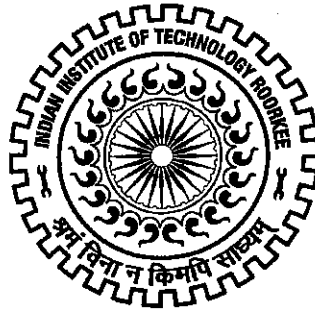


भवन एवं निर्माण कार्य समिति
की बारहवीं बैठक का कार्यवृत्त

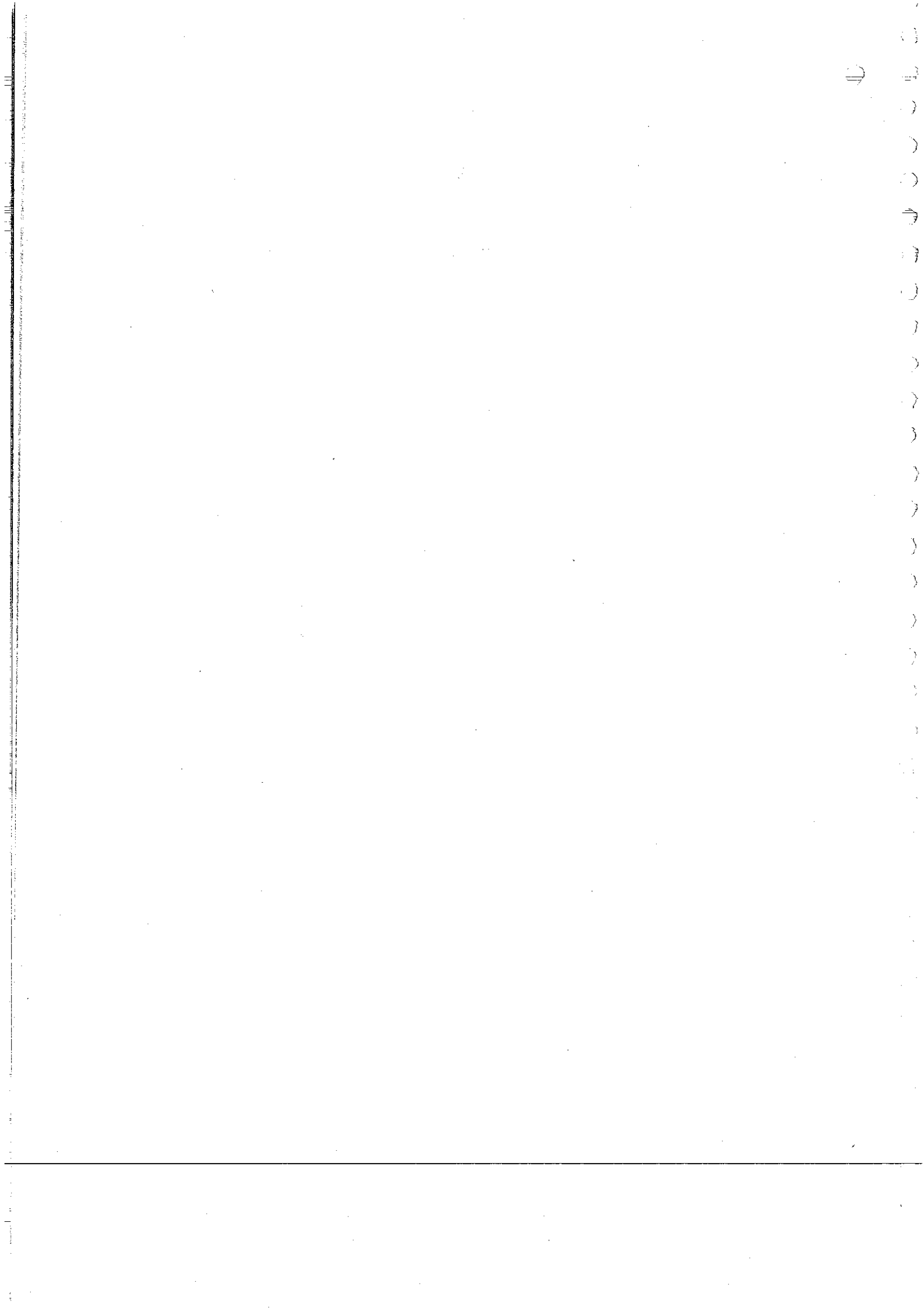
**MINUTES OF THE TWELTH MEETING OF
THE BUILDING & WORKS COMMITTEE**

30TH APRIL 2006



**भारतीय प्रौद्योगिकी संस्थान रुड़की
रुड़की - 247 667 (भारत)**

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667 (INDIA)**





Lt Col A K Srivastava (Retd)
Registrar

भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की - 247 667, उत्तरांचल, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

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No.IITR/MS/12th B&WC/2006/732

Dated 4th May 2006

Subject: Recommendations (Minutes) of the 12th meeting of the Building & Works Committee held on 30th April 2006.

Sir,

Enclosed herewith please find a copy of the recommendations (minutes) of the 12th meeting of the Building & Works Committee of this Institute held on 30th April 2006 for favour of information of the members and record. Members who attended the meeting are requested to kindly offer their comments, if any, within 15 days. If no comments are received, it will be presumed that they have no comments to offer and approve of the minutes as recorded.

Encl: as above

Yours faithfully,

(A.K.Srivastava)

Lt. Col. (Retd)

Registrar &

Member- Secretary B&WC

1. Prof. Prem Vrat
Director
Indian Institute of Technology, Roorkee
(Chairman)
2. Er. O.P. Bhatia
Chief Engineer, C.P.W.D.
Kendriya Bhawan
III Floor, Sector K, Aliganj
Near Purana Chauraha, Lucknow (U.P.)
3. Mrs. Irina Garg
Director (T), Govt. of India
Department of Secondary & Higher Education
Ministry of Human Resource Development
Shastri Bhawan, New Delhi 110 001

4. Er. R.K. Jain,
Dy. G. M.,
Uttaranchal Power Corporation Ltd.,
Roorkee - 247 667
 5. Prof. V.K. Gupta
Chairman, Estate & Works
Indian Institute of Technology Roorkee
 6. Prof. S.C. Solanki
Department of Mechanical & Indl. Engg.
Indian Institute of Technology Roorkee
 7. Prof. H.O. Gupta
Department of Electrical Engineering
Indian Institute of Technology Roorkee
 8. Prof. N.M. Bhandari
Department of Civil Engineering
Indian Institute of Technology Roorkee
 9. Er. Salek Chand
Institute Engineer
Indian Institute of Technology Roorkee
 10. Prof. Gopal Chauhan
Dean Administration
Indian Institute of Technology Roorkee
-Permanent Invitee
 11. Prof. S.P. Gupta
Professor-in-Charge, Planning
& Nodal Officer (MHRD), IITR
- Permanent Invitee
 12. Dr. Ajay Gairola
Vice-Chairman, E&W
Indian Institute of Technology Roorkee
- Special Invitee
 13. Lt. Col. (Retd) A. K. Srivastava
Registrar
Indian Institute of Technology Roorkee
- Member- Secretary
-

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667



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Minutes of the 12th meeting of the Building & Works Committee held on 30th April 2006 at 11.00 A.M. in the Board Room of the Institute.

