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**MINUTES OF THE 8TH MEETING OF
ACADEMIC COUNCIL**

HELD ON 06.04.2001

IN THE OFFICE OF THE VICE-CHANCELLOR

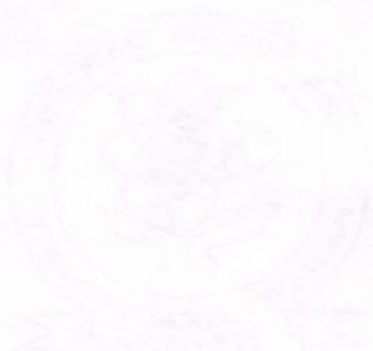


**PUNJAB TECHNICAL UNIVERSITY,
JALANDHAR**

MINUTES OF THE 8TH MEETING OF
A COMMITTEE OF THE

HELD ON 10/11/2001

OFFICE OF THE VICE-CHANCELLOR



UNIVERSITY OF
SOUTH AFRICA

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MINUTES OF THE 8TH MEETING OF THE ACADEMIC COUNCIL HELD ON 06.04.2001 AT 11.00 AM IN THE OFFICE OF THE VICE - CHANCELLOR , PUNJAB TECHNICAL UNIVERSITY, JALANDHAR.

The list of members who attended the meeting are attached herewith. 7

No. 8.1 Confirmation of the Minutes of the 7th meeting of the Academic Council held on 30th May, 2000.

The minutes of the 7th meeting of the Academic Council held on 30th May, 2000 were confirmed. The decision taken regarding condonation of attendance under item No. A-3 was brought to the notice of the members. It was decided that this issue may be taken up under a separate item.

No. 8.1(a) Condonation of Attendance.

The Academic Council considered and approved the following:

1. The Principals / Directors of the affiliated colleges / institutes may condone shortage of attendance upto 10% of the delivered lectures with proper recorded reasons.
2. The shortage of attendance may not be referred to the Vice - Chancellor for condonation.

No. 8.2 Introspection of Proceedings of the 1st to 7th AC Meetings.

The members appreciated the steps taken by the University to present before the Academic Council the various items of the seven meetings of the Academic Council held upto now alongwith the brief comments on the action taken. However, the members desired that factual position about some of the items as on date may also be brought to their notice. (Annexure - I)

No. 8.3 Migration of students to a college from other colleges within the University.

The members discussed the issue of migration of the students and the proposed changes put forward before them. The following committee was constituted to propose a comprehensive system for migration. The committee shall submit its report within four weeks.

1. Dr. R.P.Singh
2. Dr. D.S.Kumar
3. Dr. Ashwini Kumar
4. Dr. K.N.S.Kang (for Management colleges)
5. Dr. Sadhu Singh Director Colleges, Convenor

No. 8.4 Quality of University results.

Principal, Adesh Institute of Engg. & Tech. Faridkot proposed a procedure for finding out the quality of University results. He has suggested that the quality of results may be assessed based upon the following methods:-

1. Number of percentage of students getting above 75% marks.
2. Number of percentage of students who clear all the courses i.e., no reappear cases.
3. Total number of supplementries in a subject or aggregate of supplementries in all the subjects.
4. Total number of credits earned by a class.

He has suggested that the following numerical **Figure of Merit (FOM)** may be adopted for the comparative evaluation of results.

$$\text{FOM} = \frac{\text{Total No. of credits earned by a class as a whole.}}{\text{Maximum No. of credits that the students of the class could have earned.}}$$

It is suggested that the figure of merit be computed for each class and for each institute/college.

These suggestions to judge the quality of university results was discussed by the members. It was felt that determining only the figure of merit would be a very narrow area of ascertaining the quality of university results. It was felt that instead of determining a figure of merit, the following process may be initiated:

1. Self-accreditation of the Colleges/institutes.
2. Parameters may be defined for the quality of university results.

After detailed discussions, the following committee was constituted to look into such issues and to make suggestions:

1. Dr. Ashwini Kumar
2. Dr. S. C. Kapoor
3. Prof. V.K. Diwan
4. A University Representative depending upon the availability.

No. 8.5 Chances for RTI examinations.

The question of permitting number of chances to reappear in the theory and practical examinations was discussed in detail by the members and resolved as under :

1. that there will be no reappear in sessional / internal assessment of Theory and Practical subjects. The marks obtained by the students in sessionals / internal assesment both in Theory and Practicals shall be added as such to their marks obtained in written Theory and external Practical examinations respectively. A minimum of three house tests shall be conducted and average of the marks obtained in three house tests shall be taken towards the sessional marks.
2. that students will have to obtain minimum marks required to pass the subject as per the regulations.
3. that external examiners for the practical examinations shall be appointed by the University and the presence of an external examiner to conduct the practical examination shall be required.

No. 8.6 Conduct of semester final examinations (Item No.1 of meeting of Principals held on 07.11.2000).

In the 7th meeting of the Academic Council, it was decided that reappear examinations of odd (even) semester subjects shall be held alongwith regular odd (even) semester subjects. The students have been agitating as the number of chances available to them for the reappear examinations have been reduced. To reduce the problems of the graduating students, the University conducted a special examination for them in July, 2000. The students of other years have been agitating and demanding that the already existing rules of conducting examinations of all subjects during odd and even semester examinations should continue. This matter was discussed with some of the Principals and they have suggested that to overcome this difficulty the University may conduct a supplementary examination in June/ July for all the subjects of odd and even semester.

This proposal was put up in the meeting of the Principals/ Directors and they discussed this issue in depth. Most of them insisted that the University should conduct examinations of all subjects during odd and even semester examinations.

After detailed deliberations it was decided that examinations of all subjects of every degree programme being run by the University shall be held during odd and even semester examinations. It was further decided that due to foggy weather during month of December, the morning examinations shall be started from 9:30 AM onwards.

The above decision was ratified.

No. 8.7 Requirement of minimum credits (item No.2 of meeting of Principals held on 07.11.2000).

Same as item No. 8.17. The decision was ratified.

No. 8.8 Case of ineligible students allowed to sit in the various examinations of the University (Item No. 3 of meeting of Principals held on 07.11.2000).

The students of BBA/ BCA are eligible to appear in the examinations of a subject for a maximum of 3 times. Some of the students could not pass in various subjects by appearing in 3 examinations. They approached the University through their respective Principals that they may be given a mercy chance to

appear. The Vice Chancellor permitted them to reappear in the examinations by paying an additional fee of Rs. 5,000/- + fee of Rs. 500/- as admission fee. However, some of the students did not pay this fee and have appeared in the reappear examinations.

To look into this total case an enquiry was set up by the University. It was pointed out by the Enquiry Officer that the sole responsibility of checking the eligibility for appearing in the University examinations lies with the Principals/ Directors of the Colleges. The students have been demanding that their results may be declared.

This matter was put up before the members and it was decided that the result of those students who have already appeared in the examinations and have paid an additional fee of Rs. 5,500/- may be declared. Those students who have appeared in the examination but have not paid the additional fee of Rs. 5,500/- may do so before their results are declared. However, this shall not be taken as a precedent.

The above decision was ratified.

No. 8.9 Amendment in regulation 12 (a) to (f) (Item No. 4 of meeting of Principals held on 07.11.2000).

This item was discussed in detail and it was decided that the result of those students who have secured 40 to 50% marks may be declared successful by giving them "Pass Degree". However, this is to be referred to the Academic Council.

The above decision was ratified. It was clarified that this decision was taken in reference to management courses only at the level of BBA/BCA.

No. 8.10 Counselling of students (Item No. 6 of meeting of Principals held on 07.11.2000).

The members were very happy to learn that such a step is being proposed by the University to reduce communication gap between the students and the authorities of the Colleges and the University. The Principals/Directors of the Colleges were requested to appoint the students' Advisors. One Chief Counsellor is to be identified and appointed in each College / Institute by the Principal / Director.

The Colleges/Institutes must inform the University about the steps taken by them to implement the decision.

No. 8.11 Payment of fee to the University (Item No. 7 of meeting of Principals held on 07.11.2000)

The following affiliation fee structure was approved by the Vice - Chancellor for Academic Session 2000-2001. It was intimated to all the affiliated colleges vide letter No. PTU/DC/Gen/267-294 dated 18-07-2001.

| Description | Fee (In Rs.) |
|---|--------------|
| 1. Application Processing Fee | 10,000/- |
| 2. Inspection fee per inspection per unit for each programme for one year. | 10,000/- |
| 3. Provisional affiliation fee per unit for each programme for one year | 50,000/- |
| 4. Provisional affiliation continuation fee per unit for each programme | 25,000/- |
| 5. Permanent affiliation fee per unit for each programme for three years. | 75,000/- |
| 6. Permanent affiliation continuation fee per unit for each programme for three years | 50,000/- |
| 7. Endowment Fund | 25 Lakh |

One unit shall be taken as of 30 sanctioned intake for all courses except BBA/BCA where one unit shall be of 40 sanctioned intake. The colleges/institutes shall be considered by the University for permanent affiliation after the first batch has passed out.

The item was ratified. It was decided that those colleges / institutes who have paid the endowment fund to AICTE are not required to pay the endowment fund to the University. However, all other

To register for the 5th semester a student must pass all the subjects offered in the 1st semester and to register for the 6th semester he/she must pass all the subjects offered in the 2nd semester. The student is allowed to reappear whenever an examination is held in subject (s).

6(b) Deleted

6(c) A total of 6 years from the date of admission, shall be given to a candidate to pass all the courses and to fulfill all the requirements for the completion of degree of Bachelor of Technology and 7 years for the course of Bachelor of Arch.

It was pointed out by the Vice-Chancellor that the decision taken regarding the amendment made to clause 16(a) to (c) in the regulations for B.Tech. / B.Arch programmes may be taken for the examinations upto May/June 2001 only. A new committee is set up to look into the amendments to be made in the regulations for B.Tech./ B.Arch courses and submit its report before the commencement of the next academic session of 2001-2002. The following committee was constituted for this purpose.

1. Dr. R.P. Singh Convenor
2. Dr. Ashwini Kumar
3. Dr. R.S. Seehra

lo. 8.18 Minutes of Meeting of Board of Studies - Training held on 17.11.2000.

The report of the Board of Studies-Training was discussed. The following committee was constituted to design the programme, its evaluation, etc.

1. Dr. R.S. Seehra Convenor
2. Dr. O.P. Sahni
3. Dr. H.S. Sagar

Dr. H.S. Sagar was assigned the responsibility to design a proforma for the students going on training for preparing the training report.

lo. 8.19 Introduction of Computer Course in all Degree Programmes.

As per the decision taken earlier, the colleges/institutes were expected to introduce computer courses from the academic session 2000-2001. Two packages of computer courses were also suggested by the University. The Principals/Directors brought out certain difficulties in introducing these computer courses as they felt that the very essential courses for a particular degree programme cannot be dispensed with at the cost of computer courses. The Vice-Chancellor desired that the computer courses must be introduced from the next academic session 2001-2002 and the respective Board of Studies must decide the modus-operandi to find out the slot(s) for introducing the computer courses in the various degree programmes. Director Colleges shall monitor the progress of introduction of computer courses.

o. 8.20 Regulation 12(f) - appointment of Moderation Committee for sessional marks (Item No.5 of meeting of Principals held on 07.11.2000).

It was felt by the members that the marks obtained by the students in theory papers as well as sessionals should be moderated by Moderation Committees to maintain uniformity. The Vice Chancellor is authorised to appoint the moderation Committees for various degree programmes/courses.

The item was ratified.

o. 8.21 Approval of Course and curriculum for various Degree Courses.

The courses for the various degree programmes as brought by the various Board of Studies were approved by the Council. It was decided that discrepancies if any, may be reported to the Director Colleges who shall then refer it back to the Chairman of the respective Board of Studies. It was pointed out by the Principals of Pharmacy Colleges that the syllabi be approved for the 1st to 4th semesters instead of 1st & 2nd semesters only as the syllabi for 3rd and 4th semester have also been laid before the Academic Council.

o. 8.22 Regulation on numbering of Courses.

Colleges are required to pay the endowment fund to the university as per the decision conveyed to the affiliation fee etc. is to be paid by all Colleges / Institutes, including Govt. - aided Colleges.

Guidelines for using Development Fund.

Guidelines for the utilisation of the development fund as approved by the Vice Chancellor were sent to all the affiliated colleges/ institutes vide letter No. PTU/DC/Gen/741-775 dated 2000. These guidelines were ratified.

8.13 Affiliation fee during the academic session 2000-2001.

The Director Colleges laid before the members the information regarding the affiliation fee etc. to be paid by different universities in the northern region, i.e., Himachal Pradesh University, Kurukshetra University, Guru Gobind Singh Indraprastha University. It was further clarified that the affiliation fee, etc. being charged by PTU is much lower than the fee being charged by the above universities. Therefore, all the colleges/institutes, who have not paid the affiliation fee etc. so far should pay the fees immediately as per the structure laid down in item No. 8.11.

8.14 Regulations for upgradation of branches and category of seats.

It was decided that the 320 additional seats in IT and IT related courses sanctioned by AICTE to engineering colleges during 2000-2001 shall be filled by horizontal and vertical upgradation of the seats based on the result of 1st semester of students admitted during 2000-2001 session.

The regulation for upgradation of branches shall be finalised by the same committee as constituted in item No. 8.3.

8.15 Rates of honorarium for evaluation centres.

The rates of honorarium for evaluation centres were approved as under: -

| | |
|--|---------------|
| Upto 5000 answer books | = Rs. 5000 /- |
| For every additional 1000 answer books or part thereof | = Rs. 1000 /- |

8.16 Mercy chance to BBA/BCA students.

Six students of BBA/BCA (5th semester) of Khalsa Institute of Management & Technology, Jalandhar made a representation to the University that they may be given a mercy chance to appear in the December, 2000 examination by paying examination fee of Rs. 500/- plus Rs. 5000/- as special fee so that they may become eligible, if they pass in the remaining subjects, for the award of the BBA/BCA degree.

A Committee was constituted to look into this matter and on the recommendations of the committee the Vice - Chancellor allowed the students to sit in the December, 2000 examination by paying examination fee of Rs. 500/- plus Rs. 5000/- as special fee. This was later on approved by the Vice Chancellor to be applicable to other similar cases.

The item was ratified.

8.17 Amendment to rules for B.Tech. Programme.

The following decisions were taken in a meeting of the Principals to modify clauses 16 (a) to (c) for B.Tech./B.Arch. Programmes

- (a) -- A student will not be allowed to register for the third semester and shall be required to repeat first year if he/she fails to earn a minimum of 24 credits out of the total credits offered in the approved scheme of courses for the first year.

OR

1. The following symbols are proposed for numbering of courses :

(a) **Engineering & Technology**

| | | |
|-------------------------------------|---|-----|
| Industrial Engineering | - | INE |
| Material Engineering | - | MTE |
| Mechanical Engineering | - | MCE |
| Civil Engineering | - | CLE |
| Textile Technology | - | TXT |
| Leather Technology | - | LET |
| Computer Science & Engineering | - | CSE |
| Electronics & Instrumentation Engg. | - | EIE |
| Electronics & Communication Engg. | - | ECE |
| Electrical Engg. | - | ELE |
| Chemical Engineering | - | CHE |
| Production Engineering | - | PRE |
| Information Technology | - | INT |
| Architecture | - | ART |
| Applied Mathematics | - | AMA |
| Chemistry | - | CHM |
| Physics | - | PHY |
| Humanities | - | HUM |
| Workshop | - | WSP |

(b) **Management Courses**

| | BBA | BCA | MBA | MCA |
|-----------------------|-----|-----|-----|-----|
| Marketing Management | BBM | BCM | MBM | MCM |
| Financial Management | BBF | BCF | MBF | MCF |
| Production Management | BBP | BCP | MBP | MCP |
| HRM | BBH | BCH | MBH | MCH |
| Computer Applications | BBC | BCC | MBC | MCC |
| IT | BBI | BCI | MBI | MCI |

(c) **Pharmacy**

| | | |
|----------|---|-----|
| Pharmacy | - | PHM |
|----------|---|-----|

2. **Numbering of courses may be done on the following basis :**

| | | |
|------------|---|---|
| 100 series | - | Core courses of Undergraduate Courses generally offered in First year |
| 200 series | - | undergraduate courses of 2 nd year |
| 300 series | - | undergraduate courses of 3 rd year |
| 400 series | - | undergraduate courses of 4 th year & 5 th year Architecture |
| 500 series | - | M. Tech. and Ph.D. Courses. |

3. **The following uniform numbers be allotted for special courses :**

| | | |
|-----------|---|------------------------|
| 380 / 480 | - | B. Tech. Minor Project |
| 490 | - | B. Tech. Major Project |
| 500 | - | M. Tech. Thesis |
| 600 | - | Ph.D. Thesis |

It was decided that we may adopt three alphabets system for the numbering of courses.

No. 8.23 Offering of CS-262 and 264- Operation Systems as additional subjects to non-computer stream students of Guru Nanak Dev Engineering College, Ludhiana.

The Principal of Guru Nanak Dev Engineering College, Ludhiana vide his letter No. 10A/5256 dated 25.01.2001 had requested that his College be permitted to offer CS-262 and 264 - Operating Systems as

Additional subjects to non-computer stream students in order to provide training in IT related areas. The University had approved this proposal and agreed to conduct the examinations of these subjects in anticipation of the approval of the Academic Council.

The item was ratified. However, the Vice - Chancellor desired that no such steps should be taken in future by the Principals/Directors of the affiliated colleges without prior approval of the university.

No. 8.24 Acceptance of awards of Technology Camp.

Awards of Technology Camp of B. Tech. 5th Semester Electrical Engg. students were received from G.T.B. Khalsa Institute of Engineering & Technology, Chhapianwali. In the scheme of studies of this branch there is no provision to include the Technology Camp awards. Also no credits have been allotted to Technology Camp. The matter was referred to the Registrar for issuing guidelines. The Registrar discussed the matter with the Vice Chancellor and intimated to the examination branch that the students who attended the Technology Camp, shall be given, "Satisfactory" rating to be recorded on the DMCs of the students.

The item was ratified.

No. 8.25 Academic Calendar for the Session 2001-2002.

The following committee was constituted to prepare the academic calendar for the session 2001-2002 and bring it before the Academic Council well before the start of the next academic session of 2001-2002.

- | | | |
|----|------------------|----------|
| 1. | Prof. V.K. Diwan | |
| 2. | Dr. H.S. Sagar | |
| 3. | Dr. M.S. Sukhija | Convenor |

No. 8.26 Teaching departments to be established and to create posts in Information Technology, Microelectronics, Photonics, Environmental Sciences, Bio Technology and Management Sciences.

The Council approved the proposal for establishing above six departments in the University and the following teaching posts were approved for each department :

- | | | |
|----|---------------------|--------|
| 1. | Professor | 2 Nos. |
| 2. | Assistant Professor | 3 Nos. |
| 3. | Lecturer | 3 Nos. |
| 4. | Research Associate | 2 Nos. |

No. 8.27 Permission for registration to Ph.D. Programmes of PTU.

The regulations for Ph.D. programmes have already been approved by the Academic Council. A large number of candidates from the affiliated colleges are interested to get themselves registered to the Ph.D. programmes of the University. This process has already been started with the permission of the Vice - Chancellor.

The council ratified the decision.

No. 8.28 Inspection reports of Colleges/Institutes.

Two proposals were received from Dr. B R Ambedkar, Regional Engineering College, Jalandhar to start part time M. Tech. Programmes in the following disciplines with an intake of 10 students in each course:

1. Industrial Engineering
2. Material Science and Technology

The following Inspection Committee was constituted to inspect the various facilities for Industrial Engineering, which visited the College on 19.10.2000 :-

1. Dr. D.S. Bedi

2. Dr. S.K. Sharma
3. Dr. R.N. Nauhria
4. Dr. T.P. Singh

The Committee has recommended that the Part-time M. Tech. Programme in Industrial Engineering may be allowed to be started.

