PT4 Reg 250-4

## PUNJAB TECHNICAL UNIVERSITY JALANDHAR

AGENDA FOR THE FOURTH MEETING OF
THE BOARD OF GOVERNORS
TO BE HELD ON 7<sup>th</sup> October, 1998
IN THE COMMITTEE ROOM OF
DIRECTORATE OF TECHNICAL EDUCATION &
INDUSTRIAL TRAINING PUNJAB, CHANDIGARH

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### ITEM NO.1: Confirmation of the proceedings of the 3<sup>rd</sup> meeting of Board of Governors held on 18.05.1998

The 3<sup>rd</sup> meeting of the Board of Governors, PTU was held on 18.05.1998 in the Committee Room of the Directorate of Technical Education & Industrial Training, Punjab, Chandigarh. The proceedings of this meeting were circulated vide this office letter No.01.11.12.123-131 dated 15.6.98, placed as Annexure I, pages 20 to 22. No comments have been received from any of the members of the Board.

# ITEM NO.2. Note regarding detection of errors and discrepancies in the CET-1998 result and subsequent issuance of revised result

The Government of Punjab vide notification No. 35/1/97-1TE-II/305 dated 21<sup>st</sup> January, 1998 issued by the Principal Secretary, Technical Education & Industrial Training, Govt. of Punjab, Chandigarh (Annexure II pages 23 to 28) entrusted the conduct of CET-1998 to Punjab Technical University, Jalandhar. The Vice-Chancellor, Punjab Technical University, Jalandhar nominated Dr. D. S. Kumar as the Coordinator. Prof. Jagmohan Singh was entrusted with the job of computer evaluation and compilation of the result. The examination was conducted on 24.5.1998 and the result was declared on 12.6.98. The first counselling was started on 7.7.98 and it was over on 27.7.98.

In the meanwhile, two Writ Petitions viz CWP No 9486 of 98 & CWP No 9716 of 98 were filed in the Hon'ble Punjab & Haryana High Court. The Hon'ble court summoned the answer books of the petitioners viz Mr Ankit Jain & Mr Aditi Jain respectively. On examination of the record, it was found by the university that there was a miscarriage of instructions given to students, in filling up the OMR Sheets and accordingly the computer awarded zero mark to these students in the Objective test. In deference to the suggestion made by the Hon'ble Punjab & Haryana High Court, the University agreed to condone this error, and made necessary correction in the result. An assurance was also given to the Hon'ble High Court that other O M R's would be checked in order to detect and correct similar cases. Both the said cases were disposed of on 8/7/98. The High Court termed this action of the University as fair.

Subsequently, the University received applications from a number of students requesting the University to re-check their paper(s) and revise the result, if necessary, and as per the assurance given to the Hon'ble Court, the University re-checked these cases and results of 25 candidates were revised and intimated to the candidates. This exercise was conducted from 9.7.98 to 27.7.78. One of these candidate was Mr Vivek Jain whose result was revised and conveyed to him. He subsequently went to the court with the plea that he did not apply earlier in view

of his poor merit, but should now be considered as per his revised merit and be allotted a seat accordingly. This exercise of revising the result was conducted from 9.7.98 to 27.7.98.

During the course of above check, it was observed that zero awards in the Objective type paper were due to one of the following reasons:-

- a) Computer compiled zero due to positive & negative marks.
- b) Incorrect fill up of Roll No. by candidates
- c) Incorrect fill up of test booklet number by candidate.
- d) Filling of OMR sheets with ink.
- e) Computer input deficiencies.

Meanwhile, in the Writ Petition filed by Vivek Jain (i.e. the present writ petition), the Hon'ble Court stayed the entire counselling / admission process on July 29, 1998. On August 3, 1998, this Hon'ble Court directed the University to give a break-up of correct / incorrect answers for all the 601 cases of computed zero due to positive & negative marks. The break-up was supplied on August 6, 1998. The Hon'ble Court then directed the University to give a similar break-up for all zero awards by the computer because of one or the other reason. The details supplied pursuant thereto were as under:

Subject	Total scored zero	on Papers: The	ubjective pa			
of Physics	carrying o mai	Correctly computed zero (due to +ve / - ve marking)	Absence of candidate	Due to incorrect Roll No.	Due to incorrect TBN	Computer input deficiency
Math	333	150	106	42	35	Nil
Physics	459	263	124	36	36	Nil
Chemistry	1094	188	30	96	97	683
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Total	1886	601	260	174	168	683

The University was also directed to arrange re-checking of 10 % of OMRs in respect of all the three subjects, on random sampling basis, and cross check with manual evaluation.

