

JHARGRAM RAJ COLLEGE

JHARGRAM, WEST MEDINIPUR, WEST BENGAL

MASTER PLAN 2007-2017

Prepared by
Subhash C. Roy
B.Arch.,MCP (IIT), AITP
Architect, Urban Planner

JHARGRAM RAJ COLLEGE

JHARGRAM, WEST MEDINIPUR, WEST BENGAL

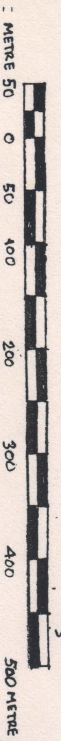
MASTER PLAN 2007-2017

Concept for Basic Development Plan

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Architect, Urban Planner**



MASTER PLAN 2007-2017 JHARGRAM RAI COLLEGE JHARGRAM, WEST MEDINIPUR

JHARGRAM RAI COLLEGE
 JHARGRAM, WEST MEDINIPUR

LEGEND :

- 1 FACULTY BUILDING I
- 2 FACULTY BUILDING II (EXIST)
- 3 STUDENT CENTRE
- 4 CYCLE SHED
- 5 STUDENT CENTRE (PROP)
- 6 AUDITORIUM/OPEN STAGE (PROP)
- 7 FACULTY BUILDING III (PROP)
- 8 GUEST HOUSE (PROP)
- 9 WOMEN'S HOSTEL (EXIST)
- 10 WOMEN'S HOSTEL (PROP)
- 11 STAFF QUARTERS (EXIST)
- 12 PRINCIPAL'S BUNGALOW (PROP)
- 13 PROFESSOR'S QUARTERS (PROP)
- 14 TEACHER'S QUARTERS (PROP)
- 15 MEN'S HOSTEL (EXIST)
- 16 MEN'S HOSTEL (EXIST)
- 17 MEN'S HOSTEL (PROP)
- 18 SITE FOR FUTURE EXPANSION
- 19 CLUB HOUSE
- 20 CRICKET GROUND
- 21 FOOTBALL GROUND
- 22 VOLLEY BALL
- 23 GALLERY
- 24 SITE FOR FUTURE STAFF HOUSING

VETERINARY
 DEPT.

SUB-DIVISIONAL
 SYNDICATE PVT. LTD

SITE FOR FUTURE EXPANSION

PRIVATE LAND

Subhash C. Roy
 SUBHASH C. ROY
 B. ARCH MCP (ITT) ATP
 ARCHITECT

JHARGRAM RAJ COLLEGE

JHARGRAM, WEST MEDINIPUR, WEST BENGAL

TOTAL BUILT UP AREA (EXISTING)

Sl. No.	BUILDING	GROUND FLOOR		FIRST FLOOR		SECOND FLOOR		THIRD FLOOR		TOTAL	
		Sq. M.	Sq. Ft.	Sq. M.	Sq. Ft.	Sq. M.	Sq. Ft.	Sq. M.	Sq. Ft.	Sq. M.	Sq. Ft.
1.	SCIENCE FACULTY BUILDING	2530.7	27230	2530.7	27230	2325.7	25025	-	-	7387.1	79485
2.	ARTS FACULTY BUILDING	984.0	10588	984.0	10588	-	-	-	-	1968.0	21176
3.	STUDENTS' WELFARE :										
a)	Students Centre : Cycle Stand	140.5	1512	-	-	-	-	-	-	140.5	1512
b)	Students Centre : Common Room	-	-	140.5	1512	-	-	-	-	140.5	1512
c)	Cycle shed	69.7	750	-	-	-	-	-	-	69.7	750
d)	Canteen	40.0	430	-	-	-	-	-	-	40.0	430
4.	STUDENTS' HOSTEL :										
a)	Women's Hostel	397.2	4274	318.4	3426	-	-	-	-	715.6	7700
b)	Vidyasagar Chhatrabas(Boys)	416.4	4480	367.6	3955	367.6	3955	367.6	3955	1519.2	16345
c)	New Hostel (Boys)	601.8	6475	561.3	6040	-	-	-	-	1163.1	12515
5.	STAFF HOUSING :										
a)	Block 'A'	155.7	1675	155.7	1675	-	-	-	-	311.4	3350
b)	Block 'B'	155.7	1675	155.7	1675	-	-	-	-	311.4	3350
c)	Block 'C'	155.7	1675	155.7	1675	-	-	-	-	311.4	3350
6.	Ancillary Structures (Generator Room, Guard House, etc.)	230.2	2477	-	-	-	-	-	-	230.2	2477
TOTAL =		5877.6	63241	5369.6	57776	2693.3	28980	367.6	3955	14308.1	153952

NOTE : ALL AREAS ARE INDICATIVE.

JHARGRAM RAJ COLLEGE



SCIENCE BLOCK (FB-I)

ADMINISTRATIVE BLOCK (FB-II)



FB-I

FB-II

LIBRARY (FB-III)

MAIN FACULTY BUILDING



Office of the Principal

Jhargram Raj College

P.O. Jhargram DT. Paschim Medinipur

Memo No.....

Date :

**Form : The Officer-in-Charge,
Jhargram Raj College.**

To
The Director of Public Instructions, West Bengal,
Bikash Bhavan, Salt Lake,
Kolkata-91.