Another Inspection Committee as given below was constituted to inspect the various facilities for Material Science & Technology, which visited the College on 31.01.2001:

1. Dr. K.K. Raina
2. Dr. A.K. Gupta
3. Dr. S.K. Chakravarty

The Committee has recommended that the Part-time M. Tech. Programme In Material Science & Technology may be allowed to be started.

The council approved the recommendations of the inspection committees.

No. 8.29 Proposal to start M.Tech. Courses at the University.

The following M.Tech. courses to be taught at the University were approved :

1. Information Technology.
2. Microelectronics
3. Photonics.
4. Environmental Sciences
5. Bio-Technology, and
6. Management Sciences.

No. 8.30 Proposal for conferment of Honoris Causa Degree.

The Vice Chancellor was authorised to recommend the names of eminent persons for the award of Honoris Causa Degrees. The Vice - Chancellor informed the members that the following two names are being considered for the honour :

1. Lord Swaraj Paul
2. Shri Chander Mohan

No. 8.31 Confirmation of the minutes of the Sub Committee of Academic Council held on 6.12.2000 at 11 AM in the room of the Vice Chancellor, Punjab Technical University, Jalandhar.

A Committee was constituted to discuss the problems of the Institutions who admitted excess number of students in the BCA course than the sanctioned strength during 2000-2001. The Committee decided as under :

1. The colleges which have violated the rules of the University and admitted excess number of students in the BCA, shall have to furnish an affidavit giving an undertaking that they shall not repeat this in the coming years.
2. It was also resolved that the defaulting institutions shall deposit the full fee of the First year of excess students as penalty to the University Development Fund.

The item was ratified. However, it was decided that it should not be taken as a precedent.

No. 8.32 Excess LEET admission in the year - 2000

A note was put up by the Principal, GND Engg. College, Ludhiana vide his letter No. 3-Dip/LT/1214 dated 7-6-2000 regarding excess LEET admissions in the year 2000 in order to generate more revenue for the institutions. It was suggested that an additional number of LEET students equivalent to number of seats

which could not be filled up in some specific disciplines based on CET-1999 admissions be allowed over and above the normal LEET admissions (as per rules).

The University took a decision on this matter and made admissions from LEET-2000 qualified candidates against vacant seats of CET-1999. The counselling for this was held on 12-10-2000.

The Academic Council ratified the above decision.

No. 8.33 Regulations for affiliation of Colleges/Institutes.

The following changes are to be incorporated in the regulations for affiliation of colleges/institutes :

- | | | |
|-------------|--|----------------|
| Clause-1.2 | if it is late by not more than 15 days | to be deleted. |
| Clause-4.1 | in consultation with Director Colleges | to be deleted. |
| Clause-5.3 | if it is late by not more than 15 days | to be deleted. |
| Clause-11.2 | This clause is to be amended as follows : | |
| | <p>"If after enquiry it is found that an affiliated college/institute under private management is not being properly administered, the Vice Chancellor may appoint a representative or representatives of the University on the managing body of the college/institute for such period as may be felt essential."</p> | |
| Clause-12 | Within the stipulated period, failing which affiliation may be withdrawn. | to be deleted |

No. 8.34 Norms & Standards for BBA/BCA Courses.

The Norms and Standards as per Annexure - III were approved. Any change to be made in these norms and standards may be intimated to the Director Colleges.

No. 8.35 Filling up of the proforma (Item No.8 of the meeting held on 07.11.2000).

The Item was withdrawn.

No. 8.36 Affiliation of Colleges to the University.

The affiliation of various colleges / Institutes to the University during session 2000 - 2001 was approved as per Annexure - IV . It was decided that -

- i) For the BBA/BCA courses, one unit of 40 students shall be taken.
- ii) Not more than 120 intake shall be permitted to any Institute in the BCA course.
- iii) For the purpose of calculating the affiliation fee etc. a unit of 40 students shall be taken instead of 30 as decided earlier for the BBA/BCA courses.

No. 8.37 Amendment In the Constitution of Board of Studies.

The following amendments were decided to be made in the constitution of Board of Studies:

- i) There shall be one Board of Studies for the Under Graduate and Post Graduate courses in a particular discipline.
- ii) The senior teacher of the rank of Professor/Assistant Professor in the concerned discipline shall be appointed as a Chairman of the Board of Studies. In the absence of the availability of such persons, an advisory committee shall be appointed.
- iii) Two Professors, two Assistant Professors and two Lecturers shall be appointed on the concerned Board of Studies in order of seniority.
- iv) There shall not be more than one teacher from a college from the same cadre.
- v) There shall be three outside experts; out of which, one shall be from industry and other two shall be from academics.

i) The semester shall be of 18 to 20 weeks (90 teaching days).
 ii) Attendance shall be counted seven days prior to the commencement of the university theory examination.
 iii) A candidate shall be eligible for the award of a prize or medal if he/she has passed the BBA/BCA examination in three years by passing all the subjects in the first chance available to him/her.

The above clauses are to be incorporated in all other academic regulations for various courses.

No. S-8.4 Ordinances for MCA.

The ordinances for MCA were approved.

No. S-8.5 Ordinances for B.Pharmacy.

The ordinances for B.Pharmacy were approved.

No. 8.41 ANY OTHER ITEM

(a) Equivalence of the subjects covered under PU Chandigarh with the same subjects covered under PTU Jalandhar for 1st, 2nd & 3rd semesters.

The following committee was constituted to determine the equivalence of courses of Sh. Harpreet Singh Brar, College Roll No. 961 of Guru Nanak Dev Engg. College, Ludhiana has studied and detail out what courses he is required to cover in order to earn his B. Tech. :

Convenor

1. Dr. Sadhu Singh
2. Dr. Surinderbir Singh
3. Dr. P.K. Chakravorty

(b) Duration of BCA Course.

A large number of proposals have been received from the management institutes offering BCA course that the existing three years BCA course be converted into four years BCA course. The Vice Chancellor discussed the various alternatives in this respect. It was finally conveyed by the Vice Chancellor that a Committee is being constituted for this purpose which will look into the various aspects of the BCA course and recommend a workable solution.

(c) Consideration of Deemed University status of Dr. B.R. Ambedkar, Regional Engineering College, Jalandhar & SLET, Longowal.

The proposal of both these institutes for acquiring a deemed university status was highlighted by the Vice Chancellor. The views expressed by the members were that both the institutes are offering only Under Graduate courses. The Post Graduate courses are still to take off. In the absence of any PG courses and any worthwhile research being done, it is not advisable, as it will not be a viable and feasible proposition at this stage. The Academic Council does not recommend deemed university status for these two institutes.

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

The tenure of the Board of Studies shall be two years from July.

No.8.38 Permission to students to study in the 5th semester who got reappear in the 1st semester.

Some of the students got reappear in 1st, 2nd, 3rd and 4th semesters in B. Tech.. Their results were not declared in time. They were given admission to 5th semester by the Colleges and the students completed their courses of 5th semester. As a special case they were allowed to sit in the 5th semester examination commencing on 4.12.2000 by the Vice - Chancellor.

The item was ratified. It was decided that this will be one time exception and would not be taken as a precedent.

No. 8.39 Constitution of UMC Committee for Dec.,2000/January, 2001 semester examinations.

It was decided that the constitution of UMC Committee should be as under:-

1. A Retired Judge
2. An Academician.
3. An Administrator

The Academic Council authorised the Vice - Chancellor to appoint the members as stated above on the UMC Committee.

No.8.40 Proposal for conducting special reappear examination for students initially registered with Punjab University/Punjabi University/GNDU.

It is proposed to conduct special examination for reappear cases of the students who were initially registered with Punjab University / Punjabi University / GNDU and later on transferred to Punjab Technical University, Jalandhar.

The proposal was approved.

No.S-8.1 Proposal for including Lecture Hours spent in conducting House Tests of Students in the Lectures/Attendance record for the sake of counting attendance.

A proposal received from the Principal, Guru Nanak Dev Engineering College, Ludhiana, vide his letter No. 1-F/6290 dated 21.03.2001 that the lecture hours spent in conducting the House Tests of the students should be included in the Lectures/ Attendance record for deciding their eligibility to sit in the Theory / Practical and Viva-Voce examination was considered. It has been stressed in the letter that conducting of the tests is an essential activity concerned with the imparting of knowledge and of testing their grasp on the contents of a subject.

The proposal was considered by the council and approved that the lecture hours spent in conducting the House Tests of the students should be included in the Lectures / Attendance record.

No. S-8.2 Introspection of the Academic Regulations 2001.

The Academic Regulations - 2001 were placed before the Academic Council. Most of these Regulations have already been approved by the Academic Council in its previous meetings. Certain suggestions were made by the members which have been incorporated. The ammended regulations as approved by the council are placed at Annexure - V.

No.8-8.3 Proposal for amendments in the Regulations/Ordinances of the following:

- a) Ordinances for BBA & BCA
- b) Regulations relating to Constitution, Powers and Duties of Academic Council.
- c) Ordinances for MBA.

- a) The ordinance for BBA/BCA were approved with the following changes to be incorporated.

Item No. 8.2 Introspection of Proceedings of the 1st to 7th AC Meetings

1st Meeting (26.11.1997)

| Item No. | Item | Decision | Action Taken |
|----------|---|--|---|
| 1. | Minutes of the Meetings of the principals | The minutes of the various meetings of the Principals held with the Vice Chancellor prior to the formation of the AC were reviewed | None |
| 2. | Academic Calendar 1997-98 | Approved as proposed. | Observed during the Academic Year 1997-98 |
| 3. | Regulations of M.B.A. Programme | Proposed regulations for MBA were approved. | Approved by BOG in its 2 nd meeting held on 20.03.98 under item No. 14. |
| 4. | Regulations for Ph.D. Programme | Proposed regulations for Ph.D. were approved. | Approved by BOG in its 2 nd meeting held on 20.03.98 under item No. 12. |
| 5. | Regulations for Bachelor in Business Administration & Bachelor in Computer Applications Programmes. | Proposed regulations for BBA & BCA were approved. | Approved by BOG in its 2 nd meeting held on 20.03.98 under item No. 13. |
| 6. | Approval to the schemes of Examinations from 3 rd to 8 th Semester | The proposed scheme was approved. | Circulated to all Colleges and Implemented |
| 7. | Rules for providing Laboratory/other facilities to the students from outside Institutions/Organisations | Rules for providing Lab facilities to other Institutions were approved | Item has been withdrawn. |
| 8. | Recognition of Degrees of other Universities. | Degrees of other Universities approved by AIU were approved to be recognised on reciprocal basis. | Considered by BOG in the 2 nd meeting held on 20.03.98. An Equivalence Committee was to be formed. |
| 9. | Other items with the permission of the Chair. | Nil | |

2nd Meeting (29.01.1998)

| Item No. | Item | Decision | Action Taken |
|----------|---|---|---|
| 1. | Confirmation of the proceedings of the 1 st meeting of the Academic Council held on 26 th November, 1997 | Minutes confirmed. It was decided that the regulations relating to BBA/BCA should be consonance with regulations for B. Tech. | Ratified by BOG. |
| 2. | To discuss & finalize the schemes of examination of various disciplines of B.Tech. Degree from 3 rd to 8 th semester. | Approved as proposed | Being followed |
| 3. | Faculty Appraisal System | Proforma could not be finalised. | |
| 4. | Quota for NRI seats in Engg. Courses in Guru Nanak Dev Engineering College, Ludhiana | NRI seats were decided to be provided in all Engineering Colleges | NRI Quota provided in all Degree courses of the University. |

| | |
|--|---|
| <p>It was decided to review the syllabus of all the courses and to put it in line with the syllabus of the Supreme Court of India.</p> | <p>Sh. R.D. Kewaramani a practicing advocate of Supreme Court of India.</p> |
|--|---|

| | | | |
|----------|---|--|-----|
| 5. | Criteria for the staff selection of teaching posts. | The criteria for selection could not be finalised Could not be taken up for want of time. | NIL |
| 6. to 10 | | | |

3rd Meeting (05.03.1998)

| | Minutes confirmed | Ratified by BOG |
|-----|--|--|
| 1. | Confirmation of the Proceedings of the 2 nd meeting of the Academic Council held on 29-01-1998. | Course and curriculum finalised and implemented. |
| 2. | To discuss the detailed course curriculum of various disciplines | Individual colleges prepared the directory. |
| 3. | To discuss the base-paper of 7 th semester Industrial Placement | - |
| 4. | To discuss the examination results of 1st semester-1997 batch | - |
| 5. | Industry-Institute Interaction-a review | Some Colleges held the seminar |
| 6. | Alleviation of Deficiency in study of students (failure cases) | - |
| 7. | Helping SC/ST students prepare for CET | - |
| 8. | Technology up-gradation courses for Industry based Engineering professionals | - |
| 9. | Quality improvement in Engineering Education | Some teachers got the feedback from the students about their teaching. |
| 10. | Increase in Holidays | This matter was deferred. |

4th Meeting (05.10.98)

| | | | |
|----|---|---|--|
| 1. | Right of re-evaluation and other concessions for students | Approved as proposed | None |
| 2. | Review of the Course Mathematics - III B.Tech. students | A committee was constituted to review the matter | |
| 3. | Proposal for Introduction of B.Tech. Electronics (Instrumentation & Control Engg. Course) | Approved additional course at GZSCET Bathinda with an intake of 40 students | Decision implemented |
| 4. | Regulations for MCA and MIT | The ordinances for MCA and MIT were approved. | MCA Regulations have been approved by AC in its 5 th meeting held on 05.10.98 and will be sent to BOD |

| | | |
|------|--|--|
| 5.11 | Relaxation of rules regarding promotion to 5 th & 6 th Semester for 1996 batch students of SLIET Longowal. | the item will be brought before the Academic Council. |
| 5.12 | Permission to appear in external examinations of 6 th semester | The item was ratified. |
| 5.13 | Bridge course being taught to Diploma Students (Admitted under LEET) in BBS Engineering College, Fatehgarh Sahib & GZS CET Bathinda. | It was decided that the approval will be conveyed only if the Principal recommends the proposal. |
| 5.14 | Nomenclature of B. Tech. Degree | The item was approved as proposed. |
| 5.15 | Finalisation of syllabi for BIT | It was decided to forward the proposal to the AICTE for approval. |
| 5.16 | Academic Calendar for the year 1999-2000 | The item was deferred. |
| | | Approved as proposed. |
| | | Followed during 1999-2000. |

6th Meeting (24.12.1999)

| | | | |
|------|--|---|---|
| 6.1 | Confirmation of proceedings of the last meeting of the Academic Council held on 6 th July, 1999 | The minutes were Confirmed | Ratified by BOG. |
| 6.2 | Computer course(s) for students not exposed to computers. | The Institutions were allowed to start non-formal certificate/ diploma courses in Computer Education | Some Colleges have implemented this decision. |
| 6.3 | Using advanced machines available with the ITI's and Polytechnics Institutions | Advanced machines available with ITIs and Polytechnics may be used. | No action taken |
| 6.4 | Conduct of odd semester exams by Colleges | A Committee was constituted to conduct odd semester examinations by Colleges | Not implemented |
| 6.5 | Starting of M.E. Programmes at Guru Nanak Dev Engg. College, Ludhiana | The Council ratified the decision taken by the Vice Chancellor for excess admissions made by GNDEC, Ludhiana | Only one time decision. |
| 6.6 | University Faculties | The Council approved the four faculties in the discipline of Engineering & Technology, Information Technology, Science & Humanities, and Management | Decision implemented |
| 6.7 | Replacement of Common Entrance Test (CET) by All India Standardized tests | It was agreed in principle to replace CET with NEST | Not implemented yet |
| 6.8 | To allow 2 years certificate holders of SLIET to appear in CET. | Two years certificate holders of SLIET were allowed to appear in CET if they have passed Matric and 10+2 in science stream | Decision implemented |
| 6.9 | Criterion of attendance | Status quo with respect to criteria of attendance was followed. Vice Chancellor should have no power to condone shortage of lectures. | Implemented. |
| 6.10 | Introducing a course concerning communication in Punjab | Deferred. | |
| 6.11 | Revision of Academic Calendar for the year 1999 - | Revised Academic Calendar for 1999-2000 was | Implemented. |

| | | | |
|-----|---|---|---|
| | | Sh. R.D. Kewairamani a practicing advocate of Supreme Court of India. | |
| 8 | Academic Calendar 1998-99 | It was decided to review the academic calendar and to communicate the change if any to all the colleges within a weeks' time. | Admission being made though LEET. |
| 9. | Recommendations of the Executive Committee of AICTE. | It was decided that the AICTE may be advised to continue with the existing system for admission to the 2 nd year of the degree programme | Regulations implemented and being re-looked again by a Committee. |
| 10. | Regulations regarding Migration of Students | Proposed regulations were amended and approved. | Yet to be implemented |
| 11. | Admission to self financing foreign students to the PTU Courses | It was decided to recommend the proposal to the State Govt. for consideration | Modified regulations Implemented. |
| 12. | Change in regulations for B. Tech. Degree Courses | The item was considered and approved with some modifications | Followed during Academic Session 1998-99. |
| 13. | Academic Calendar 1998-99 batch. | A Committee was constituted to look into the item. | |

5th Meeting (11.06.1999)

| | | The proceedings were approved with amendments. | BOG ratified the Minutes |
|------|---|--|---|
| 5.1 | Proceedings of 4 th meeting of the Academic Council held on 5.10.99 | The item was deferred. | |
| 5.2 | Starting of Management Courses in Engineering Institutions. | The item was deferred. | |
| 5.3 | Starting of Integrated Courses of Engg. & Management | The item was deferred. | No final decision taken. |
| 5.4 | Introduction of a paper on the History, Culture & Polity of India in Engineering & MBA/ MCA Institutions. | The members were advised for more thinking on the proposal. | Regulations proposed by the Committee |
| 5.5 | Rules & Regulations of Moderation of sessional awards. | A Committee was constituted to propose regulations. | Implemented |
| 5.6 | Re-evaluation of Answer Books. | The item was considered and approved. | Holidays being followed as per University calendar. |
| 5.7 | Regarding Holidays in the Institutions affiliated to PTU. | The proposal was forwarded to the State Govt. for information and approval. | Approved by BOG and implemented. |
| 5.8 | Rules & Regulations for Ph.D. Degree. | The proposed regulations were approved with some modifications. | Not implemented |
| 5.9 | Admission of J&K students. | It was decided that the Principal, REC, Jalandhar will take the decision at his own level. | As per regulations |
| 5.10 | Shortage of Attendance. | The suggestions from the members of the Academic Council were invited within 15 days and based on that | |

| | 2000 | approved. | Decision implemented. |
|--------------|--|--|--------------------------|
| 6.12 | Counting of Equivalence subjects marks of 1996 batch students | Item approved as proposed. | Decision implemented. |
| 6.13 to 6.18 | | The items deferred due to want of time. | - |
| 6.19 | Holidays in the Institutions affiliated to PTU for the year 2000 | Holidays to be followed during 2000 were approved to be the same as during 1999. | Implemented as approved. |