This work was taken up on 7.8.98. The exercise revealed the following types of computational deficiencies:-

- Feeding of wrong answer in respect of one out of 60 questions in a set for each of the three subjects in the comparator master sheet for evaluation;
- One batch of OMR sheets escaped computer evaluation resulting in zero award;
- iii) In one batch, wrong batch key was fed in the subject of Chemistry resulting in erroneous computer evaluation.
- iv) A "rounding off" error due to data transfer process.

This induced the University to decide that the whole result should be re-checked. The exercise started on 8.8.98 and on 10.8.98, the Hon'ble Court allowed the University to go in for complete re-check and to place the revised result before the court on 17.8.98.

With the help of computer experts from the REC Jalandhar and Punjab State Board of Technical Education, all the computational deficiencies were resolved and a complete re-check of the result was completed. 2500 OMR sheets of three subjects were also checked manually to compare the result with revised computer evaluation.

Subjective type Question Papers: The subjective paper for each of the subjects of Physics, Chemistry & Mathematics had 10 questions of total 60 marks; each question carrying 6 marks. For each subject, a Co-ordinator-cum-Head examiner was appointed and the evaluation was got done by experienced teachers drawn from Universities and Engineering Colleges. Each examiner was allotted only one question for marking and as such every answer book was evaluated by 10 examiners. Ten percent of the marked answer books were re-evaluated by the head examiner and subsequently checking assistants made checks for correct total and to ensure that no question has escaped evaluation. Now, again 1500 Subjective Type question papers have been got rechecked manually to ensure that no question had escaped evaluation and the totals were correct.

On 17.8.98 the revised result was placed before the Hon'ble Court. The Hon'ble Court directed the University to bring out details of cases in which marks have been reduced alongwith the reasons therefor on 20.8.98. The same was done on the said date.

The re-check exercise has brought to light the following points:

- (I) a) For preparation and compilation of Objective Type result, OMR answer sheets were read with the help of Optical Mark Reader.
  - These were processed for evaluation using "Excel Spread Sheet" software.
  - b) The processed data was transferred to another computer for compilation of the result with the help of "Fox Pro Database" software.
  - c) From the processed data the Roll No. and the corresponding score were saved in the dbase format to be used by the Fox Pro data base in another computer.
  - d) During this process of transfer of data, one of the operators gave the command 'Save As dbase file' little knowing that it would result in rounding off the score in dbase format due to a built-in feature of the sophisticated Excel software. This resulted in change of awards as under (example):
    - 4.75 was rounded off to 5
    - 4.50 was rounded off to 5
    - 4.25 was rounded off to 4

The other operator took care to give the proper command (vis. 'format with decimal') so as to ensure transfer of data without any rounding off. The 'rounded off 'took place in respect of all centres except Sangrur, Gurdaspur and Kurukshetra, the total number of centres being 12.

(II) During manual re-checking of a few OMR results, it was found that the answer to one question out of 60 questions in one of the four sets used for each of the three subjects was entered incorrectly in the comparator master sheet. The resultant change due to this factor may cumulatively range from

- 3.75 to + 3.75, for all the three subjects. This software programme input error has been rectified while preparing the revised result. It may be mentioned here that for each subject there are four sets, each set containing the same 60 questions but jumbled in a different sequence.

(III) Another operational error took place in respect of a block of 786 students in the subject of Chemistry, when a wrong batch key was used for scoring (Key 21 in place of Key 22). After applying correct key, the marks of all the candidates in this block have increased barring 8 cases of decrease. The eight cases of decrease include the case of maximum decrease of Roll No. 42516, whose marks have decreased by 21.25. The score of this candidate was earlier 31.25, which after application of the correct key has been reduced to 10.00. This has also been manually verified.

