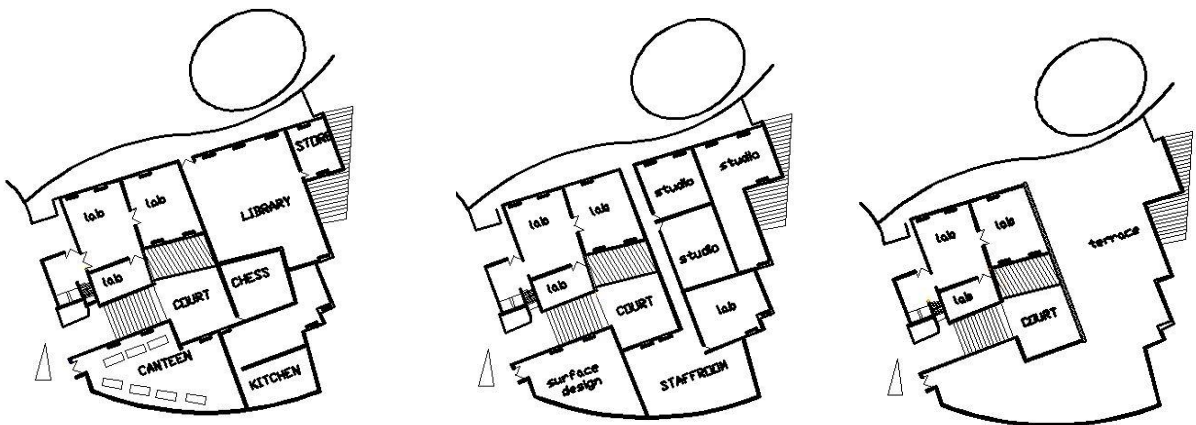
BLOCK B



BLOCK C



BLOCK D

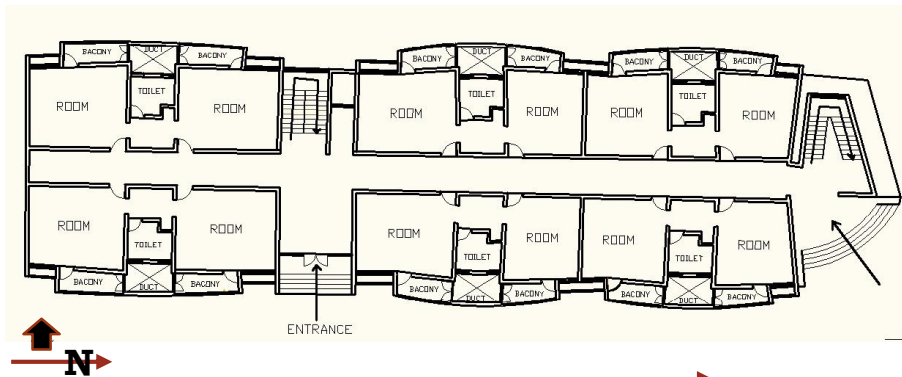


GROUND FLOOR

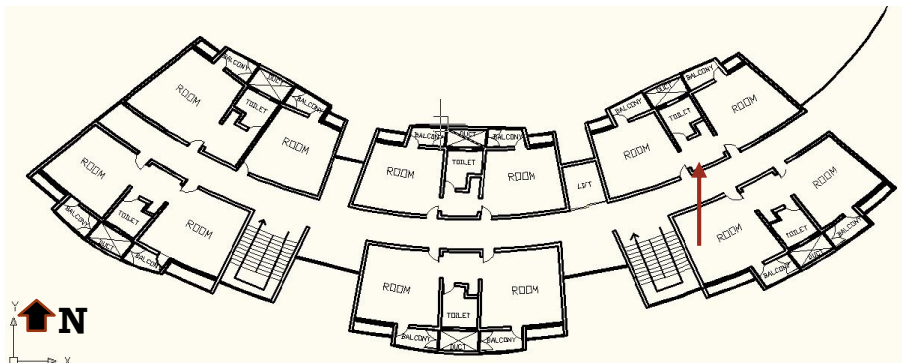
FIRST FLOOR

SECOND FLOOR

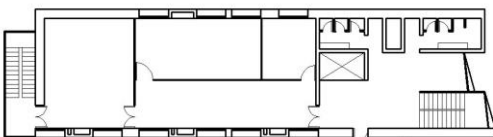
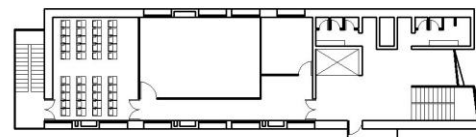
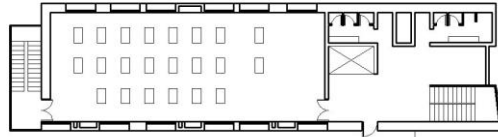
HOSTEL BLOCK F (G +5 SIMILAR FLOOR PLANS)