7th Meeting (30.05.2000 and 23.06.2000 (Adjourned meeting))

| | | Minutes approved. | |
|---------|--|---|---|
| 7.1. | Confirmation of Proceedings of the 6 th meeting of the Academic Council held on 24 th December, 1999 | It was decided that a Committee should look into to increase the number of working days from five to six per week. | Not implemented |
| 7.2 | Implementation of AICTE norms for the teacher student contact time. | Supplementary examinations for even and odd semester should be held along with even and odd semester regular examinations. | Decision withdrawn. |
| 7.3 (a) | Supplementary Examinations System for even and odd semester. | It was decided that 24 and 25 credit rule be changed. A student must clear first semester before he/she can be registered for 5 th semester and so on. For 1998 batch a Sub-Committee was constituted. | Decision modified. |
| 7.3(b) | Change in 24 & 45 Credit Rules. | ISF College of Pharmacy Moga was granted affiliation provisionally. | Decision implemented. |
| 7.4 | B. Pharma affiliation for Indo-Soviet Friendship (ISF) College of Pharmacy, Moga | The Technology Camp was approved to be suspended. | Decision being implemented |
| 7.5 | Suspension of Technology Camps | The Council ratified the decision of the Vice Chancellor to exempt Ms Geetika Garg from appearing in two deficient subject of Mathematics - II and Communication Skills. | Decision implemented |
| 7.6 | Approval for Geetika Garg Case. | It was decided that Institutes affiliated to PTU can start certificate courses in Computer Education. | Some Colleges have implemented this decision. |
| 7.7 | New Computer Course(s) for students not exposed to Computers | The Item was dropped. | Decision implemented |
| 7.8 | Revised Examination System | The Constitution of Board of Studies was approved with certain modifications. | Decision implemented |
| 7.9 | Constitution of Boards of Studies | The Council approved the merit based admission to B. Pharmacy | Decision implemented |
| 7.10 | Procedure for Pharmacy College Admission on Merit. | The requirement of Mathematics for admission to BCA course was abolished. | Decision implemented |
| 7.11 | BBA/BCA admission process (relaxation on Math requirement) | | |

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|----------|--|---|--|
| 7.12 | Training and Reappear Anomalies | The Council deferred the item. | |
| 7.13 | GZS College Bathinda case for allowing Punjab University students to complete in seven years. | The Council approved that the students admitted under the Punjab University be allowed to complete degree in seven years. | Decision Implemented |
| 7.14 | Evaluation Policy of Six Months Training in Semester VI or VII. | The Council approved the evaluation policy. | Decision Implemented |
| 7.15 | Admission of NIR/NRI Sponsored foreign students. | The Council decided to forward its recommendations for admission to additional seats for NRI / Foreign students. | Decision yet to be conveyed by AICTE. |
| 7.16 | NEST Based admission for the year 2000-2002 Govt. approval | The Council was of the view that it may not be possible to make admissions through NEST upto 2002. | |
| 7.17 | Six Months practical training in software engineering | The item was deferred. | |
| 7.18 | Opening of Cyber Cafes on the premises of Institute affiliated to PTU | The item was approved by the Council. | Cyber Cafes yet to be opened by the Colleges. |
| 7.19 (a) | Qualifications for admission to Engineering Degree Colleges. | The Council decided to include Engineering Diploma and ITI certificate as equivalent to 10+2 examination with science stream as the minimum requirement for appearing in CET. | Decision reversed by AICTE. |
| 7.19(b) | Admission to master programme for BBA/BCA students | The Council approved the item but did not agree to provide any additional weightage to BBA/BCA students | Decision Implemented |
| 7.20 | AICTE norms for land requirement for starting a new institution | The Council approved the proposal with reduced land requirement. | AICTE yet to modify the norms. |
| 7.21 | Joint inspection for the start of new institution or for starting new courses in the existing institutions | The Council approved the proposal | Decision yet to be approved by AICTE. |
| 7.22 | Empowerment of State Govts. for starting Diploma Courses | The Council approved the item. | Yet to be implemented. |
| 7.23 | Histogram for the award of internal assessment marks | The Council approved the use of normal distribution curve for this purpose. | Implemented for examinations of May/June 2000. |
| 7.24 | Regulations for moderation of session awards in Management Courses | The Council approved for application of the proposed procedure by the moderation Committee | Not implemented fully. |
| 7.25 | Change of nomenclature of Instrumentation and Control Engg/ Electronics and Instrumentation Engg. | The Council approved the nomenclature as "Electronics and Instrumentation Engineering" | Decision implemented |
| 7.26 | Approval of modified outlines of course on Applied Mathematics (CS-203) for the department of Computer Science and Engineering | The Council approved the item. | Decision implemented |
| 7.27 | Approval of Courses for MBA studies | The Council approved the item. | Decision implemented |
| 7.28 | Approval to start Post Graduate Courses at GNDEC, Ludhiana | The Council approved the item. | Decision implemented |

| | | | |
|------|--|---|----------------------|
| 7.29 | Revised courses of study for BCA | The Council approved the item. | Decision implemented |
| 7.30 | Holidays in the Institutions affiliated to PTU for year 2000. | The Council decided that the University will issue a notification regarding the holidays to be observed during the year 2000. | Decision implemented |
| 7.31 | Finalisation of syllabi for BIT | The item was dropped as the new Board of Studies will take up the finalisation of the syllabi for BIT Degree. | Not Implemented yet. |
| 7.32 | Revised syllabus and Academic Regulations for M. Tech. Courses | The Council approved the item. | Decision implemented |
| 7.33 | Stating of M. Tech. Courses at SLIET, Longowal | The item was dropped for the present. | |
| 7.34 | Prevention, punishment and procedure concerning cases of misconduct and use of unfair means in or in relations to examination. | The item was approved as proposed. | Decision Implemented |
| 7.35 | Appointment of Chairman for the various Boards of Studies | The item was ratified by the Council. | Decision Implemented |
| 7.36 | 24 credit cases for academic year 1998-99. | The Council approved the discontinuation of the 24/45 credit rules and decided the no new condition will be imposed on 1998 batch students. | Decision implemented |
| 7.37 | Consideration of 5 days or 6 days work week. | The item was considered and approved with some conditions. | Not Implemented. |

Rules for internal assessment

Subject : Guidelines for using Development Fund.

The fee structure notified by the Department of Technical Education & Industrial Training, Govt. of Punjab for the Academic Session 2000-2001 vide its Notification No. 12/11/99-ITE-III/1082 and 1086 both dated 4-3-2000, contains the component "Development Charges". The rates for Development charges for Engineering Degree courses, MBA/MCA, Degree course in Pharmacy, and BBA/BCA are as follows :

| Sl No | Course | Development charges per year | | |
|-------|--------------------------------|------------------------------|------------------|------------|
| | | Free Seat Rs. | Paid Seat Rs. | NRI Seat |
| 1. | Degree Courses in Engineering | 3000.00 | 8000.00 | \$ 1000.00 |
| 2. | Degree Courses in Architecture | 3000.00 | 9500.00 | \$ 1500.00 |
| 3. | Degree Courses in Pharmacy | 4000.00 | 12250.00 | \$ 1500.00 |
| 4. | MBA/MCA | 7000.00 | 17500.00 | \$ 2000.00 |
| 5. | BBA/BCA | 1500.00 | ----- | \$ 500.00 |

In view of the Resolution dated 18th March, 1997 by MHRD regarding policy on fee fixing in Private Un-aided Educational Institutes imparting higher and technical education including Management education, clause 6.6(e) on development fee is reproduced below for kind information.

"Development Fee may be at fiat rates to be determined every years by the AICTE and UGC as the case may be. Different rate may be prescribed for "Payment", "Free/Merit", and 'Foreign/NRI seats' holders. These bodies could also classify institutions in different categories for the purposes of prescribing different status provided such categorization is based on intelligible and objective criteria."

In view of the above clause, Managements in the first 10 years can appropriate upto half of the proceeds of the development fee or the actual capital cost, whichever be lower. Thus general guidelines for the utilisation of development charges are laid down as under :-

1. Upgradation of Laboratories /Workshops and Computer Laboratory

About 35% of the development fund should be spent on :

- Purchase of new equipment as per curriculum and replacement of obsolete equipment of laboratories and workshops.
- Purchase of Hardware and software for computer centre and all other related facilities.

2. Faculty Improvement Programme

The faculty members working in Institutions must be trained and reoriented so that they acquire the latest knowledge and expertise to teach the student as per the needs of present day curriculum. The teachers are to keep abreast with the advancement of the technology and in order to up date the knowledge of the teachers, teachers may be sent to short term training programmes both in Industries and Educational Institutions. An amount of 5% of the development fund is to be utilized for this purpose.

3. Improvement of Library facilities

Library is a major source of information for the students and the faculty members. Periodically new volumes of Text Books, Reference Books and Latest Journals should be procured, for upgradation of the library. 5% of the development fund is to be used for this purpose.

NORMS AND STANDARDS FOR AFFILIATION OF BBA / BCA COURSES

(A) GENERAL STANDARDS

1. The registration of Society / Trust must be genuine and as per the memorandum of association to operate in the State of Punjab.
2. The background of the Members / Trustees of the Society / Trust must have the experience in industry or education at senior level or in management of educational institutions.
3. The track record of the Society / Trust must have experience of establishment and management of educational institutions.
4. The detailed plan for establishment of the institution and its growth must be prepared.
5. No objection certificate (NOC) from the Punjab Govt. must have been obtained.
6. The applicant must have appointed a consultant group to help and guide establishment and running of the institution.
7. The Society / Trust must not be involved in any court case or dispute which can affect smooth and proper establishment of the proposed institution. If there is any such case, its details must be submitted along with the application.
8. The Society / Trust must undertake for compliance with the University Norms & Standards for affiliation.
9. The Society / Trust must furnish proof of financial strength to provide complete infrastructure for the institution and to deposit endowment fund in the form of fixed deposits. The applicant should also demonstrate how shortfalls in the fund for recurring expenditure would be met. Loan against fixed deposits is not permitted.
10. The funds of the Society / Trust must be audited and the income tax clearance must be obtained.
11. The Society / Trust must provide details of the location of the building(s) from which institution is to be functioned during the first year. The location of the building must be easily accessible by public transport and must be hygienic and conducive to conduct of education in proper atmosphere.
12. The land of permanent location of institution must be
 - (i) as per the University norms
 - (ii) in clear possession of the Society / Trust, and
 - (iii) should be in a single plot.

If leased, lease papers should be produced. The Institute can take a building on lease / rent for not more than three years from the date of affiliation.
13. The Society / Trust must make necessary arrangements for transportation of the students and staff to the site of the Institute.
14. The Society / Trust must fulfil all other conditions for the start of the Institution for running the BCA Course as laid down by the University.
15. Principal / Director of the Institute must have been appointed / identified at the time of filing the application for affiliation

4. Educational Tours

The students as well as the faculty members of the Institution may be sent to the Industries/Advance Educational Institutions as a part of Educational Tours and Trainings. 2.5% of the development fund be earmarked and spent for this purpose.

5. Miscellaneous Uses

The remaining 2.5% of the development fund may be used for the purpose of daily consumables for practical classes in the Laboratories and the Workshops.

These guidelines have to be issued to the various affiliated Colleges/ Institutes of the University. The following guidelines for the utilisation of the Development charges are proposed for the Academic Session 2000-2001.

1. Upgradation

| | | |
|-------|---|------|
| (i) | Purchase of new equipment and replacement of obsolete equipment of Laboratories as per curriculum | 5% |
| (ii) | Purchase of new equipment and replacement of obsolete equipment of Workshops as per curriculum | 7.5% |
| (iii) | IT connectivity | 7.5% |
| (iv) | Computers (Hardwares and Software) | 7.5% |
| (v) | Civil works | 7.5% |

In case of Management Courses, 15% funds at Sl. No. (ii) may be utilised for purchase of computers and other instructional facilities.

| | | |
|----|---------------------------|------|
| 2. | Faculty improvement | 5% |
| 3. | Library facilities | 5% |
| 4. | Educational Tours | 2.5% |
| 5. | Miscellaneous contingency | 2.5% |

6. Maintenance of Accounts of Development Fund

A separate account referred as 'Development Fund' must be operated in a scheduled bank. No other transactions except the one listed above be made. The University shall conduct a regular audit for the account. A separate 'cash book' be maintained for 'Development Fund' also.

The above guidelines for the utilisation of Development Fund by the affiliated colleges/Institutes may be approved so that same are issued before the start of the Academic session 2000-2001.

Total

= 160 sq.m.

3. STAFF**(a) Teaching**

| | | |
|----------------------|---|---|
| Director / Principal | = | 1 |
| Professor | = | 1 |
| Assistant Professor | = | 2 |
| Lecturer | = | 6 |

The teaching staff may be appointed as follows :

| | | |
|-------------|---|---|
| First year | = | 5 |
| Second year | = | 7 |
| Third year | = | 9 |

Teaching staff must be appointed as per UGC / AICTE norms and paid salary accordingly

(b) Teaching supporting staff

| | | |
|---------------------|---|---|
| Computer Programmer | = | 1 |
| Technical Assistant | = | 1 |

(c) Library staff

| | | |
|-----------------------------|---|---|
| Librarian/ Asstt. Librarian | = | 1 |
| Attendant | = | 1 |

(d) Administrative Staff

| | | |
|------------------|---|---|
| Steno | = | 1 |
| Typist cum clerk | = | 1 |
| Attendant | = | 1 |

4. EQUIPMENT

| | | |
|--------------------------|---|------------------------------|
| Computers | = | 30 |
| Printer DM, LQ | = | 1 |
| Laser Printer | = | 1 |
| UPS | = | 3 |
| Diesel Generator Set | = | 1, 7.5 KVA |
| OHP | = | 3 |
| LCD Multimedia Projector | = | 1 |
| Photocopier | = | 1 |
| Licensed softwares | = | As per requirement of course |
| Air conditioners | = | As per requirement |

5. LIBRARY

| | | |
|---------------------|---|------|
| Books | = | 1500 |
| Technical magazines | = | 10 |

NORMS AND STANDARDS

Intake : 60

ent Fund : 25 Lakhs

LAND :

| | | |
|-------------------|---|------------|
| Within MC limits | = | 0.5 acres |
| Outside MC limits | = | 1.25 acres |
| Rural area | = | 2.5 acres |

BUILT UP AREA :

| | | |
|----------------------------------|----------|------------------|
| a) Academic Area | | |
| Class Rooms, 3, 66 sq.m. each | = | 198 sq.m. |
| Tutorial Rooms, 2, 36 sq.m. each | = | 72 sq.m. |
| Seminar Room, 1 | = | 80 sq.m. |
| Computer Lab, 1 | = | 150 sq.m. |
| Library | = | 200 sq.m. |
| Total | = | 700 sq.m. |

| | | |
|--------------------------------------|----------|------------------|
| b) Administrative Area | | |
| Director / Principal | = | 30 sq.m. |
| Director/Principal's Office | = | 20 sq.m. |
| Main office | = | 50 sq.m. |
| Administrative Officer | = | 10 sq.m. |
| Placement Officer | = | 10 sq.m. |
| Faculty Room (10 sq.m / faculty) | = | 90 sq.m. |
| Reception Room | = | 20 sq.m. |
| Reprography Room | = | 10 sq.m. |
| Maintenance, Estate Office and Store | = | 10 sq.m. |
| Conference Hall | = | 100 sq.m. |
| Total | = | 350 sq.m. |

| | | |
|---|---|----------|
| (c) Student Amenities | | |
| Canteen | = | 20 sq.m. |
| Guest Room | = | 10 sq.m. |
| Medical Room | = | 30 sq.m. |
| Cooperative Store | = | 80 sq.m. |
| Toilets, 2, 10 sq.m. each | = | 20 sq.m. |
| (Separately for males & females) | | |

| | | |
|-------------------|---|---|
| Newspapers | = | 5 |
| General Magazines | = | 5 |

6. FURNITURE

Adequate furniture for lecture rooms / tutorial rooms / computer laboratory / library / conference hall etc. must be procured.

7. ELECTRIC INSTALLATIONS

Adequate number of fixtures must be installed so as to provide sufficient lighting and air circulation in the lecture rooms / tutorial rooms / computer laboratory / library and other parts of the building.

8. HOSTEL

The Institute must provide adequate hostel facilities for boys and girls separately. The approximate built up area for the hostel buildings is 1000 sq.m.

9. MISCELLANEOUS

(a) Games

Adequate facilities for indoor and outdoor games for the students must be provided.

(b) Transport

The Institute must provide transport facilities to the students and staff.

(c) Cycle / Scooter Stand

There must be adequate parking space for cycles / scooters and other vehicles.

Note : These Norms and Standards are the minimum to be provided by the Institutes for running the BBA / BCA Courses.

Annexure - IV

AFFILIATION OF COLLEGES TO THE UNIVERSITY

The State Govt. affiliated the following colleges permanently to the P.T.U. w.e.f. 01.07.1997.

1. Dr. B.R. Ambedkar, Regional Engg. College, Jalandhar.
2. S.B.S. College of Engg. & Tech., Ferozepur
3. Beant College of Engg. & Tech., Gurdaspur
4. G.Z.S. College of Engg. & Tech., Bathinda
5. Guru Nanak Dev Engg. College, Ludhiana
6. Sant Longowal Institute of Engg. & Tech., Longowal (Sangrur)
7. BBS Engineering College, Fatehgarh Sahib.

During the last three years University has been giving provisional affiliation to the following Colleges/Institutes :

(a) Engineering & Technology

The following Colleges were affiliated from 1997-98 :

1. Shaheed Udham Singh College of Engg. & Tech., Tangori.
2. Adesh Institute of Engg. & Tech., Faridkot.
3. Guru Teg Bahadur Khalsa Instt. of Engg. & Tech., Malout
4. Sri Sukhmani Instt. of Engg. & Tech., Dera Bassi.
5. Institute of Engg. & Technology, Bhadal (Ropar)
6. Lala Lajpat Rai Instt. of Engg. & Tech., Moga
7. IIIT College of Engg., Pojewal (Nawanshahr)
15. Malout Institute of Management & Information Technology, Malout.

No new College /Institute has been granted affiliation for the session 2000-2001.

The number of seats are given in Annexure - IV (a).

(b) MBA

The following Institutes have been given provisional affiliation upto 1999-2000 session with an intake of 60 seats:

1. Apeejay Institute of Management, Jalandhar.
2. Punjab Institute of Management & Tech., Mandi Gobindgarh.
3. Malout Institute of Management & Information Technology, Malout
4. Mata Gujri Institute of Management & Higher Education, Fatehgarh Sahib.
5. Lala Lajpat Rai Memorial Institute of Mgt. & Technology, Dhudike
6. Centre for Mgt. Training & Research, Mohali
7. Gian Jyoti Institute of Mgt. & Tech., Mohali
8. J.D. Institute of Mgt. & Tech., Muktsar
9. Punjab College of Technical Education, Ludhiana
10. Bhai Gurdas Institute of Engg. & Technology, Sangrur.