A total of 14,948 candidates had taken the CET-98 held by the Punjab Technical University on May 24, 1998. The total number of OMRs (answer-sheets of the objective type portion of the paper) in the three subjects of Physics, Chemistry and Mathematics, answered were 44,584. All these 44,584 OMRs have now been rechecked and the result comprehensively revised. The exercise has resulted in the following changes as compared to the original result:

(i) Total no. of candidates whose ranks have changed

: 14,947

(that is to say, all candidates except the candidate at Rank 1, Ankur Garg. This is because the rank No.2 was altered, and subsequent ranks got revised)

(ii) Total no. of candidates whose marks have changed

: 7478

(iii) Total no. of candidates whose marks have increased

: 4365

331

Total no. of candidates whose marks have decreased : 3113 Total no. of candidates who were not qualified earlier but have now qualified : 353 The break-up of these 353 candidates is as follows: General (Engg.) 294 SC/ST (Engg.) 038 General (Architecture) 021 Total no. of candidates who were earlier qualified but have now become not qualified (NQ) : 57 The break-up of these 57 candidates is as follows: General (Engg.) 48 SC/ST (Engg.) : 09 (vii) Total no. of candidates with zero score (after recheck) : 591 The break-up of these 591 candidates is as follows: Physics : 232 Chemistry : 142 Mathematics : 217 The result for the zero scroe are as follows: Zero score due to absence of candidate 260 Physics: 124 Chemistry: 30 Mathematics: 106

Correctly computed zero score

Physics: 108 Chemistry: 112 Mathematics: 111

viii) The Five SC candidates, who were earlier admitted on the basis of the originally prepared CET result, have now become un-qualified as per the revised result:

Sr. No.	Roll No.
1	73641
2	72471
3	72112
4	12573
5	73153

A total of 1986 candidates had been admitted in the first counselling held from July 7 to 27, 1998. The break-up of the same is as under:

1)	No. of candidates admitted in	
	General Category	: 1088
ii)	Candidates admitted in SC/ST	
	Category	: 324
iii)	Candidates admitted in other	
	Reserved Categories	: 520
iv)	Candidates admitted against	
	Payment Seats	: 54
	Total	: 1986

Out of the aforesaid 1986 candidates, a total of 85 candidates have subsequently withdrawn their candidature.

The total number of seats presently available to be filled up on the basis of CET-98 is 2926. 260 of these 2926 seats have become available after the completion of the originally held first counselling.

In so far as future action is concerned, the University submitted the proposal to the Hon'ble court in the form of an affidavit from the Registrar and based on this affidavit, the Hon'ble Punjab & Haryana High Court pronounced the interim judgement on 4.9.1998 (Annexure III pages 29 to 38).

Keeping in view the above judgement, the University got published the revised result in the Tribune, Punjab Kesri & Jagbani and also got published the composite notice in the English Tribune, The Ajit, Punjab Kesri, Indian Express & The Hindu on 6.9.98.

As directed by the Hon'ble Court, the University also published a preamble with the revised gazette (Annexure IV page 39)

Pursuant to the judgement of the Hon'ble Punjab & Haryana High Court, Lok adalat was held at Punjab Technical University on 12 & 13.9.98. 963 candidates appeared before the Lok adalat and the results of 103 candidates were changed as per the following details:-

1.	No.of students appeared	14950
2.	No. of students qualified	9214
3.	No. of cases handled by Lok Adalat	963
4.	Results modified by Lok Adalat	112
5.	Qualified amongst modified	105
6.	Not qualified amongst modified	5
7.	Result remain unchanged amongst modified	2
8.	Cause of Modifications:-	50

- a) Errors in Answers by candidates condoned by Lok Adalat
- b) Errors due to difference between manual & computer evaluations and or due to insufficient shading of bubbles.
- c) Errors due to wrong filling of sheet No./Key
- i) Errors due to wrong posting of marks obtained 62
- ii) Errors in manual totalling or compilation in subjective papers

When the above court proceedings were going on, the Vice-Chancellor, PTU instituted the fact finding enquiry on 3.8.98 and Dr. P. S. Kalsi, Director of Colleges, PTU was appointed as the Enquiry Officer (Annexure V, page 40 ) The Enquiry Officer, Dr. Kalsi has submitted an interim report on 18.8.1998 (Annexure VI pages 41 to 43. For the follow up on this report, could not be initiated as the mater has been sub-judiced and still remains so. However, the Enquiry Officer has been asked to obtain more detailed information in amplification of the report This matter could not be pursued with the desired speed as the entire staff of the University has been engaged in the case pending before the Hon'ble Punjab & Haryana High, organising Lok adalat and subsequent re-counselling for the placement of students in the affiliated Engineering Colleges. The University shall follow the matter vigorously as soon as the final judgement of the Hon'ble High Court is pronounced, the hearing for which has been fixed on 9<sup>th</sup> October, 1998.