The following were present:

1. Prof. Prem Vrat, Director - Chairman
2. Er. O.P. Bhatia, Chief Engineer, CPWD, Lucknow - Member
3. Er. R.K. Jain, Dy. G.M., UPCL, Roorkee - Member
4. Prof. V.K. Gupta, Chairman, E&W - Member
5. Prof. S.C. Solanki, Mech. & Indl. Engg. Department - Member
6. Prof. H.O. Gupta, Electrical Engg. Department - Member
7. Prof. N.M. Bhandari, Civil Engineering Department - Member
8. Er. Salek Chand, Institute Engineer - Member
9. Prof. Gopal Chauhan, Dean Administration - Permanent Invitee
10. Prof. S.P.Gupta, Prof.in-Charge Planning & Nodal Officer (MHRD) IITR - Permanent Invitee
11. Lt. Col. (Retd) A.K. Srivastava, Registrar - Member Secretary

Dr. Ajay Gairola, Ex-Institute Engineer, IIT Roorkee attended the meeting on invitation.

Due to pre-occupation, Mrs. Irina Garg, Director (T), MHRD could not attend the meeting.

The Chairman, Building & Works Committee, welcomed the members in the 12th Meeting of the Committee.

Before taking up the agenda items, the Committee thanked the under-mentioned outgoing members and recorded its appreciation for their valuable contribution in the meetings of the Committee.

1. Dr. Ajay Gairola, Institute Engineer
2. Prof. S. Ray, Dean Administration

The Committee also welcomed the under-mentioned new members and expressed hope for their valuable contribution and active participation in its functioning.

1. Er. Salek Chand, Institute Engineer
2. Prof. Gopal Chauhan, Dean Administration

Deliberations:

Thereafter, the items on the Agenda were discussed, and the deliberations/recommendations are summarized as under:

Item No. 12.1.1 Confirmation of the minutes of the 11th Meeting of the Building & Works Committee held on 30th November 2005.

Having received no comments, the minutes of the above meeting as recorded and circulated, were confirmed.

Item No. 12.2.1 Action taken Report on the minutes of the 11th Meeting of the Building & Works Committee held on 30th November 2005.

Actions taken on the minutes of the above meeting, as given on page 2-3 of the agenda note were noted with the following observation:

11.3.6 To consider the proposal for engaging one J.E. (Horticulture) on contract, for the Estate & Works Division, IIT Roorkee to look after the lawns and gardens in Departments and Hostels, chargeable to the Non-Plan grant of the Institute.

The B&WC decided that the post of one J.E. (Horticulture) on contract, for the Estate & Works Division to look after the lawns and gardens in the Departments and the Hostels be filled expeditiously. Nominations may also be invited by writing to CPWD.

Item No.12.3.1 To consider the further course of action for the construction of a New Boys' Hostel of 375 Seats capacity.

The B&WC evaluated the proposals submitted by the Nirman Nigam and the CPWD, and recommended that the work for construction of a New Boys' Hostel of 375 Seats capacity be given to the CPWD at a cost of Rs. 7.83 crores (including 3%

contingencies), since the proposal of the Nirmal Nigam was incomplete, in that the covered area was less than required, provision for overhead water tank and external lighting had not been made, fire fighting measures had not been included and it was not clear whether the estimate was for a framed structure, which is mandatory for four storied buildings. In addition CPWD is a premier national construction agency, with its own infrastructure for architectural design, structural design, quality control, testing laboratory and technical examination. In addition the Nirman Nigam had also included 11% departmental charges in their estimate, which are not charged by the CPWD. Also, CPWD has assured vide their letter dated 30th April 2006 to complete the Hostel by June 2007. They have further indicates that cost of this work may come down as has happened in case of Library etc.

The B&WC further decided that the preliminary estimate duly incorporating the Dining Mess, Kitchen, provision of RCC four storeyed framed earthquake resistant structure, fire fighting facilities, exterior lighting, an overhead tank of 60,000 litre capacity, Kota stone flooring in corridors, dining hall and kitchen, mosaic flooring in rooms, flush doors exterior grade shutter, M.S. section windows with grills and fly proof shutters, and cup-boards with steel shutters of Godrej or equivalent make in all the rooms, be submitted by the CPWD for further action. The preliminary estimate submitted by the CPWD is annexed at **Appendix 'A'**.

Item No. 12.3.2 To consider the preliminary estimate of Rs. 29.42 lacs for construction of Dining Hall, Kitchen, T.V. Room, Waiting Room and Matron residence in the New Girls Hostel (Old Teachers Hostel).

The B&WC decided that an amount of Rs. 29.42 lacs be recommended for construction of a Dining Hall, Kitchen, T.V. Room, Waiting Room and Matron's residence with the provision of Kota stone flooring in the Dining hall and Kitchen, mosaic flooring in the other new facilities which are to be created in the New Girls Hostel. The detailed preliminary estimate and

drawings for the said work be prepared and placed before the FC/BOG for approval (**Appendix 'B'**).

Item No. 12.3.3 To receive the present status report for development of the Greater Noida Extension Centre.

At the outset, the Director stated that a meeting of the Directors of IITs under the Chairmanship of Mr. Sudeep Banerjee, Secretary (S&HE), MHRD was held on 20.2.2006, in which this matter came up for discussion, whereupon the Secretary (S&HE) desired that a separate proposal in this regard be sent to the Ministry before committing any expenditure. Accordingly, a detailed proposal was sent to the Ministry and a presentation was also made before the Secretary (S&HE) on 17th March 2006. The draft minutes of the said meeting dated 17th March 2006 were sent to the MHRD for approval (**Appendix 'C'**). Since no response has been received from the MHRD, the B&WC decided after due deliberation that the work for execution of Phase-I of the Greater Noida Extension Centre be started immediately. Finance Committee and the Board of Governors be informed about this.

Item No. 12.3.4 Progress report of the on going Major Works.

The Progress report of the on going Major Works as given at **Appendix 'D'** was noted with the following observations:

1. Road in front of the newly constructed Library Building be cleared immediately.
2. The construction work of 75 rooms in the Ganga Bhawan be completed by 15th July 2006.
3. Landscaping work in the Hill View Apartments should be completed. Further, the defects in the civil work should be rectified promptly.

Item No. 12.3.5 To consider letter No. LIB/N.Lib.Bldg./136 dated 29th March 2006 of Librarian, Central Library for providing CCTV at crucial points in the New Library Building.

The B&WC decided that two Cameras at the entrance, two additional H.T. panels and two lifts in the New Library Building be provided by the CPWD within the existing Administrative Approval and permissible deviations in the same.

Item No.12.3.6 To consider the preliminary estimate amounting to Rs. 10.80 lacs for fixing of heritage tiles in the corridor of the Main Building.