(c) MCA

The following institute was given provisional affiliation upto 1999-2000 session with an intake of 30 seats :

1. Punjab Institute of Management & Technology, Mandi Gobindgarh.

The following institute has been granted provisional affiliation from session 2000-2001 with an intake of 30 seats :

1. Apeejay Institute of Management, Jalandhar.

| College | Electronics & Communication | Industrial Engineering | Textile Engineering | Computer Science & Engineering | Civil Engineering | Chemical Engineering | Instrumentation & Control Engineering | Mechanical Engineering | Leather Technology | Architecture | Electrical Engineering | Production Engineering | Material Engineering | Electronics & Instrumentation Engg. | Information Technology |
|---|-----------------------------|------------------------|---------------------|--------------------------------|-------------------|----------------------|---------------------------------------|------------------------|--------------------|--------------|------------------------|------------------------|----------------------|-------------------------------------|------------------------|
| 1. Dr. B.R. Ambedkar Regional Engineering College, Jalandhar. | 44 | 30 | 44 | 44 | 30 | 30 | 30 | 33 | 20 | - | - | - | - | - | - |
| 2. G. Z. S. College of Engineering & Technology, Bathinda | 40 | - | 30 | 30 | 60 | - | - | 60 | - | 40 | 30 | - | - | - | - |
| 3. S. B. S. College of Engineering & Technology, Ferozepur | - | 40 | - | 40 | - | 40 | - | 40 | - | - | - | 40 | 40 | - | - |
| 4. Beant College of Engineering & Technology, Gurdaspur | 40 | - | - | 60 | - | 60 | - | 60 | - | - | - | 40 | - | - | - |
| 5. Malout Institute of Management & Information Technology, Malout | - | - | - | - | - | - | - | - | - | - | - | 40 | - | - | - |
| 6. Guru Nanak Dev Engineering College, Ludhiana | 40 | - | - | 40 | 40 | - | - | 50 | - | - | 50 | 30 | - | - | 40 |
| 7. Baba Banda Singh Bahadur Engg. College, Fatehgarh Sahib. | 60 | - | - | 60 | - | - | - | 60 | - | - | - | - | - | - | - |
| 8. G. T. B. Khalsa Institute of Engg. & Tech., Chaprianwall, Malout | 60 | - | - | 60 | - | - | - | 60 | - | - | - | - | - | - | - |
| 9. S. U. S. College of Engineering and Technology, Mohali. | 60 | - | - | 60 | - | - | - | - | - | - | 60 | - | 30 | - | - |
| 10. Adesh Institute of Engineering & Technology, Fardkot | - | - | - | 60 | - | - | 60 | - | - | - | 60 | - | - | - | - |
| 11. Sri Sukhmani Institute of Engg. & Technology, Dera Bassi. | 40 | - | - | 40 | - | - | 60 | - | - | - | 60 | - | 60 | - | - |
| 12. Institute of Engineering & Technology, Bhaddal (Ropar) | 60 | - | - | 60 | - | - | - | - | - | - | 60 | - | - | - | - |
| 13. Lala Lajpat Rai Institute of Engineering & Technology, Moga | 60 | - | - | 60 | - | - | - | - | - | - | 60 | - | 40 | - | - |
| 14. J.T. College of Engineering, Punjab | 60 | - | - | 60 | - | - | 60 | - | - | - | 40 | - | - | - | - |

(d) BBA / BCA

The number of seats in the BBA/BCA Programmes is as follows :

| Sl. No. | Name of the Institution | Number of seats | |
|---------|---|-----------------|-----|
| | | BBA | BCA |
| 1. | Apeejay Institute of Management, Mahavir Marg, JALANDHAR - 144 001. | 60 | 120 |
| 2. | Punjab Institute of Management & Technology, G.P.S. Campus, Mandi Gobindgarh - 147 301 | 30 | 120 |
| 3. | Centre for Management Training & Research, E-44, Industrial Area, Phase VIII, MOHALI - 160 059 | - | 120 |
| 4. | Gian Jyoti Institute of Management & Technology, Phase 2, S.A.S. Nagar, MOHALI - 160 055 | - | 80 |
| 5. | Lala Lajpat Rai Memorial Institute of Management & Technology DHUDIKE (Distt. Moga) - 142 053 | 30 | 90 |
| 6. | Punjab College of Technical Education, Near ITBP Camp, Baddowal, Ferozepur Road, LUDHIANA - 142 021 | 30 | 80 |
| 7. | Jamna Devi Institute of Management & Technology, Bathinda Road, MUKTSAR - 152 026 | - | 80 |
| 8. | Bhai Gurdas Institute of Engineering & Technology, SANGRUR - 148 001 | 30 | 60 |
| 9. | Regional Institute of Management & Administration, Zirkpur, Distt : Ropar - 140 105 | 60 | 120 |
| 10. | G. G. N. Institute of Management & Technology, Post Box. No. 272, Civil Lines, LUDHIANA - 141 002 | 60 | 120 |
| 11. | Guru Nanak Institute of Management & Technology, Gujarkhan Campus, Model Town LUDHIANA - 141 002 | 30 | 80 |
| 12. | Institute of Management Studies (For Girls), Model Town, LUDHIANA - 141 002 | 30 | 80 |
| 13. | Lala Lajpat Rai Institute of Management & Technology, Nabha Gate, SANGRUR - 148 001 | 30 | 60 |
| 14. | St. Soldier Management & Technical Institute, Master Gurbanta Singh Nagar, Near Kapurthala Road, JALANDHAR - 144002 | 30 | 60 |
| 15. | Swami Sarya Nand Institute of Management & Technology DINANAGAR - 143 531 (Distt. Gurdaspur) | - | 80 |
| 16. | Guru Teg Bahadur National Institute of Management & Technology, DAKHA (Ludhiana) - 141 102 | - | 80 |

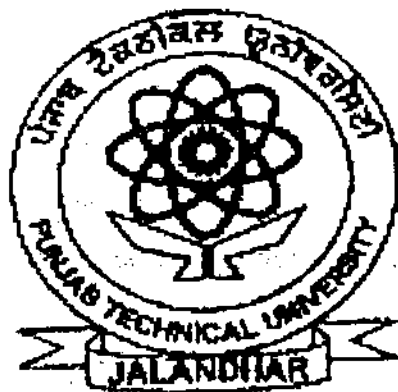
(e) Pharmacy

The following Institutes have been granted provisional affiliation for Pharmacy Programme during the session 2000-2001:

| Sl. No. | Name of the Institute | Sanctioned Seats |
|---------|---|------------------|
| 1. | Indo Soviet Friendship College of Pharmacy MOGA - 142 001 | 60 |
| 2. | Amar Shahid Baba Ajit Singh Jujhar Singh Memorial College of Pharmacy, Bela (Ropar) | 40 |
| 3. | Baba Isher Singh Pharmacy College, Kot-ise-Khan, Dharamkot Road, Teh. Zira, Distt. Ferozepur. | 40 |

ACADEMIC REGULATIONS

2001



PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

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CHAPTER I

REGULATIONS REGARDING CONSTITUTION AND FUNCTIONS OF BOARD OF STUDIES

1. There shall be one Board of Studies for the Undergraduate and Postgraduate (including Postgraduate Diploma) Courses for each B. Tech./ B.E./ Architecture/ Management / Computer Applications / Pharmacy and other disciplines.
2. There shall be one Board of Studies for Sciences, which include Physics, Chemistry, Mathematics and Humanities.

A. Constitution

3. Each Board of Studies shall consist of
 - (i) A Chairman from amongst the senior most Professors / Assistant Professors in the concerned disciplines / subjects in the affiliated Colleges / Departments of the University by rotation. An Advisory Committee may be appointed if Professors / Assistant Professors are not available.
 - (ii) Two Professors from the concerned disciplines / subjects in the affiliated Colleges/ Departments of the University by rotation, according to seniority.
 - (iii) Two Assistant Professors from the concerned disciplines / subjects in the affiliated Colleges/ Departments of the University by rotation, according to seniority.
 - (iv) Two Lecturers from the concerned disciplines / subjects in the affiliated Colleges / Departments of the University by rotation, according to seniority.
 - (v) There shall be not more than one teacher from one college from the same cadre.
 - (vi) Three outside experts, preferably one from the industry, and two academicians to be nominated by the Vice - Chancellor, from a panel of experts to be proposed by the Chairman of respective Board of Studies.

B. Functions

4. The Board of Studies shall perform the following functions :-
 - (i) To recommend the curriculum and courses of Studies including the text books for various subjects of Undergraduate Studies and Postgraduate Studies.
 - (ii) To recommend the names of the paper setters, internal and external examiners for Undergraduate and Postgraduate Courses.
 - (iii) To frame, wherever necessary, model papers for the guidance of paper setters.
 - (iv) To recommend a list of reference books, periodicals, reports etc. pertaining to the subject concerned, for the Library.
 - (v) To recommend the list of equipment, and the norms for the recruitment of Technical Staff.

- (vi) To recommend measures for the periodical assessment and improvement of the standards of Undergraduate and Postgraduate Studies.
- (vii) To act as a consultative body in regard to all references made to it and to bring to the notice of concerned authorities any matter connected with subjects under the purview of the Board.
- (viii) To recommend panel of Editors for preparation of anthologies.
- (ix) To deal with any other matter referred to it.
- (x) To approve the title of Research topic design methodology and the supervisors for dissertation.

5. Each Board of Studies shall be a permanent body and the tenure of each member shall be for a period of 2 years, starting from July.
6. The Chairman shall call meeting of the Board of Studies as and when considered necessary. But not less than two meetings must be held in one academic year and gap between two meetings shall not be more than 180 days.
7. 50% of the total members of the Board of Studies shall form the quorum.
8. Board of Studies may transact business either at a meeting or by circulation, if considered necessary.

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- (iii) To frame, wherever necessary, model papers for the guidance of paper setters.
- (iv) To recommend a list of reference books, periodicals, reports etc., pertaining to the subject concerned, for the Library.
- (v) To recommend the list of equipment, and the norms for the recruitment of Technical Staff.

4. Without prejudice to the generality of the forgoing powers, the Academic Council shall be responsible :

- (a) to advise all academic matters, including the control and management of the libraries and extra curricular activities of the students.
- (b) to co-opt at its meetings such Heads of Departments or eminent technologists and industrialists as it may consider necessary;
- (c) to make recommendations to the Vice - Chancellor for the Institution of the Professorships, Assistant Professorships and Lecturerships and teacherships and other teaching posts and in regard to the duties and emoluments thereof;
- (d) to formulate, modify or revise schemes for the constitution or reconstitution of departments of teaching and research;
- (e) to make regulations regarding the admission of students to the University;
- (f) to make regulations regarding examinations conducted by the University and the conditions on which students shall be admitted to such examinations;
- (g) to make regulations relating to courses of study leading to degrees, diplomas and certificates;
- (h) to make recommendations regarding Postgraduate teaching and research ;
- (i) to make recommendations regarding the qualifications to be prescribed for teachers in the University;
- (j) to exercise such other powers and perform such other duties as may be assigned by the Vice - Chancellor.

5. The Academic Council shall meet as often as necessary but atleast twice a year.

6. One fifth of the total members shall form the quorum of a meeting.

C. Conduct of Meetings

7. The Secretary, Academic Council (Registrar), shall issue notice for holding of the meeting of the Council on such date / time / place as the Council had decided in the preceding meeting or on a date which may be fixed by the Chairman of the Academic Council inviting list of items for the meeting.
8. Fifty copies (or more as required) of an agenda notes shall be supplied by the faculty/department concerned duly signed, at least 10 days in advance of the date of the meeting to the Secretary, Academic Council. The agenda notes shall be carefully screened by the Director/Principal concerned before these are sent to the Secretary.
9. No agenda item(s) received beyond the date as prescribed in (9) above shall be included in the agenda unless specifically permitted by the Vice Chancellor for doing so under special circumstances.
10. It shall be obligatory for each member of the Academic Council to attend the meeting. Members who are unable to attend the meeting for some unavoidable reasons, shall inform the Secretary about the same, preferably before the meeting. Normally only a bonafide member of the Academic Council shall be allowed to attend a meeting of the Council. However, any other person who may not be a member of the Academic Council may by general or specific order be allowed/invited as a 'special invitee' by the Secretary of the Council to attend the meeting(s) with the prior permission of the Chairman (Vice Chancellor).

CHAPTER II

REGULATIONS RELATING TO CONSTITUTION, POWERS AND DUTIES OF ACADEMIC COUNCIL

A. Constitution

In accordance with section 15 of the Punjab Technical University Act 1996, the Academic Council shall consist of the following members :

- | | | |
|-----|--|----------|
| (a) | Vice - Chancellor | Chairman |
| (b) | Pro Vice - Chancellor | Member |
| (c) | Deans of Faculties | Members |
| (d) | All Directors (of the rank of Professor) of the University | Members |
| (e) | Principals / Directors of affiliated Colleges / Institutes : | |
| | (i) Five from Engineering & Technology Colleges | Members |
| | (ii) Five from Management Institutes | Members |
| | (iii) Two from Pharmacy Colleges | Members |

For two years by rotation, according to seniority.

- | | | |
|-----|---|---------|
| (f) | Heads of Departments of affiliated Colleges/ Institutes : | |
| | (i) Three from Engineering & Technology Colleges | Members |
| | (ii) Three from Management Institutes | Members |
| | (iii) One from Pharmacy Colleges | Member |

For two years by rotation, according to seniority.

- | | | |
|-----|--|---------|
| (g) | One Professor from each Department/ Centre Of the University other than the Heads of the Departments/Centre. | Members |
|-----|--|---------|

For two years by rotation, according to seniority.

- | | | |
|-----|---|---------|
| (h) | Two eminent Industrialists to be nominated by the Board of Governors for two years. | Members |
| (i) | Two eminent Technologists to be nominated by the Board of Governors for two years. | Members |

The Registrar shall be the ex-officio Secretary of the Academic Council.

B. Powers and Duties

The Academic Council shall be incharge of the academic affairs of the University and shall, subject to the provisions of this Act and the Regulations, superintendent, direct and control, and be responsible for the maintenance of standards of instruction, education and examination and other matters connected with the obtaining of degrees and shall exercise such other powers and perform such other duties as may be prescribed by the Vice - Chancellor.

REGULATIONS FOR AFFILIATION OF COLLEGES / INSTITUTES

A. Submission of Application for Affiliation

1.1. Applications for grant of affiliation shall be made by -

- (a) Director / Principal/Registrar in the case of a Government College.
- (b) The Chairman/President or any other authority appointed for the purpose by the Governing Body of the College - in the case of a private aided - or Unaided College.

1.2 The last date by which the applications should reach the Director Colleges of the University shall be November 1 of the year preceding the one in which it is proposed to start the college. Provided that the Vice-Chancellor may, for special reasons, entertain such applications after the last date.

2. The application in the prescribed proforma shall be accompanied by -

- (a) a statement containing full information regarding the Constitution of the Governing Body and the names of its members ;
- (b) a statement showing the names of the teachers employed along with their qualifications and the number of teachers proposed to be employed, subject(s)/ programme(s) proposed to be taught by each one of them, their salaries and grades of pay;
- (c) a complete plan (to scale) of the buildings and play grounds ;
- (d) statements indicating -
 - (i) number of students proposed to be admitted;
 - (ii) number of students not residing with their parents or guardians;
 - (iii) arrangements made or proposed to be made for the residence, in the college or lodging approved by the college, of students not residing with their parents or guardians;
 - (iv) arrangements made or proposed to be made for (a) the supervision of students and (b) physical welfare of students including arrangements for games, physical training, playgrounds, and medical assistance;
 - (v) arrangements made or proposed to be made for the benefit of girl students if the college provides co-education.
- (e) number and character of the books comprising the library, and the expenditure annually provided or proposed to be provided for the improvement of the library;
- (f) appliances (including laboratory equipment, computers and apparatus and Chemicals etc.) provided or proposed to be provided for teaching the subjects/programmes in which affiliation is sought and amount to be annually expended on such appliances;
- (g) accommodation provided for the residence of the Principal/Director of the college and for members of the teaching staff in or near the college or the students' hostel ;
- (h) financial resources of the college, including a statement of the annual income and expenditure;
- (i) a statement showing the rates of fees proposed to be levied and the number of students exempted wholly or in part from such fees.

In addition to the requirements under Regulation 2, the authorities applying for grant of affiliation to a new college shall, along with the application, produce evidence;

A mention about the presence/absence, of the members with or without intimation, shall be made in the minutes of the meeting concerned.

Items for discussions in the meeting may originate from or with the permission of the Chairman of the Board of Studies, the standing committee of the Council or on a reference/direction of the Board of Governors or by an individual member with the prior permission of the Chairman. An item not included in the agenda may be placed before the Council only if permitted by the Chairman to be considered under the item 'With the permission of the Chair'.

The agenda and notice for any regular meetings shall be circulated by the Secretary, Academic Council so as to reach the members at least 5 days before the day of meeting. The agenda and notice for an emergency meeting must normally be issued three days before the meeting. However, decisions taken in an emergency meeting with less notice will not be invalidated because of inadequacy of notice.

A copy of the minutes of each meeting shall be supplied to the members.

Follow-up action on the decisions of a meeting shall be taken by Dean/Directors/Principals/Head of Departments/Sub-committees and a report about the action taken shall be forwarded to the Secretary, Academic Council at least 10 days in advance, for reporting the same to the Council at the next meeting.

Agenda notes once circulated shall not be circulated again and the members are expected to retain those agenda notes till they are considered by the Academic Council.

On all matters not specifically provided for in these Regulations from clause 8 to 17 about the conduct of meetings of the Academic Council, the decision of the Vice - Chancellor shall be final.

No item should be taken up for discussion in the Academic Council without a proper agenda note. The items received without proper agenda note would be returned to the person concerned by the Secretary, Academic Council.

- (d) a statement of the number and character of library books and the annual expenditure provided or proposed to be provided for the Library in the subject(s) concerned;
- (e) a statement of the applications (including Lab. equipment, Computers, apparatus and chemicals, etc.) provided or proposed to be provided for teaching the subject(s) for which the extension of affiliation is sought and the amount to be annually expended on such appliances.

6.2 In addition to the requirements given in Regulation 6.1 the authorities applying for extension of affiliation shall produce, along with the application, evidence that they possess the additional Endowment Fund, if any, as prescribed by the University for grant of extension of affiliation.

7 The procedure for consideration of the application for grant of extension of affiliation shall be the same as laid down in Regulation 4 for grant of affiliation.

D. Conditions for Affiliation

8. Every affiliated college shall be governed by the regulations concerning the service and conduct of teachers as laid down by the University from time to time.

9. Every affiliated college shall comply with the requirements of Section 5 of the Punjab Technical University Jalandhar Act and those of the various regulations contained in this Chapter: it shall also satisfy the University –

- (a) in regard to compliance of conditions imposed for grant of affiliation and other instructions considered necessary by the University.
- (b) that the Rules laid down for the following are being observed -
 - (i) conditions of Service and Conduct of Teachers in affiliated colleges.
 - (ii) academic qualifications and teaching experience for teaching staff and the Principal/Director as laid down from time to time; and
 - (iii) adequate equipment for library, computer Lab. and laboratories.
- (c) that the college possesses adequate financial resources,
- (d) that the conditions for grant of affiliation laid down by the University are being complied with, and
- (e) that the instructions considered necessary by the University in the light of an inspection report are being complied with.

10. If a college fails to start classes during the academic year for which permission has been given, the affiliation or extension of affiliation in the programme(s) concerned shall stand cancelled.

E. Penalties and Disaffiliation

11.1 If, at any time, Vice-Chancellor finds that a college appoints a Principal / Director or a teacher whose qualifications do not conform to those laid down by the University/AICTE or is not complying with the requirements of Sections 2 to 9 of these regulations or any instructions issued by the University, the University will have the authority to impose one or more of the following penalties –

- (a) students of the college concerned shall not be accepted for the University examination;
- (b) the college staff shall be debarred from University work, such as appointment as examiners, superintendents of examination centres, etc.

- (a) that they possess adequate buildings, equipment, furniture and Library Books and adequate funds as determined by the University for the purpose;
- (b) that they have deposited Endowment Fund as prescribed by the University in favour of the Registrar, Punjab Technical University to ensure the continued maintenance of the College;
- (c) that they have deposited security as prescribed by the University in favour of the Registrar, to be utilised to disburse all dues of the staff in case the College ceases to function or it is disaffiliated.

B. Processing of Application

- 4.1 On receipt of an application for grant of affiliation to a new college, after all the papers in regard to the requirements of Regulations 2 and 3 are complete, the Director Colleges shall place the matter before the Vice - Chancellor, who shall appoint an Inspection Committee.
- 4.2 The Inspection Committee shall visit the college and submit their report to the Vice - Chancellor within ten days of the inspection for approval.
- 4.3 The application for grant of affiliation and the recommendations of the Inspection Committee thereon shall be placed before the Academic Council and the Board of Governors by 31st of March of the year in which it is proposed to start the College.

