



Er. H.P. Singh  
Executive Engineer

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

**PTU** PUNJAB  
TECHNICAL  
UNIVERSITY

Est'd Under Punjab Technical University Act, 1999  
(Punjab Act No. 1 of 1997)

Ref. No.

PTU/EC/1907

Date

2.12.11

**The Director,**  
Department of Technical Education and  
Industrial Training, Punjab,  
Plot No. 1, Sector-36A, Chandigarh.

**Sh. S.L. Kaushal,**  
Chief Architect/Punjab (Retd),  
2865, Sector 42-C, Chandigarh.

**Sh. Amrit Sagar Mittal**  
CMD,  
Sonalika Tractors Ltd, Hoshiarpur.

**Ms. Kamna Raj Agrawal,**  
L-240, Model Town,  
Jalandhar.

**Dr. Nachatar Singh,**  
Dean (P&D),  
Punjab Technical University, Jalandhar.

**Sh. H.S. Bains,**  
Registrar,  
Punjab Technical University, Jalandhar.

**Dr. Buta Singh (Special Invitee),**  
Dean (Academics),  
Punjab Technical University, Jalandhar.

**Dr. A.P. Singh (Special Invitee),**  
Dean (Student Affairs),  
Punjab Technical University, Jalandhar.

**Sh. Rajiv Agrawal, Architect,**  
A-14, First Floor, Sector-15,  
Noida - 201301 (UP)

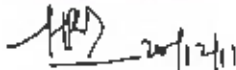
**Sub : Construction of new campus of Punjab Technical University - 30<sup>th</sup> meeting of the Standing Building Construction Committee.**

Dear Sir/Madam,

Please find enclosed herewith minutes of the above said meeting for kind information and further necessary action please. Comments, if any, may please be forwarded within 10 days of issue of this letter.

Thanking you

Yours Sincerely,

  
(H. P. Singh)

Executive Engineer

Copy to : Dr. R. S. Khandpur, Director General, PGSC, SCO 60-61, Sector 34-A, Chandigarh  
for kind information please.

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## PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of the 30<sup>th</sup> Meeting of the Standing Building Construction Committee held on 19.12.2011 under the Chairmanship of Dr. R. S. Khandpur, Director General, PGSC in his office at Chandigarh.

Committee is thankful to Hon'ble Vice Chancellor, PTU, who spared his valuable time and attended the meeting.

Following were present in the meeting:

1. Sh. S.L. Kaushal, Chief Architect, Punjab (Retd.)
2. Dr. Nachhattar Singh, Dean (P&D), PTU
3. Dr. Buta Singh, Dean/Academics, PTU
4. Dr. A. P. Singh, Dean/Student Affairs
5. Sh. H.S. Bains, Registrar, PTU
6. Sh. H. P. Singh, Executive Engineer, PTU
7. Sh. Rajiv Aggarwal, Architect, Archigroup Architects, Noida.

**Item No. 30.1 :** To confirm the Minutes of 29<sup>th</sup> meeting of Standing Building Construction Committee held on 28.10.2011.

The minutes of 29<sup>th</sup> meeting of Standing Building Construction Committee held on 28.10.2011 were confirmed by all the members.

**Item No. 30.2 :** Action taken on various items discussed during previous meetings of Standing Building Construction Committee.

Action taken on various items discussed during previous meeting of Standing Building Construction Committee is as under:

- The detailed designing for structure, HVAC, Electrical, Plumbing and Fire Fighting systems of two towers, one library and one seminar hall of proposed PIT at main campus, Kapurthala has been completed and detailed estimate of Rs.85.91 crores, (excluding external services) has been submitted by the Architect.
- Applications for one post of Assistant Executive Engineer and two posts of Assistant Engineer for Construction cell have been received and further action is being taken.
- It was also decided that a survey may be conducted for all categories of the employees to ascertain the requirements of staff quarters proposed to be constructed at main campus of the University. This work will only be planned if there is a sufficient requirement. Necessary action has been taken in this regard and survey is in progress. It was informed by EE/PTU that with the present trend of the willingness received in the survey, not more than 5% employees are willing to take staff quarters at main campus. Thus, it was decided to defer this work presently.