After discussion, the B&WC decided that the proposal for fixing of heritage tiles in the corridor of the Main Building be accepted in principle.

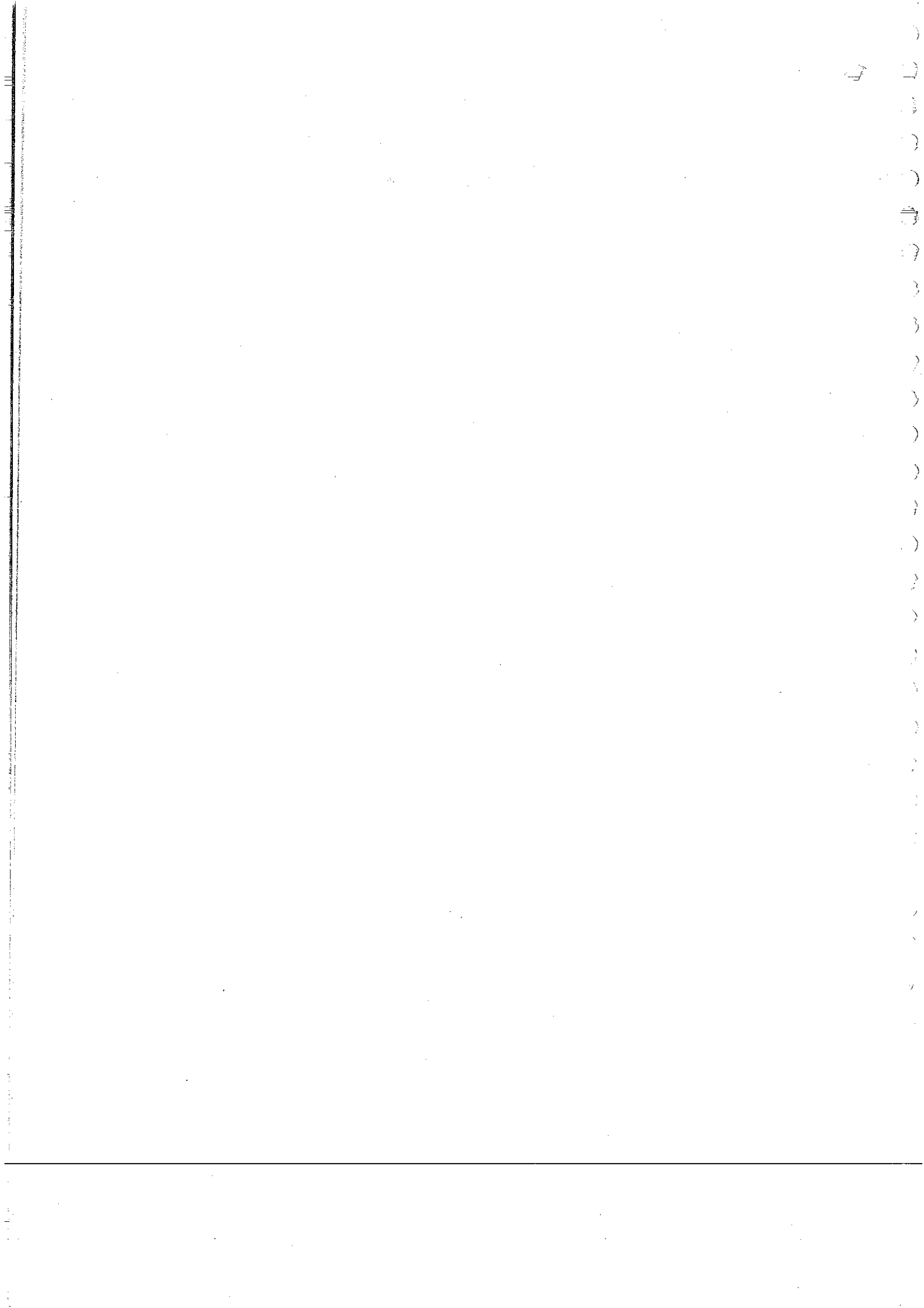
Further decided that for obtaining a sample of the flooring, the untiled areas adjoining the corridors be first tiled to check the quality of the tiles. In case, good quality flooring is ensured, the existing corridor may be re-tiled. This be processed as per the powers vested with the Chairman, B&WC/IE as applicable.

Item No.12.3.7: To consider the proposal for construction of a building for Centres of Excellence and allocation of space for this building.

The B&WC decided that the proposal for construction of a building for the under-mentioned three Centres of Excellence and allocation of space for this building be accepted in principle. A detailed proposal alongwith the estimates in this regard be prepared and placed before the B&WC for consideration:

- (a) Centre for Disaster Mitigation & Management
- (b) Centre for Transportation Systems
- (c) Centre for Nanotechnology

The meeting ended with a vote of thanks to the Chair.



Appendix 'A'
Item No.12.3.1

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

State :- Uttaranchal

Division :- R.C.D.

Branch :- B & R.

Estimate No. 15 /S.E./D.C.C. of 2006-07

Name of work :- Construction of New Boys Hostel of 375 seats at I.I.T., Roorkee.

FUNDS

Major Head

Minor Head

Detailed Head

Estimate framed by Er. V.K. Asol, Executive Engineer, Roorkee Central Division, C.P.W.D., Roorkee and further processed by Er. G.S. Bisht, Executive Engineer (P & A), Dehradun Central Circle, C.P.W.D., Dehradun of the probable cost of Rs. 7,83,00,000/- including 3% contingencies.

REPORT

History :- This revised preliminary estimate amounting to Rs. 7,83,00,000/- including 3% contingencies has been framed to cover the probable cost of the above mentioned work and for obtaining Administrative Approval and Expenditure Sanction of the competent authority. The requisition for the above mentioned work has been received from the Registrar vide No. IITR/MS/B & WC/790 dated 01.05.2006.


Initially as per requisition of Institute Engineer vide letter No. E & W/281/IE dated 01.06.2005 preliminary estimate for 400 seats boys hostel was submitted for Rs. 8,35,66,000/- and was approved by Board of Governors vide meeting held on 30.07.2005. But this work was kept pending as the site of construction was not finalized by the client. In the meeting of Building and Work Committee held on 30.04.2006 it was decided by the client to modify the Preliminary estimate for 375 seats. Accordingly this estimate is prepared.


Design and Scope :- The preliminary estimate has been prepared based on the plinth area of similar hostel executed recently at I.I.T., Roorkee. Proposed typical plan/sketch is enclosed.


The proposed hostel will be four storeyed R.C.C. framed structure. Floor height is proposed as 3.05 metre. At each floor level 4 Nos. common toilet unit and 4 Nos. staircases are proposed. Kitchen and dining hall having capacity of dining 190 students at a time is located at ground floor. Filler walls 230/115mm thick as per Architectural/Structural requirement shall be provided. This estimate provides for Construction of 375 seats new boys hostel with common toilets and passage etc.