HOSTEL BLOCK F

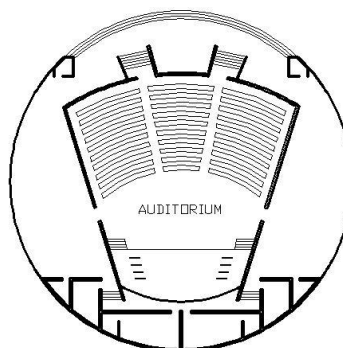


BLOCK G

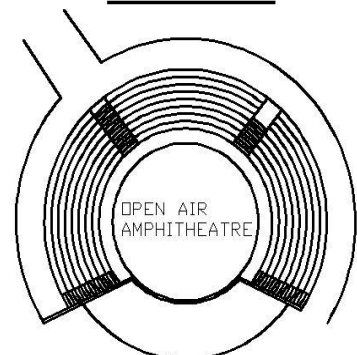


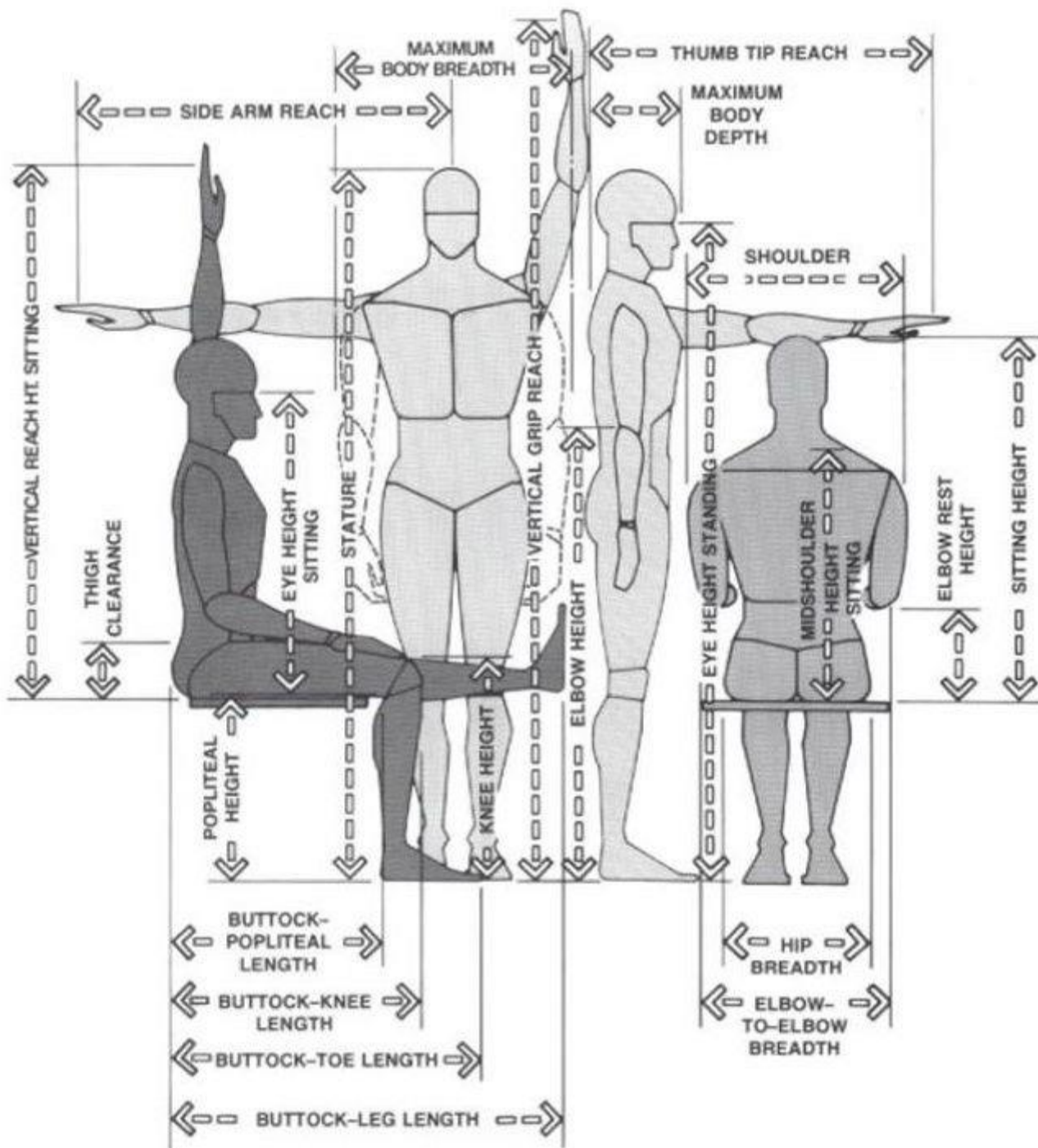
N

BLOCK H



BLOCK I





STANDARDS

AICTE NORMS

4.2.1 Instructional Area (Carpet Area) in m²

A. Engineering and Technology (Degree/ Diploma/ Post Diploma) Institution

	Number of Rooms required	Carpet Area in m ² per Room
Class Rooms	Total Number of Divisions@ x 0.75	66/33*
Tutorial Rooms ⁺	25% of total Classroom	33
Laboratory (for First Year) #	2 per Division Additional 2 Laboratories for Basic Sciences	66
Laboratory (other than First Year)\$	2 per Course per Semester**	66
Laboratory for Post Graduate	1 per Course	66
Workshop [#]	1	200
Computer Center [#]	1	150
Drawing Hall [#]	1	132
Seminar Hall	1 per 2 Under Graduate Courses	132
	1 per Post Graduate Department	66
	1 per Diploma Institution	132
Library ⁺⁺	1	400
Language Laboratory [#]	1	132

Of the Total Number of Classrooms required, at least ONE shall be a Smart Classroom per Department

@ Total Number of Divisions = (Number of Division/Year) X Duration of the Course

* For Post Graduate Programme

** For Courses having more than 2 Divisions, ONE Additional Laboratory for each Division need to be created

+ No Tutorial Rooms required for Post Graduate Courses

++ Additional Library area of 50m² per 60 Students beyond 300 Approved Intake

Drawing Halls, Computer Centres, Basic Science Laboratories and Workshops to be created as given below:

Intake	Computer Centre	Workshop	Drawing Hall	Basic Science Laboratories
Up to 300	1	1	1	2
301-600	2	2	2	4
Infrastructure Requirement shall be calculated on pro-rata basis for Intake greater than 600				

\$ Additional Laboratories to be created (if required) as per Curriculum of the concerned University/ Board

Under Graduate Laboratories if shared with Post Graduate Courses shall be upgraded to meet requirements of Post Graduate Curriculum

Research Laboratory is to be provided with an area of 120 m² for each Institution offering Post Graduate Courses

5.0 Norms for Books, Library facilities, Computer, Software, Internet, Printers and Laboratory Equipment for Technical Institution

5.1 Computers, Software, Internet and Printers

Programme		Number of PCs/ Laptop to student ratio (Min 20 PCs)	Legal System Software @	Legal Application Software **	LAN and Internet	Mail Server and Client	Printers including Color Printer (% of total number of PCs/ Laptops)
Engineering and Technology	Diploma	1:6	03	20	All	Desirable	5%
	Under Graduate	1:6					
	Post Graduate	1:4					
Pharmacy	Diploma	1:8	01	10	All	Desirable	5%
	Under Graduate	1:8					
	Post Graduate	1:6					
Architecture and Planning							
a. Architecture	Diploma	1:6	01	10	All	Desirable	5% [†]
	Under Graduate	1:6					
	Post Graduate	1:4					
b. Planning	Diploma	1:6	01	10	All	Desirable	5% [†]
	Under Graduate	1:6					
	Post Graduate	1:4					
Applied Arts and Crafts	Diploma	1:6	01	10	All	Desirable	5%
	Under Graduate	1:6					
	Post Graduate	1:4					
Hotel Management and Catering Technology	Diploma	1:6	01	10	All	Desirable	5%
	Under Graduate	1:6					
Management	Post Graduate	1:6	01	10	All	Desirable	5%
MCA	Post Graduate	1:4	03	20	All	Desirable	5%

