

**REPORT OF THE VISION PLAN
COMMITTEE FOR ESTABLISHMENT OF
A NEHU CAMPUS AT JOWAI
2003-2016**

NORTH-EASTERN HILL UNIVERSITY

**Prepared by
VISION PLAN COMMITTEE**

VISION PLAN FOR NEHU JOWAI CAMPUS 2003-2016

1.0. PREAMBLE

The Jowai Campus of the North-Eastern Hill University is proposed to be established as part of the University's commitment to bring higher education to the doorsteps of the people residing in the hilly regions of North Eastern India in general and Jaintia Hills in particular. The main objective is to create new avenues for acquiring knowledge, which would in turn generate more manpower for the betterment of the socio-economic condition of the people in the area.

This Campus will not duplicate the existing disciplines offered in Shillong and Tura Campuses, but will supplement and re-enforce academic activities in those Campuses. The emphasis here shall be on non-traditional, job-oriented professional courses.

In this direction, the Jowai Campus may emerge as a leading centre for the entire North East Region for providing courses to the students, which will help them to find employment and to establish careers independently. By offering professional courses in emerging areas, the departments in this Campus can be mostly self-supporting. Most of the courses can be five years integrated (3 years degrees and 2 years post-graduate) in line with Pune, Bangalore and some other universities.

This Campus will fulfill the aspiration of the people to a great extent and also provide academic future for the various tribes and communities. It has, therefore, become necessary to draw up a long-term plan for establishing the Jowai Campus.

While drawing up the plan the following have been kept in mind:

- a) The projected needs and employment opportunity
- b) The available resources
- c) The need to avoid duplication of the existing departments in the university
- d) The need to develop, as far as possible, disciplines which would accelerate the rate of development in North East Region, including Meghalaya.

Phase I: will start with the appointment and placement of a skeleton staff. The other major activities would be land development and construction of academic and administrative buildings.

Phase II: Some academic departments and other infrastructural facilities will be created in the course of one year.

Phase III: Additional academic departments and other facilities that are visualized for the period of the Xth Five-Year Plan will be set up.

Phase IV: New academic departments and other facilities that are visualized for the XIth Five-Year Plan will be created.

Phase V: Other new academic departments, the plan for expansion as visualized for XIIth Five-Year Plan will be set up.

Phase VI: The expansion of earlier department and infrastructure visualized for the XIIIth Plan will be undertaken.

1.1. JAINTIA HILLS

Jowai is the district headquarters of Jaintia Hills. Historically, Jaintia Hills formed part of the Jaintia kingdom which included the areas in the plain now known as Jaintia Parganas in the Sylhet District of Bangladesh, with its

capital then located at Jaintiapur in the Jaintia Parganas. On the Assam side, the bordering chieftaincies of Kholá, Neli, Dimarua etc. in the Brahmaputra valley were at times under the sovereignty of the Jaintia kings. According to Edward Gait the earliest Jaintia Raja reigned from about 1500 A.D. and the Jaintia kingdom was, therefore, formed on or before that time. The first known Raja was Parvat Roy. The last king was Rajendra Singha (1832-1835 A.D.).

The district of Jaintia Hills covers an area of 3819 sq.km. It is bounded by Karbi Anglong district of Assam on the South by Bangladesh, on the East by North Cachar Hills district of Assam and on the West by East Khasi Hills district. The whole of the district is composed of hilly areas. On the northern and western borders, these hills take the form of tumbled ranges, which run for the most part north and south and have a general height of two to three thousand feet above the sea level. The total population of the district is 2,95,694 and literacy 53 per cent.

Besides flat valley lands for agriculture, abundant coal and limestone are found and exploited by private parties. Coal mining activity is an important economic activity of the people. Commercialization is taking place in a big way. The famous reserved forest Narpuh, tourism centers Nartiang and Thadlaskein Lake are located within the Jaintia Hills district.

Jowai is the only town of the district. It is 64 km. away from Shillong. It has an all weather road connecting Shillong with Jowai, and then Jowai-Haflong, the headquarter of the North-Cachar Hills district. The other roads connected are Badarpur NH 47, Lama Borghat, Dawki-Muktapur road, Silchar, Aizawl. Jowai-Badarpur road merges with the highways to Agartala, Silchar, Aizawl and Imphal.