- To take up the detailed planning and preparation of design/drawings by the Architect, it was decided that detailed requirements (design briefs) may be prepared by the University in respect of PIT Mansa, Mohali Campus, PITTTR Jalandhar, PIT Nandgarh. For preparation of the same, committees were constituted. Report by the committees have been submitted for PIT Mansa, Mohali Campus, PITTTR Jalandhar and was discussed in the present meeting as separate Agenda Items.
- For preparing planning of PITTTR Jalandhar, it was decided that a core team from the University will visit similar institutes established by various organizations to study the infrastructure, facilities etc. provided at these institutes so that 'a state of the art' institute can be established by PTU. A team consisting of Dean P&D, Dean Academics, XEN from PTU and Sh. Rajiv Agrawal Architect from Archi Group have visited Wipro's training centre at Bangalore and Infosys's Global Training centre at Mysore. A brief report on the visit has been submitted by the team to the Vice Chancellor.

**Item No. 30.3 : To discuss and approve the requirements (Design briefs) of Mohali campus, PIT Mansa and PITTTR Jalandhar.**

The reports submitted by the Committees constituted for preparation of requirements (Design briefs) for Mohali Campus, PIT Mansa, PITTTR Jalandhar were discussed in detail and the committee decided as follows:

**A. Mohali Campus :**

It was decided that a concept paper for the various activities to be taken up at this campus may be prepared by Dean/Student affairs. The requirements will be discussed afresh after preparation of the same. It was also decided that detailed discussions may also be held amongst senior officers of PTU to finalize the most appropriate activities to be carried out at the Mohali campus.

**B. PITTTR Jalandhar :**

Following requirements were approved, in principle, for this institute. However, a concept paper shall also be prepared for this institute before advising the Architect to prepare the design/drawings for the buildings:-

- i) Class rooms of capacity 40 persons - 08 Nos.
- ii) Convention Hall of capacity 300 persons - 01 No.
- iii) Meeting Hall of capacity 50 persons - 01 No.
- iv) Conference Hall of capacity 100 persons - 01 No.
- v) Board Room of capacity 30 persons - 01 No.
- vi) Director Office and supporting staff - 01 No.
- vii) Faculty Rooms including visiting faculty - 12 Nos.
- viii) Administrative Block for sitting of two Dy. Registrar and supporting staff.

- ix) Hostels with Mess, Indoor Gymnasium, Recreation room, for stay of 300 persons, 250 rooms of single occupancy & 25 rooms of double occupancy may be planned. This will be again reviewed at the time of approval of concept design of this institute.
- x) Reception
- xi) Library ( reference only) for the facilitation of the above strength and central e-library with computer terminals.
- xii) Provision for terminals on all benches of class rooms.
- xiii) Studio for video conferencing facility – 1 No.
- xiv) Parking in the basement: Two-Tier parking may be explored.
- xv) Service Area may be planned in the basement to the extent possible.
- xvi) Mess and kitchen for hostels may be kept at the top floor/terrace. Terrace garden may also be planned. Separate service lift will be provided for the same.

It was also decided that a team from PTU should visit Staff Training Colleges of GNDU, KU and Himachal University to examine the facilities provided at these institutes. After preparation of concept report and visit to these institutes, the requirements may be reviewed before giving clearance to the Architect for preparation of design/drawings.

**C. PIT Mansa :**

The committee agreed that total planning of this Institute will be done for all courses for 2620 students and the detailed requirements and priorities of works will be as under:

**Priority I :**

- a) Boundary Wall
- b) Junior Science block for housing 10+1 & 10+2 students (540 nos.)
- c) Administrative Block having sitting arrangements for the following officers :-
  - i) Director, one committee room and supporting staff.
  - ii) Dean/ Academics with supporting staff.
  - iii) Dean/ Administration with supporting staff including Finance, Purchase etc.
  - iv) Dean/ R&D and consultancy with supporting staff.
  - v) Dean/Student Welfare

**Priority II**

Main campus of the Institute with all departments, library cum canteen and common facilities.