Sir,

I am to enclose a photocopy of the letter from Office of the Backward classes Welfare Officer, Jhargram(vide Memo.No.157/BCW/Jhar dt.26.02.10) which is self explanatory. In this connection, I like to mention that the college and its annuxure buildings including hostels are located on 329.06 acres of land. There are still 319.06 acres of land lying vacant around college & hostel campus. The specific portion of land demanded(a sketch enclosed) by the Office of the Backward classes Welfare Officer, Jhargram is situated behind Vidyasagar Chhatrabas of the College.

Through this Office Memo.No.958/L-16 dt.03.12.05(enclosed) the then Principal intimated you about the scenario regarding handing over of 10 acres of land to the Office of the Backward Classes welfare Officer for development of Tribal Eklabya Model School which is now situated aside our vacant land.

In this context, I like to point out that development of tribal school with all modern academic facilities will definitely be of uprest importance specially in a under priviledged area like Jhargram.

Taking all these into consideration, I would request your kind honour to take all the decisions that will not hamper the development of academic excellence of the institutions.

Yours faithfully,

Officer-in-Charge.
Jhargram Raj College.

Copy to.

4/16
Government of West Bengal
Office of the Backward Classes Welfare Officer
Jhargram Paschim Medinipur

Memo No: - 157 /BCW/JHAR

58
Dated: - 26.02.2010

To,
The Principal
Jhargram Raj College .

Sub: Transfer of Land measuring 10 acres of the Education Directorate
in Mouza Jungle Kash, J.L. No. 395 , L.R. No. 4492.

Sir,

With reference to the above, this is to inform you that Govt. in the BCW Department has established a Residential School named Ekalabya Model Residential School at Jhargram. The said school is located only on a plot measuring 5.00 acres of land only in Mouza Jungle Kash, J.L. No. 395, R.S. plot No. 1891, L.R. plot No. 4490 (part) . Only S.T. boys and girls are allowed to study in the school having hostel facilities . The school is meant to upgrade Tribal education where actual strength of the students is said to be admitted 420 from classes VI to XII and that by no means could have been possible due to non-availability of land since inception of the school. Quite naturally we are having no scope admitting only 210 S.T. students because of its inadequate accommodation .

Quite sometime past we are having in search of a vacant Land for the construction of further buildings, playgrounds and other related matters.

In this connection , I would request you kindly to recall our visit of the EMRS and its adjacent Land since vacant and lying unutilised. Accordingly the particulars of the vacant Land (Land schedule) along with a Site Map so prepared by the BL & LRO , Jhargram are enclosed herewith. It appears that the Land is under the possession of the Education Directorate, Govt. of West Bengal and the Land is very adjacent to the premises of the EMRS.

Land Schedule is as below:-

Mouza - Jungal Kash
J.L. No. - 395
L.R. No. - 4492
Area - 10 acres

It would be a great help if the Land is transferred and utilised for the educational development of the poor Tribal students constructing further extension of the EMRS with hostel facilities. So, in view of the above considering the project in an one complex, I request you kindly to allow us for having departmental possession of the Land for the above said purpose and arrange to issue necessary approval for the transfer of Land measuring 10 acres to the BCW Department .

Reply in this regard will be highly appreciated.

Yours faithfully,

Encl: As stated.

Backward Classes Welfare Officer,
Jhargram.

Memo No: - 157/1(4)/BCW/JHAR

Dated: - 26.02.2010

Copy to:-

1. The Commissioner, Backward Classes Welfare, 8, Lyons Range (2nd Floor) ,Kolkata- 700001.
2. The Project Officer- cum- District welfare Officer, Backward Classes Welfare , Paschim Medinipur with request kindly to take up the matter with the appropriate authority.
3. The Sub-Divisional Officer, Jhargram.
4. Dr. Sushil Hansda , Member P.B.A.K.O.S.P. with request to look into.

Backward Classes Welfare Officer,
Jhargram.

COLLEGE ROAD

R.O. COLLEGE

COLLEGE HOSTEL

R.S. 1891
L.R. 4490

R.S. 1895
L.R. 4492

R.S. 2049
L.R. 4495

4494

EMRS
Shreeganga

1097

1097

660'

660'

R O A D

SCHEDULE LAND

PLOT NO.

R.S.	L.R.	AREA
1895	4492	10 AC.

1895

Land of David Rao

Shree, Mysore

JHARGRAM RAJ COLLEGE



FB-IV

FRONT VIEW

FB-V



FB-V

REAR VIEW

FB-IV

ARTS FACULTY BUILDING

JHARGRAM RAJ COLLEGE



VIDYASAGAR CHHATRAPAS
(100 SEATED BOYS HOSTEL)



NEW HOSTEL
(100 SEATED BOYS HOSTEL)



GIRLS' HOSTEL
(50 SEATED)

JHARGRAM RAJ COLLEGE



STUDENT COMMON ROOM



STAFF QUARTERS

MASTER PLAN 2007-2017

JHARGRAM RAJ COLLEGE

1949 – 2006 – 2017

Growth period – 1949 – 2006 : A Brief Survey

1. GENESIS & CURRICULUM : 1949-2006

Jhargram Raj College is situated in the green belts of West Medinipur district of West Bengal and at the outskirts of Jhargram town. Though it started in 1949 as an Agriculture College, it transformed into a general Degree College in 1962. The establishment of the college is the brainchild of the then Raja Narasingha Malladev Bahadur. He donated more than 320 acres of land, spread in different localities, for the development of an Agriculture College. The Government of West Bengal took over this college in 1950 to build a single storied building of the college, the foundation stone of which was laid on 8th May, 1949.