Provided that the Vice-chancellor may, for special reasons, condone the delay in submission of such an application.

- 4.4 The recommendations of the Academic Council and the Board of Governors shall be communicated to the concerned college/institute by the Director Colleges.
- 4.5 An application for grant of affiliation may be withdrawn at any time before an order is issued.

C. Extension of Affiliation

- 5.1 An affiliated college may apply for grant of extension of affiliation if it has already complied with all the conditions imposed for its affiliation.
- 5.2 The application for grant of extension of affiliation shall be made by the authorities specified in Regulation 1.1.
- 5.3 The last date by which the applications should reach the Director Colleges of the University shall be December 1 of the year preceding the one in which it is proposed to start the classes in the subject.

Provided that the Vice - Chancellor may, for special reasons, entertain such application after the last date.

- 5.1 The application for grant of extension of affiliation shall be accompanied by -

- (a) a statement showing names of the teachers employed along with their qualifications and the number of teachers proposed to be employed, subject(s) proposed to be taught by each one of them, their salaries and grades of pay;
- (b) a complete plan (to scale) of the additional accommodation for the class rooms and laboratories, if any;
- (c) a statement of the number of students proposed to be admitted;

F. Inspection of Colleges/Institute

14.1 Every affiliated college shall be inspected at least once in two years by an inspection committee to be appointed by the Vice-Chancellor.

Provided that if at any time the Board of Governors is of the opinion that a special inspection of an affiliated college is necessary, the Board of Governors may cause such an inspection to be made by a committee appointed by it on the recommendations of the Vice-Chancellor.

14.2 The inspection will be directed primarily to the purpose of ascertaining—

- (a) if the conditions of affiliation prescribed by and under these regulations are being complied with;
- (b) that adequate measures are taken to ensure efficiency as regards—
 - (i) if the conditions of affiliation prescribed by and under these regulations are being complied with;
 - (ii) instruction, residence and supervision of students;
 - (iii) accommodation for classes and administrative offices;
 - (iv) furniture, apparatus, computer and sanitary arrangements;
 - (v) Library;
 - (vi) registers for various purposes; and
 - (vii) other similar matters.

14.3 The report of inspection shall be submitted within 10 days to the Vice-Chancellor for consideration of the Board of Governors.

14.4 If the report calls for any action by the Board of Governors the Board of Governors shall specify the points in which it considers the college deficient and fix a time, which may be extended for sufficient reasons, within which the college shall take action necessary to comply with the directions of the Board of Governors.

14.5 In the month of July or August or in such other month as the Board of Governors may from time to time determine the Principal/Director of every affiliated college shall submit annually a report to the Board of Governors indicating—

- (a) the changes in the management;
- (b) the administrative staff;
- (c) changes in the teaching staff and qualifications of new members;
- (d) number and distribution of students;
- (e) income and expenditure of the previous financial year;
- (f) results of examination;
- (g) scholarships won by students;
- (h) condition of library, computer lab, other labs;
- (i) number of students in the college hostel; and
- (j) extra-curricular and co-curricular activities of the students.

14.6 Every affiliated college shall observe the regulations laid down for admission, migration and inter-college matters given in the University regulations. If a college fails to do so, BOG may take such action as it may deem necessary under Regulation 11.1.

G. PART TIME POSTGRADUATE PROGRAMMES

17.1 Application for affiliation of part time Postgraduate programmes shall be made by—

- (a) Director/Principal of the college in the case of a government college.

- (c) the Principal or the teacher concerned shall be debarred from seeking election to a University body or his name shall be removed from the list of members of University body;
 - (d) the papers for financial grants to the colleges shall not be forwarded to the State Government/ University Grants Commission/AICTE etc.
 - (e) the University may withdraw affiliation granted to the college, in part or in whole.
- 11.2 If after enquiry it is found that an affiliated College / Institute under private management is not being properly administered the Vice - Chancellor may appoint a representative or representatives of the University on the Managing body of the College / Institute for such period as may be felt essential.
- If a representative/s of the University appointed on the Managing Committee of an affiliated college is / are not invited to the meeting/s of the Managing Committee, the proceedings of the meeting/s shall be regarded as invalid. T.A. and D.A. of the University representative/s will be paid by the college concerned.
- 11.3 In the event of disaffiliation of a college, the Board of Governors shall have power to decide regarding the disposal of the "Endowment Fund".
12. Every college must comply with all the conditions, imposed for grant of affiliation.
- 13.1 If any college does not provide instructions, for three years continuously, in a programme(s) in which affiliation had been granted, the affiliation in such programme(s) shall stand cancelled.
- 13.2 If the Governing Body of a College proposes to discontinue the college, it shall seek the prior permission of the University.
- 13.3 No college affiliated to the University shall discontinue instructions in any Faculty /Course/Subject without the prior permission of the University.
- 13.4 (a) in either of the case falling under Regulation 13.2 or 13.3, an application for the required permission shall be made at least one academic year in advance with detailed reasons in support of the proposal, to the Registrar;
- (b) in the case of discontinuation of the College, it shall be incumbent upon the Governing Body of the Institution concerned to give a notice of one year to its employees regarding termination of their services, which will take effect only if and when the permission is granted by the University and subject to the conditions, if any, imposed by it.
- 13.5 The discontinuation in respect of each integrated course of study/subject for which it is affiliated shall be in stages as under :
- (a) in the first year, admissions to Part I classes will be discontinued and II/III etc. will continue;
 - (b) in the 2nd year, Part II classes will discontinue and classes for Part III, etc. if any, will continue; and so on.

Explanation: The students concerned who have already taken up the course /subject shall be allowed to complete the course/subject concerned. This will not, however, cover the failures in a class.

start the part time Postgraduate classes provided that the Vice-Chancellor may, for special reasons, entertain an application after the prescribed date.

- 20.1 On receipt of an application for permission for the part time classes, the Director Colleges shall, after all the papers in regard to the requirements of Regulation 18.1 and 18.2 are complete, place the matter before the Academic Council/Vice - Chancellor.
- 20.2 The Academic Council / Vice - Chancellor shall appoint an Inspection Committee to satisfy itself if the college is in a position to fulfil all the conditions laid down for starting the part time classes.
- 21.1 The Inspection Committee shall visit the college in accordance with such inspections as may be given by the Academic Council / Vice - Chancellor and submit their report to the Director Colleges with ten days of the inspection. The report shall be placed before the Academic Council.
- 21.2 If permission for part time classes is recommended by the Academic Council, the matter shall be placed before the BOG for grant of affiliation.
22. Except as provided in the foregoing regulations, the part time Postgraduate classes shall be governed by the regulations laid down for regular classes in respect of matters not otherwise provided for, viz., dates of admission, migration, tuition fees, attendance requirements, conditions laid down for admission to the University examinations. Rate of fees for these programmes may be such as to make them self supporting.
23. If a college fails to start part time Postgraduate classes in the academic year in which permission has been granted, the permission for such classes shall stand cancelled.
- 24.1 An inspection of a college for the part time Postgraduate classes shall be conducted once every three years and at any other time, when an inspection is considered necessary by the Academic Council. An inspection committee shall be appointed by the Vice Chancellor. The inspection shall be directed primarily to the purpose of ascertaining-
 - (a) if the conditions of permission have been complied with;
 - (b) if the college is following all the University regulations and rules, and directions given by the Academic Council in regard to teaching staff, the library, instruction and supervision of students, physical training, play grounds and medical assistance, registers for various purposes and other similar matters.
- 24.2 The report of Inspection committee shall be submitted to the Director Colleges in the prescribed form within a week of the inspection.
- 24.3 If the report calls for any action by the Academic Council, the Academic Council shall specify that points for action, and fix a time limit which may be extended for special reasons, by which the college shall comply with the directions of the Academic Council failing which the permission to continue part time classes may be withdrawn.

- (b) The Chairman/General Secretary/Secretary of the governing body of the college in the case of a non-government college.
- 17.2 Part time classes shall be allowed only for M. Tech./M.E./PG Diploma Programmes. Only persons employed in service or in private business will be eligible to join.
- 18.1 An affiliated college intending to add Part Time Postgraduate Programmes shall make an application to the University which shall be accompanied by –
- (a)
 - (i) In the case of a private college, an evidence to prove that the college possesses an additional endowment fund of the value 25% of the original endowment fund;
 - (ii) A statement showing the names of the teachers employed along with the qualifications and the number of teachers to be employed, subjects(s) proposed to be taught by each of them, their salaries and grades of pay;
 - (iii) a declaration that the teaching staff of the Part time classes shall be separate from the teachers working in the regular classes. However, to overcome an exigency, a teacher may be drawn from the regular classes to work for the part time classes, but in no case he shall be assigned more than 20 periods each of one hour duration per week in the regular and part time classes and he /she shall be paid an allowance for the additional work according to the rates as may be determined by the BOG of the University from time to time.
 - (b) In the case of the private colleges, an undertaking that management shall abide by the regulations laid down by the University to govern conditions of service and conduct of teachers;
 - (c) Statement showing
 - (i) the number of students proposed to be admitted in the Part Time classes;
 - (ii) the arrangements made or proposed to be made for (a) Supervision of students and (b) Physical welfare of students including sports and medical assistance; that college dispensary shall be kept open for two hours in the evening and qualified medical advice and medicine shall be made available to the students.
 - (iii) The arrangements made or proposed to be made for benefit of female students;
 - (iv) That the library of the college shall be available to the students of the part time classes and that a separate Assistant Librarian of the Day College with suitable supporting staff under the control of the regular librarian shall be appointed exclusively for the part time classes;
 - (v) A declaration that the college laboratories shall be made available for the part time students in accordance with the directions of the University;
 - (vi) The financial resources of the college including a statement of the annual income and expenditure and assets and liabilities.
 - (vii) the rates of fees proposed to be charged and the number of students to be exempted from such fees in whole or part.
- 18.2 The authorities of the college shall also forward a declaration along with the application for permission to the effect that the Principal of the college (regular classes) shall be paid 10% of pay per month as allowance for administrative work of the part time classes.
19. Application for grant of permission for the part time classes shall reach Director Colleges of the University by December 1, of the year preceding the one in which it is proposed to

- ✓ 10. The Head of the Institution may condone shortage in attendance in each subject to the extent of 10% of the total lectures delivered with proper recorded reasons.
11. Each student shall submit the Project Report to the Head of the Department/ Institution within 15 days of the last examination of the sixth semester.
12. The Project Report of the candidates shall be examined by an external examiner to be appointed by the University; whereas the training report shall be examined internally by a faculty member to be appointed by the Head of the Institution.
13. The medium of instruction shall be English.
14. The minimum marks to pass the examination in each semester shall be 40% in each paper including viva-voce and seminar.
15. A candidate shall be eligible for the award of a prize or a medal, if
 - (a) he / she passes the BBA / BCA examination in three years, and
 - (b) has passed all the subjects in the first attempt available to him / her.
16. The internal assessment awards of a candidate who fails in the external examination shall be carried forward to the next examination.
17. There shall be no reappear in the sessional / internal assesment of Theory and Practical subjects. The marks obtained by the students in sessionals / internal assesment both in Theory and Practicals shall be added as such to the marks obtained in written Theory and External Practical examinations respectively.
18. The students will have to obtain a minimum of 40 % marks in written Theory and external Practical examination separately to pass the subject.
19. The external examiners for the Practical examinations shall be appointed by the University and the presence of an external examiner to conduct the Practical examination shall be required.
20. In the detailed marks card the marks secured by the candidate in internal assessment and external examination will be shown separately.
21. The successful candidates shall be classified on the basis of aggregate marks in first, second, third, fourth, fifth and sixth semesters into following divisions :
 - (i) Those who obtain 70% or more of the total aggregate marks - First Division with Honours.
 - (ii) Those who obtain 60% or more but less than 70 % of the total aggregate marks - First Division
 - (iii) Those who obtain 50% or more but less than 60% of the total aggregate marks - Second Division.
 - (iv) Those who obtain less than 50% of the total aggregate marks shall be awarded "Pass" degree.
22. As soon possible after the completion of the examination, the University shall publish a list of successful candidates.
23. A candidate is required to pass in all the courses prescribed in a semester by securing minimum prescribed marks in a course & in the aggregate as prescribed in the

CHAPTER IV

ORDINANCES FOR BBA AND BCA

1. The University shall undertake the instructions for Bachelor's Degree in Business Administration and Computer Applications. The duration of the Course shall be three academic years. Each year shall be divided into two semesters. The duration of each semester will be 18 - 20 weeks (90 teaching days).
2. The admission to these courses will be based on merit in the qualifying examination or in an entrance test to be conducted by Punjab Technical University, provided the candidate is otherwise eligible for admission. 5% weightage is to be given to those candidates who have studied for at least three years and have passed their matriculation, +1 and +2 examinations from the Rural Schools.
3. The eligibility for admission to BBA and BCA classes shall be as follows :

A candidate who has passed 10+2 examination or its equivalent examination conducted by a recognised Board / University / Council, securing atleast 45% marks shall be eligible for admission to these courses subject to the reservation policy.
4. There shall be University examination at the end of each semester. The examination for the first, third and fifth semesters shall ordinarily be held in the month of December and for the second, fourth and sixth semesters in the month of May, or on such dates as may be fixed by the University.
5. Every candidate shall be examined in the subjects according to the syllabi and course outlines prescribed from time to time.
6. Each paper shall be of 100 marks, out of which the candidate shall be examined for 60 marks on the basis of external paper setting & evaluation. Remaining 40 marks in each paper, excluding project report seminars and practicals, shall be assigned to internal assessment. It will be based on performance of the students in house tests, take-home assignments and class participation, etc.
7. The first semester examination shall be open to a regular student who :-
 - (i) has been on the rolls of the Institution during the first semester; and
 - (ii) has attended not less than 75% of the lecturers, seminars and case discussions etc.
 - (iii) bears a good moral character.
8. The second, third, fourth, fifth and sixth semester examinations shall be open to a regular student who :-
 - (i) has been on the rolls of the Institution during these semesters as the case may be.
 - (ii) has attended not less than 75% of lectures; seminars and case discussions etc.
 - (iii) has passed the previous semester examination respectively, or is covered under Re-appear regulations.
9. Attendance shall be counted seven days prior to the commencement of the University theory examinations.

CHAPTER V

ORDINANCES FOR B. PHARMACY

1. The University shall undertake the instructions for Bachelor's Degree in Pharmacy (B. Pharm.). The duration of the Course shall be four academic years. Each year shall be divided into two semesters. The duration of each semester will be 18 - 20 weeks (90 teaching days).
2. The admission to this course will be based on merit in the qualifying examination or in an entrance test to be conducted by Punjab Technical University, provided the candidate is otherwise eligible for admission.
3. The eligibility for admission to B. Pharmacy Course shall be as follows :

| | | |
|-----|-------------------------|---|
| (a) | Medical Stream | 50% marks in the subjects of Physics, Chemistry and Biology in the 10+2 examinations and 33% for SC & ST Category candidates. |
| (b) | Non-Medical stream | 50% marks in the subjects of Physics, Chemistry and Mathematics in the 10+2 examinations and 33% for SC & ST Category candidates. |
| (c) | Diploma Pharmacy Stream | 50% marks in aggregate as per ER-1991 and 33% for SC & ST category candidates. |

Admission shall be purely on merit through counselling in these three streams. The seats will be equally divided in the three streams.

4. There shall be University examination at the end of each semester. The examination for the first, third, fifth and seventh semesters shall ordinarily be held in the month of December and for the second, fourth, sixth and eighth semesters in the month of May, or on such dates as may be fixed by the University.
5. Every candidate shall be examined in the subjects according to the syllabi and course outlines prescribed from time to time.
6. Each paper shall be of 100 marks, out of which the candidate shall be examined for 80 marks on the basis of external paper setting & evaluation. Remaining 20 marks in each paper shall be assigned to internal assessment. It will be based on performance of the students in house tests, and day to day assessment in practicals. In Remedial Mathematics/ Remedial Biology of Semester - I, the theory marks shall be 80/40 in the University examination and 20/10 in the sessionals, respectively. The allotment of marks for practicals in Biology shall be 40 in the University examination and 10 in the sessionals.
7. The first semester examination shall be open to a regular student who :-
 - (i) has been on the rolls of the College during the first semester; and
 - (ii) has attended not less than 75% of the lectures and practicals.
 - (iii) bears a good moral character.
8. The second, third, fourth, fifth, sixth, seventh and eighth semester examinations shall be open to a regular student who :-
 - (i) has been on the rolls of the College during these semesters as the case may be.

regulations. However, if a candidate fails to secure required marks in a course or in the aggregate, he/she shall be allowed to reappear according to the following regulations :

- (i) A candidate detained from appearing in any semester examination of a subject(s) due to shortage of attendance will retake the course of study when the subject(s) are offered as a regular course in the subsequent semesters.
- (ii) Those candidates who obtain less than 40% marks in University examination in any of the courses shall be placed under reappear. They may appear in the University examination in the reappear course in the subsequent semester when the examination of this course is held.
- (iii) A candidate who has been placed in reappear because of University examination shall be allowed to study for next semester examination & shall be permitted to appear in the failed papers of the previous examinations in the subsequent examinations which shall be held along with the papers of the higher examination, subject to the conditions that for promotion in the third semester atleast 50% courses of first & second semester should be clear & similarly for promotion to the fifth semester, atleast 50% of the first, second, third and fourth semester courses together should be cleared.
- (iv) A total of nine semesters (four and a half years) from the date of admission shall be given to a candidate to pass all the courses, after which the candidature of the candidate shall be cancelled. A maximum of three chances, (including the regular chance) shall be given for clearing a course of any semester.

regulations. However, if a candidate fails to secure required marks in a course, he/she shall be allowed to reappear according to the following regulations :

- (a) A candidate detained from appearing in a semester examination of a subject(s) due to shortage of attendance will retake the course of study when the subject(s) are offered as a regular course in the subsequent semesters.
- (b) Those candidates who obtain less than 50% marks in University examination in any of the course shall be placed under reappear. They may appear in the University examination in the reappear course in the subsequent semester when the examination of this course is held.
- (c) A candidate who has been placed in reappear because of University examination shall be allowed to study for next semester examination & shall be permitted to appear in the failed papers of the previous examinations in the subsequent examinations which shall be held along with the papers of the higher examination, subject to the conditions that for promotion in the third semester atleast 50% courses of first & second semester should be clear & similarly for promotion to the fifth semester, atleast 50% of the first, second, third and fourth semester together should be cleared.
- (d) A total of twelve semesters (six years) from the date of admission shall be given to a candidate to pass all the courses, after which the candidature of the candidate shall be cancelled. A maximum of three chances, (including the regular chance) shall be given for clearing a course of any semester.