[†]At least one printer to be A1 Size Color Printer/ Plotter

^{**} Includes Plagiarism checking Software

Internet speed required for the Institution

Approved Intake	Internet speed
up to 500	32 Mbps
501 – 600	48 Mbps
601 – 900	64 Mbps
901 – 1500	100 Mbps
> 1500	200 Mbps

At least 4Mbps Wi-Fi connectivity at 4 or 5 hotspots shall be made available.

Arrangement to view NPTEL/ SWAYAM etc. shall be made available.

- Utilization of Open Source Software shall be encouraged
- Secured Wi-Fi facility is highly recommended
- Purchase of most recent hardware is desired.



7.0 Norms for Faculty requirements and Cadre Ratio for Technical Institution

7.1 Diploma/ Post Diploma Programme

Programme	Faculty: Student based on Approved Intake	Principal/ Director	Head of the Department	Lecturer	Total
		A	B	C	D = A+B+C
Engineering and Technology/ Architecture/ Planning/ Applied Arts and Crafts/ Hotel Management and Catering Technology	1:25	1	1 per Department	(S/ 25) – (A+B)	S/25
Pharmacy	1:20	1	1 per Department	(S/ 20) – (A+B)	S/20
S ~ Sum of number of students as per “Approved Intake” at all years					

7.2 Under Graduate Degree Programme

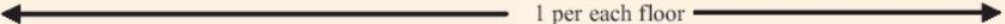
7.2 Under Graduate Degree Programme

Programme	Faculty: Student based on Approved Intake	Principal/ Director	Professor	Associate Professor	Assistant Professor	Total
		A	B	C	D	A+B+C+D
Engineering and Technology	1:20	1	$\frac{S}{20xR} - 1$	$\frac{S}{20xR} \times 2$	$\frac{S}{20xR} \times 6$	$\frac{S}{20}$
Pharmacy	1:15	1	$\frac{S}{15xR} - 1$	$\frac{S}{15xR} \times 2$	$\frac{S}{15xR} \times 6$	$\frac{S}{15}$
Architecture and Planning						
a. Architecture	1:16	1	$\frac{S}{16xR} - 1$	$\frac{S}{16xR} \times 2$	$\frac{S}{16xR} \times 6$	$\frac{S}{16}$
b. Planning	1:16	1	$\frac{S}{16xR} - 1$	$\frac{S}{16xR} \times 2$	$\frac{S}{16xR} \times 6$	$\frac{S}{16}$
Applied Arts and Crafts	1:10	1	$\frac{S}{10xR} - 1$	$\frac{S}{10xR} \times 2$	$\frac{S}{10xR} \times 6$	$\frac{S}{10}$
Hotel Management and Catering Technology	1:20	1	$\frac{S}{20xR} - 1$	$\frac{S}{20xR} \times 2$	$\frac{S}{20xR} \times 6$	$\frac{S}{20}$

S ~ Sum of number of students as per “Approved Intake” for all years, R = (1+2+6)

NBC NORMS(TOILET NORMS)

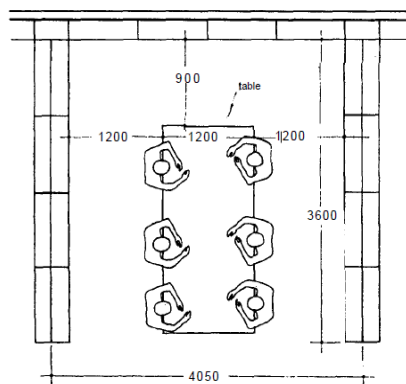
Table 11 Schools and Educational Institutions
(Clause 4.2.5.1)

Sl No.	Fixtures	Nursery School	Non-Residential		Residential	
			Boys	Girls	Boys	Girls
(1)	(2)	(3)	(4)	(5)	(6)	(7)
i)	Water closets	1 per 15 pupils or part thereof	1 per 40 pupils or part thereof	1 per 25 pupils or part thereof	1 per 8 pupils or part thereof	1 per 6 pupils or part thereof
ii)	Ablution tap	One in each water closet 1 water tap with draining arrangements shall be provided for every 50 persons or part thereof in the vicinity of water closets and urinals	One in each water closet	One in each water closet	One in each water closet	One in each water closet
iii)	Urinals	—	1 per 20 pupils or part thereof	—	1 per 25 pupils or part thereof	—
iv)	Wash basins	1 per 15 pupils or part thereof	1 per 60 pupils or part thereof	1 per 40 pupils or part thereof	1 per 8 pupils or part thereof	1 per 6 pupils or part thereof
v)	Bath/showers	1 per 40 pupils or part thereof	—	—	1 per 8 pupils or part thereof	1 per 6 pupils or part thereof
vi)	Drinking water fountain or taps	1 per 50 pupils or part thereof	1 per 50 pupils or part thereof	1 per 50 pupils or part thereof	1 per 50 pupils or part thereof	1 per 50 pupils or part thereof
vii)	Cleaner's sink					

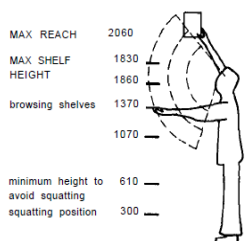
NOTES

- 2 For teaching staff, the schedule of fixtures to be provided shall be the same as in case of office building.