#### ITEM NO. 3 Insignia for seal of the University

According to Clause 14 (8) (j) of PTU Act, the Board of Governors is the competent authority to decide upon the form and use of common seal of Punjab Technical University. Punjab Technical University suggest the adoption of the Insignia for University seal as per the drawing placed as Annexure VII, page 44.

The description of the seal is as under:-

- i) The three waves are indicative of the rivers of Punjab.
- ii) The flame denotes knowledge.
- iii) The birds denote flight for higher pursuits.
- iv) The inner circle configurated as gear teeth, Dish Antenna and the Transmission tower in the seal are indicative of Technology.
- v) The two calliper supporting the seal are symbolic of Technology.
- vi) The theme (Sarbat da bhala) " the well being of all "- symbolizes the aim of Technical Education.

The drawings of the Insignia without the description mentioned at Sr. No. (i) and (iv), is also enclosed and the members may like to suggest with other suitable symbols of Technology

# ITEM NO. 4: Grant of affiliation for Bachelor in Business Administration and Bachelor in Computer Application Programme

While considering Item No. 3 of the agenda of the 3<sup>rd</sup> meeting of the Board of Governors, Punjab Technical University held on 18.5.98, the Board constituted the following committee to formulate the guidelines for the grant of affiliation for the above courses:-

- 1. Sh.S.P.Oswal, Chairman, Vardhman Group of Companies, Ludhiana- Chairman
- Sh. Inderdeep Singh, President & Executive Director, Continental Device India Limited, New Delhi.
- 3. Dr. V.S. Raju, Director, Indian Institute of Technology, New Delhi
- 4. Sh. K. K. Dhir, Registrar, Punjab Technical University, Jalandhar

It may be mentioned here that Panjab University, Punjabi University and Guru nanak dev University, all located in Punjab, have liberally granted affiliations to about 40 colleges for BBA / BCA courses from the current session in great haste. This is indicative of the popularity of these courses ever since this University initiated them in 1997-98 session. This also confirms the scholastic appreciation of the desirability of starting these courses.

Further, these courses pertain to Management & Computer Education disciplines, which have been termed as technical by AICTE & have been placed under the purview of AICTE & thus naturally should be dealt with under the aegis of PTU in the State. The matter has already been brought to the notice of the Govt. for suitable action and issue of direction.

The committee had two sittings. The recommendations of the committee are placed as Annexure VIII pages to 45 to 48.

ITEM NO. 5 Grant of recognition and certification of inservice technical, professional and management courses and also starting correspondence courses for service personnel at graduate and postgraduate level.

The Principal Secretary to Governor, Punjab forwarded a proposal received from Admiral Vishnu Bhagwat, Chief of the Naval Staff relating to the above subject as contained in letter dated 2<sup>nd</sup> April, 1998 addressed to His Excellency Governor of Punjab (Annexure IX page 49 to 51). Subsequently, the concerned officers contacted the University and supplied the details of various courses. These are under study by the experts of the university. Similar proposals have been received from the Armed Forces also.

The Hon'ble Governor of Punjab has now desired that the matter may be placed before the Board of Governors for consideration in its next meeting (Annexure X page 52).

The letter has been sent to the University by the State Govt. for consideration.

Clause 5 (1) of the Punjab Technical University Act contains the following provision with regard to the grant of affiliation:-

"The territorial limits in which the University shall exercise its power and perform its duties shall be the whole of the State of Punjab and other regions outside the State of Punjab as may be decided by the Board of Governors from time to time subject to any regulation and statutes"

The Board may consider the proposal in principle and subsequently other modalities wild be worked out in consultation with the concerned officers of the Armed Forces in accordance with the Regulations of Punjab Technical University.