Building portion including internal and external water supply, sanitary installation and electrical installation along with provision of earthquake resistant design and fire fighting has been considered. Provision of 40,000 litre capacity over head water storage tank on the staircase has been kept. Provision has also been made for one power plug in each room along with copper wiring for all electrical installation inside the building.

- Specifications :-** C.P.W.D. specification 1996 Vol.I to VI and revised specifications 2002 for C.C. & RCC work with up to date correction slips. Brief specifications are as follows :-
- Foundation :-** R.C.C. isolated footings foundation (M-25 mix)
- Superstructure :-** R.C.C. columns, beams and slabs (M-25 mix) with 230mm/115mm brick wall as per Architectural/Structural requirements.
- Flooring :-** Marble chips mosaic flooring in all rooms. Ceramic glazed tiles on walls in toilets, kota stone flooring in corridors and dining hall and toilets.
- Doors and Windows :-** Block board flush door shutter with T-iron frame and M.S. section windows with M.S. grills with wire gauge door/windows shutters.
- Finishing :-** All internal, external walls shall be plastered with 12mm/15mm cement plaster. All the internal rooms will be dry distemper and external wall will be painted with water proofing cement paint.
- Cost :-** Rs. 7,83,00,000/- including 3% contingencies.
- Rates :-** P.A.R. 1992 enhanced by approved Cost Index @ 130% for Roorkee.
- Time :-** Twelve (12) Months after award of work.
- Land :-** Available with client department
- T & P :-** No special T & P is required. Shall be arranged by the contractor at his own cost.
- Method :-** By contract after call of tenders.
- W.C. Estt. :-** Will be met out from 3% contingencies.


Assistant Engineer (P)-II
Dehradun Central Circle
C.P.W.D., Dehradun.


Executive Engineer (P & A)
Dehradun Central Circle
C.P.W.D., Dehradun.


Superintending Engineer
Dehradun Central Circle
C.P.W.D., Dehradun.


ABSTRACT OF COST


1. Name of work :- Construction of New Boys Hostel of 375 seats at IIT, Roorkee.

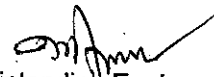
Branch : B & R

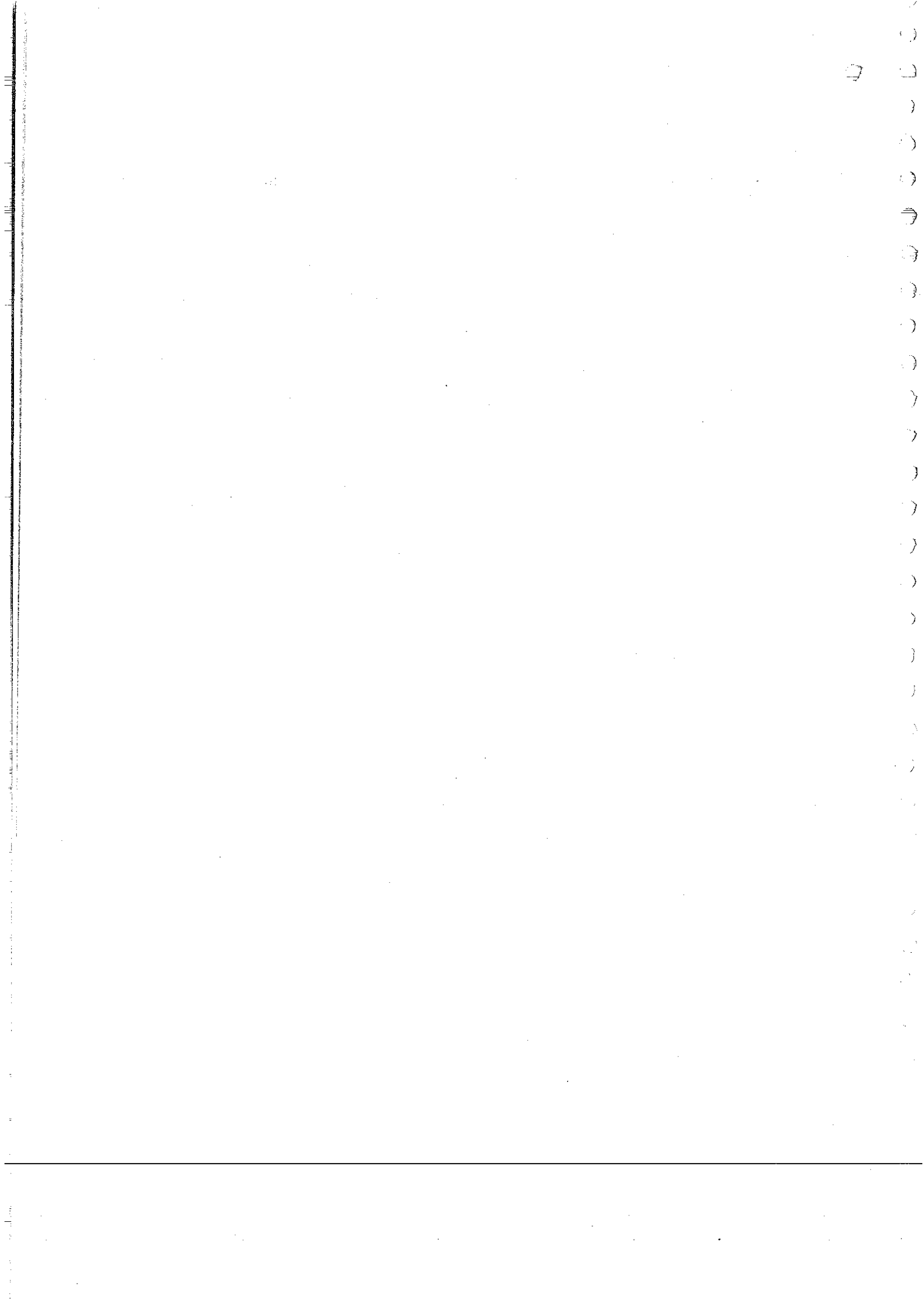
S.No.	Description of Item	Quantity	Unit	Rate	Amount(Rs.)
SH-I RCC Framed Structure					
1	R.C.C. framed structure upto six storied floor height 2.90 meter(Hostel).	8400.00	Sqm	2740.00	23016000.00 (X)
2	Extra for 0.30 mtr additional height above normal floor height of 3.05 mtr./ 2.90 mtr.	8400.00	Sqm	62.50	525000.00
3	Extra for Resisting Earth Quake forces.	8400.00	Sqm	250.00	2100000.00
4	Extra for fire fighting.	8400.00	Sqm	185.00	1554000.00
					<u>27195000.00</u>
SH-II Services					
6	Internal water supply and sanitary installations	23016000.00	%	10.00%	2301600.00
7	Internal electric installation (Non-residential bldg.)	23016000.00	%	12.50%	2877000.00
8	Extra for Power wiring and plugs	23016000.00	%	1.00%	230160.00
SH-III Water Tank (RCC Only)					
9	Over head tank without independent staging	40000.00	liter	4.75	190000.00
					<u>32793760.00 (Y)</u>
SH-IV Development of site					
10	Internal road & path and s/w drains.		L.S.		300000.00
11	Sewer/septic tank.		L.S.		200000.00
12	Street lighting with flouroscent lamp.		L.S.		100000.00
					<u>33393760.00</u>
Add Cost Index @ 130% on (Y)					<u>42631888.00</u>
					76025648.00
Add contingencies @ 3%					<u>2280769.00</u>
Grand Total					<u>78306417.00</u>

Say Rs. 7,83,00,000/-


Assistant Engineer (P)
Dehradun Central Circle
C.P.W.D., Dehradun.