Subsequently in 1962 the Agriculture stream was completely abolished and the General stream of education began to spread wings in the Science and Arts Faculty with honours in different subjects. After construction of a separate Science Faculty Building on the northern periphery, the Arts Faculty continued in the existing building, which started as an Agriculture college. Since then with the development of other infrastructure, Pass course in Arts and Science streams of 3 years degree course was initiated. In 1962-63 English, Economics and History was started followed by Mathematics in 1966-67. Bengali, Political Science was introduced in 1969-70 while Chemistry, Zoology and Botany were started in 1970-71. At present there are Honours stream in all the traditional subjects including Sanskrit and Physiology. Graduation in Commerce subject with Honours in Accountancy was initiated in the year 1968-69.

On 8th May, 1999 Jhargram Raj College completed its Golden Jubilee of glorious existence. The Postgraduate course in Chemistry and Zoology was initiated from the academic session 2005-06 and 2006-07 respectively. New courses which are in demand with the present trend of education, will be initiated in the near future for which all efforts will be taken as a continuous process.

(2) BUILDING : 1949-2007 :

Jhargram Raj College started in 1949 in a single storied building built by the **Government of West Bengal**. Although it was established as an Agriculture College in 1962 it was completely abolished to start a general college with Arts faculty. After construction of the **Science Faculty Building** in 1970, Chemistry, Zoology and Botany departments were started. This Science Faculty Building was later extended to accommodate the **Administrative Office, Commerce Department and Library**.

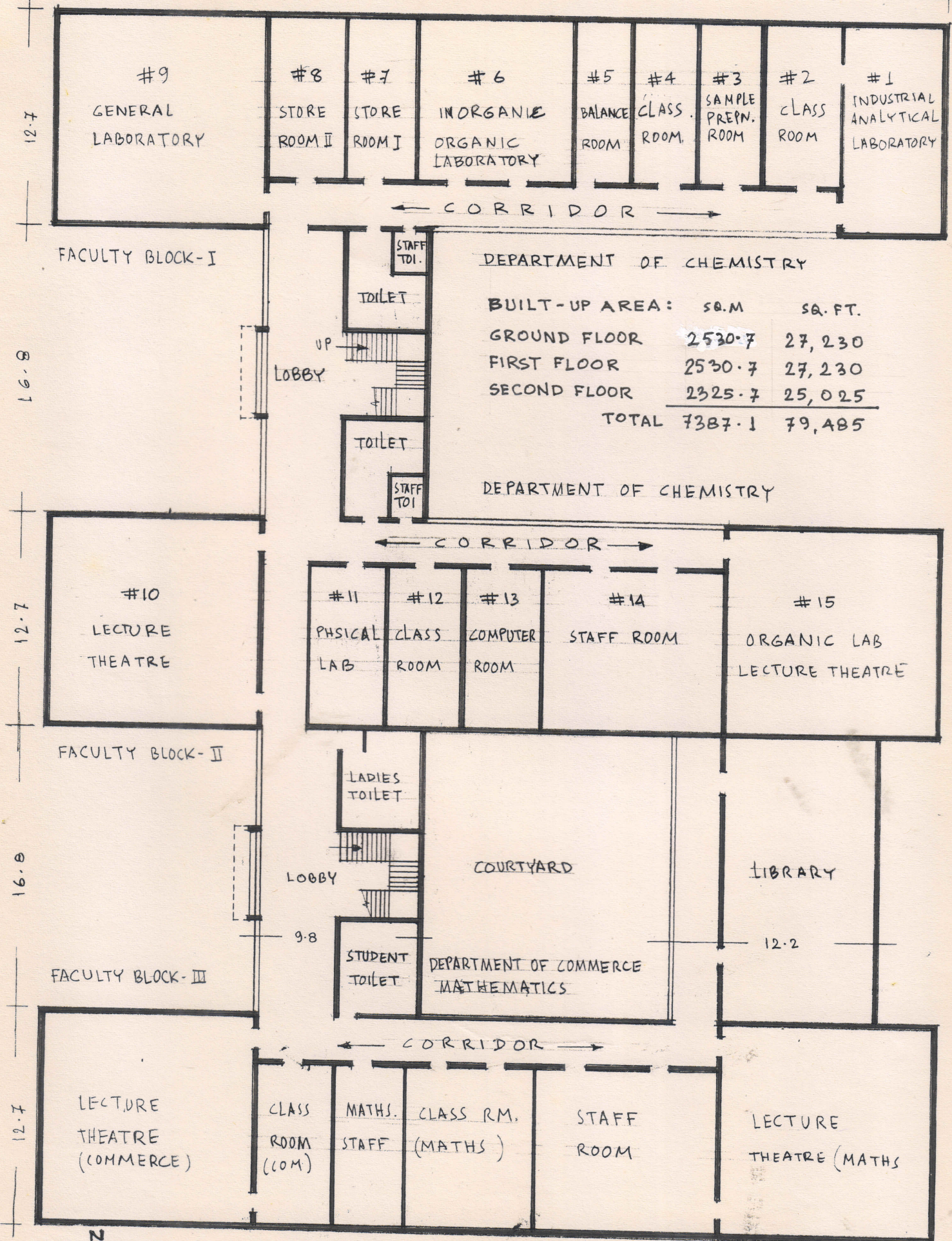
With the introduction of several streams of education, the number of students started increasing. Students from far flung districts surrounding Jhargram joined the college. Thereby, need for **Hostel** accommodation for students was completed in 1981 as **Boys Hostel**. The building was complete with two seated rooms in three wings. During this time two **Storied Students Centre** were also constructed. The ground floor was used for cycle parking while the upper floor was used as **Students Community Centre and Common Room**.