- (ii) has attended not less than 75% of lectures and practicals, and
 - (iii) has passed the previous semester examination respectively, or is covered under Re-appear regulations.
9. Attendance shall be counted upto seven days prior to the date of commencement of the University Theory examinations.
 10. The Head of the Institution may condone shortage in attendance in each subject to the extent of 10% of the total lectures delivered and practicals held with proper recorded reasons.
 11. The medium of instruction shall be English.
 12. The minimum marks to pass the examination in each semester shall be 50% in each paper.
 13. A candidate shall be eligible for the award of a prize or a medal, if
 - (c) he / she passes the B. Pharmacy examination in four years, and
 - (d) has passed all the subjects in the first attempt available to him / her.
 14. The internal assessment awards of a candidate who fails in the external examination shall be carried forward to the next examination.
 15. There shall be no reappear in the sessional / internal assessment of Theory and Practical subjects. The marks obtained by the students in sessional / internal assessment both in Theory and Practicals shall be added as such to the marks obtained in written Theory and External Practical examinations respectively.
 16. The students will have to obtain a minimum of 50 % marks in written Theory and external Practical examination separately to pass the subject.
 17. The external examiners for the Practical examinations shall be appointed by the University and the presence of an external examiner to conduct the Practical examination shall be required.
 18. In the detailed marks card, the marks secured by the candidate in internal assessment and external examination will be shown separately.
 19. The successful candidates shall be classified on the basis of aggregate marks in first, second, third, fourth, fifth, sixth, seventh and eighth semesters into following divisions :
 - (a) Those who obtain 70% or more of the total aggregate marks - First Division with Honours.
 - (b) Those who obtain 60% or more but less than 70% of the total aggregate marks - First Division
 - (c) Those who obtain 50% or more but less than 60% of the total aggregate marks - Second Division.
 20. As soon as possible after the completion of the examination, the University shall publish a list of successful candidates.
 21. A candidate is required to pass in all the courses prescribed in a semester in University Examination by securing minimum prescribed marks in a course as prescribed in the

CHAPTER VI

REGULATIONS FOR BACHELOR OF TECHNOLOGY / BACHELOR OF ENGINEERING AND BACHELOR OF ARCHITECTURE COURSES

1. The University will award Bachelor's Degree in the following disciplines :-

- (i) Architecture
- (ii) Chemical Engineering
- (iii) Chemical & Bio Engineering
- (iv) Civil Engineering
- (v) Civil Engineering (Structural Engineering & Construction Management)
- (vi) Computer Engineering
- (vii) Computer Science
- (viii) Computer Science & Engineering
- (ix) Electrical Engineering
- (x) Electronics Engineering
- (xi) Electronics & Electrical Communication Engineering
- (xii) Electronics (Instrumentation & Control Engineering)
- (xiii) Electronics & Communication Engineering
- (xiv) Electronics & Instrumentation Engineering
- (xv) Industrial Engineering
- (xvi) Information Technology
- (xvii) Instrumentation & Control Engineering
- (xviii) Leather Technology
- (xix) Material Technology
- (xx) Mechanical Engineering
- (xxi) Mechanical Engineering (Mechanical Machine Design & Automation)
- (xxii) Production Engineering
- (xxiii) Textile Technology

and also in any other discipline introduced later on.

2. The duration of Bachelor of Technology, course will be four years, divided into eight semesters and the duration of Bachelor of Architecture will be five years, divided into ten semesters. The duration of each semester will be 18 - 20 weeks (90 teaching days), according to the following schedule :-

| | |
|--------------------|--|
| August to December | Odd Semester (1, 3, 5, 7, 9) |
| January to May | Even Semester (2, 4, 6, 8, 10) |
| June to July | Summer Workshop / Industrial Training / Tours etc. |

3. The admission to the above courses will be based on merit in an entrance test provided the candidate is otherwise eligible for admission.
4. (a) The candidate must have passed 12th Class examination on 10+2 pattern with four compulsory subjects namely Physics, Chemistry, Mathematics and English from a "State School Education Board" or any other examination with above said four compulsory subjects, recognised by the Punjab Technical University, Jalandhar and equivalent to 12th class examination of 10+2 pattern.

- (b) He/ She should bear a good moral character.
- (c) He/ She must fulfil the eligibility criteria prescribed by the Engineering College, where he/ she seeks admission.
- (d) He/ She must be in a good mental and physical health. Each candidate before admission will have to undergo a medical fitness examination and shall have to produce a medical fitness certificate, as prescribed by the University.

5. A student admitted to B. Tech. / B.E. / B. Arch programme must be on the rolls of an affiliated Engineering College/ Institute to attend the classes regularly as per rules and shall pay such fees to the College/ Institute as decided by the University / College / Institute from time to time.

6. Change of discipline from Architecture to any branch of Engineering and vice-versa is not allowed. Change of discipline from one branch of Engineering to another within the same College will be allowed after completion of 2nd semester and before the start of 3rd semester. It will be strictly according to the rules as framed by the University from time to time.

7. The University examination shall be held at the end of each semester as per the prescribed scheme of examination for each discipline and date sheet notified by the University.

8. In order to be eligible to appear in any semester examination, a candidate must have had his Examination form submitted to the Registrar through the Principal of his/ her College/ Institute alongwith the following certificates signed by the Principal :-

- (i) of good character.
- (ii) of having remained on the rolls of the College, and
- (iii) of having attended not less than 75% of the scheduled periods, in each prescribed course of Theory (Lectures plus Tutorials) and Practical (including Workshop Training, Seminar, Project, Industrial Training etc.), provided the scheduled periods shall mean a minimum of 10 N contact hours, where N is the prescribed contact hours per week for each course and shall exclude the announced holidays and duration of mid - semester examinations / house tests.
- (iv) Provided that no candidate shall be eligible to appear in higher semester examination unless he has already fulfilled attendance requirement in the immediately lower semester.

9. Attendance shall be counted upto seven days prior to the date of commencement of the University theory examinations.

10. The Principal of the College may condone shortage in attendance in each subject upto 10% of the total lectures delivered with proper recorded reasons (owing to serious illness, calamity, participation in any game / sports, etc.) .

11. A candidate shall be eligible for the award of a prize or a medal, if

- (a) he / she passes the B.Tech. / B.E. / B.Arch examinations in four years, and
- (b) has passed all the subjects in the first attempt available to him / her.

12. Each course is assigned a certain number of credits depending on its lecture, tutorial and laboratory contact hours in a week. One credit is assigned for :

- (a) must have earned all the credits as provided in the scheme of study of his/ her discipline.
 - (b) must have obtained a total of 50 percent marks at the end of eight/ ten semesters of study, as applicable.
 - (c) must have enrolled for NCC or NSS and should have attended the prescribed number of camps/ projects as prescribed by the University.
15. (a) A candidate detained from appearing in the examination of a course due to shortage of attendance will repeat the course of study only when that is offered as a regular course.
- (b) A student is allowed to register for a maximum of 36 credits for the courses of study including atleast 15 credits of regular semester. This excludes the credits for the courses in which the student is having reappear in the University examination only.
16. At the end of each semester the University will conduct semester examination. A student will be supplied detailed marks card (DMC) indicating the marks obtained in each course passed, credits earned and upto date credits earned.
17. (a) A student will not be allowed to register for the third semester and shall be required to repeat first year if he/she fails to earn a minimum of 24 credits out of the total credits offered in the approved scheme of courses for the first year.

OR

- To register for the 5th semester a student must pass all the subjects offered in the 1st semester and to register for the 6th semester he/she must pass all the subjects offered in the 2nd semester. The student is allowed to re-appear whenever an examination is held in subject(s).
- (b) A total of 6 years from the date of admission, shall be given to a candidate to pass all the courses and to fulfil all the requirements for the completion of degree of Bachelor of Technology and 7 years for the course of Bachelor of Architecture.
18. (a) In a theory paper, the question paper will be set by an examiner appointed by the Vice Chancellor from a panel of examiners, proposed by the Board of Studies of that discipline. A sample question paper of the concerned discipline will be supplied to the paper setter for guidance. The paper setter shall be a teacher from some other University or of the affiliated College/ Institute of the University preferably not teaching that course in that semester.
- (b) The answer books will be evaluated by table marking in the University or evaluation centres set up in affiliated colleges / institutes. For each subject, a panel of evaluators will be appointed. These panel of examiners will be constituted by the Board of Studies of the concerned discipline from amongst the teachers of affiliated Colleges of the University preferably teaching that course in that semester.
- (c) Practical examination in each practical subject will be conducted jointly by an internal and an external examiner. The internal examiner will be from the College, where examination is being conducted, while the external examiner may be from any of the affiliated Colleges of the University or from outside. The

- (a) One Lecture hour per week per semester.
 - (b) One/ two tutorial hours per week per semester.
 - (c) Every two hours per week, per semester for laboratory or workshop or drawing practice, design work.
 - (d) Each course (theory and practical) shall carry 100 C marks where C denotes the credits for that course.
 - (e) The course(s) in which a student obtain 40 percent or above marks separately in University Examination (theory & practical each) and internal assessment/ sessional, (theory and practicals each) will be considered towards credits earned by the students.
13. (a) In each theory course 60 percent weightage is given to University examination and 40 percent weightage is given to internal assessment/ sessionals. For each practical course 40 percent weightage is given to University Examination and 60 percent weightage is given to internal assessment/ sessionals.
- (b) To pass in a subject a candidate will be required to obtain a minimum of 40 %marks. However, to become eligible for the award of degree a student must obtain a minimum of 50 % of the total marks of all the courses prescribed for the 8 / 10 semesters, as applicable.
- (c) In case the student fails to obtain a total of 50% marks by the end of 8th / 10th semester, he/she will be given a chance to attain the required percentage of marks by reappearing in the end semester examinations in the subject(s) of his/ her choice at the time the subject(s) are being offered next.
- (d) The internal assessment/ sessional will be based on the continuous evaluation of the students, through class test, quizzes, seminars, home assignments and class work. A minimum of two class tests will be held during the semester.
- (e) The sessional marks will be submitted to the University within fifteen days after the close of classes for the semester.
- (f) The sessional marks submitted by different Institutions will be moderated by a Moderation Committee appointed by the Vice - Chancellor.
- (g) There shall be no reappear in the sessional / internal assesment of Theory and Practical subjects. The marks obtained by the students in sessionals / internal assesment of both Theory and Practical shall be added as such to the marks obtained in written Theory and External Practical examinations respectively.
- (h) The students will have to obtain a minimum of 40 % marks in written Theory and external Practical examination separately to pass the subject.
- (i) The external examiners for the Practical examinations shall be appointed by the University and the presence of an external examiner to conduct the Practical examination shall be required.

14. Degree Requirements

A student :-

lists of the examiners will be prepared by the Board of Studies of the concerned discipline.

In case an examiner for practical examination does not report at the scheduled date, the Principal of the College will make the alternative arrangement from within the College or from outside and intimation of the same will be sent to the University immediately.

19. (a) It will be the responsibility of the candidate to collect all information regarding examination schedule, roll number slip and result etc. from the College/ Institute office. Students will collect the University Roll Number slips atleast one day before the commencement of the examination.
- (b) The College/ Institute office shall display on the Notice Board, the schedule of examination/ date sheet etc. as soon as it is received from the University. The University will supply this information not less than fifteen days before the start of examination.
- (c) No candidate will be allowed to appear in the University examination without the Roll Number Slip.
20. The University will publish the final result and the division obtained by each candidate when the candidate has cleared all the papers / subjects of all the eight / ten semester examinations, as applicable.
21. (a) A student is deemed to have completed the requirements for graduation and is eligible for the award of degree if he/ she
 - (i) has satisfied all the academic regulations.
 - (ii) has taken all the required courses of study and earned all the credits.
 - (iii) has paid all the fees and other charges including fines, if any, due from him to the University and the College.
 - (iv) has no case of indiscipline pending against him/ her.
- (b) The University shall publish the final result indicating the marks obtained in aggregate marks for 8/10 semesters and the division obtained by each student on the following basis :-

| Division | Percent Marks |
|--|-------------------------------|
| (i) First with Distinction provided all examinations are passed in first chance with regular classes in the normal duration of 4 or 5 years as applicable without any reappear at any stage. | 75% or more |
| (ii) First | 60% or more but less than 75% |
| (iii) Second | 50% or more but less than 60% |
22. (a) The amount of examination fee to be paid by a candidate and the last date by which his examination form and fee must reach the Registrar, shall be notified by the University.
 - (i) Examination forms will be accepted with late fee of Rs. 1000/- upto 7 days before the commencement of examinations.

- (ii) Under very special circumstances, examination forms shall be accepted by the University upto two days before the commencement of examination on payment of late fee of Rs. 2000/-
- (iii) Examination form shall be accepted upto the evening previous to the date of examination on payment of late fee of Rs. 5000/- with the approval of the Vice - Chancellor.
- (b) The examination fee for one or more reappear/ repeat papers of any examination shall be the same as for the whole of semester examination. Separate admission forms for papers belonging to different semesters are to be filled by the candidate indicating paper(s) offered for each semester examination.
- (c) In case of reappear papers candidate shall be required to submit their Examination Forms within 15 days from the date of declaration of the result.
23. Notwithstanding any thing contained in these regulations, the Vice - Chancellor shall be competent to allow any relaxation subject to ratification by the Academic Council.

CHAPTER VII
RULES, REGULATIONS AND PROCEDURES RELATING TO
BACHELOR OF ENGINEERING COURSES AT
SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY,
LONGOWAL

1. The University will award the degrees of Bachelor of Engineering (B.E.) in disciplines approved by the University.
2. The duration of Bachelor of Engineering courses will be three years, divided into six semesters. The duration of each semester will be 18 - 20 weeks (90 teaching days), according to the following schedule in each year :

| | |
|--------------------|---|
| August to December | : Semester 1, 3, 5 |
| January to May | : Semester 2, 4, 6 |
| June to July | : Summer workshop/ Industrial Training / Tours etc. |
3. The admission to the B.E. courses will be based on merit in an entrance test conducted by SLIET provided the candidate is otherwise eligible for admission.
4. (a) The following categories of candidates shall be eligible for admission :
 - (i) Diploma holders of SLIET.
 - (ii) Diploma holders of all Institutions approved by AICTE / State Technical Boards.
 - (iii) B. Sc. with Physics, Chemistry and Maths. of a recognised Indian University.

(b) He / She should bear a good moral character.

(c) He / She must be in a good mental and physical health. Each candidate before admission will have to undergo a medical fitness examination and shall have to produce a medical fitness certificate as prescribed by the University.
5. A student admitted to B.E. programme must attend the classes regularly as per rules and shall pay such fees as decided by the Institute from time to time.
6. No change of discipline from one discipline of Engineering to any other discipline is allowed. However change from one specialisation to another in the same discipline is permitted in first semester.
7. Every candidate shall be examined in the subjects prescribed in the scheme of examination.
8. All the semester examinations shall be held twice a year at the end of each semester on such dates as may be fixed by the University.
9. In order to be eligible to appear in any semester examination a candidate must have had his examination admission form submitted to the University through the Director/ Dean/ Registrar of SLIET alongwith the certificates of :

- (i) Good moral character.
 - (ii) Having remained on the rolls of the Institute and having attended prescribed classes regularly, but not less than 75% of the periods assigned to that subject. This requirement shall be fulfilled separately for each course of study. However, the Director of the Institute may condone shortage in attendance upto 10% of the total lectures delivered in the subject with recorded reasons (such as illness, participation in extra curricular activities, etc.).
10. Attendance shall be counted upto seven days prior to the date of commencement of the University Theory Examinations.
 11. A candidate deficient in attendance shall have to repeat those courses in which he/she is deficient whenever those courses are offered by the Institute. A candidate shall be eligible to appear in other subjects of the semester.
 12. If a candidate after attending the course of study either does not appear in any subject or all subjects, he can appear for such courses at subsequent examination without attending a fresh course of study of that semester. Such candidates may in the meantime pursue courses of next higher semester and appear in the examination for the same alongwith the examination of lower semester subject to the following conditions :
 - (i) A candidate shall be allowed to study 5th semester only after passing all subjects in 1st semester. Similarly 6th semester studies shall be permitted only after passing all subjects of 2nd semester.
 - (ii) A candidate shall be allowed to study 3rd semester and onwards only after completing the attendance requirement of 1st and 2nd semester. Similarly 5th and 6th semester studies shall be permitted after fulfilling the attendance requirement of 3rd and 4th semester.
 13. There shall be no reappear in the sessional / internal assesment of Theory and Practical subjects. The marks obtained by the students in sessionals / internal assesment of both Theory and Practicals shall be added as such to the marks obtained in written Theory and External Practical examinations respectively.
 14. The students will have to obtain a minimum of 40 % marks in written Theory and external Practical examination separately to pass the subject.
 15. The external examiners for the Practical examinations shall be appointed by the University and the presence of an external examiner to conduct the Practical examination shall be required.
 16. The examination shall consist of :
 - (a) Written Papers as per the scheme of examination of a semester. The question paper shall be got set by a paper setter who is not on the faculty of SLIET, as per the recommendations of the BOS of that discipline of SLIET. The answer book shall be evaluated by the External Examiner/ Internal member of the faculty of SLIET. In case a question paper is not received by the University from external paper setter three weeks before the commencement of examination, the question paper may be got set by a faculty member of SLIET.
 - (b) Practical Examination: Viva in prescribed courses shall be conducted jointly by the University and SLIET. These examiners shall be appointed by the BOS of the University. The BOS of SLIET shall be consulted for the selection of the external examiner. The external examiner shall be appointed by the University on the scheduled date. Director, SLIET shall arrange for the accommodation of the external examiner. After the examination is over, the external examiner shall be reimbursed for his/her expenses.

over, a consolidated list of all External and Internal examiners subject wise shall be submitted to the University.

- (c) Sessional Award(s) shall be given by the teacher(s) conducting the course. The awards duly signed by concerned teacher(s) and countersigned by HODs will be forwarded to the University by the office of the Director soon after the end of semester.

17. The pass marks in a semester examination shall be as follows :

- (a) 40% in written paper.
(b) 40% in practical / viva examination.
(c) 50% in aggregate of sessionals and University examination marks for each subject.

A candidate, who fails to obtain the required marks in aggregate of sessionals and University examination marks as per 14(c), shall be required to appear in examination in that subject in subsequent semesters to make up the aggregate subject to clause 16.

18. In order to determine the division in which a candidate is to be placed the scaled marks shall be as follows :

| Semester | Total Marks | Scaled Marks |
|-----------------------|-------------|--------------|
| I & II | 1600 | 1280 (80%) |
| III & IV and Training | 1800 | 1800 (100%) |
| V & VI and Training | 1920 | 1920 (100%) |
| | | <hr/> 5000 |

The division placement shall be as under :-

1. Total aggregate marks 50 % or more but less than 60 % - Second
2. Total aggregate marks 60 % or more - First
3. Total aggregate marks 75 % or more but without any reappear - First with Honours

19. At the end of each semester examination, the University shall publish the result. The result of the candidates permitted to take examination for higher semester under clause 12 shall be declared provisionally, unless they clear all examinations of lower semesters.

20. The dates and schedule of examinations shall be notified by the University. A candidate shall be admitted to a semester examination on submission of the prescribed form duly filled in, through the Director / Dean / Registrar of SLIET and payment of examination fee as well as late fee, if any, as fixed by the University from time to time.

21. (a) It will be the responsibility of the candidates to collect all information regarding examination schedule, roll number slip, and result etc., from the office of the Institute. Students will collect the University Roll Number Slips at least 15 days before the commencement of the examinations.
(b) The notice office shall display, on the Notice Board, the schedule of examination / date sheet as received from the University. The candidates shall apply this roll number slip less than ten days of the start of the examination.
(c) No candidate will be allowed to appear in the University examination without the Roll Number Slip.

22. A candidate who fails to complete all prescribed requirements and passed all semester examinations within a period of five consecutive academic years of his/her admission to the course, shall be deemed to be unfit for the award of Bachelor's degree of the University.
22. In view of the specialised requirements of the admission to SLIET, migration from any other Institute / University is not allowed.
23. A student shall be eligible for the award of a prize or a medal, if
 - (a) he / she completes the degree in three years, and
 - (b) passes all the papers in the first attempt available to him / her.
24. Notwithstanding the integrated nature of the courses which spread over that one academic year, the Regulations in force at the time a student joins the course shall hold good only for the examination held during or at the end of that academic year and nothing in these Regulations shall be deemed to debar the University from amending the Regulations and the amended Regulations, if any, shall apply to all students, whether old or new from the date specified in the notification.