### ITEM No. 6: Grant of affiliation to North Eastern Regional Institute of Science & Technology, Nirujli, Arunachal Pradesh

The proposal for the grant of affiliation to North Eastern Regional Institute of Science & Technology, (NERIST) Nirujli, Arunachal Pradesh for M.Tech. Programme (1) Information Technology and (2) Environmental Science & Engineering was placed before the Board of Governors in its Second meeting held on 20<sup>th</sup> March, 1998 vide Item No. 17 (Annexure XI pages 53 to 58).

The Board took the following decision:-

"The Board of Governors deliberated the issue in detail and unanimously decided that as the University has not so far either defined the regions or framed regulations as required by the Act, nor the same have been approved by the B.O.G, therefore, the matter concerning affiliation to the institutes located outside the State of Punjab cannot be considered nor any such affiliation can be granted. Moreover, lack of resources and man power does not allow the University to properly oversee the activities of institutions located outside the State of Punjab. Therefore, grant of affiliation to North Eastern Regional Institute of Science & Technology, Nirujli, Arunachal Pradesh is not approved. The Vice-Chancellor is also advised to put up a detailed policy paper on the subject"

The Ministry of Human Resource Development, Department of Education, Govt. of India, New Delhi vide their letter No. 27-11/96/TS.IV dated 26<sup>th</sup> June, 1998 have now approached the State Government for granting affiliation to the above Postgraduate Programmes of NERIST from the session 1997 (Annexure XII page 59 & 60).

The letter has been sent to the University by the State Government.

Punjab Technical University has already intimated the NERIST that it will not be possible for the University to grant affiliation from the session 1997.

The following provision exist in Punjab Technical Act with regard to affiliation under clause 5(1):-

"The territorial limits in which the University shall exercise its power and perform its duties shall be the whole of the State of Punjab and other regions outside the State of Punjab as may be decided by the Board of Governors from time to time subject to any regulation and statutes"

#### ITEM NO. 7 Grant of affiliation to Apeejay Institute of Technology, Greater Noida

The Vice-Chancellor, PTU had granted provisional affiliation to Apeejay Institute of Technology, Greater Noida in anticipation of the approval of the Board of Governors. The matter was placed before the Board of Governors in its Second Meeting held on 20.3.98 vide Item No. 8 (Annexure XIII, pages 61 to 64). The Board of Governors did not approve the action taken by the Vice-Chancellor.

After the grant of provisional affiliation by the Vice-Chancellor under his emergency powers, the University made admissions and even conducted the first semester examination. The Educational Advisor, Apeejay Education Society has approached the University to continue affiliation of the first batch of students admitted in 1997-98 till they are able to complete the courses as this will avoid heart burning and possible litigation. In view of the above facts, the students to these courses at the above Institute may be allowed to continue their study as students of PTU and the proposal may be reconsidered accordingly.

ITEM NO.8:

Creation of post of Project Officer in the Scale of Rs. 3000-5000 (unrevised) for a period of one year.

Clause 10(8) of the Punjab Technical University Act, 1996 provides as under:-

"If in the opinion of the Vice-Chancellor, an emergency has arisen which requires immediate action to be taken, the Vice-Chancellor shall take such action as he deems necessary and shall report the same for confirmation at the next meeting to the authority, which in the ordinary course, would have dealt with the matter.

Provided that if the action taken by the Vice-Chancellor is not approved by the authority concerned he may refer that matter to the Chancellor whose decision thereon shall be final.

Provided further that where any such action taken by the Vice-Chancellor affects any person in the service of the University, such person shall be entitled to prefer, within thirty days from the date on which he receives notice of such action an appeal to the Board of Governors"

National Institute of Renewable Energy (NIRE) has been allotted land adjacent to that allotted to the University. They have also been allotted 7.5 Crores already and further allotment of about Rs. 9.00 Crores is expected in this very financial year. Thus, they are in a position to undertake development of the Institution facilities rapidly. The PTU can plan with them for providing common services, such as Sewerage, Drainage, Water works, Roads etc. in the first instance and subsequently facilities like auditorium, visitors, hostel and re-creational facilities etc. etc. They have already appointed one advisor as a Consultant to develop the Project. An urgent need is therefore, felt to appoint somebody who can liaise with the NIRE on behalf of the University and participate in the deliberations from time to time.

The Vice-Chancellor of Punjab Technical University, in exercise of the emergency powers as mentioned, in the above clause ordered creation of the post of Project Officer in the scale of Rs. 3000-5000 for a period of one year in the first instance in order to look after the development of the University infrastructure.