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**Priority III**

Hostels, faculty accommodations and convention centre.

**Item No. 30.4 :** To review the tendering process of engagement of executing agency for PIT Kapurthala.

The Committee decided that for engagement of contractors for construction of PIT, Kapurthala, the process of pre-qualification of the agencies may be initiated immediately.

The Architect was advised to prepare the pre-qualification document to enable PTU to issue press advertisement for pre-qualification of contractors.

**Item No. 30.5 :** To discuss and approve the plans of buildings taken over from CAPARO society and finishing schedule of these buildings.

Lot of discussions and deliberation were held on the plans of the partially buildings taken over from CAPARO society were held and committee approved the plans with following arrangements:

**1. College Buildings : (Option-II of the presentation by the Architect):**

Administration, Library and Canteen are included in the college building. With this scheme, there will be 20 Nos. of classrooms and 6 Nos. of Laboratories.

**2. Hostels : (Option-II of the presentation by the Architect):**

With this scheme, the capacity of one hostel will be 92. Minor modifications, if required, will be worked out by the Architect.

Following finishing schedules have also been approved for these buildings:

**1. COLLEGE BUILDINGS**

• GRANITE TILES:	All areas except toilets
• KOTA STONE:	Workshops
• VITRIFIED TILES (NON SKID):	Dado in Toilets
• PLASTIC EMULSION WITH PUTTY	All Areas except in Ceilings
• OBD WITH PUTTY	Ceilings in all areas.

**2. ADMINISTRATION AND LIBRARY**

• GRANITE TILES:	All areas except toilets
• VITRIFIED TILES (NON SKID):	Toilets
• GLAZED CERAMIC TILES	Dado in Toilets
• PLASTIC EMULSION WITH PUTTY:	All areas except Ceiling
• OBD WITH PUTTY	Ceilings in all areas.

3. HOSTELS

- VITRIFIED TILES (NON SKID): Toilets
- GLAZED-CERAMIC TILES Dado in Toilets
- KOTA STONE: All areas except toilets.
- OBD WITH PUTTY: All internal areas.
- BLACK GRANITE KITCHEN  
COUNTERTOP:

4. CANTEEN

- VITRIFIED TILES (NON SKID): Toilets
- GLAZED CERAMIC TILES Dado in Toilets
- KOTA STONE: All areas except toilets.
- OBD WITH PUTTY: All internal areas
- BLACK GRANITE KITCHEN  
COUNTERTOP:

5. EXTERNAL FINISH

- Washed stone grit plaster Hostel buildings (as per elevation)
- Weather Exterior paint All areas except Hostels building

6. DOORS AND WINDOWS

- WINDOWS Anodized aluminum with reflective single glass
- STRUCTURAL GLAZING Anodized aluminum with reflective glass (single/double as required)
- DOORS Aluminum Frames with laminated board shutters/ flush shutters

The Architect was advised to prepare detailed design and estimates for these buildings based upon the above decisions.

**Item No. 30.6 :** To discuss and approve rough cost estimates based upon plinth area rates of CPWD of buildings taken over from CAPARO society.

The rough cost estimate of Rs.2022.97 Lacs for the balance works of the buildings taken over from CAPARO society for a covered area of 9258 Sqm.was approved. The cost per Sq. ft. works out to be Rs. 2031/-.. The major works included in this estimate are part academic block with workshop, administrative block, canteen and two hostels, which have been partially constructed (foundations have been completed for these buildings and one slab has been cast for one hostel building).

**Item No. 30.7 :** To discuss and approve the design scheme and estimate of boundary wall of PIT Mansa.

After detailed discussions and deliberation, the Committee approved provision of Pre-fabricated concrete panels for side Walls and solid concrete blocks in place of bricks in front wall with grills. The estimated cost for this work will be about Rs. 300 lacs with an approximate length of boundary wall as 4200 metre.

The Architect was advised to submit the detailed bill of quantities, estimate, specifications and tender documents for this work to enable PTU to invite tenders for this work.

**Item No. 30.8 :** Construction of camp/site office at PIT Mansa and PIT Nandgarh.

Noted

The meeting ended with thanks to the chair.