1.2. BACKGROUND

A committee was formed (vide Notification No.AC:67-4/Conf./2002 dt. 7th August 2002 in pursuance of the Resolution No.AC:67:2002:6:6(ix) adopted in 67th Meeting of the Academic Council, NEHU, held on 13-14 June 2002 to examine the matter and submit a feasibility report on the "Establishment of a NEHU Campus at Jowai" with Prof. Henry Lamin (Chairman), Dr. D.R. Syiemlieh, Dr. Surendra Singh and Dr. Nikhlesh Kumar as members. The committee recommended the establishment of the Jowai Campus and also studied the facilities available at the proposed site at Moodymmai, which is going to be available for the Campus. The Report of the committee was accepted by the A.C.

2.0. PHASE I: Xth PLAN

2.1. INFRASTRUCTURE FOR XTH FIVE-YEAR PLAN

2.1.1. Skeleton Staff

Initially, the Campus needs a skeleton staff for pursuing any work that could come up in the campus:

1. Pro-Vice-Chancellor	.....	1
2. Deputy Registrar	.....	1
3. Assistant Registrar	.....	1
4. Section Officer	.....	2
5. LDC, UDC, Grade IV	.....	5

2.1.2. Infrastructure

1. Land development
2. Boundary fencing
3. Approach road
4. Academic buildings

5. Administrative buildings
 6. Hostels for boys and girls
 7. Furniture and equipments.
1. Fencing the boundary of the Campus approximate length 3 kms.
 2. Land development and link road within the campus.
 3. Academic building for 6 departments having 18 lecture halls of 50 seating capacity each plus 1(one) common Seminar Hall of 150 seating capacity.
 4. Health Centre
 5. Administrative building, etc.
 - i. PVC's chamber attached with Toilet room, P.S. room and office room.
 - ii. PVC's conference room.
 - iii. Deputy Registrar chamber attached with Toilet room, P.A.'s room (including personal staff).
 - iv. Office rooms (6 tables-room)
 - a) Administrative section
 - b) Establishment section
 - c) Finance and Account section attached with Cashier room
 - d) Academic section
 - e) Examination section
 - v. PVC's bungalow with annex quarter one ach for kitchen, staff, driver and chowkidar attached to PVC.
 - vi. Library building for 6 Departments
 - a) 2 Nos. of Halls size 40' x 26'
 - b) 1 No. of Hall size 26' x 15'
 - c) 7 Nos. of rooms size 14' x 11'

- vii. Store rooms (Big size)
 - a) Store room for administration
 - b) Store room for examination.
- viii. Hostels – 2 Nos. – one for boys, one for girls of 50 each capacity along with Warden's Quarter one each.
- ix. First of Health Clinic.

6. Other facilities:

- i. Reprographic room (small size for Xerox and cyclostyle)
- ii. Chowkidar's room (small size)
- iii. Bank (2 rooms)
- iv. PCO
- v. Post Officer (2 rooms)
- vi. Open shade for 5 cars for administrative building
- vii. Canteen
- viii. Mini shopping complex (5 shops)
- ix. Proper water supply with big overhead water tank
- x. Drinking well
- xi. Power sub-station
- xii. Ring road
- xiii. Teachers' Quarters – 24 Nos. (12 'P' type 12 'L' type).

7. A. Non-Teaching Staff Quarters for essential services (10 Nos.)

i.	Medical doctor	-	1
ii.	Nurse	-	1
iii.	Electrician	-	1
iv.	Plumber	-	1
v.	Safaiwala	-	2
vi.	Chowkidar	-	2
vii.	Driver	-	2

B. Non-Teaching Staff Quarters (10 Nos.)

i.	Deputy Registrar	-	1
ii.	Assistant Librarian	-	1
iii.	Section Officers	-	2
iv.	Group 'B' staff	-	2
v.	Group 'C' staff	-	2
vi.	Group 'D' staff	-	2

8. Vehicles

i.	Bus (52 seaters)	-	1
ii.	Light vehicle for PVC	-	1
iii.	Examination	-	1
iv.	Pool	-	1