With the increase of girl students, a **Girls Hostel** was also constructed to accommodate about **50 girl students**. Later another **four storied building** was constructed in 1999 for boys. This building composed of three seated rooms for boys to accommodated **100 students**.

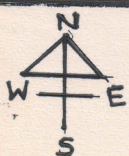
Simultaneously, Jhargram being located at quite a considerable distance from Kolkata, the metro city of Eastern India, it necessitated the construction of **Staff Quarters**. Jhargram being a district town and a low-density area, rented housing was very scarce, for which housing for senior staff became an essential need. Hence, three building blocks comprising of total twelve flats were constructed. But the flats being of low category, could not cater to the senior teachers. Hence need of housing for senior teachers, including bungalow for the Principal within the campus is an absolute need.

JHARGRAM RAJ COLLEGE : SCIENCE FACULTY BUILDING

52-4

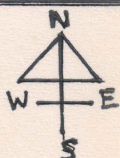
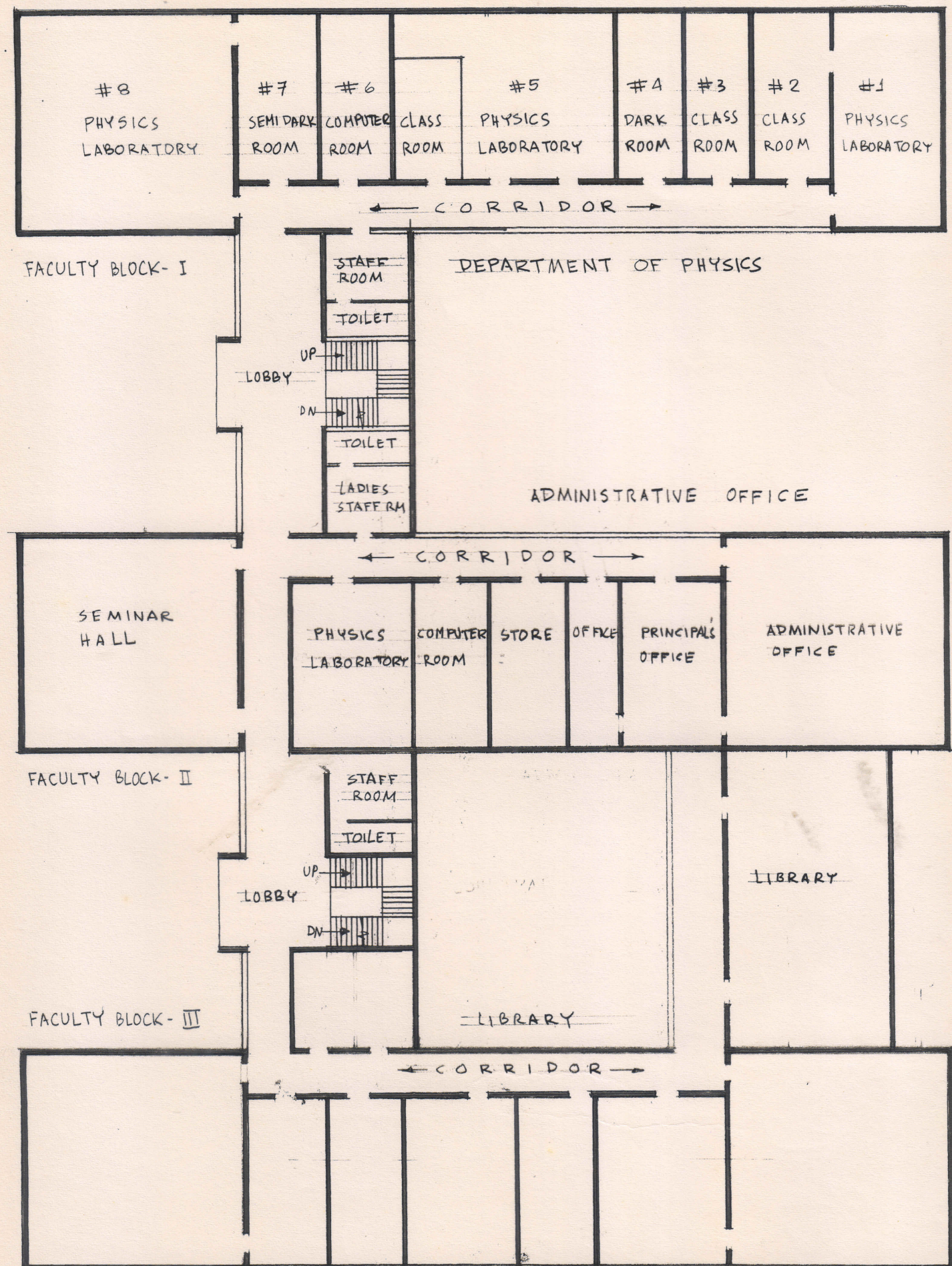