Executive Engineer(P&A)
Dehradun Central Circle,
C.P.W.D., Dehradun


Superintending Engineer
Dehradun Central Circle
C.P.W.D., Dehradun.



Appendix 'B'
Item No.12.3.2

**Preliminary Estimate for the Construction of Dining Hall, Kitchen, Waiting Room
Matron Residence and T.V. Room in New Girls Hostel.**

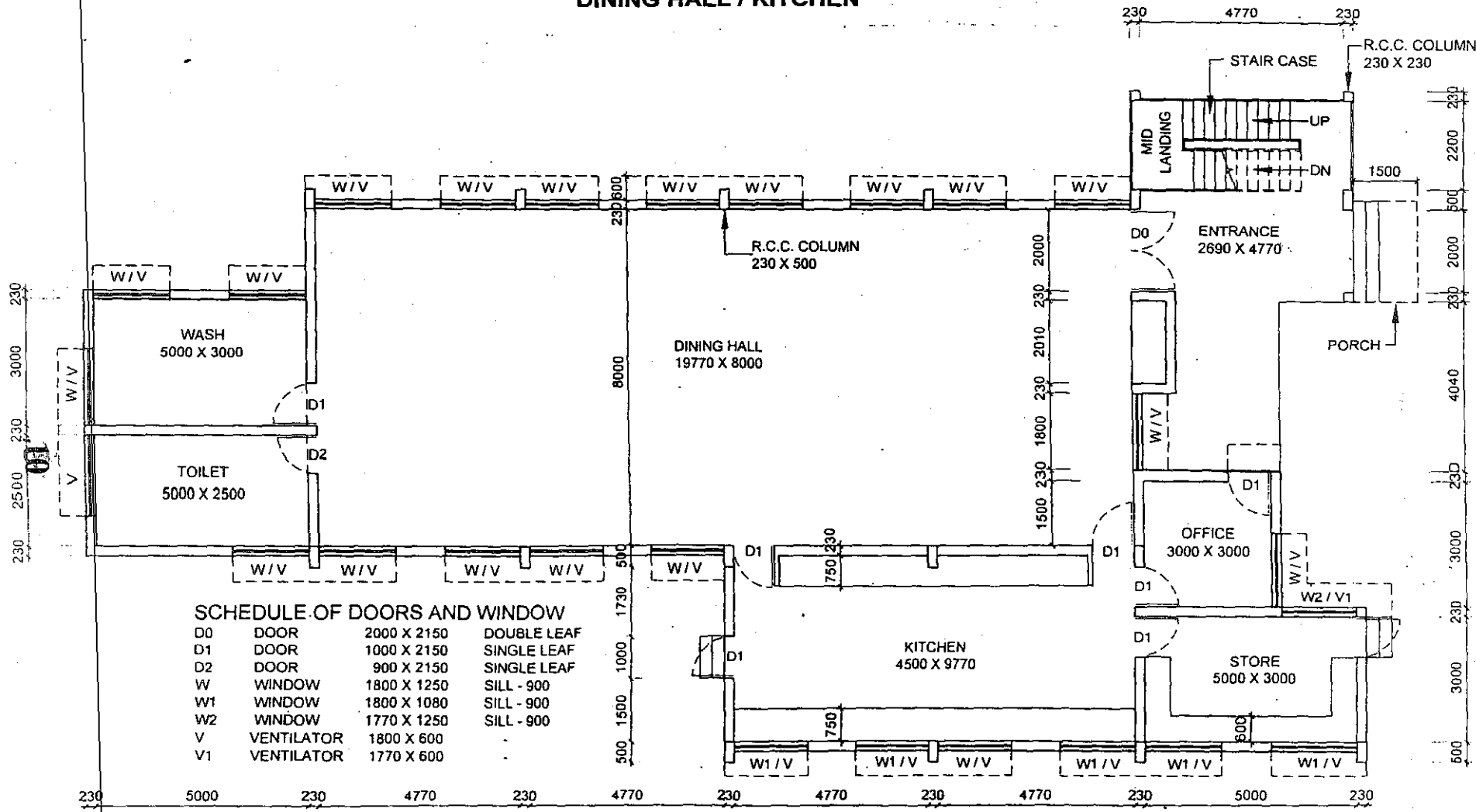
Sl.No.	Proposed Items	Qty	Rate in (Rs.)	Amount (inRs.)
1.	Construction of Dining Hall, Waiting Room & Kitchen. Plinth Area of G.F. Din. Hall- 1x20.23x8.46 = 171.15 M ² Wash & Toilet - 1x6.19x5.23 = 32.37 M ² Kitchen - 1x8.85x4.73 = 41.86 M ² Store - 1x5.23x3.46 = 18.10 M ² Office - 1x3.23x3.23 = 10.43 M ² Matron Office- 1x7.95x4.06 = 32.28 M ² Waiting Room- 1x5.76x3.53 = 20.33 M ² Staircase - 1x2.46x1.60 = 3.94 M ² ----- 330.46 M ²	330.46 M ²	5182.00Per M ²	17,12,443.72
2.	Construction of T.V. Room & Matron Residence. Plinth Area of F.F. T.V. Room - 1x20.23x8.46 = 171.15 M ² Wash & Toilet- 1x6.19x5.23 = 32.37 M ² Matron Resi. - 1x5.64x7.59 = 42.81 M ² Bath Room - 1x2.43x1.60 = 3.89 M ² Staircase - 1x4.03x2.46 = 9.91 M ² ----- 260.13 M ²	260.13 M ²	4727.00Per M ²	12,29,634.51
			Total	29,42,078.23
			Say	29.42lacs

Sh
Institute Engineer
Indian Institute of Tech.
ROORKEE

NPB
Asstt. Engineer III
Construction Division
Indian Institute of Technology
ROORKEE