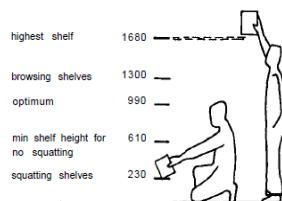
METRIC HANDBOOK(LIBRARY NORMS)



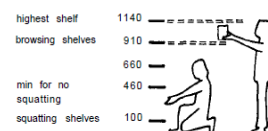
32.12 Recommended minima for open-access bookshelf areas arranged as alcoves containing reading tables



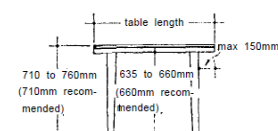
32.13 Optimum shelf heights for adults



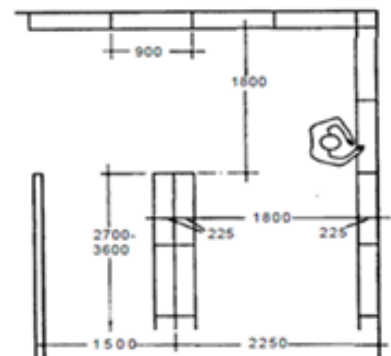
32.14 Optimum shelf heights for teenagers



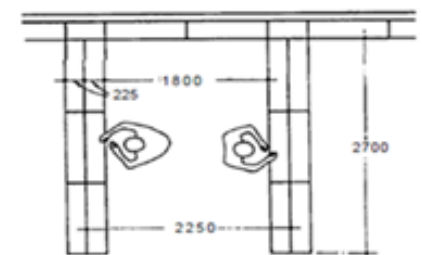
32.15 Optimum shelf heights for children



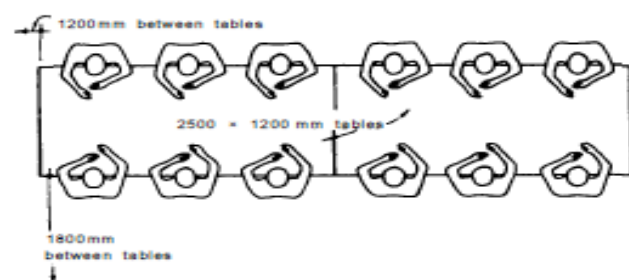
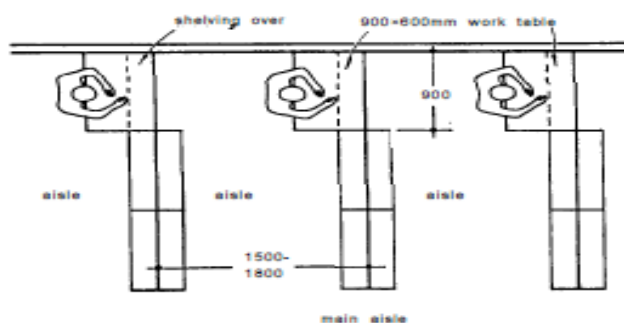
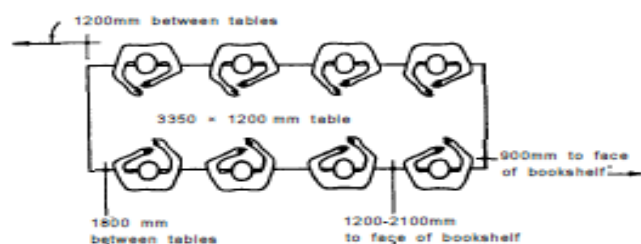
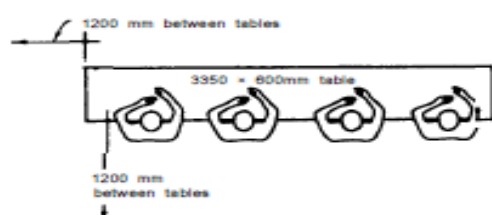
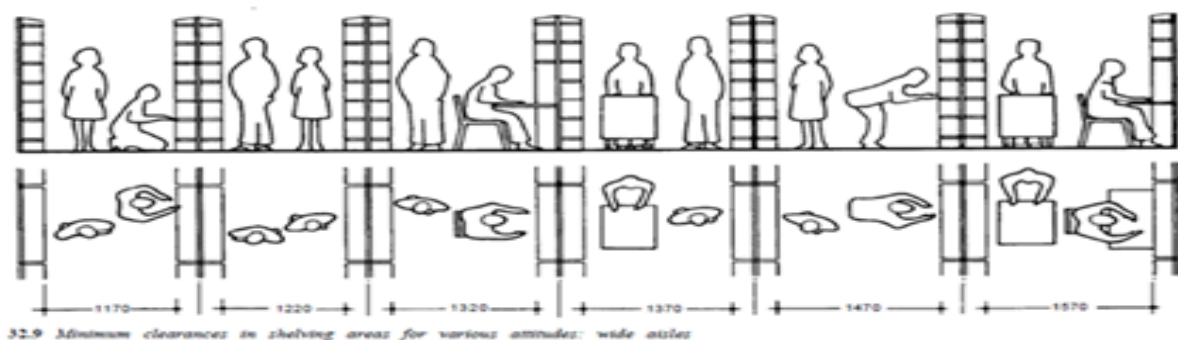
32.16 Reading table height for adults



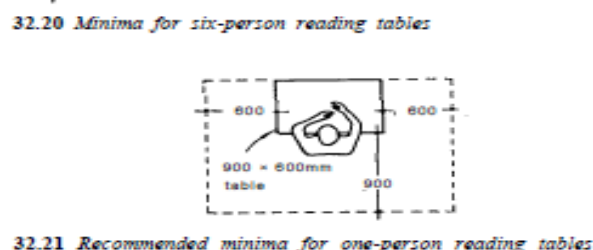
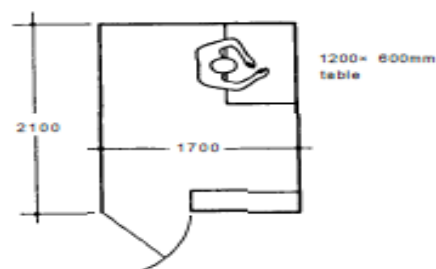
32.10 Recommended minima in open-access bookshelf areas



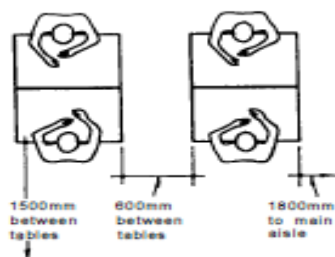
32.11 Recommended minima for open-access bookshelf areas arranged as alcoves