PLAN : GROUND FLOOR



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SUBHASH C. ROY
ARCHITECT

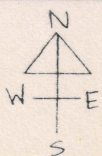
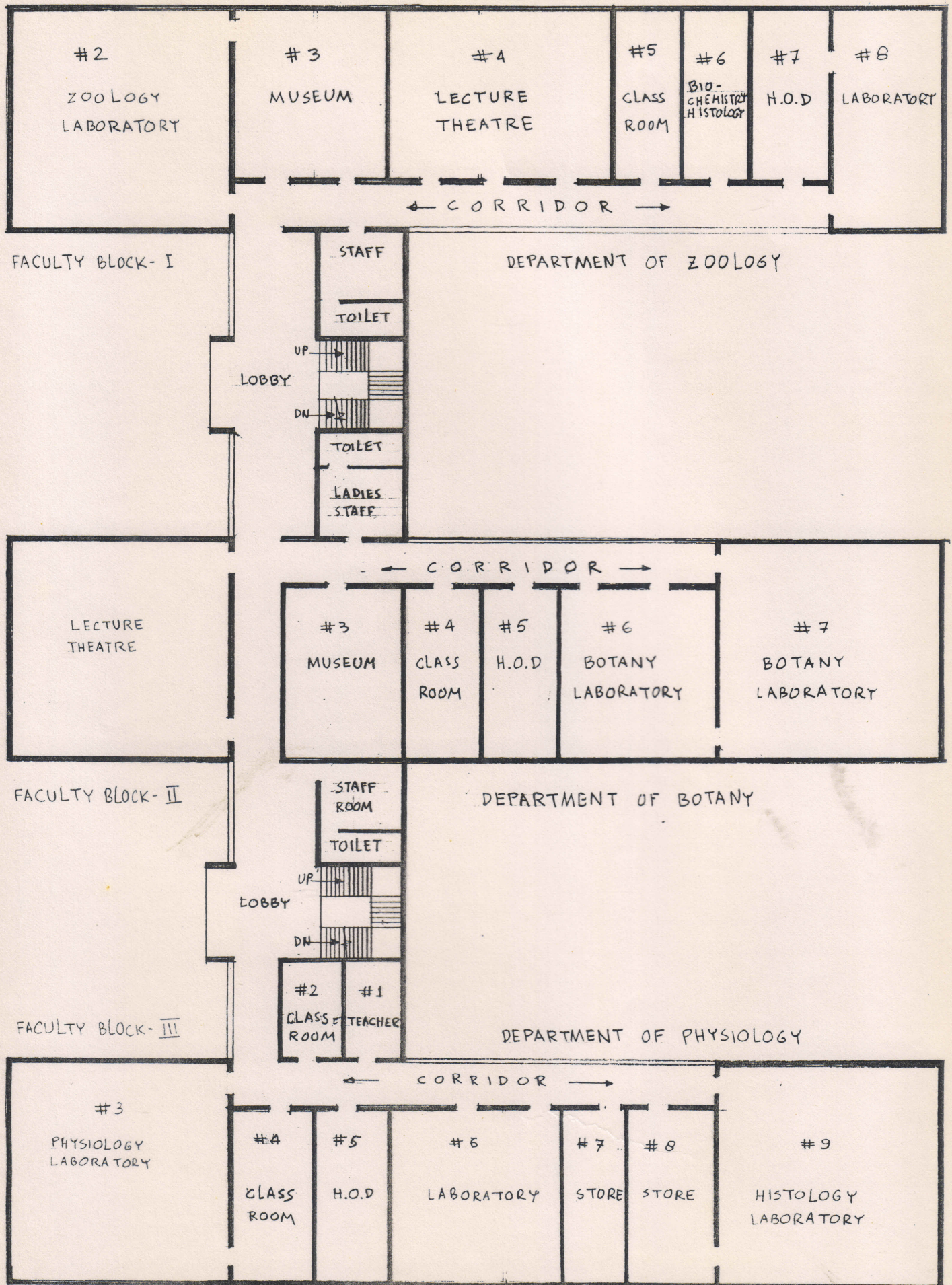
JHARGRAM RAJ COLLEGE : SCIENCE FACULTY BUILDING