9. Centre for Computing facilities with 10-15 computers (including one server) on LAN and with Internet connectivity.

10. Administrative Staff Requirement

1.	Deputy Registrar	-	1
2.	System Manager	-	1
3.	Security Officer	-	1
4.	Assistant Registrar	-	1
5.	Section Officer	-	2
6.	Assistant	-	2
7.	Personal Assistant	-	1
8.	Stenographer	-	1
9.	U.D.C.	-	5
10.	L.D.C.	-	5
11.	Xerox Operator	-	1
12.	Drivers	-	5
13.	Chowkidar	-	7

14.	Peon	-	5
15.	Cleaner cum Safaiwala	-	7
16.	Bus conductor	-	2
17.	Cook for Hostel	-	4
18.	Cook for Quest House	-	2
19.	Kitchen attendant	-	4
20.	Mali	-	2
11. <u>Staff requirement for Library</u>			
21.	Deputy Librarian	-	1
22.	Assistant Librarian	-	1
23.	Semi Professional Assistant	-	2
24.	L.D.C.	-	2
25.	Library Attendant	-	3
26.	Xerox Operator	-	1
27.	Gate Keeper	-	2

2.2. ACADEMIC DEVELOPMENT

2.2.1. Department of Law

The Jowai Campus must start with a Department of Law, which has already been proposed by the University in the Xth Five-Year Plan. This Department may start with 5-year L.L.B. programme, followed by 2 years L.L.M. programme. The five year L.L.B. programme is still missing in North-East, although, it has become a pattern, as desired by the Bar Council of India in other parts of the country.

1.	Student enrolment	-	40
2.	Faculty Positions		
	Professor	-	1
	Reader	-	2
	Lecturer	-	3

- | | | | |
|----|-----------------------|---|---|
| 3. | Office Staff | | |
| | L.D.C. | - | 1 |
| | Peon | - | 1 |
| | Steno | - | 1 |
| 4. | Books | | |
| 5. | Journals | | |
| 6. | Financial requirement | | |
| | Teachers' salary | | |
| | Staff salary | | |
| | Teaching aids | | |
| | Furniture | | |

2.2.2. Department of Microbiology

The North-Eastern Region is extremely rich in microbial diversity but unfortunately, as per the National Bio-diversity and Action Plan (NBSAP) report, not much is known so far about the diversity of various kinds of microbes, which occur in this region. This is one of conspicuous gaps in our knowledge of biology. It may be mentioned that several microbes are being used in bio-technology and many more which might have strong potential for application in the various fields of bio-technology are perhaps yet to be identified and studied. Furthermore, the microbes are linked with many industrial activities particularly those related to dairy and food technology and they have a strong bearing on eco-system functioning, and so their study assumes great significance. In order to give a desired level of thrust, to the study of micro-organisms, it is proposed that a separate Department of Microbiology be established at NEHU.

1.	Student enrolment	-	20
2.	Faculty position:		
	Professor	-	1
	Reader	-	2
	Lecturer	-	3
3.	Office Staff:		
	L.D.C.	-	1
	Peon	-	1
4.	Books and Journals		
5.	Furniture		
6.	Financial requirement:		
	Teacher salary		
	Staff salary		

2.2.3. Department of Management

This department was sanctioned some years back by the UGC for Nagaland Campus but it did not take off. It is felt that Jowai Campus should be ideal for starting the Business Administration programme considering the location of the Campus and the commercial importance of the area. The Department of Management can offer a 3 years B.B.A. programme, to be followed by 2 years M.B.A. programme. The proposed Department would have the following structure:

1.	Student enrolment	-	25
2.	Faculty positions:		
	Professor	-	1
	Reader	-	2
	Lecturer	-	3

3.	Office Staff:		
	Steno	-	1
	LDC	-	1
	Peon	-	1
4.	Books		
5.	Journals		
6.	Financial requirement:		
	Teacher salary		
	Office staff salary		
	Teaching aid		
	Furniture		

3.0. PHASE II: XIth PLAN

3.1. INFRASTRUCTURE FOR XIth PLAN

3.1.1. Administrative Staff requirement

1.	Deputy Registrar	-	1
2.	Assistant Registrar	-	2
3.	System Manager	-	1
4.	Section Officer	-	1
5.	Assistants	-	2
6.	Personal Assistant	-	1
7.	Stenographer	-	1
8.	U.D.C.	-	5
9.	L.D.C.	-	3
10.	Driver	-	4
11.	Bus conductor	-	2
12.	Chowkidar	-	5
13.	Cleaner	-	5