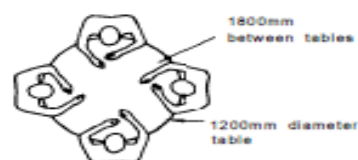
32.24 Arrangement for open carrels in bookshelf areas



32.25 Recommended single-person enclosed carrel

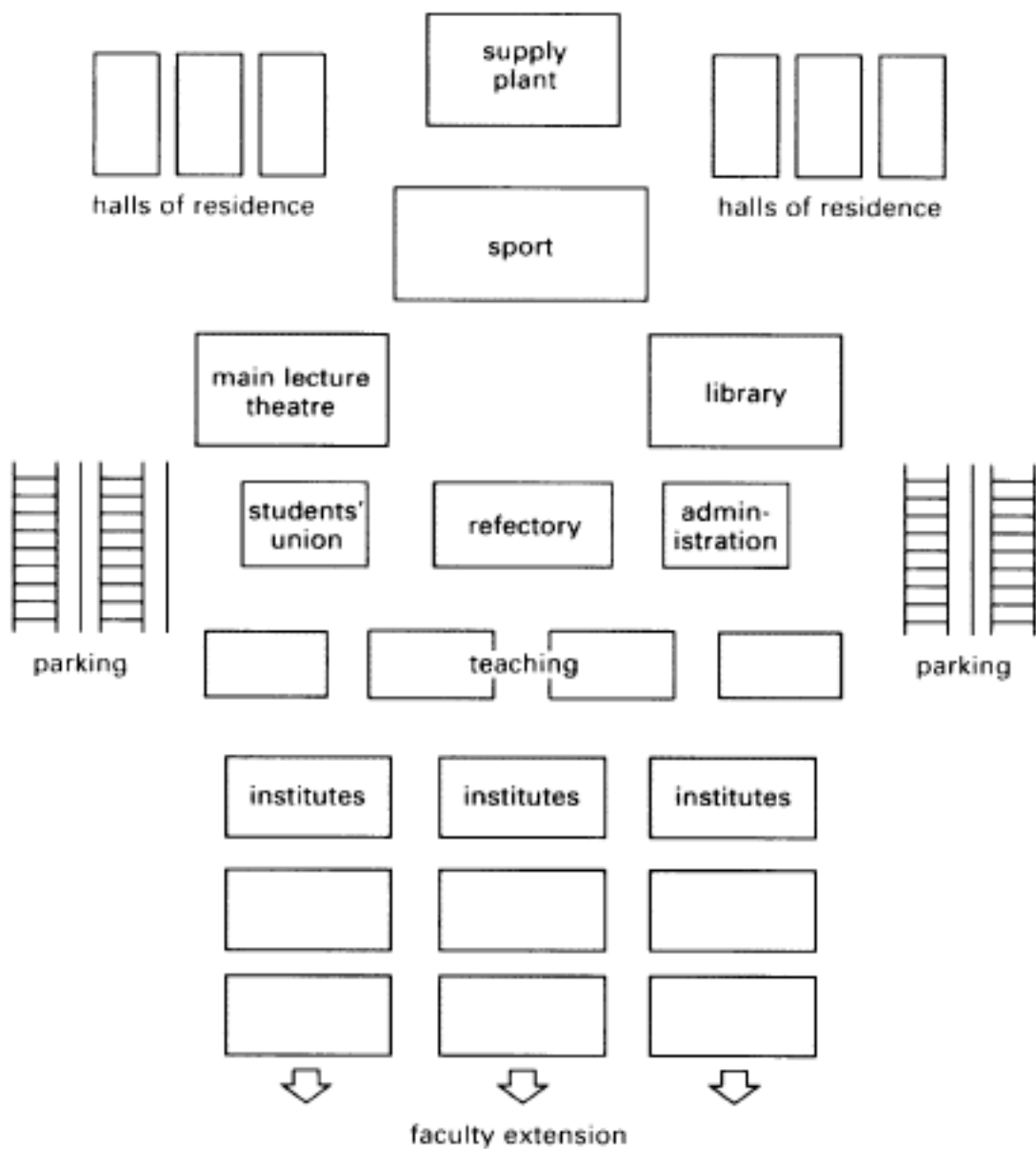


32.26 Reading table height for children



32.27 Round reading tables

- University layout**



① **Schematic layout of university facilities**

AUDITORIUM

Audiences: assessing demand:

An important element of a feasibility study is the assessment of demand for performing arts within the community that the facility is proposed to serve. The aim is to establish whether there are audiences for the proposal programme of use, and to define a catchment area from audiences are to be drawn. Assessment of the under consideration includes studies of:

- Population characteristics
- Transportation characteristics
- Potential audiences
- Local cultural traditions
- Existing provision
- Actual audiences
- Pilot scheme

Auditorium and stage/playing area:

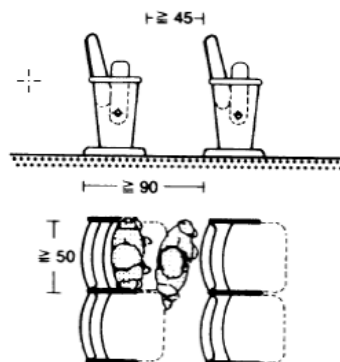
Seating capacity: In general, the maximum capacity of an auditorium depends on the format selected, and on audio and visual limitations set by the type of production. Other factors include levels, sightlines, acoustics, circulation and seating density, as well as size and shape of platform/stage.

Size of auditorium : An area of atleast 0.5sq.m. per spectator is to be used for sitting spectators. This number is derived from a seat width x row spacing atleast 0.45 sq.m. per seat, plus an additional minimum of 0.5m x 0.9m i.e., approximately 0.50 sq.m. per seat → (1).

Length of rows: A maximum of 16 seats per aisle → (3). 25 seats per aisle is permissible if one side exit door of 1m width is provided per 3-4 rows → (4).

Exits, Escape routes: 1m wide per 150 people (min. width 0.8m) → (3),(4).

Volume of the room: This is obtained on the basis of acoustic requirements (reverberation) as follows: playhouse approx. 4.5 cubic metre/spectator of air volume. For technical ventilation reasons, the volumes should be no less than these figures so as to avoid air changes which are too pronounced (draughts).