PLAN : FIRST FLOOR

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ARCHITECT

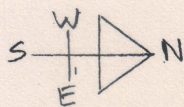
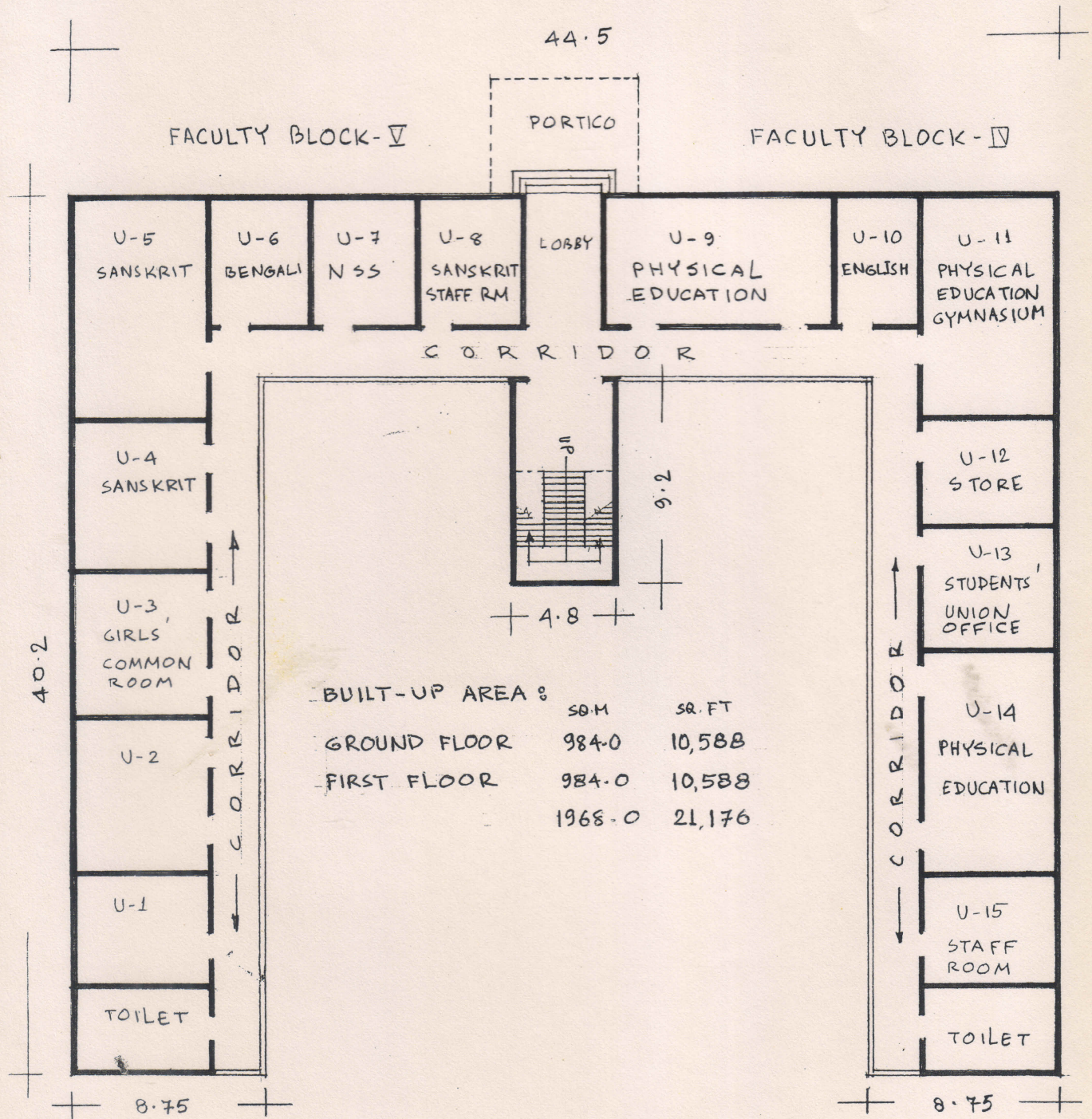
JHARGRAM RAJ COLLEGE : SCIENCE FACULTY BUILDING



PLAN : SECOND FLOOR

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ARCHITECT

JHARGRAM RAJ COLLEGE : ARTS FACULTY BUILDING



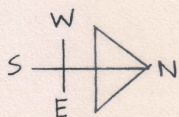
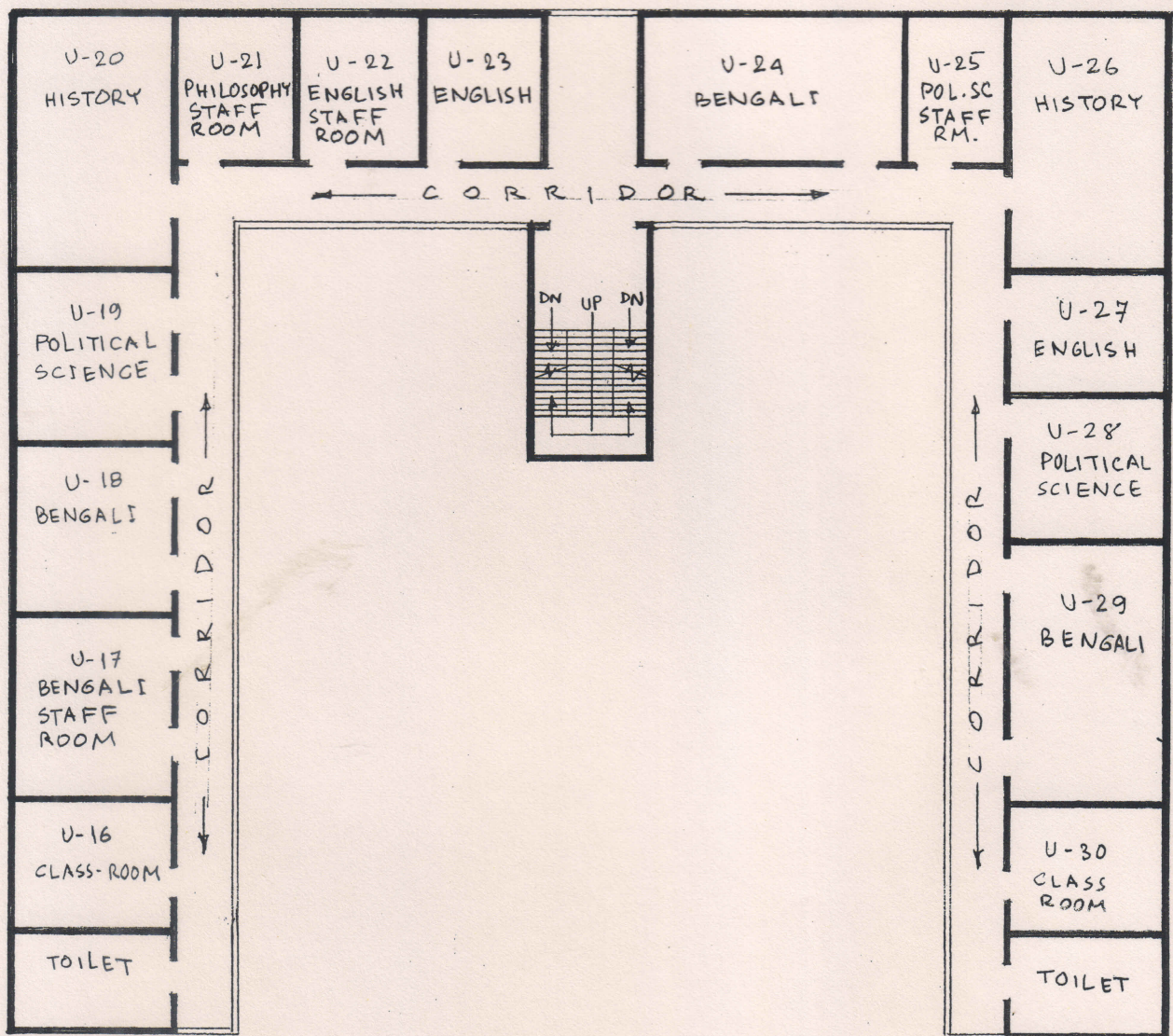
PLAN : GROUND FLOOR