3/6/83

DINING HALL / KITCHEN



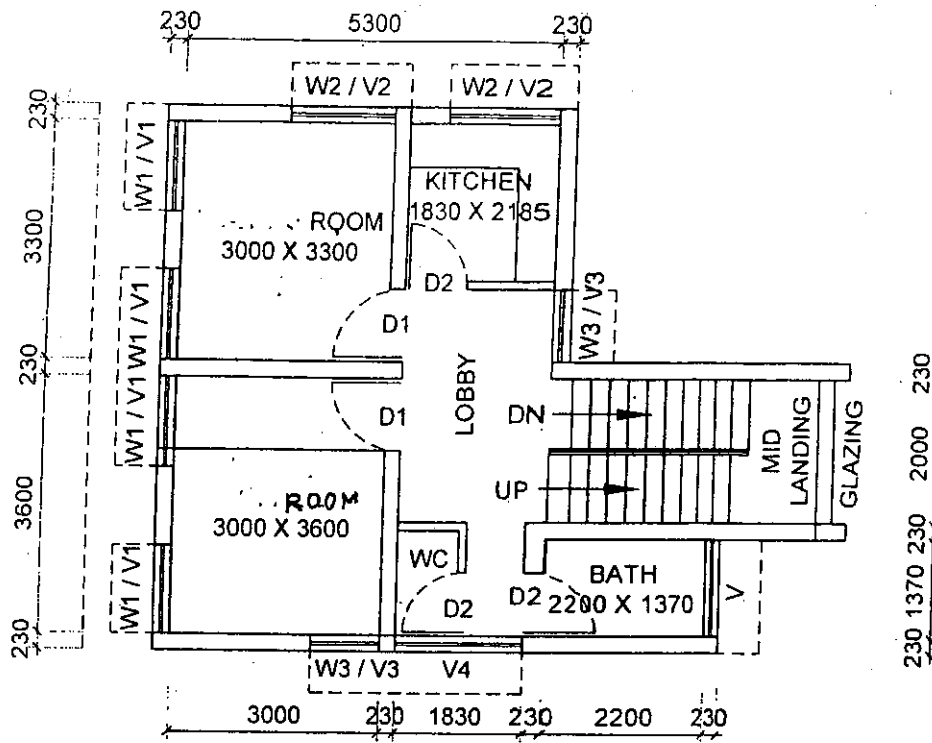
SCHEDULE OF DOORS AND WINDOW

D0	DOOR	2000 X 2150	DOUBLE LEAF
D1	DOOR	1000 X 2150	SINGLE LEAF
D2	DOOR	900 X 2150	SINGLE LEAF
W	WINDOW	1800 X 1250	SILL - 900
W1	WINDOW	1800 X 1080	SILL - 900
W2	WINDOW	1770 X 1250	SILL - 900
V	VENTILATOR	1800 X 600	
V1	VENTILATOR	1770 X 600	

GROUND FLOOR PLAN

INSTITUTE ARCHITECT INSTITUTE ER.

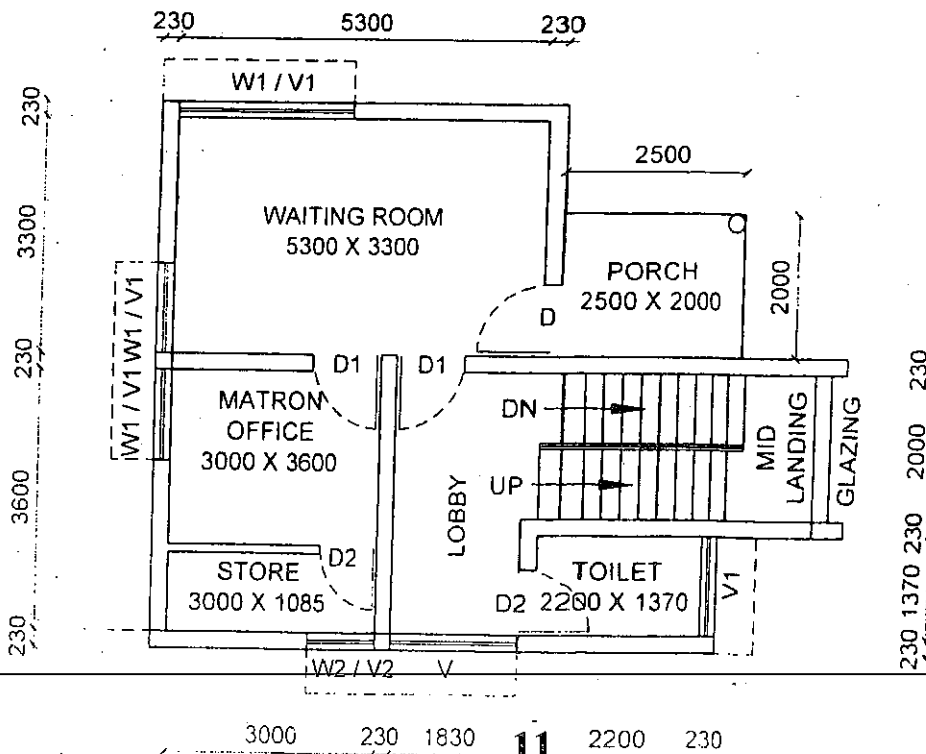
WAITING ROOM / MATRON RESIDENCE



FIRST FLOOR PLAN

SCHEDULE OF DOORS AND WINDOW

D	DOOR	1000 X 2100	SINGLE LEAF
D1	DOOR	900 X 2100	SINGLE LEAF
D2	DOOR	840 X 2100	SINGLE LEAF
W1	WINDOW	1350 X 1220	-
W2	WINDOW	1220 X 1220	-
V1	VENTILATOR	1370 X 610	-
V	VENTILATOR	1830 X 610	-