- ① All seats apart from boxes must have fixed, self-operating folding seats with the above minimum dimensions



AREA ANALYSIS

REQUIREMENTS

INTAKE PER COURSE			
COURSE	INTAKE	COURSE YEAR	TOTAL INTAKE
BACHELOR OF FASHION DESIGN	35	4	140
BACHELOR OF TEXTILE DESIGN	35	4	140
BACHELOR OF APPAREL DESIGN	35	4	140
MASTER OF FASHION DESIGN	35	2	70
MASTER OF FASHION TECHNOLOGY	35	2	70
MASTER OF FASHION MANAGEMENT	55	2	110
COMMON PROGRAMES			
NAME	QUANTITY	AREA(sq.m.)	TOTAL AREA
WORKSHOP	2	200	400
COMPUTER CENTRE	2	150	300
EQUIPMENT STORE/MATERIAL SHOP	1		
DRINKING WATER AREA			
TOILETS			
CENTRE FOR INDUSTRY, ARTISANS and CRAFTSMAN	371.6 sq.m.		
BACHELOR OF FASHION DESIGN			
NAME	QUANTITY	AREA(sq.m.)	TOTAL AREA
LECTURE HALL	1	33	33
SEMINAR HALL	1	132	132
FACULTY ROOM	1		
STUDIO cum CLASSROOM	4	135	540
LOUNGE	1	1	50
LABORATORY(pattern making & draping lab, condstruction lab)	8	66	528
BASIC SCIENCE LABORATORY	2	66	132
BACHELOR OF TEXTILE DESIGN			
LECTURE HALL	1	33	33
FACULTY ROOM	1		
SEMINAR HALL	1	132	132
ART ROOM			
STUDIO cum CLASSROOM	4	135	540
LOUNGE	1	50	50
CONFERENCE ROOM	1		
AUDIO-VISUAL ROOM	1		
LABORATORY(weaving,dyeing&printing lab)	8	66	528
BASIC SCIENCE LABORATORY	2	66	132
BACHELOR OF FASHION TECHNOLOGY			
LECTURE HALL	1	33	33
SEMINAR HALL	1	132	132
FACULTY ROOM	1		
STUDIO cum CLASSROOM	4	135	540
LOUNGE	1	50	50
LABORATORY(pattern making & draping lab, condstruction lab)	8	66	528
BASIC SCIENCE LABORATORY	2	66	132
MASTER OF FASHION DESIGN			
LECTURE HALL	1	33	33
FACULTY ROOM	1		
SEMINAR HALL	1	66	66
STUDIO cum CLASSROOM	4	135	540
LOUNGE	1	50	50
LABORATORY	1	66	120
MASTER OF FASHION TECHNOLOGY			
FACULTY ROOM	1		
LECTURE HALL	1	33	33
SEMINAR HALL	1	66	66
STUDIO cum CLASSROOM	4	135	540
LOUNGE	1	50	50
LABORATORY	1	66	120
MASTER OF FASHION MANAGEMENT			
FACULTY ROOM	1		
LECTURE HALL	1	33	33
SEMINAR HALL	1	66	66
STUDIO cum CLASSROOM	4	135	540
LOUNGE	1	50	50
LABORATORY	1	66	120
AMPHITHEATRE			
SEATING			
CATWALK RAMP			
AUDITORIUM BLOCK			
AUDITORIUM	1300 sq.m.		
ENTRANCE FOYER			
STAGE			
VIP LOUNGE			
INSTRUMENT AREA			

GREEN ROOM			
HE/SHE TOILET			
STORE			
NIFT's DESIGNER SHOP	93 sq.m.		
CANTEEN BLOCK			
CANTEEN	743 sq.m.		
ENTRANCE LOBBY			
RECEPTION			
INDOOR SEATING			
OUTDOOR SEATING			
KITCHEN			
STORE			
PANTRY			
WASHING AREA			
TOILET			
GYMNASIUM	92.9 sq.m.		
MEDICAL and PSYCOLOGIST's (counsellor)room	46.45 q.m.		
RESOURCE CENTRE BLOCK			
RESOURCE CENTRE cum IT centre	743.2 sq.m.		
DESIGN STUDIO and HANDICRAFTS/HANDLOOM MUSEUM	743.2 sq.m.		

REQUIREMENT

S.No.	Functional Area Description	Approx. Carpet Area(sq.m.)	Nos.	Approx. Total Carpet Area(sq.m.)
ACADEMIC BLOCK				
1	School of Design	2452.6	1	2452.6
2	School of Fashion Technology and Management	2229.7	1	2229.7
3	Centre for Languages, Humanities, Basic & Social Sciences	371.6		371.6
4	Centre for Industry, Artisans and Craftsmen Interface	371.6	1	371.6
5	UPS, Electrical, Generator, Utility, Server room	46.45	1	46.45
		TOTAL		5471.95
Total Plinth Area including Circulation, Walls and Toilets @ 30%				7113.6
ADMINISTRATIVE BLOCK				
1	Director's Office (including Rest room and wash room)	74.3	1	74.3
2	Director's PA Room	23.2	1	23.2
3	Waiting Lounge	27.9	1	27.9
4	Meeting Hall(50-60 seater)	185.8	1	185.8
5	Jt. Director's Office (including Rest room and wash room)	46.45	1	46.45
6	Jt. Director's PA Room	13.9	1	13.9
7	Waiting Lounge	18.6	1	18.6
8	Accounts Section	46.45	1	46.45
9	Administration Section	46.45	1	46.45
10	COE Section	46.45	1	46.45
11	Storage	185.8	1	185.8
12	Faculty Space & Cabins	11.1	45	499.5
13	Faculty Lounge	139.6	1	139.6
14	Dept. offices	23.2	6	139.2
15	Reception plus waiting lounge	185.8	1	185.8
16	UPS, Electrical, Generator, Utility room	46.45	1	46.45
		TOTAL		1725.85
Total Plinth Area including Circulation, Walls and Toilets @ 30%				2246.4