14.	Cook for Hostel	-	4
15.	Kitchen attendant	-	4
16.	Mali	-	2

3.1.2. Infrastructure

1. Academic buildings for 6 Departments (including 2 Science Departments), and 10 faculty members, strengthening each department. Open shades for 20 cars for six department and 4 laboratories for each Science Department.
2. Lecturer complex for 6 Departments (having 18 lecture halls for 50 seating capacity each and one common seminar hall of 150 seating capacity).
3. Teachers' Quarters – 40 Nos. (20 'P' type and 20 'L' type)
4. Hostels – 2 Nos. (one each for boys and girls) of 50 inmate capacity each hostel) along with Warden's Quarter.
5. Extension of Library Building
 - i. 2 Nos. of Hall size 40' x 26'
 - ii. 1 No. of Hall size 26' x 15'
 - iii. 7 Nos. of rooms of size 14' x 11'
6. Guest House of 10 rooms plus Auditorium of 250 seating capacity and a Seminar Hall of 50 seating capacity.
7. Extension of Water Supply
8. Extension of Power Sub-station
9. Extension of Ring Road
10. Extension Block Administrative Building for:
 - i. D.R.'s room attached with toiler and P.A.'s room – 1 No.
 - ii. A.R.'s room attached with toiler and Steno's room – 2 Nos.

- iii. Office room for CDD Wing/Estate and maintenance section – 1 No.
 - iv. Office room for Estate Section (Sanitation Cell) – 1 No.
 - v. Office room for Maintenance Section and open shades for 10 vehicles.
11. Non-Teaching Staff Quarters – 40 Nos.
- i. D.R./Dy. Librarian/System Manager's Quarters ('P' type) – 13 Nos.
 - ii. A.R.'s Quarters ('L' type) – 1 No.
 - iii. Section Officer's Quarters (Group B Gazetted) – 2 Nos.
 - iv. Group 'B' staff (non-Gazetted) – 4 Nos.
 - v. Group 'C' staff – 10 Nos.
 - vi. Group 'D' staff – 20 Nos.
12. Extension of shopping complex (add.) – 7 rooms.
13. First Phase of Sports Complex having facilities for:
- i. Basket Ball and Volley Balls
 - ii. Table Tennis and Badminton (indoor stadium)

3.2. ACADEMIC DEVELOPMENT

3.2.1. Department of Ecology and Environment

There has been a tremendous change in the landscape and environment of this region over the years on account of various anthropogenic activities such as coal mining, jhum cultivation, deforestation, limestone quarrying extraction, etc. The eco-systems of this region are highly diversified and also fragile due to high precipitation, undulating topography and loose soils in many hilly areas of the region. The landslides/landslips are also common in some of the states. The erosion losses have been accelerated which has resulted in land degradation and bio-diversity loss. The water sources

(streams, rivers, lakes) are becoming gradually polluted and in certain pockets even the air pollution problem is also serious. In our University we have certain departments/centers where valuable ecological studies are being carried out seriously, however, since we do not have a separate Department of Ecology and Environment, many important ecological and environmental issues are not being adequately addressed. Therefore, it would be appropriate if a separate Department of Ecology and Environment is established at NEHU to cover the whole gamut of ecological and environmental researches.

1.	Student enrolment	-	20
2.	Faculty position:		
	Professor	-	1
	Reader	-	2
	Lecturer	-	3
3.	Office staff:		
	L.D.C.	-	1
	Peon	-	1
	Fieldman	-	1
	Lab. Attendant	-	2
4.	Books		
5.	Journals		
6.	Financial requirement		
	Teacher salary		
	Office Staff salary		
	Equipment		
	Books and Journals		
	Laboratory		
	Furniture		

3.2.2. Department of Human Resource Development

Human Resources and Development is a relatively new field of academic study which has become very popular in the West. In India, a small number of universities have introduced this course. However, in the North-Eastern Region, not a single university offers this course. The structure of the Department may be as follows:

1.	Student enrolment	-	25
2.	Faculty position:		
	Professor	-	1
	Reader	-	2
	Lecturer	-	3
3.	Office Staff:		
	L.D.C.	-	1
	Peon	-	1
4.	Books		
5.	Journals		
6.	Furniture		
7.	Fund requirements		
	Teacher salary		
	Office staff salary		
	Books and Journals		
	Furniture		
	Teaching aids		