13. The external examiners for the Practical examinations shall be appointed by the University and the presence of an external examiner to conduct the Practical examination shall be required.
14. There shall be a comprehensive viva-voce of the candidates after each semester, which will be conducted by a committee consisting of the Head of the Institute, one external and one internal examiner nominated by the Head of the Institute.
15. Training report submitted by the candidate after completion of his/ her training in an industry shall be evaluated internally by one or more teachers nominated by the Head of the Institute. It shall carry 100% marks.
16. Each student shall submit the Project Report to the Head of the Department / Institution within 15 days of the last examination of the fourth semester.
17. The Project Report of the candidate shall be examined by an external examiner to be appointed by the University.
18. The medium of instruction shall be English.
19. A student who fails in the sessionals of a subject shall not be allowed to appear in the University Theory Examination in the same subject.
20. The minimum marks to pass the examination in each semester shall be :-
 - (i) 40% in each paper including viva-voce and seminar
 - (ii) 50% in the aggregate.
21. A candidate shall be eligible for the award of a prize or a medal, if
 - (a) he / she passes the MBA course in two years, and
 - (b) has passed all the subjects in the first attempt available to him / her.
22. The Internal assessment awards of a candidate who fails in the external examination shall be carried forward to the next examination.
23. In the detailed marks card the marks secured by the candidate in internal assessment and external examination will be shown separately.
24. The successful candidate shall be classified on the basis of aggregate in first, second, third and fourth semesters into following divisions :
 - (i) Those who obtain 70% or more of the total aggregate marks - First Division with Honours
 - (ii) Those who obtain 60% or more but less than 70 % of the total aggregate marks - First Division
 - (iii) Those who obtain 50% or more but less than 60% of the Total aggregate marks - Second Division
25. As soon possible after the completion of the examination, the University shall publish a list of successful candidates.
26. A candidate is required to pass in all the courses prescribed in a semester in Internal Assessment & University examination separately by securing minimum prescribed marks in a course & in the aggregate as prescribed in the regulations. However, if a candidate fails to secure required marks in a course or in the aggregate, he / she shall be allowed to reappear according to the following regulations :
 - (i) A candidate detained from appearing in end semester examination of a subject(s) due to shortage of attendance will be allowed to appear of study when the subject(s) are offered as a regular course in the next session / semester.
 - (ii) Those candidates who obtain less than 40 marks in University examination in any of the courses will be allowed to reappear. They may appear in the University examination

CHAPTER IX

ORDINANCES FOR MCA

1. The University shall undertake the instructions for Master's Degree in Computer Applications. The duration of the Course shall be three academic years. Each year shall be divided into two semesters. The duration of each semester will be 18 - 20 weeks (90 teaching days).
2. The admission to this course will be based on merit in an entrance test to be conducted by Punjab Technical University, provided the candidate is otherwise eligible for admission.
3. The eligibility for admission to MCA course shall be as follows :

All those candidates who have the minimum qualification of Bachelor's Degree recognized by Association of Indian Universities with a minimum of 50 % marks in the aggregate.
4. There shall be University examination at the end of each semester. The examination for the first, third and fifth semesters shall ordinarily be held in the month of December and for the second, fourth and sixth semesters in the month of May or on such dates as may be fixed by the University.
5. Every candidate shall be examined in the subjects according to the syllabi and course outlines prescribed from time to time.
6. Each paper shall be of 100 marks, out of which the candidate shall be examined for 60 marks on the basis of external paper setting & evaluation. Remaining 40 marks in each paper, excluding project report seminars and practicals, shall be assigned to internal assessment. It will be based on the performance of the students in house tests, take home assignments and class participation etc.. However, evaluation of the candidates in a Training Report, Project Report, Seminar and viva voce shall be out of 100 marks.
7. The first semester examination shall be open to a regular student who :
 - (i) has been on the rolls of the Institution during the first semester, and
 - (ii) has attended not less than 75% of the lectures, seminars and case discussions etc.
 - (iii) bears a good moral character.
8. The second, third, fourth, fifth and sixth semesters examinations shall be open to a regular student who :-
 - (i) has been on the rolls of the Institution during these semester, as the case may be
 - (ii) has attended not less than 75% of lectures, seminars and case discussions etc.
 - (iii) has passed the previous semester examination respectively or is covered under Re appear regulations.
9. Attendance shall be counted upto seven days prior to the date of commencement of the University examination.
10. The Head of the Institution may condone shortage in attendance in each subject to the extent of 10% of the total lectures delivered with recorded reasons.
11. There shall be no reappearance in a semester / internal assessment for Theory and Practical subjects. The marks obtained by the students in sessional / internal assessment in both Theory and external Practical examination shall be added as such to the marks obtained in written Theory and External Practical examinations respectively.

in the reappear course in the subsequent semester when the examination of this course is held.

- (iii) In case a candidate is able to pass the course but fails to attain the aggregate of 50% at the end of the course, he/she will be given a chance to attain the required aggregate by reappearing in the University examination in the subject/ subjects of his/ her choice at the time the subject/ subjects are being offered next.
- (iv) A candidate who has been placed in reappear because of University examination viva/voce shall be allowed to study for next semester examination & shall be permitted to appear in the failed papers of the previous examinations in the subsequent examination which shall be held along with the papers of the higher examination, subject to the conditions that for promotion in the third semester at least 50% courses of first & second semesters should be clear.
- (v) A total of three years (six semesters) from the date of admission shall be given to a candidate to pass all the courses, after which the candidature of the candidate shall be cancelled. A maximum of three chances (including the regular chance) shall be given in clearing a course of any semester.

12. The students will have to obtain the minimum marks required to pass the subject as per the regulations.
13. The external examiners for the Practical examinations may be appointed by the University and the presence of an external examiner to conduct the Practical examination shall be required.
14. There shall be a comprehensive viva-voce of the candidates after each semester, which will be conducted by a committee consisting of the Head of the Institute, one external and one internal examiner nominated by the Head of the Institute.
15. Training report submitted by the candidate after completion of his/ her training in an industry shall be evaluated internally by one or more teachers nominated by the Head of the Institute. It shall carry 100% marks.
16. Each student shall submit the Project Report to the Head of the Department / Institution within 15 days of the last examination of the sixth semester.
17. The Project Report of the candidate shall be examined by an external examiner to be appointed by the University.
18. The medium of instruction shall be English.
19. The minimum marks to pass the examination in each semester shall be :-
 - (a) 40% in each paper including viva-voce and seminar
 - (b) 50% in the aggregate.
20. A candidate shall be eligible for the award of a prize or a medal, if
 - (a) he / she passes the MCA course in three years, and
 - (b) has passed all the subjects in the first attempt available to him / her.
21. The Internal assessment awards of a candidate who fails in the external examination shall be carried forward to the next examination.
22. If a student fails in the sessionals of a subject he / she will not be allowed to appear in the University Theory Examination in the same subject.
23. In the detailed marks card the marks secured by the candidate in internal assessment and external examination will be shown separately.
24. The successful candidate shall be classified on the basis of aggregate in first, second, third, fourth, fifth and sixth semesters into following divisions :
 - (a) Those who obtain 70% or more of the total aggregate marks - First Division with Honours
 - (b) Those who obtain 60% or more but less than 70 % of the total aggregate marks - First Division
 - (c) Those who obtain 50% or more but less than 60% of the total aggregate marks - Second Division
25. As soon possible after the completion of the examination, the University shall publish a list of successful candidates.
26. A candidate is required to pass in all the courses prescribed in a semester in Internal Assessment & University examination separately by securing minimum prescribed marks in a course & in the aggregate as prescribed in the regulations. However, if a candidate fails to secure required marks in a course or in the aggregate, he/ she shall be allowed to reappear according to the following regulations :
 - (i) A candidate detained from appearing in end semester examination of a subject(s) due to shortage of attendance will retake the course of study when the subject(s) are offered as a regular course in the subsequent semester.

- (ii) Those candidates who obtain less than 40% marks in University examination in any of the course shall be placed under reappear. They may appear in the University examination in the reappear course in the subsequent semester when the examination of this course is held.
- (iii) In case a candidate is able to pass the course but fails to attain the aggregate of 50% at the end of the course, he/she will be given a chance to attain the required aggregate by reappearing in the University examination in the subject/ subjects of his/ her choice at the time the subject/ subjects are being offered next.
- (iv) A candidate who has been placed in reappear because of University examination / viva/voce shall be allowed to study for next semester examination & shall be permitted to appear in the failed papers of the previous examinations in the subsequent examinations which shall be held along with the papers of the higher examination, subject to the conditions that for promotion in the third semester at least 50% courses of first & second semester should be clear.
- (v) A total of four and a half years (9 semesters) from the date of admission shall be given to a candidate to pass all the courses, after which the candidature of the candidate shall be cancelled. A maximum of three chances (including the regular chance) shall be given for clearing a course of any semester.

3.2 A teacher working in the University Department or a College affiliated to the University or an Engineer/Scientist working in a Department/ Industry / Laboratory within the territorial jurisdiction of the University may be allowed to join the M.Tech. Programme on having obtained atleast 50% marks in Bachelor of Technology and at least two years teaching/professional experience. He / she shall register himself / herself for the first semester examination before beginning to attend the lectures and sessional work etc. He / she shall, however, not be allowed to register for more than three subjects in any semester subject to a maximum of five subjects during one academic year.

4.1 A student who possesses the qualifications laid down in regulation 3, has remained on the rolls of the University or of a College affiliated to the University of Master of Technology Programme in the branch of Engineering selected by him / her for the academic term of the semester concerned, and produces the following certificates signed by the Head of the Department or by the Principal of the College, as the case may be, shall be eligible to appear in the examination of that semester :

- (i) of good moral character.
- (ii) of having attended, of each course, not less than 75% of the lectures and 75 % of the total sessional-work, in tutorials, design, laboratory work, and seminars and of having acquainted himself / herself creditably in all the exercises or periodical examinations conducted in the University Department or the Colleges, as the case may be, from time to time.

4.2 A deficiency in the required number of lecturers and practicals may be condoned up to 10% by the Head of the University Department/ Principal of the College, as the case may be.

4.3 In case the attendance of a regular student falls below 75% in any course during a month, he/she will not be paid Assistantship for that month. Further, if his/her attendance again falls short of 75% in any course in any subsequent month in that semester, his/her studentship and assistantship will be terminated.

5. The amount of admission fee to be paid by a candidate shall be

- (i) Rs. 500/- for each semester, and
- (ii) Rs. 500/- for the thesis.

6.1 Every candidate shall be required to satisfy the following requirements :

- (a) He/She will have to pass in all the ten theory papers and sessional part of it.
- (b) He/She will have to clear the seminar, and
- (c) A Thesis to be submitted to the University.

Further that:

- All subjects will be of equal weightage.
- For the evaluation of each subject, there will be 50 marks per internal assessment and 100 marks for the end semester University Examination. In addition to the ten papers, there will be a seminar with weightage of 100 marks; out of these 50 will be assigned to the continuous evaluation and 50 to the end semester examination. The end semester examination will be conducted by two experts appointed by the Head of the Department from amongst the Teachers of the Department.
- There will be no weightage of marks for the Thesis. Its evaluation will be in the form of thesis accepted with Distinction, Accepted, or Rejected.

6.2 A candidate will have the option for the award of Post - Graduate Diploma after completion of ten papers and seminar. Provided further that such a candidate can seek readmission within a maximum period of five years from the date of PG Diploma, to pursue thesis work for the award of M.Tech. degree.

6.3 English shall be the medium of instruction.

7.1 The candidate shall pursue his/her thesis under the supervision of the teacher in charge of the University Department/ College. It, however, the Head of the Department/ Principal of the College that facilitates the preparing the thesis under the guidance recognised by Punjab Council of Technical Education (PCTE), and shall allow a candidate to prepare his / her thesis there, and the award of the degree shall be awarded by the Department of M.Tech. Degree Programme, the University.

CHAPTER X

REGULATIONS FOR MASTER OF TECHNOLOGY

- 1.1 The duration of the programme for the Degrees of Master of Technology (M.Tech.) for regular candidates shall be three semesters (18 months). The maximum period in which such a candidate must qualify in the course work shall be two academic years, failing which he/she shall not be allowed to continue his / her studies for the programme.
Provided that the time limit for the thesis shall be as given in Regulation 7.3 (a).

- 1.2 The duration for the Part-time course for the Master of Technology Programme in case of a candidate working as a teacher in the University Department or a College affiliated to the University in the Faculty of Engineering & Technology or an Engineer working in the Department/ Industry/ Laboratory within the jurisdiction of the University, shall be a minimum of two academic years. The maximum period in which such a candidate must complete course work shall be four academic years, failing which he / she shall not be allowed to continue his / her studies for the programme.

For completing the Thesis, time limit shall be as given in Regulation 7.3(b).

- 2.1 The examination for the degree of Master of Technology shall be held twice in an academic year at the end of each semester. The examination for each semester shall be held in November/ December and April / May on dates fixed by the University.

- 2.2 The last dates for receipt of examination admission forms and examination fees without and with late fees of Rs. 500/- and Rs. 1000/- respectively shall be fixed by the University.

- 3.1 A person holding the following qualifications shall be eligible for admission to the programme for the degree of M. Tech. :

- (a) Bachelor of Technology or equivalent degree with at least 50% marks in the aggregate in the appropriate branch prescribed for admission to M.Tech. Programme from the Punjab Technical University on the basis of merit in GATE examination.

or

- (b) Bachelor of Technology or other equivalent degrees from another University in the branch selected for the Master of Technology Programme, recognised by the University for purpose of admission to this Programme with at least 50% marks on the basis of GATE score.

or

- (c) A candidate who has passed A and B sections of Institution of Engineers (India) Calcutta examination or I.E.T.E Graduate examination conducted by the Institution of Electronics & Telecommunication Engineers, New Delhi with atleast 50% marks after having passed the Diploma examination and has at least 5 years professional experience with a valid GATE score may be admitted to M. Tech. programme of the University.

or

- (d) Admission against the unutilised seats of M.Tech. Programme shall also be made on the basis of merit in the Entrance Test conducted by the University Department / College affiliated to Punjab Technical University, Jalandhar.

CHAPTER XI

ORDINANCES & REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

ELIGIBILITY

A candidate seeking admission to a Ph.D. programme of the Punjab Technical University, Jalandhar should possess one of the following qualifications :

A Masters Degree in an allied discipline of Engineering/ Technology or Sciences from a recognized University with a minimum of 60% marks where marks are awarded or with a minimum cumulative grade point average (CGPA) of 6.75 on a 10 point scale or equivalent as determined by University wherever letter grades are awarded.

REGISTRATION

A candidate wishing to enroll for the Ph.D. Degree shall fill up the prescribed application form and submit the same along with a fee to the Head of the Institution for onward submission to Registrar, Punjab Technical University, Jalandhar. The candidate shall also submit along with his application (or within 6 months), the synopsis of his research proposal on a prescribed proforma indicating :-

1. Area of Research
2. The title of Research proposal
3. Objectives
4. Technical Programme
5. Workdone on the topic / related aspects in India and abroad.
6. References.

The candidate will be provisionally registered on the date of the receipt of his application in the University.

The application and synopsis shall be scrutinized by a Research Degree Committee (RDC) which shall be constituted by the University for the relevant disciplines of Engineering / Technology / Science and Management and Computer Application subjects separately.

The RDC shall consist of :

1. Concerned Director of the University (Chairman)
2. Normally two Professors from P.T.U./ affiliated Colleges from the discipline of proposed research topic to be nominated by the Vice - Chancellor.
3. An outside expert in the field to be nominated by the Vice - Chancellor.
4. Supervisor of the candidate.

The above Committee will scrutinize the application and synopsis of the candidate in regard to suitability of the research topic & capability of the student to carry out the research. The candidate will present the proposed work under synopsis before the RDC. On the recommendation of the RDC the Vice - Chancellor will allow the applicant to register for the Ph.D. Degree or postpone it for a period of 6 months. In the latter case six months shall be counted from the date of his/ her application.

The candidate may have to resubmit his synopsis in the light of modifications as suggested by R.D.C.

Continuation of the registration of a student in the Ph.D. programme will depend on his/ her satisfactory progress and conduct. The University reserves the right to cancel the registration of any candidate in the event of his / her conduct and progress being found otherwise.

Candidate will renew his / her registration every year on application (through his / her advisor and Head of Institute/ Colleges to the Registrar along with the prescribed fee.

spend for completing his / her thesis, a minimum period of four weeks, under the direct supervision of his / her teacher. In such a case, the candidate will be allowed to have supervisor from the concerned Institution.

In case the thesis supervisor leaves the College / University Department, and joins some other Institution affiliated to Punjab Technical University, or some R & D Organisation within the State of Punjab, he / she may continue to guide the thesis work of the candidates registered with him / her.

The thesis shall present an orderly and critical exposition of the existing knowledge of the subject or shall embody results of original investigation and shall demonstrate the capability of the candidate to do independent research work. While writing the thesis, the candidate shall lay out clearly the work done by him / her independently and the sources from which he / she has obtained other information contained in his / her thesis.

The thesis shall be submitted by the candidate at any time during the third semester of the course provided that he / she has appeared in all the theory papers up to the third semester examination. The result of the thesis shall be declared after the candidate passes in all the theory papers. In case the candidate's thesis is rejected, or he / she is unable to complete the thesis in the third semester he / she will be allowed one year more time at the maximum for submission of thesis or its revision.

Provided further that the extension beyond the above limit but not exceeding six months may be allowed by the Vice - Chancellor on the recommendation of the Principal / Head of the University Department, as the case may be.

- (b) The thesis shall be submitted by a part-time candidate at any time during the fifth semester of the course provided that he / she has appeared in all the theory papers upto the fourth semester examination. The result of the thesis shall be declared after the candidate passes in all the ten theory papers and the seminar. In case thesis is rejected or he / she is unable to complete the thesis in the sixth semester he / she will be allowed to submit the thesis within five years from the date of admission.

Provide further that the extension beyond the above limit but not exceeding one year may be allowed by the Vice - Chancellor on the recommendation of the Principal / Head of the University Department, as the case may be.

Panel of examiners for viva - voce examination of the thesis :-

Internal Examiner - Supervisor

External Examiner - To be appointed by the Vice - Chancellor from a panel of three examiners submitted by the supervisor through the Principal / Head of the University Department to the university.

The thesis examination will be conducted in open public defence.

Successful candidates shall be classified as under :-

- (a) Those who obtain 75 % or more of the aggregate marks of all the theory papers and the sessionals and also if the thesis has been adjudged to merit distinction. Provided that the candidate has cleared the examination in each subject at the first attempt (i.e. the first time when a candidate actually takes the University examination in the concerned subject)
- First Division with Distinction
- (b) Those who obtain 60 % or more of the aggregate marks of all the theory papers and sessionals, but are not entitled to be classified as having been placed in First division with Distinction
- First Division
- (c) Those who obtain less than 60 % of the aggregate marks of all the theory papers and the sessionals but not less than 40 % in each theory paper and 40 % in the sessional part of each paper
- Pass

Note :- Regulations of Punjab Technical University, Jalandhar are subject to periodic review and change from time to time.

of the thesis by the candidate, the supervisor will submit a list of 6 experts (one from abroad) working precisely in the field of research of the candidate. The committee shall approve two experts submitted through RDC out of which one will be

completed as certified by the student and his / her supervisor(s), the candidate will submit to the University three copies of the thesis. The thesis will include a certificate in which is signed by the candidate and his supervisor(s), that the work submitted in the thesis is a contribution by the student and that it has not been submitted earlier for any degree. The thesis of thesis would be submitted to the external examiners, who would be required to submit independent reports within three months. The report would specify, if the work submitted is of sufficient merit for the award of Doctoral degree. In that case they would recommend the award of degree of Doctor of Philosophy. The reports of the examiners will be submitted to the Committee. If the Committee is satisfied that the reports of the examiners are unanimous and recommend that the Viva-voce examination of the candidate be arranged. The candidate will be required to undergo a viva-voce examination to be conducted by two examiners, one of which one shall ordinarily be the supervisor while the other one will be one of the external examiners. The viva voce test will be open to all interested in the subject, where the candidate is required to present the main findings of his / her thesis and defend the same. The candidate will be asked to answer all such questions which the external examiners might ask during the reports.