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JHARGRAM RAJ COLLEGE: ARTS FACULTY BUILDING

FACULTY BLOCK - V

FACULTY BLOCK - IV

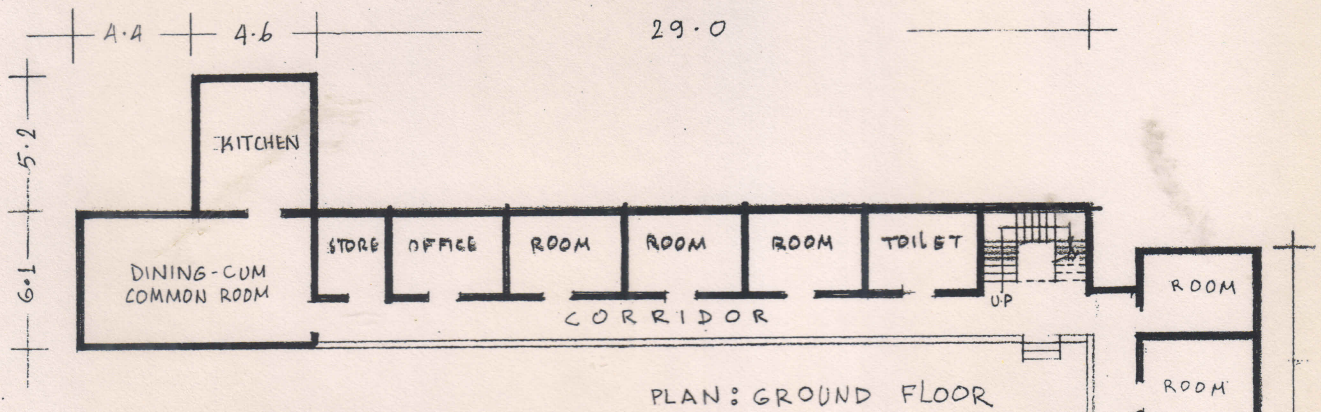
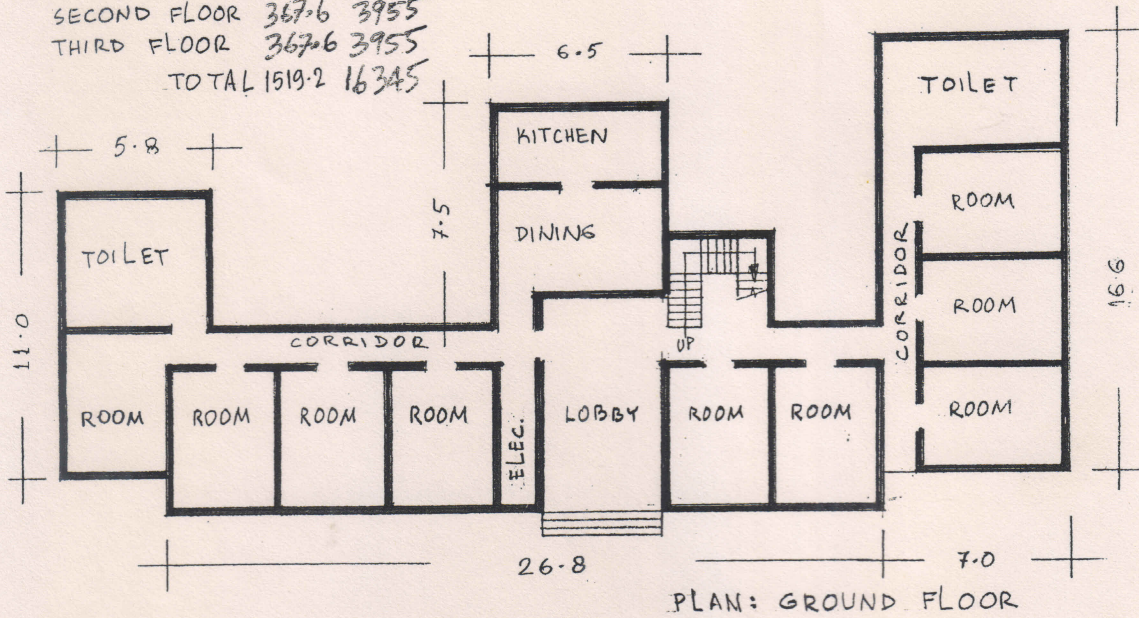


PLAN & FIRST FLOOR

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 SUBHASH C. ROY
 ARCHITECT

JHARGRAM RAJ COLLEGE: VIDYASAGAR CHHATRAS

BUILT-UP AREA:	SQ.M	SQ.FT.
GROUND FLOOR	416.4	4480
FIRST FLOOR	367.6	3955
SECOND FLOOR	367.6	3955
THIRD FLOOR	367.6	3955
TOTAL	1519.2	16345