3.2.3. Department of Media Technology

The importance of media technology is assuming new proportion with the changes and development in communications. Unfortunately, the facilities for training personnel is still lacking in the North East. A beginning has been

made in an affiliated college where degree level courses have been introduced. A post-graduate Department at NEHU Campus shall, therefore, provide the opportunity for higher studies to the students of the region, thereby creating professionals in this line. The proposed structure may be:

1.	Student enrolment	-	20
2.	Faculty position:		
	Professor	-	1
	Reader	-	2
	Lecturer	-	3
3.	Office Staff:		
	Steno	-	1
	L.D.C.	-	1
	Peon	-	1
4.	Books and Journals		
5.	Furniture		
6.	Financial requirement:		
	Teacher salary		
	Staff salary		

3.2.4. Department of Geology

Meghalaya is rich in mineral resources like coal and limestone. The exploitation of these important minerals in an unscientific manner has created more problems for the people. Therefore, this discipline is important for the proposed campus. It will co-ordinate with other discipline like Ecology and Disaster Management. The proposed structure may be:

1.	Student enrolment	-	20
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2. Faculty position:

Professor	-	1
Reader	-	2
Lecturer	-	3
3. Office staff:

L.D.C.	-	1
Peon	-	1
Lab. Attendant	-	1
4. Books
5. Journals
6. Furniture
7. Fund requirement:
 - Teacher salary
 - Office salary
 - Laboratory
 - Books and Journals
 - Furniture
 - Teaching aids/Equipment

4.0. PHASE III: XIIth PLAN

4.1. PROJECTION FOR THE XII FIVE-YEAR PLAN PERIOD

In this plan period the vision is for creation of three new departments and to consolidate those departments created in the X and XI Plan period.

These departments are:

1. Department of Bio-Technology
2. Department of Tourism Administration
3. Department of Physical Education.

4.2. CONSOLIDATION

The Departments created in the Xth Plan would have a total of teaching position 10/12 and those created in the XIth Plan would have 8/10 teaching positions. The expansion will be in the following manner:

Professor (one in each Department) 1 x 4 = 4

Reader (one in each Department) 1 x 4 = 4

Lecturer (one in each Department) 1 x 4 = 4

The Departments created in XIth Plan would be strengthened in the following manner:

Reader (one in each Department) 1 x 4 = 4

Lecturer (one in each Department) 1 x 4 = 4

4.2.1. Justification

Most of the post-graduate teaching programmes offer a number of specialization options. To service these optionals, it is essential to increase the number of sanctioned teaching posts.

- As mentioned earlier the intention of this Campus is to introduce disciplines which will enable to generate skilled and qualified manpower.
- According to the UGC norms 6 faculty members are needed just for the sake of conducting M.A./M.Sc. classes. Hence the projection of 8 faculty members in each Department in this Plan is quite justifiable.

4.3. INFRASTRUCTURE DURING XII PLAN

1. Extension of academic buildings in Phase II for 3 more departments.
2. Extension of lecture complex in Phase II for 3 more departments.

3. Extension of Teacher quarters 40 Nos. (20 'P' type and 20 'L' type).
4. Extension of Health clinic
5. Non-Teaching Staff Quarters 30 Nos.
6. Extension of Hostels for boys and girls (one each)
7. Extension of Sport Complex (Indoor Stadium for Table Tennis and Badminton; Outdoor standard playground)

4.4. ACADEMIC DEVELOPMENT

4.4.1. Department of Finance and Administration

This course is important for financial management and the product can be absorbed in the financial institution like Banks and Insurance Corporation. In India, only Delhi University has introduced this course in the Master level. It is understood that the North-East India needs such course considering the requirement of trained manpower in the region. The proposed department would have the following structure:

- | | | | |
|----|-------------------|---|----|
| 1. | Student enrolment | - | 20 |
| 2. | Faculty position: | | |
| | Professor | - | 1 |
| | Reader | - | 1 |
| | Lecturer | - | 3 |
| 3. | Office staff: | | |
| | L.D.C. | - | 1 |
| | Peon | - | 1 |
| 4. | Books | | |
| 5. | Journals | | |
| 6. | Furniture | | |

7. Fund requirement:

- Teacher salary
- Office staff salary
- Books and Journals
- Furniture
- Teaching aids