CANTEEN BLOCK				
1	Canteen	743.2	1	743.2
2	Gymnasium	92.9	1	92.9
3	Medical and Psychologist's(counsellor) room	46.45	1	46.45
TOTAL				882.55
Total Plinth Area including Circulation, Walls and Toilets @ 30%				1147.4
HOSTEL BLOCK				
1	Hostel (Boys) - 3 seater	20.5	28	574
2	Hostel (Boys) - 3 seater	20.5	84	1722
3	Hostel (Boys) - Single Unit	11.1	84	932.4
4	Hostel (Girls) - Single Unit	11.1	250	2775
5	Common Room - Boys	140	1	140
6	Common Room - Girls	140	1	140
7	Warden's Room, Waiting Area, Sick Room, Pantry, Wash - Boys & Girls	93	2	186
8	UPS, Electrical, Generator, Utility room - Boys & Girls	46.45	2	92.9
9	Recreation Room - Indoor Games	232.3	1	232.3
TOTAL				6794.6
Total Plinth Area including Circulation, Walls and Toilets @ 30%				8843.1
AUDITORIUM BLOCK				
1	Auditorium	1300.6	1	1300.6
2	NIFT's Designer Shop	93	1	93
TOTAL				1393.6
Total Plinth Area including Circulation, Walls and Toilets @ 30%				1811.6
RESOURCE CENTRE BLOCK				
1	Resource Center	743.2	1	743.2
2	Design Studio and Handicrafts/Handloom Museum	743.2	1	743.2
TOTAL				1486.4
Total Plinth Area including Circulation, Walls and Toilets @ 30%				1932.4

DESIGN CONCEPT

- The main concept of designing the NIFT building was to provide separate spaces to every blocks namely ADMINISTRATIVE BLOCK, ACADEMIC BLOCK, CANTEEN BLOCK, RESOURCE CENTRE but also they are connected to each other forming a part of the building like human body which is complete only by all the body parts altogether.

- The ACADEMIC BLOCK consists of 6 departments of Under-graduate and Post-graduate courses namely :
 - Bachelor of Textile Design Bachelor of
 - of Fashion Design Bachelor of
 - Fashion Technology Master of
 - Fashion Technology Master of
 - Design
 - Master of Fashion Management

For Academic block I separated each course vertically forming G+4 floors. The floors are as follows:

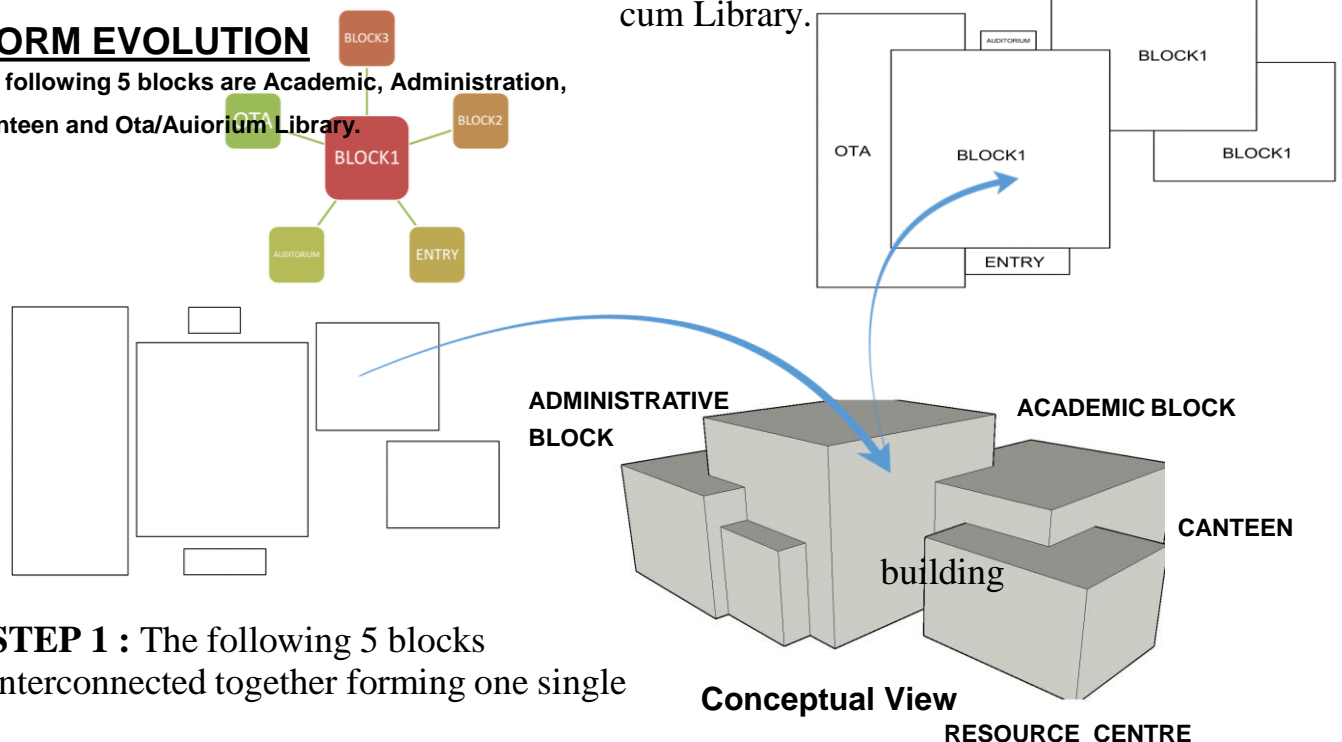
- | | |
|---|----------------|
| ▪ Bachelor of Fashion Design | - Ground Floor |
| ▪ Bachelor of Textile Design | - First Floor |
| ▪ Bachelor of Fashion Technology | - Second Floor |
| ▪ Master of Design & Fashion Technology | - Third Floor |
| ▪ Mater of Fashion Management | - Fourth Floor |

- Courtyard Planning is done for proper ventilation and Lighting.

FORM EVOLUTION

The following 5 blocks are Academic, Administration, Canteen and Ota/Auitorium Library.

STEP 1 : The following 5 blocks are Academic, Administration, Canteen and Resource centre cum Library.



