

**Minutes of the meeting of the committee constituted for the construction of
PTU Campus held at 1100 hrs on 15th September, 05**

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A meeting of the construction committee constituted by the BOG PTU for construction of PTU campus was held at 1100 hrs on 15.09.05 in the office of Sh. K.K. Bhatnagar, IAS, Principal Secretary Technical Education, Punjab.

The following were present:

Sh. S.L. Kaushal	Chief Architect Punjab
Sh. A.N. Chowdhry	Chief Engineer
Sh. N.S. Kalsi	IAS
Dr. M.S. Grewal	Registrar PTU

Also present

Dr. S.K. Salwan	by invitation
Sh. Rajiv Aggarwal	Architect
Sh. Jiwan Kapur	Architect

Leave of absence was granted to:-

Sh. Chandra Mohan
Dr. R.S. Khandpur

8.1 The Registrar briefed the committee that minutes of the meeting of the committee held on 7th September, 05 had been circulated to all the members and were a part of the agenda. The committee confirmed the minutes.

8.1.1 The committee noted action taken report as included in the agenda.

8.2 The Vice Chancellor brought the following to the notice of the committee:

- a) The architect has worked out approximate cost estimate for the buildings proposed by the committee to be constructed. Reference to the previous meeting article 7.1.4, the approx. estimate is Rs.63,45,00000 (page-8 of the agenda)
- b) The university did not have funds to undertake construction to the extent of 64 crores. The university could make available only upto about 40 crores for the purpose and if we go ahead for construction of building as recommended additional funds would have to be mobilized by the Govt. of Punjab that is remote possibility.

- c) The current requirement of the university in terms of floor area was approximately 2 lakh sq. ft. The proposed construction of 4 lakh sq. ft. was in excess of the immediate requirement and hence is likely to be under utilized. The university did not envisage any additional requirements within next 3 years.
- d) Since the buildings are going to be permanent a thorough review may be carried out taking into consideration futuristic plans and contemporary technologies.
- e) The final design of the building must also cater not only for expansion but vision of the university in its totality as also of the Industry & Schools of Excellence likely to come up on campus.
- f) All the floors must be constructed in Phase-I
- g) The building must be completed within next 11 months as the university has no place at present for its proper functioning and is housed in makeshift premises of B.Ed. College, Jalandhar

8.3 The members deliberated on the issue and were of the opinion that whereas one high rise building could be sufficient as far as space requirements of the university is concerned, however, such building may not be possible to be completed by 30th October, 06 the target date of completion of works. Hence the university may not be able to commence its operations from its permanent site within next two years.

8.4 Taking into consideration cost of air conditioning (installation and running), the committee was of the view that the campus must have captive power plant which may also cater to the needs of nearby undertaking of the govt. such as Pushpa Gujral Science City, Swarn Singh Institute of Non- conventional Energy Resources etc. For this the university may go in for joint venture with private companies. Expression of Interest for this purpose may be floated by the university. The Power plant may be permitted to function on BOT/BOOT system.

8.5 The committee made the following additional points:

8.5.1. The offices must be designed in such a way that there were minimum paper work and all offices were equipped for high bank connectivity. For this purpose the power of each PC should be based on 150 watt per system and not at 350 watt as was of usual practice.

- 8.5.2 The lighting in the rooms may be on differential pattern thereby accounting to be 350 lux in the work area and 110 lux in general.
- 8.5.3 The building being air conditioned should have complete insulation
- 8.5.4 The committee decided against going for air cooled room. However, the proper ventilation is required to be provided.

The meeting came to an end with the vote of thanks to the Chair.

Draft minutes as above are submitted for approval please


Dr. M.S. Grewal

Chairman Construction Committee. (PSTG)

Registrar
16 Sep 05

Ref. No. PTU/Reg/5874

Dated: 23.09.05

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The following were present:

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Sh. S.L. Kaushal	Chief Architect Punjab
Sh. A.N. Chowdhry	Chief Engineer
Dr. M.S. Grewal	Registrar PTU

Also present

Dr. S.K. Salwan	by special invitation
Sh. Rajiv Aggarwal	Architect
Sh. Jiwan Kapur	Architect

Leave of absence was granted to:-

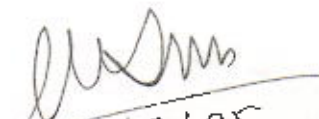
Sh. Chandra Mohan	Member
Dr. R.S. Khandpur	Member

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- b) The university did not have funds to undertake construction to the extent of 64 crores. The university could make available only upto about 40 crores for the purpose and if we go ahead for construction of building as recommended additional funds would have to be mobilized from the Govt. of Punjab which is a remote possibility.
- c) The current requirement of the university in terms of floor area was approximately 2 lakh sq. ft. The proposed construction of 4 lakh sq. ft. was in excess of the immediate requirement and hence is likely to be severely under utilized. The university did not envisage any additional requirements at least within the next 3 years.
- d) Since the buildings are going to be permanent a thorough review may be carried out later taking into consideration futuristic plans and contemporary technologies.
- e) The final design of the building must also cater not only for expansion but the vision of the university in its totality as also of the Industry & Schools of Excellence likely to come up on the campus.
- f) All the floors of a building must be constructed in Phase-I because of the difficulty of relocating support services later.
- g) The building must be completed within next 11 months as the university has no place at present for its proper functioning and is housed in makeshift premises of B.Ed. College, Jalandhar

8.3 The members deliberated on the issue and were of the opinion that one high rise building G+7 could be sufficient as far as space requirements of the university is concerned. However, the completion of such a building may not be possible by 30th October, 06.


8.4 Taking into consideration the cost of air conditioning (installation and running), the committee was of the view that the campus must have a captive power plant which may also cater to the needs of some neighbouring establishments such as Pushpa Gujral Science City, Swam Singh Institute of Non- conventional Energy Resources etc. For this the university may go in for a joint venture with private companies. Expression of Interest for this purpose may be floated by the university. The Power plant may be permitted to function on BOT/BOOT system.


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8.5 The committee made the following additional points:

- 8.5.1. The offices' functioning must be designed in such a way that there was minimum paper work and all offices were equipped for high band-width connectivity. For this purpose the power of each PC should be based on 150 watt per system and not at 350 watt as was the usual practice. The routine structure of superintendents/ Assislants/ Clerks should be avoided.
- 8.5.2 The lighting level in the rooms may be on differential pattern thereby accounting to be 350 lux level in the work area and 110 lux level in the general.
- 8.5.3 The building being air-conditioned should have complete insulation. An average temperature of 27°C may be maintained with circulation of air through providing fans.

The meeting came to an end with the vote of thanks to the Chair.


Dr. M.S. Grewal
Registrar
23-9-05