4.4.2. Department of Forensic Science

Forensic Science is becoming an important discipline due to the increasing crime rate. Unfortunately, apart for a few institutes, the University system has not shown much interest in this line of study as a specific field of academic pursuit. In the North East, a course like this may have an additional input to tackle insurgency and cross border crimes. The proposed Department would have the following structure:

1.	Student enrolment		20
2.	Faculty position:		
	Professor	-	1
	Reader	-	2
	Lecturer	-	3
3.	Office staff:		
	I.D.C.	-	1
	Peon	-	1
	Lab. Attendant	-	2
4.	Laboratory		
5.	Books and Journals		
6.	Furniture		

7. Fund requirement:

- Teacher salary
- Office staff salary
- Laboratory
- Books and Journals
- Furniture
- Teaching aids/Equipments

4.4.3. Department of Disaster Management

Natural disaster is a global problem. In India, some university like Sikkim and Manipal Universities have introduced the disaster management course at the M.Sc. level. In the North East, the natural disaster is a serious problem caused intermittently by flood, earthquakes, strong wind, cyclones, soil erosion and landslides.

The proposed department may be structured as follows:

- | | | | |
|----|--------------------|---|----|
| 1. | Student enrolment | - | 20 |
| 2. | Faculty position: | | |
| | Professor | - | 1 |
| | Reader | - | 2 |
| | Lecturer | - | 3 |
| 3. | Office staff: | | |
| | Steno | - | 1 |
| | I.D.C. | - | 1 |
| | Peon | - | 1 |
| 4. | Books and Journals | | |
| 5. | Furniture | | |

6. Fund requirement:

Teacher salary

Office staff salary

Books & Journals

4.4.4. Department of Physical Education

Physical development and health is an important aspect of man. A healthy mind needs a healthy body. Therefore, physical education is important for the life of man. Sports and games are no longer considered just for recreation, but have an important role in developing a sense of brotherhood goodwill. In the North East, we do need such a discipline which will help the boys and girls of the region.

This department may also draw on the experience of the University Sports' Department where the coaches may from time to time act as Instructors.

The Department would have the following structure:

1.	Student enrolment	-	20
2.	Faculty position:		
	Professor	-	1
	Reader	-	2
	Lecturer	-	3
3.	Office Staff:		
	L.D.C.	-	1
	Peon	-	1
4.	Books and Journals		
5.	Furniture		

6. Financial requirement:

Teacher salary

Staff salary

Sports Equipments

Playground for Outdoor and Indoor games

4.4.5. Department of Social Work

Social work education is becoming popular in this region as students are found going to distant places for admission. The products have also employment opportunities in Social Welfare Departments of the States and industries, and they can also find career in NGOs. A Department of Social Welfare shall, therefore, be appropriate in the new Campus.

1.	Student enrolment	-	20
2.	Faculty position:		
	Professor	-	1
	Reader	-	2
	Lecturer	-	3
3.	Office Staff:		
	Steno	-	1
	L.D.C.	-	1
	Peon	-	1
4.	Books and Journals		
5.	Furniture		
6.	Financial requirement:		
	Teacher salary		
	Staff salary		
	Books & Journals		
	Teaching aids/Equipments		

4.4.6. Department of Biotechnology

This emerging area of biology has great potential for generating employment and augmenting socio-economic condition of the people of this region.

The students of this region have to go to far-off places in order to acquire training and degrees in this subject on account of which, the parents have to spend lot of money for the education of their children. As a result, many students have to opt for other disciplines despite their keen interest in studying biotechnology. In view of the above, our students need to be trained and educated in biotechnology in this region itself.

Although biotechnological studies are being carried out in the School of Life Sciences of NEHU, we do not have a proper Department to offer this course and award degrees in Biotechnology. Therefore, it is proposed to establish a Department of Biotechnology at NEHU.

The proposed structure may be:

1.	Student enrolment	-	20
2.	Faculty position:		
	Professor	-	1
	Reader	-	2
	Lecturer	-	3
3.	Office Staff:		
	L.D.C.	-	1
	Peon	-	1
	Attendant	-	1
4.	Books and Journals		
5.	Furniture		

6. Financial requirement:

Teacher salary

Staff salary

Books & Journals

Equipments

Teaching aids