STEP 1 : The following 5 blocks interconnected together forming one single

Conceptual View

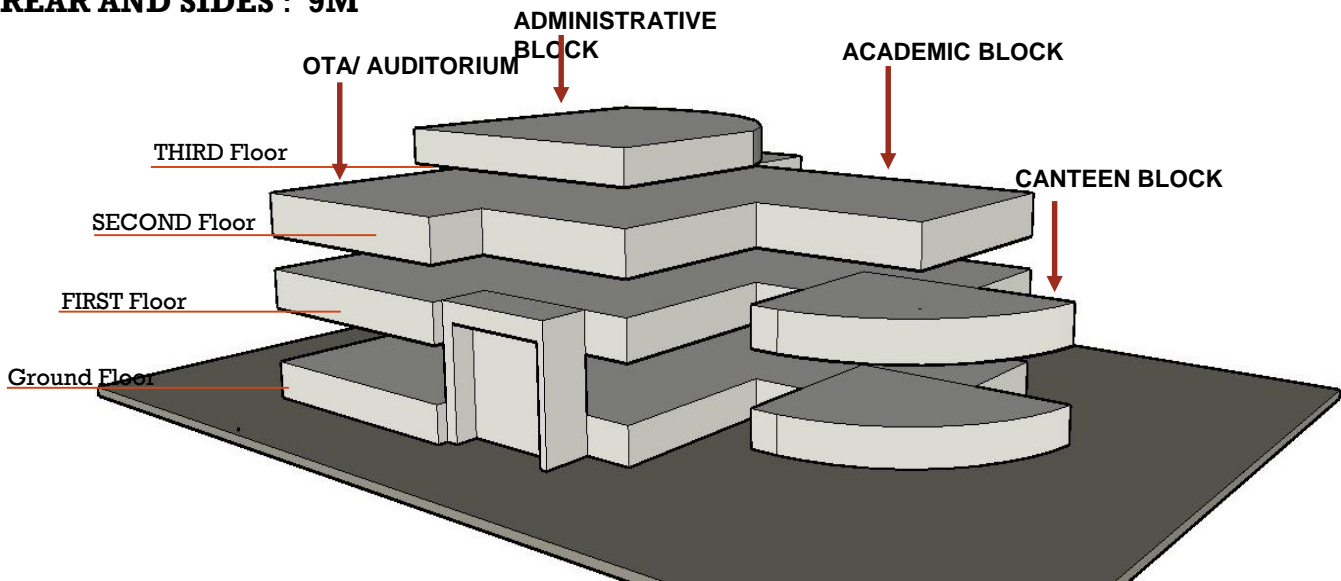
RESOURCE CENTRE

REQUIREMENT :-

F.A.R : 2
PARKING : 1 E.C.S / 100 SQ.M. OF FLOOR
AREA
GROUND COVERAGE : 35%
= 25495.5 SQ.M

**SET BACKS : FRONT : 15M
REAR AND SIDES : 9M**

AREA ANALYSIS
SITE AREA : 72843.1SQ.M



ENTRANCE LOBBY



CANTEEN



DESIGNING FEATURE



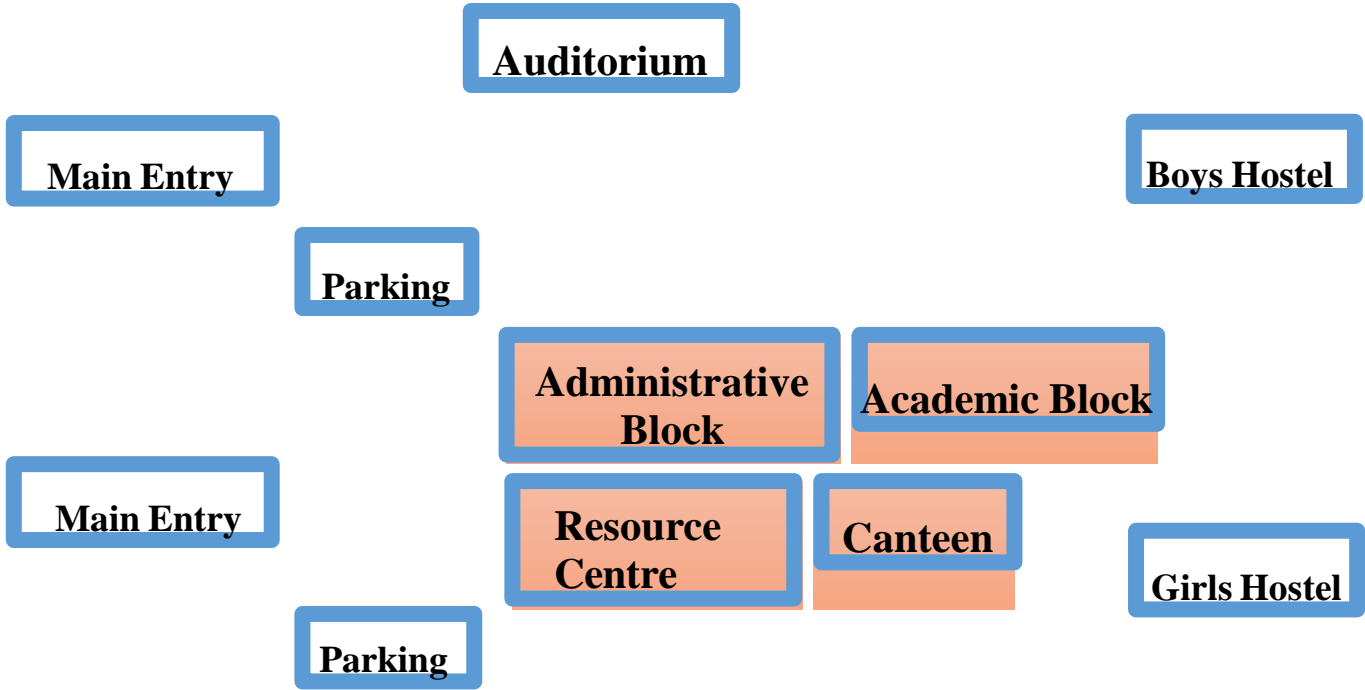
AMPITHEATRE



FOUNTAIN

ZONING

HORIZONTAL STACKING



VERTICAL STACKING

ACADEMIC BLOCK

ACADEMIC BLOCK

- Bachelor of Fashion Design - Ground Floor
- Bachelor of Textile Design - First Floor
- Bachelor of Fashion Technology - Second Floor
- Master of Design & Fashion Technology - Third Floor
- Mater of Fashion Management - Fourth Floor

RESOURCE CENTRE