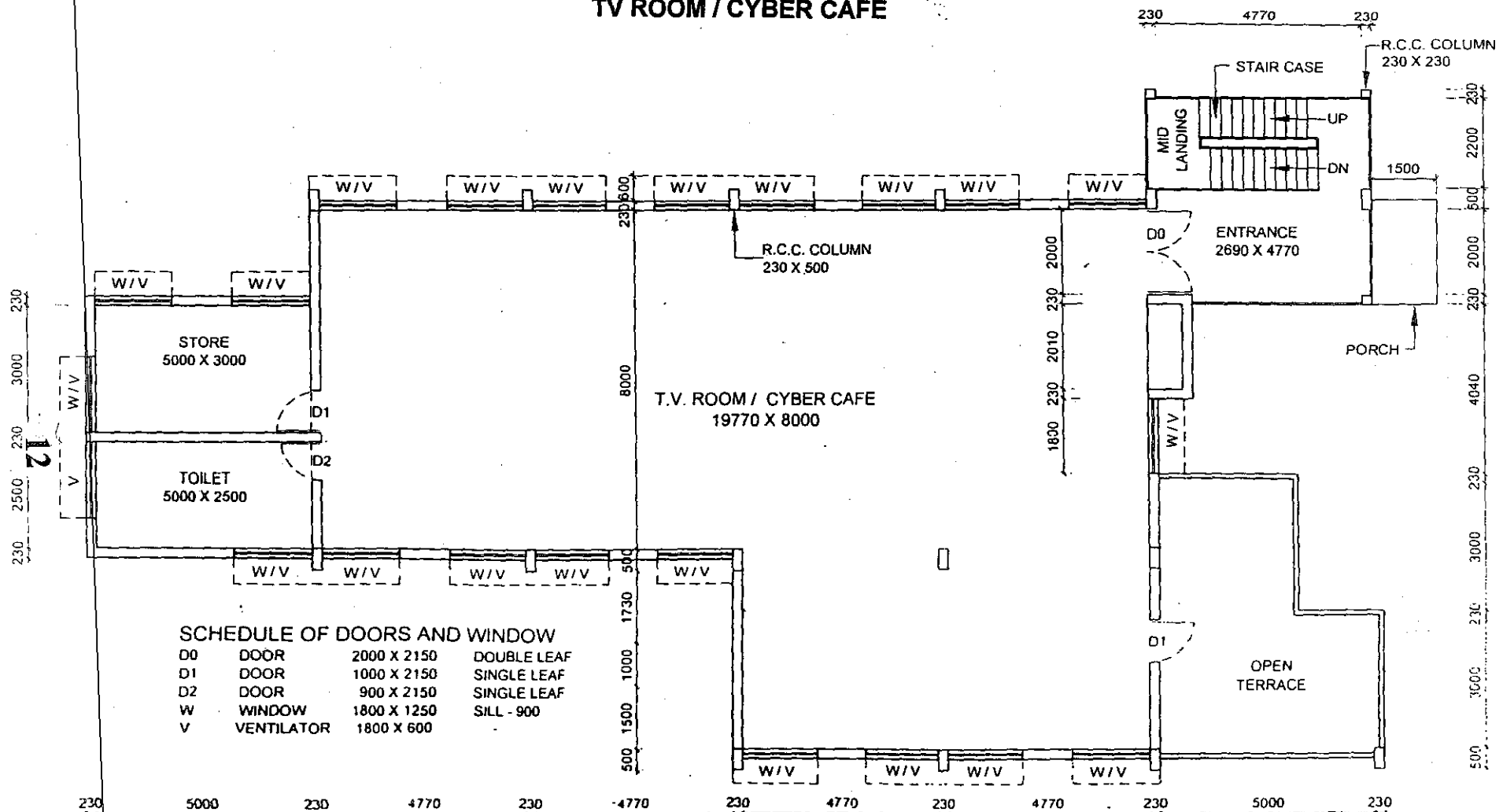


GROUND FLOOR PLAN

INSTITUTE ARCHITECT INSTITUTE ERK

Handwritten initials

TV ROOM / CYBER CAFE



FIRST FLOOR PLAN

INSTITUTE ARCHITECT INSTITUTE ER.

No.IITR/DIR/MHRD/
Dated : 22 March 2006


Dear Sri Banerjee,

I wish to express my sincere thanks to you for providing us the opportunity to present before you the details of new initiatives being taken by IIT Roorkee. We are enclosing herewith minutes of the meeting held in your office on March 17, 2006 for your kind perusal and approval of the same.

IIT Roorkee would look forward to your continued support and visionary directions.

With kind regards,

Yours sincerely,

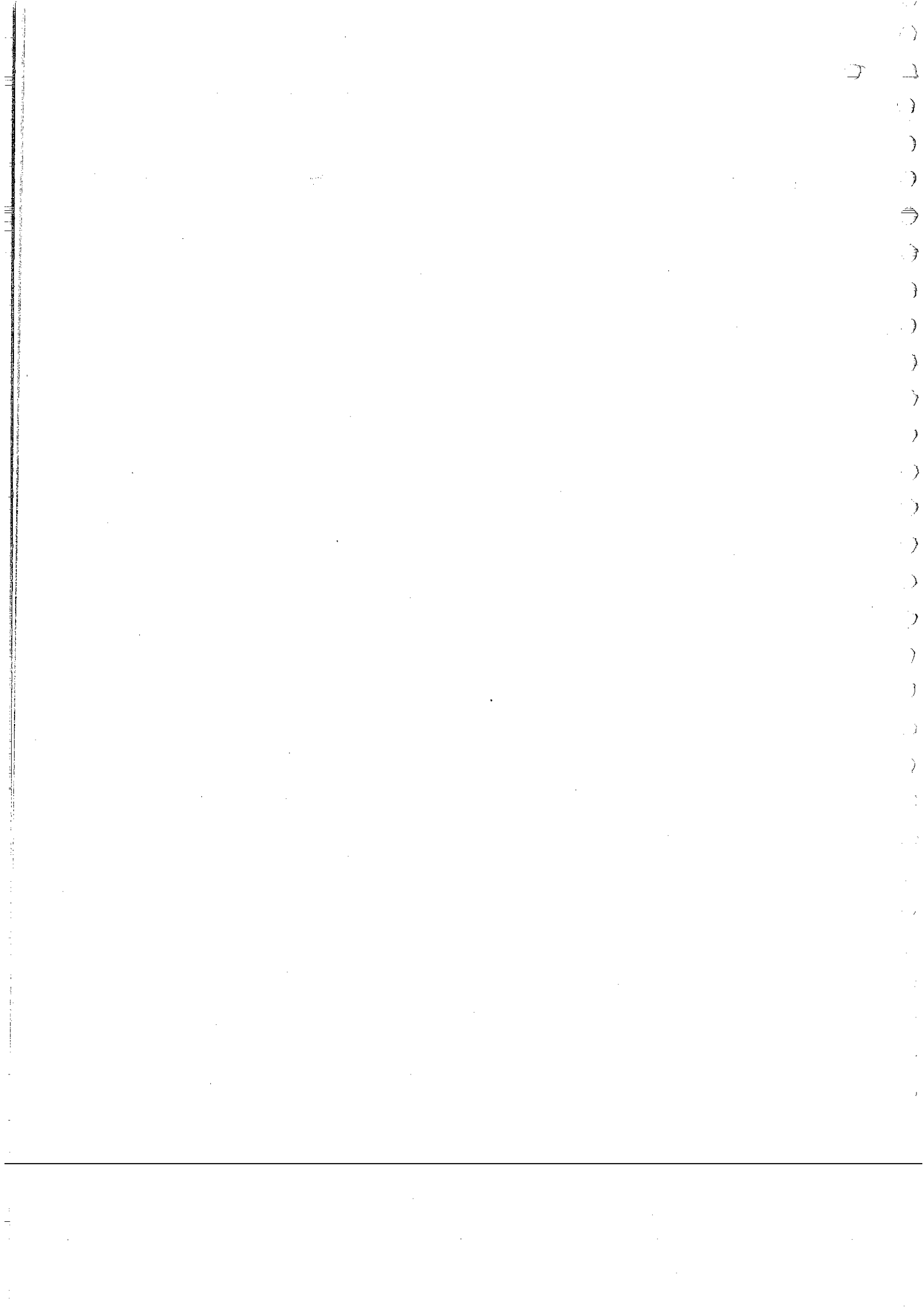


(PREM VRAT)

Encl: as above.

Sri Sudeep Banerjee
Secretary (S&HE)
Ministry of Human Resource Development
Deptt. of Secondary and Higher Education
Technical Section-1, Shastri Bhawan,
New Delhi 110001

spcjnh
Mar 22, 06



Minutes of the meeting held in the office of Sri Sudeep Banerjee, Secretary (S&HE), Ministry of Human Resource Development on March 17, 2006 at 11.00 A.M.

