



**Er. H.P. Singh**  
Executive Engineer

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ  
**PTU** PUNJAB  
TECHNICAL  
UNIVERSITY

Estd. Under Punjab Technical University Act, 1996  
(Punjab Act No. 1 of 1997)

Ref. No. Pw/ec/753

Dated 06/08/2014

**Sh. D.L. Sharma**, President,  
Vardhman Spg. & Gen. Mills Ltd.,  
Chandigarh Road, Ludhiana.

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

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

**Sh. A. N. Chowdhry (Special Invitee)**,  
3-B, Jyoti Nagar,  
Jalandhar.

**Er. Jaswant Singh Pabla (Sp. Invitee)**,  
(Electrical Expert)  
House No. 2631, Sector-79, Mohali.

**Sh. Inderjit Kumar (Special Invitee)**,  
(PH Experts)  
House No. 116, Phase 3B/I, Mohali.

**Sh. Rajiv Aggarwal, Architect**  
M/s Archigroup Architects,  
A-14, First Floor, Sector-15, Noida -201301.

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

**Er. A. K. Prabhakar**,  
OSD to Vice Chancellor,  
Punjab Technical University, Jalandhar.

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

**The Registrar**,  
Punjab Technical University,  
Jalandhar.

**Dr. Prabhjot Kaur (Special Invitee)**,  
Officiating Director Mohali Campus,  
C102B, Phase-7 Industrial Area, Mohali.

**Sh. P. S. Saini**,  
Superintending Engineer,  
PGI, Chandigarh.

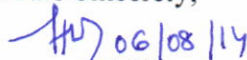
**Sub : Construction of new campuses of Punjab Technical University – 43<sup>rd</sup> meeting of the Standing Building Construction Committee.**

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, DG, PGSC (Retd), Science House, H. No. 2901, Phase 7,  
(Sector 61), Mohali.

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# PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

**Minutes of the 43<sup>rd</sup> Meeting of the Standing Building Construction Committee held on 01.08.2014 under the Chairmanship of Dr. R. S. Khandpur, Director General, PGSC (Retd) at PTU's Mohali campus.**

Following were present in the meeting:

1. Sh. S. L. Kaushal, Chief Architect, Punjab (Retd),
2. Sh. A. N. Chowdhry, Chief Engineer, PWD (Retd),
3. Sh. Jaswant Singh Pabla, Chief Engineer, PSPCL (Retd)
4. Sh. P.S. Saini, Superintending Engineer, PGI, Chandigarh
5. Sh. Inderjit Kumar, Executive Engineer (Retd), Public Health Expert
6. Sh. H. P. Singh, Executive Engineer, PTU.

*From Archigroup Architects, Noida:*

7. Sh. Rajiv Aggarwal, Architect
8. Ms. Prerna Sharma, Architect
9. Sh. Satinder, Architect
10. Sh. Nitin Gupta, Consultant, Video Projection and Sound Reinforcement system
11. Sh. Ajay Wats, Consultant, Acoustic and Street Lighting.

**Item No. 43.1 : To confirm the Minutes of 42<sup>nd</sup> meeting of Standing Building Construction Committee held on 16.07.2014.**

As no comments had been received, the minutes of 42<sup>nd</sup> meeting of Standing Building Construction Committee held on 16.07.2014 were confirmed.

**Item No. 43.2 : Action taken on various items discussed during previous meetings of Standing Building Construction Committee.**

It was informed by the Executive Engineer/PTU that following actions have been taken on various items discussed during previous meeting of Standing Building Construction Committee:

- The provisions/specifications for video presentation system, sound reinforcement system, stage lighting, fire fighting, wall paneling and acoustic treatment for proposed auditorium at main campus, Kapurthala are to be presented in the present meeting.
- The patterns for exterior finishes of hostels and auditorium proposed to be constructed at main campus, Kapurthala are to be discussed in the present meeting.
- The flooring patterns for circulation area and VIP Banquet hall of auditorium proposed to be constructed at main campus, Kapurthala are to be presented by the Architect in the present meeting.
- The estimate for raising, repairing and painting of existing boundary wall of main campus, Kapurthala has been forwarded to PWD for further action at their end.
- The detailed designing and estimation for Bank & Post office buildings and roads for main campus, Kapurthala has been started by the Architect.



**Item No. 43.3:** To discuss, analyze and approve the provisions/specifications for video presentation system, sound reinforcement system, stage lighting, fire fighting, wall paneling and acoustic treatment for proposed auditorium at main campus, Kapurthala.

After detailed discussions and deliberations on the presentations made by the Consultants engaged by the Architect and by Sh. Rajiv Aggarwal, Architect, following decisions have been taken by the committee:

**a) Acoustic Treatment :-**

- i. All the materials proposed to be used for this work should preferably be manufactured in India. The technical specifications of such materials, their comparative cost to be put up in the next meeting. The costing of this work will also be revised accordingly.
- ii. Committee agreed for provision of push back chairs with wooden arm rest and without cup holder.
- iii. All the wood to be used should be pre-treated against termite.
- iv. Provision for three motorized curtains shall be made on the stage. The front curtain will be uplifting and rear curtains will be side moving.
- v. Fixed cyclorama will be provided and the same will also act as a rear wall of the stage.
- vi. Carpet will be provided in the aisles only and remaining area will be covered with PVC or linoleum sheets.
- vii. The design/scheme of the treatment proposed for the walls of the auditorium shall be presented to the committee for approval.

**b) Stage Lighting System :-**

- i. Provision of three lighting bars over the stage and one in front of the stage is approved.
- ii. All lights will be LED lights and a combination of normal and intelligent light fittings to be provided.
- iii. Provision of suitable cat-ladders for maintenance of lights is to be provided.
- iv. Lighting control is to be provided in the projector room.



**c) Sound Reinforcement System :-**

- i. Provision of stereo sound system with hanging/flying line-array FOH speakers and subwoofer is approved. However, no provision is to be made for 5.1 sound system.
- ii. Front fill speakers on vertical wall of stage and stage fill speakers along with stage monitor are to be provided.
- iii. Sufficient microphone connection socket would be provided in the stage for easy access.
- iv. The SPL, STI and other performance related specifications for audio systems to be submitted along with design so that the same can be verified after implementation.

**d) Audio Video System :-**

- i. Provision of two side screens in the auditorium hall is not to be kept. However, provision for TVs is to be kept in VIP suite, VIP banquet and student's verandah.
1. Video projector of 20000 ANSI lumens at control room is to be provided.
2. Minimum 2 presentation point at stage for connecting booth of analogue- VGA and digital inputs – HDMI from laptop/computer to be provided.
3. All the controls should be provided in the control room to be set up on one side of the stage.
4. No provision for inter-active touch screen at podium and video conferencing system is to be kept.
5. Stage Monitor Screen of 55" or suitable higher size to be provided for people at Dias /Podium.

**Item No. 43.4 : To discuss and approve the patterns for exterior finishes of hostels and auditorium proposed to be constructed at main campus, Kapurthala.**

The patterns presented by the Architect for exterior finishes of hostels and auditorium were approved by the committee.

**Item No. 43.5 : To discuss and approve the flooring patterns for circulation area and VIP Banquet area of auditorium proposed to be constructed at main campus, Kapurthala.**

It was decided that some more patterns may be presented by the Architect so that appropriate decision is taken in this regard.

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