BUILT-UP AREA:	SQ.M	SQ.FT.
GROUND FLOOR :	397.2	4274
FIRST FLOOR :	318.4	3426
TOTAL	715.6	7700

JHARGRAM RAJ COLLEGE: GIRLS' HOSTEL

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ARCHITECT

3. MASTER PLAN : 2007-2017 :

In view of the proposed growth of the curriculum and faculty a **MASTER PLAN** was necessary to continue the planned and phase-wise building construction. The availability of land being in abundance a **planned** and **phase-wise development** is necessary to avoid haphazard growth. Although the building construction works will be taken up by Government agencies a guideline for a **Basic Development Plan** shall be the object of this **MASTER PLAN**. It is not necessary to follow this guideline in strict manner but must be treated as an eye-opener to visualize the prospects of growth. Hence, this **MASTER PLAN** is prepared for the next **decade** however modest it might be.

The basic concept of the **MASTER PLAN** shall be to start **post-graduate** courses in all the streams and re-arrange various departments in **Faculty Buildings**. For better clarity the present **Science Faculty Building** having three wings may be earmarked as **Faculty Block-I (FBI)**, **Faculty Block-II (FB-II)** and **Faculty Block-III (FB-III)**. The **Arts Faculty Building** having two wings may be earmarked as **Faculty Block-IV (FB-IV)** and **Faculty Block (FB-V)**.

On reconnaissance of the present Arts Faculty Building that is **FB-IV** and **FB-V** it appears that the two storied building being more than **fifty years old**, its life may be considered as **exhausted**. Hence although the foundation is considered to be of three storey and ground floor external walls 375 mm (15"), construction of another floor over the first floor may not be considered.

These leads to the fact that construction of a new faculty building must be considered. To keep parity with existing structures it is suggested that a similar building as of the Science Faculty Building may be constructed. However, this building may be constructed as a four storied building during the next decade, i.e. 2007-2017. Hence, after 2017 it will appear that there will be **eight Faculty Blocks** (five existing and three new).

Nevertheless, construction of the new Faculty Building being located on the east of the Arts Faculty Building will facilitate space for expansion of

JHARGRAM RAJ COLLEGE



SPORTS COMPLEX



STAFF HOUSING



EXTENDED FACULTY BUILDING

PROPOSED SITE

departments as well as start new streams. Postgraduate classes of various departments may be commenced in this building. But ultimately when construction of the four storied new Faculty Building with three Blocks will be complete, re-arrangement of the departments shall have to be done. This is mainly because each department will have to accommodate **graduate** and **postgraduate** courses in the same block along with laboratories and other ancillaries. Accordingly, the eight Faculty Blocks will be re-arranged and earmarked with all infrastructures to be re-adjusted and renovated.

Presently, the student strength being more than 2000 will obviously increase during the next decade, plan period 2007-2017. **Jhargram Raj College** being a reputed college of **several decades** will attract students both boys and girls, from distant areas and other neighbouring districts. Even students from **Jharkhand** the neighbouring state will obviously come to study at this college. For this reason **expansion** of existing **hostel accommodation** will become an urgent need. It is proposed to construct another **50 seated Girls Hostel** on the west of existing Girls' Hostel. Also a **Boys' Hostel of 100 seats** shall have to be constructed, site for which has also been earmarked on the west of the existing four storied Boys Hostel.

Besides, it is also envisaged, staff strength will also increase. This will include senior professors and other teachers. To attract good quality experienced teachers providing good quality housing is a must. Also since residency of the Principal is a must within the campus, provision of a **Principal's bungalow** has to be kept in mind. Site for the Principal's bungalow, senior professors apartment other teachers' housing has also been earmarked on the **Master Plan 2007-2017**. The existing twelve flats may be kept reserved for other office staff who may require it. But, since Class-IV staff will be mainly from the locality, housing for them may not be required.

Apart from staff and student accommodation a Guest House for visiting faculty shall also have to be kept in mind. Site for the Guest House has been located on the east of existing Science Building. Several single and double

seated rooms with kitchen and dining room facilities must be provided. Since University Grants Commission encourages frequent seminars and conference this Guest House will be of immense use as there are no good quality hotels or rest houses in Jhargram.

This **Master Plan** also envisages some facilities for students. A site allocated on the west of the existing college campus shall have to be developed for **Sports Complex**. Separate **football** and **cricket ground** may be provided in this complex with a **Club-House** and **spectators gallery**. **Volleyball** court may also be included within this complex. However, more detail thoughts have to be given before finalising plans for the sports-complex.

Also, an **Auditorium** within the college campus should also be kept in mind. An **open-air stage** may be provided for large gatherings. The back-stage facilities of this open-air stages could be combined with the auditorium back stage. Detail planning of this auditorium with acoustic and projection facilities shall have to be done before implementation.

Funds for these building projects should be in process. Necessary plans and estimates shall have to be prepared by the respective Government agencies in a phase-wise manner as per requirement of the college administration. Moreover, plans and estimates may be forwarded to the University Grants Commission for approval and providing funds. Also drives must also be taken to collect donations from local well-wisher, and arranging cultural programmes as a means for fund raising. However, all these are subject to the enthusiasm that has to be aroused amongst the students, staff, alumni and the people of the locality for whom **JHARGRAM RAJ COLLEGE** will be their pride and an asset for the future generation to come.