The matter is placed before the Board of Governors for consideration and ratification of the orders passed by the Vice-Chancellor.

### ITEM NO.9: Re-employment of Dr. D. S. Kumar, Director of Academics (Professor Mechanical Engineering)

Dr. D. S. Kumar, joined the Punjab Technical University as Director of Academics, on deputation from the Punjab Engineering College, Chandigarh. Since Dr. Kumar retired from the services of PEC on 31.5.1998, his deputation period from that Institution is deemed to have expired concurrently.

Dr. Kumar is, however, required to continue to perform the duties of the post of Director of Academics. It is, therefore, necessary that he is formally re-employed from the date of his superannuation for a further period of one year, in the first instance.

The matter of fixing the terms & conditions for re-employment of technical faculty staff, including professors, on a uniform basis for all technical institutions, is already under the consideration of the Government. Recommendations in this regard have been made by a sub-committee constituted by the Government for this purpose and headed by the Vice-Chancellor, PTU.

In the meantime, it is suggested that Dr. Kumar may be re-employed on a remuneration of a lumpsum of Rs. \_\_\_\_\_ as has been recommended in the sub-committee report referred to above. As Director of Academics, Dr. Kumar will be shouldering additional administrative duties and it is, therefore, proposed that he may be granted additional remuneration of Rs. 2000/- per month lumpsum. Also, since the University will not be in a position to provide institutional housing on lease, it would be appropriate if Dr. Kumar is allowed a House Rent Allowance of Rs. 2500/- per month. Other allowances such as TA/DA etc. would be payable as per rules of the PTU.

ITEM NO.10:

Fixation of pay in respect of Sh. Pushpawant Singh Sandhu, Joint Director-cum-Principal System Analyst

The post of Joint Director-cum-Principal System Analyst was advertised in the Tribune & Indian Express with the following qualifications:-

"First Class master's degree in Computer Engg. / Computer Applications. Five years experience of handling management of large computer installation in reputed institutions / Industries. Desirable: conversant with latest programming languages, softwares and operating systems"

25 candidates applied for this post. The interview was held on 12.11.1997. The proceedings of the Selection Committee are placed as Annexure XIV, pages 65 to 67.

According to the recommendations of the Selection Committee, the offer of appointment was given to S. Pushpawant Singh Sandhu. He joined against this post on 21.5.98 (FN). Shri Sandhu has submitted a representation Annexure XV, page 68 regarding fixation of his salary at Rs. 5800/- in he scale of Rs. 4500-7300. The post he has been offered is in the scale of Rs. 3700-5700, as approved. The resume of Shri Sandhu is placed as Annexure XVI, page 69 to 74.

The Selection Committee did not record made any recommendation regarding fixation of his pay at a higher point in the scale of Rs. 3700-5700, and accordingly he has been fixed at Rs. 3700/- is being given Rs. 3700/-. Keeping in view his experience and qualifications, it is recommended that he may be granted advance increments, and fixed at the stage of Rs. \_\_\_\_\_\_, in the scale of Rs. 3700-5700.

#### ITEM NO.11: Appointment of Dr. S. S. Ghuman, Lecturer for the liaison work at Delhi

The matter relating to obtaining funds through projects and grants from various Government Departments was discussed in the meeting of the Board of Governors of Giani Zail Singh College of Engg. & Technology, Bathinda, held at Punjab Bhawan on 24.4.98 under the Chairmanship of Hon'ble Minister of Technical Education & Industrial Training, Punjab. As directed at this meeting, the Vice-Chancellor, Punjab Technical University took a decision to create a post and to appoint Dr. S. S. Ghuman on deputation basis for this purpose, with headquarters at Delhi. Dr. Ghuman has a lien at Sant Longowal Institute of Engg. & Technology, Longowal (Sangrur). The detailed office note is placed as Annexure XVII, pages 75 & 76, which is self explanatory. Based on this decision, the services of Dr. Ghuman have been obtained on deputation. The appointment orders were issued vide this office endst.No.06.11.16.1-3 dated 18.7.98, Annexure XVIII page 77.

The above action was taken by the Vice-Chancellor under his emergency powers vested under clause 19 (8) of the PTU Act and, needs ratification by the Board of Governors.