A meeting was held to examine the following proposals of IIT Roorkee :

1. IIT Roorkee Extension Centre at Greater Noida
2. Upgradation, Expansion and Modernisation of Saharanpur Campus of IIT Roorkee

Prof. Prem Vrat, Director and Prof. S.P.Gupta, Professor-In-Charge Planning, IIT Roorkee participated in the meeting with Sri Sudeep Banerjee, Secretary (S&HE), MHRD.

At the outset Prof. Prem Vrat expressed sincere thanks to Sri Sudeep Banerjee for his interest in the new initiatives being taken by IIT Roorkee. He then presented the proposals.

Greater Noida Extension Centre

Prof. Prem Vrat informed that IIT Roorkee intends to develop an Extension Centre at Greater Noida where a land of 10 acres has been made available to the Institute by the Government of Uttar Pradesh. This Extension Centre would primarily focus on teaching and research in the field of Information Technology which is also in the line with the wish of Govt. of Uttar Pradesh. The following activities are planned :

- (1) Modular Academic Programs
 - Certificate/PG Diploma/PG Degree Programmes :
 - (i) PG Programs
 - (a) VLSI & Embedded Systems Design
 - (b) Wireless Networking
 - (c) Mobile and Pervasive Computing
 - (d) Computer Networks Security
 - (e) Speech and Natural Language Processing
 - (ii) Part-Time MBA Programs
 - (a) Engineering and Computational Finance
 - (b) Telecommunication Management
 - (c) IT Management
 - (i) Modular Continuing Education Programs for sponsored and self financing in-service professionals

(iv) Sequential Summer/Winter Schools for Teachers of Technical Institutions

- (a) 6 weeks in Summer (June – July)
- (b) 3 weeks in Winter (December)

(2) Conference Facility

A State-of-the-art conference facility equipped with multimedia and video conferencing, would be provided to facilitate meetings, seminars, symposia, conferences, etc.

(3) Distance Learning Facility

Distance learning would be a major activity at Greater Noida, where both web-based and video-based courses would be telecast.

(4) IT-Enabled and IT-based Technical Incubation Units

(5) Industry – Institution Collaboration

(6) Facility for Faculty Section and Students placement

It is envisaged that the Greater Noida Extension Centre will have a population of students, faculty and staff totaling approximately 300.

For the purpose of above activities the building infrastructure has been planned in three phases. Phase-1, to be completed over 3 years at an estimated cost of Rs 30.00 crore will cover :

- Academic Block
- Guest House/Hostel
- Related support infrastructure

The engineering drawings have already been developed by M/s Engineers India Ltd. /s EIL who have been entrusted the construction work by the Board of Governors of IIT Roorkee.

The development of Phase-2 and Phase-3 will result from the resources generated from the activities of Phase-1. Thus a special plan grant of Rs 30.00 crore spread over three years is required by IIT Roorkee for implementing above proposal.

Sri Sudeep Banerjee, Secretary (S&HE), Ministry of Human Resource Development suggested that staff housing, proposed in Phase-2, be dropped. Prof. Prem Vrat agreed to replace the staff housing proposal by some other activity related to the proposed programme.

Prof. Prem Vrat also emphasized that IITR would ensure that the quality of teaching and research at Greater Noida Extension Centre was of highest standard.

Saharanpur Campus of IIT Roorkee

This campus is spread over an area of 25 acres and is situated at a distance of 50 km from main Roorkee Campus. Historically this campus was integrated with the then University of Roorkee in 1978 by the Govt. of Uttar Pradesh. The merger was on the condition that the Pulp and Paper Technology programmes would continue to be run at this campus.

Present Status :

The summary of present activities at this campus is given below :

Number of Departments	:	One (Department of Paper Technology)
Faculty Strength	:	21
Students Population	:	193 (B.Tech -96; M.Tech-29; Ph.D. – 25, Pre-engineering Preparatory Course for reserved category students - 43)
Supporting Staff	:	77
Academic Programmes	:	B.Tech., M.Tech. in Pulp and Paper + Ph.D. program
Boys hostel	:	130 rooms
Faculty Residences	:	30
Supporting staff residences:	:	38

From the above, it is apparent that the campus facilities are grossly underutilized.

Proposal :

It is proposed to develop the Saharanpur Campus as **Process Technology Campus** which will be unique in the IIT system.

Following academic programmes are proposed :

- 5 year Integrated M.Tech Programmes :
 - Polymer Technology (from 2006-07)
 - Pharmaceutical Science and Molecular Design (from 2007-08)
- 5 year Integrated dual degree (IDD) programs :
 - B.Tech (Pulp & Paper) + M.B.A.
 - B.Tech. (Process Engg. & Tech.) + MBA
 - B.Tech. (Process Engg. & Tech.) + M.Tech. in
 - Polymer Tech.
 - Process Instrum
 - Sugar Engg. & Tech.
 - Pulp & Paper

The total student strength is envisaged to become 650 and would lead to an optimally utilized and vibrant campus.

The number of faculty would become 73 and the number of supporting staff would become 110.

Plan grant, required to implement the above proposal, is estimated as given below :

Year	Amount (Rs. in lacs)
2006-07	575
2007-08 to 2011-12	3494

Total	4069

Sri Sudeep Banerjee, Secretary (S&HE), MHRD observed that academic programme on Printing Technology may also be included while those on Pharmaceutical Technology might be considered at a later time, preferably at main campus of IITR where a programme on Bio Technology is also available, which will be helpful in running the new programme of Pharmaceutical Technology. Prof. Prem Vrat agreed with the suggestions. He expressed sincere thanks to Sri Sudeep Banerjee for his patient hearing and constructive suggestions.

S.P. Gupta

(S.P.Gupta)
Professor-In-Charge Planning

APPENDIX 'D'
Item No. 12.3.4

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

PROGRESS OF ON-GOING WORKS (As on 20.4.2006)

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Sl No	Name of Work	Estimated Cost (Rs. in lacs)	Date of Start	Date of completion as per Bar Chart	Probable date of completion	Expenditure upto 20.4.06 Rs. in lacs	Physical Progress/ Present Status upto 20.4.2006	Remarks
1.	Construction of Main Guest House (S.H.: Balance Work)	317.00	07.06.05	Completed	Completed	310.28	Work completed. Handing over in process.	-
2.	Construction of Community Centre	173.00	27.12.05	30.10.06	30.10.06	31.11	Work in progress.	Nodelay.
3.	Construction of New Library Building	1200.00	26.02.04	30.12.05	30.6.06	672.39	Structural frame work completed. Internal & external finishing is in progress.	Some initial delay due to cutting of trees. Slow work by contractor & consultant.
4.	Construction of 75 rooms in the Ganga Bhawan	75.25	16.02.06	15.07.06	15.07.06	14.40	30% work completed so far and remaining work is in progress.	Some initial delay is due to shifting of Electric Lines, Sewer Lines, road & cycle stand etc. by the Institute.