If the viva-voce the Committee may recommend that the result of the candidate be based on the reports. If the reports show a divergence of opinion between the examiners, the committee may recommend that the reports be exchanged between them, and the examiners will be requested to submit reports, if possible. If there be divergence of opinion even after the exchange of reports, a third examiner shall be appointed from the panel of examiners already provided, whose report will be final.

If the examiners recommend the revision of the thesis either originally or after the viva-voce, the thesis shall be revised and resubmitted. The revised thesis will be sent to the examiners for evaluation. In case two examiners reject a thesis; originally or after the viva-voce, the thesis will be rejected. The report of the Viva-voce examinations will be submitted to the RDC which may recommend the declaration of the result.

A written copy of each accepted thesis shall be placed in the University Library for reference / inspection. A summary of not more than 1,000 words shall also be submitted by the candidate, to be published as the University may deem fit.

3. SUPERVISOR (S)

- 3.1 The research work of each scholar will be normally supervised by one or two approved research guides who agree to guide the student on the topic specified in the synopsis.

A teacher shall be approved by RDC as a research guide on his application on a prescribed proforma.

Normally one of the supervisors will be from the department of the University or an affiliated College of the University where the candidate proposes to pursue his / her research work. The research guides will be appointed by the RDC, keeping in mind the candidate's choice.

- 3.2 In the case of more than two supervisors, the teacher belonging to the department where the candidate is registered will be the guide & other supervisors will be co-guide.

- 3.3 To guide Ph.D. research, a supervisor is expected to have a Ph.D. degree himself / herself. Without a doctorate degree in the subject, the supervisor should have conducted independent research. This relaxation will be given by the Vice Chancellor on recommendation of the RDC.

- 3.4 A faculty member at the level of Professor can supervise 4 Ph.D. students, Assistant Professor and a Lecturer 2 at a time.

- 3.5 Ordinarily, no change of supervisor shall be allowed. But in special cases where the RDC is satisfied that the research work of the candidate will suffer on account of migration of the supervisor to another institution or on account of the retirement of the latter when he / she is unwilling to continue to guide the candidate or in any other circumstance necessitating a change the RDC will recommend a change of supervisor to the Vice - Chancellor who may allow change of the supervisor on such recommendations.

Provided that the RDC in its discretion may decide whether change of supervisor will require fresh registration of candidate or not.

4. SUBMISSION OF THESIS

- 4.1 The residential requirement at Punjab Technical University, Jalandhar or the Department of Institutes affiliated with Punjab Technical University, Jalandhar for Ph.D. is a minimum of one year. This period can be altered on the recommendations of the guide and will be subject to the approval by the Vice - Chancellor.

- 4.2 A candidate shall be allowed to submit his / her thesis after a period of two years from the date of registration.

- 4.3 Maximum period allowed for full time Ph.D. student for thesis submission shall be 4 years from the date of registration while for part-time student this period shall be 5 years. The Vice - Chancellor may on the recommendation of R.D.C., may extend the maximum period by one more year.

- 4.4 Application for extension of the period for submission of thesis may be considered by the RDC on the recommendation of the Supervisor who shall indicate the period for such extension, keeping in view the progress already made by the candidate in his / her work.

- 4.5 A temporary discontinuance may be permitted on account of illness and this period will not be counted towards residential and other requirements for the submission of the thesis.

- 4.6 A candidate may be permitted to modify the title of his thesis with the permission of the Vice Chancellor on the recommendation of the supervisor, Head of the Department and the Dean of faculty concerned not later than six months before the submission of thesis.

- 4.7 At least two months prior to final submission the candidate shall present his research findings and the recent work in that area before a committee approved by the Vice Chancellor. Permission to submit the thesis shall be given by the Vice Chancellor on recommendations of the Committee.

Chancellor

PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Synopsis for the proposed research work for the Ph.D. degree
 (to be submitted within six months from the date of submission of application for registration)

Name of the candidate

Name of the Guide

(i) Specialization

(ii) If approved by PTU to guide doctoral research

Name of the Co-Guide

(i) Specialization

(ii) If approved by PTU to guide doctoral research

Research work for the Ph.D. Degree**Area of Research**

.....

Title of Thesis

.....

Introduction

PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Application form for approval as a Supervisor for Doctoral Research (Ph.D. Degree type)

Name

Address

Discipline

Specialization

| Degree | Year | Subject | University |
|-------------------------------------|------|---------|------------|
| M.E./ M. Tech./M.Sc./ or equivalent | | | |

Major Publications :

- (a) Total number
 (b) Details of particulars (Please attach a separate list, with following information)

| S. No. | Authors | Title | Year | Journal, Volume and No. |
|--------|---------|-------|------|-------------------------|
| | | | | |

Teaching Experience :

| | Year | Subject | Department |
|---------------|------|---------|------------|
| Undergraduate | | | |
| Post-graduate | | | |

Signature

Date :

To be forwarded by the Head of the Institute/ College

Signature of the Head of the Institute/ College

For office use

Recommended as the Research guide of Punjab Technical University to guide doctoral research (Ph.D.) in the area of

RDC

Chairman
 Member
 Member
 Member
 Member

1965

Department of Education
Office of the Secretary

Collaboration with other Universities/Institutes

Work done in India or Abroad

Technical programme/ conduct of Research / Major Equipment/
work facilities Needed.

Collaboration with other Universities/ Institutes

References :-

Signature of the Candidate
Date.....

Supervisor(s)

Guide

(i) Name
(ii) Designation

.....
Signature

Co-Guide

(i) Name
(ii) Designation

.....
Signature

PUNJAB TECHNICAL UNIVERSITY, JALANDHAR **Form for registration to the Degree of Doctor of Philosophy (Ph.D.)**

1. Name In Block Letters)
2. Date of Birth
3. Father's Name
4. Date of Application
5. Present Official Address
6. Present Home Address
7. Institution in which employed
8. Post held
- 8(a). Department of the University/ approved centre, where research work will be carried out
- 8(b) Collaboration with another Institution (s)

9. Record of M. Tech. / M.E./ M.Sc. or equivalent Degree

| University | Degree | Year of Passing | Percentage of Marks, CGPA or Overall Grade | Any other Information |
|------------|--------|-----------------|--|-----------------------|
| | | | | |
| | | | | |

Area of Proposed Research

Topic

Supervisor

Co-supervisor

Project Title

CHAPTER XII

REGULATIONS FOR UPGRADATION OF BRANCHES AND CATEGORY OF SEATS

The following procedure shall be followed for the upgradation of branches and change from payment seat to free seat within the Colleges / Institutes :

1. The upgradation shall be carried out within 15 days of the start of the 3rd semester.
2. The upgradation shall be carried out on the basis of the results of 1st and 2nd semesters.
3. Only those students can take part in the upgradation process who have passed all the subjects of 1st and 2nd semesters.
4. The date and time of upgradation shall be notified and displayed on the College Notice Boards.
5. The merit list of all the students in the College shall be prepared based upon the results of 1st and 2nd Semesters and it shall be displayed on the notice boards of the College well before the date of upgradation.
6. The availability of seats in the various branches alongwith the availability of free and payment seats shall be notified and displayed on the notice boards of the College.
7. The choice of the students shall be called for change of branch and for change of payment seat to free seats and vice versa at least two days before the date of upgradation.
8. On the date of upgradation the students shall be called in order of merit and upgraded branch and category of free / payment seat shall be allotted.
9. If a student is not present on the date and time of upgradation then he / she will loose his / her chance for upgradation and no representation shall be entertained later on.
10. After the above process has been completed it shall be approved by the Principal/Director of the College and notified on the notice boards of the College.
11. A copy of this upgradation shall be sent to the University for information and record.

Note : Shifting of branch / category within the College as per merit under PTU rules shall have precedence over inter-University or intra-University migration.

If 2nd semester result is not declared then 2nd

- (iv) Specialization
- 9(b) Co-Guide (Supervisor)
- (i) Name
- (ii) Address
- (iii) Qualifications
- (iv) Specialization
10. Whether in receipt of any Fellowship/ Scholarship
11. Whether the research is to be done as full time/ part time.....

I shall abide by the Ordinances and Regulations for the Degree of Doctor of Philosophy of Punjab Technical University, Jalandhar, which I have studied carefully.

Signature of Head of Institute
(where working)
Dated.....

Signature of Candidate
Dated.....

Recommendations of the Supervisor(s)

I/ We agree to guide Shri/ Shrimatiin his/her area of research mentioned above.

A. Guide

1. Name
2. Designation
3. Address
4. Telephone No.

.....
Signature

B. Co-Guide

1. Name
2. Designation
3. Address
4. Telephone No.

.....
Signature

CHAPTER XIII

REGULATIONS REGARDING RE-EVALUATION OF ANSWER BOOKS

A candidate who wishes to seek re-evaluation of his/her answer book(s) may apply for re-evaluation to the PTU, Jalandhar on the prescribed application form accompanied by a fee of Rs. (300/-) per answer book for Bachelor/ Post-Graduate level courses alongwith the detailed marks card/ certificate, in original, if issued till the date of applying for re-evaluation.

1. Re-evaluation is permissible in all theory papers.
2. An application for re-evaluation on the prescribed form alongwith requisite fee must reach the University office under registered cover within 21 days from the date of declaration of the result of the particular examination (for this purpose the date printed in the result gazette/ notification shall be taken as the date of declaration). If the University has issued his D.M.C. within this period, it will have to be returned alongwith the Re-evaluation form.
3. Non-availability of form shall not be entertained as a plea for its late submission in any case.
4. No refund of fee shall be admissible. However, in such cases where an application is rejected on account of being time-barred or being inadmissible, 75% of the amount paid will be refunded without asking the candidate to apply for refund of fee.
5. A candidate whose result is declared late may also seek re-evaluation within 21 days from the date of declaration of his/her result.
6. Ignorance of the titles of any paper or option shall not be accepted as a plea for wrong entry in the application.
7. A candidate will be permitted to see his/ her answer-book(s) for identification only on payment of an additional fee of Rs. 50/- per answer book during working hours on a written request made within 30 days from the date of declaration of result of re-evaluation.
8. The re-evaluation will be done under the regulations framed by Punjab Technical University from time to time, and the result of re-evaluation will be communicated to the candidate soon after it is declared. The candidate is required to plan his future programme in accordance with his original result already communicated by the University office till it is actually superseded by the result of re-evaluation.
9. The re-evaluation will be done by a second independent examiner. The final result after re-evaluation shall be the average of the two scores (if the difference between the two is upto 15%). If the difference between first two scores is more than 15%, then the third evaluation will be got done from another independent examiner and average of the two highest scores out of the three shall constitute the Final Result.
10. Subject to provision under Regulation - 9, the average score on re-evaluation shall supersede the original score.
11. No further re-assessment shall be allowed after the award(s) by Re-evaluators has / have been received.
12. If as a result of re-evaluation, candidate passes the Examination, and he/she becomes eligible to seek admission to the next higher class within ten working days of the communication of re-evaluation result to him/her, the full attendance in the higher class shall be counted from the date of his/her admission.

All entries in the application form must be complete and correct in all respects. The candidate will not be responsible for the delay/ rejection of the case, if the form is not complete in all respects or not accompanied by the fee. No change in the entries once made by the candidate shall be allowed after the receipt of application by the University Office. However, a candidate

shall be allowed to apply for deletion/ addition of one or more subject(s)/ paper(s) for which application for re-evaluation has been received before the due date along with requisite fee (for addition of subject(s)/ paper(s)). No refund of such fee shall be admissible.

If a candidate requests for return of the detailed marks card/ certificate sent by him / her along with the Re-evaluation form to apply for admission elsewhere, the detailed marks cards certificate shall be returned to the candidate after getting an undertaking that his/ her result for re-evaluation shall be declared only when he/she returns the original detailed marks card/ certificate.

The withdrawal of request for re-evaluation shall be allowed within 15 days of the last date for receipt of application provided that the process of re-evaluation has not been set in motion, i.e. the scripts have not been coded/ assigned fictitious Roll Nos. for re-evaluation.

14. The result of re-evaluation whether favourable or unfavourable, shall be binding on the candidate who applies for re-evaluation.
15. A candidate whose answer-book is not available for re-evaluation due to any reason, may be allowed by the Vice Chancellor either :
 - (i) to re-appear in the same paper at the next examination without payment of examination fee and in that event his / her result shall be determined on the basis of the marks secured by the candidate in the paper in which he / she reappears :
 - or
 - (ii) to have his fee refunded in full.
16. For clarification of any doubt or for interpretation of regulations, the decision of the Vice - Chancellor shall be final.

CHAPTER XV

REGULATIONS REGARDING CONFERMENT OF HONORIS CAUSA DEGREES

Proposals for the conferment of Honoris Causa Degrees to persons of eminence shall be made by the Academic Council to the Board of Governors. The recommendations of the Board shall be sent by the Vice Chancellor to the Chancellor for confirmation. In exceptional cases, the Vice Chancellor may submit such proposals on behalf of the Board direct to the Chancellor for approval.

CHAPTER XIV

REGULATIONS REGARDING MIGRATION

1. Migration to a College / Institute from other Colleges / Institutes within the University will be allowed only after the completion of the 1st year and within 15 days of the start of 3rd semester, provided :-
 - (i) the candidate has qualified the entrance examination and his/ her merit is higher than the last student admitted in that discipline, in general category. However, where admission has been made on the basis of the merit of the qualifying examination, his / her merit in the qualifying examination shall be higher than the last student admitted in that course, in general category.
 - (ii) (a) For those courses where the first semester courses are same, the migration shall be allowed on the basis of the merit of the result of first semester.
 - (b) For engineering Courses having different subjects in the first and second semesters, the migration shall be allowed on the basis of the combined merit of first and second semesters.

Note 1: Preference shall be given to that candidate who was admitted on the basis of entrance examination.

- (iii) He / She has passed all the courses of first year.
- (iv) The Institute where the student is studying and Institute to which migration is sought, has no objection to the migration.
- (v) There is a vacant seat available in the discipline in which migration is sought.
- (vi) In addition to the above, migration will be governed by the rules of concerned College / Institute.

2. Migration to an affiliated College / Institute of the University from other Universities will be allowed only after the completion of the first year and within 15 days of the start of 3rd semester, provided :

- (i) The candidate has passed all the courses of first year from the University from where he/she wants to migrate with a minimum of 60% marks or its equivalent CGPA.
- (ii) The courses studied by the candidate in first year are equivalent to the same as offered in this University and deficiency is found in not more than two courses, and the candidate furnishes an undertaking to attend the classes and pass these additional courses in which he/she is found deficient.
- (iii) The Institute and the University where the student is studying and the Institute and University to which migration is sought, has no objection to the migration.
- (iv) There is a vacant seat available in the discipline in which migration is sought.
- (v) In addition to the above, migration will be governed by the rules of concerned College / Institute.

3. The candidates shall not be allowed to change his/her discipline of study in the process of Inter-University or Intra-University migration.

Note. 2 : Shifting of branch / category within the College / Institute or from one University to another University shall have precedence over Inter-University or Intra-University migration.

CHAPTER XVI

PREVENTION, PUNISHMENT AND PROCEDURE CONCERNING CASES OF MISCONDUCT AND USE OF UNFAIR MEANS IN OR IN RELATION TO EXAMINATION

PART I. General

These Ordinances may be called "Ordinances relating to Prevention, Punishment and Procedure concerning Cases of Misconduct and Use of Unfair Means in or in relation to Examinations" and be abbreviated as "Regulations relating to Unfair Means Cases".

In these Regulations, unless there is anything repugnant in the subject or context,

- (i) "Candidate" shall mean an intending examinee, an examinee taking any examination in a particular year and wherever the context so permits, every student on the rolls of a University teaching department or a College affiliated to the University;
- (ii) "Committee" shall mean the Standing Committee appointed under Regulations 3.1 infra to deal with the cases of alleged use of unfair means and misconduct in or in relation to the University Examination;
- (iii) "Disqualification" shall mean disqualification from appearing in any examination of the University and will be treated as failure in the examination and all consequences of failure will follow;
- (iv) "Examination" shall mean an examination conducted by or at the instance of the Punjab Technical University and shall include an examination so conducted though subsequently cancelled;
- (v) "Board of Governors", "Vice Chancellor" and "Registrar" shall mean respectively the Board of Governors, the Vice Chancellor and the Registrar of Punjab Technical University;
- (vi) "University" shall mean the Punjab Technical University at Jalandhar; and
- (vii) "Year of disqualification" shall be taken to extend from commencement of the examination in which the candidate is detected to have terminated one day before commencement of the next May or June Semester examination as the case may be.

3.1 The Board of Governors shall annually appoint a Standing Committee consisting of four persons, one of whom shall be Registrar of the University or his nominee not below the rank of a Deputy Registrar to deal with the cases of alleged use of unfair means and / or misconduct in relation to an examination. Two members shall form the quorum.

3.2 The Registrar, or an officer authorized by him in this behalf, shall call upon the candidate alleged to have employed unfair means in the examination or obtaining admission to an examination on a false representation, to appear before the Standing Committee to represent his case personally at his own expense on the date fixed for his appearance before the said Committee. If in spite of service of notice, the candidate fails to do so, he / she will be proceeded against ex-parte.

3.3 Where a candidate wishes to produce any evidence and/ or witness before the Committee, he / she may be allowed to do so by the Committee at his / her own expense. The Committee may also, on its own motion and for arriving at a just conclusion based on the principles of natural justice, direct the members of the supervisory staff of any other person to appear before it.

3.4 When the Committee, after having heard the candidate when present and after having heard such evidence as he / she may produce and after going through the record is unanimous in its decision, that decision shall be final except as provided in Regulations 20 infra. If the Committee is not unanimous in its decision, the record of the case shall be referred to the Vice Chancellor who may either decide the case himself / herself or refer it to the Board of Governors for decision.

4. All candidates must leave all papers, notes, books and hand bags etc. outside the examination hall. A place or a receptacle will be provided outside the examination hall for the purpose and the same shall be locked wherever possible, and the key will be kept by the Superintendent.

5. Every day, before the examination begins, the Superintendent or the Deputy Superintendent, as the case may be, shall call upon the candidates to search their persons/ pockets, etc. and part with and deliver to him / her all papers, books and / or notes which may be having in their possession. Where a late comer is admitted, this warning shall be given to him / her before he / she is permitted to take the examination. The Superintendent or the Deputy Superintendent as the case may be and both, when there is a Superintendent as well as a Deputy Superintendent-in-charge of the examination, shall forward to the Registrar every day a declaration certifying compliance with this provision.

6. The Superintendent shall report to the Registrar without delay and on the day of occurrence, if possible, each case where the use of unfair means in the examination is detected, giving details of the evidence and explanation of the candidate concerned on Form _____

Provided that in case of non-availability of Form _____, they may be reported on Photostat copy or Form _____ or on a plain paper.

Provided further that in exceptional circumstances the case can also be reported by the members of the flying Squad or the Special Observer or the Local Controller of the Examination or Centre Superintendent directly on a plain paper.

Non-reporting of an unfair means case shall be deemed as dereliction of duty making the defaulting member of the supervisory staff liable for being debarred from all remunerative work of the University and further, dereliction takes place.

- 7.1 Soon after the detection, the Superintendent shall require the candidate to make a statement explaining his / her conduct. In case the candidate refuses to do so, the fact of his / her refusal shall be recorded by the Superintendent, which should be attested by one member of the supervisory staff or a Clerk on duty, present at the time of refusal.

- 7.2 While reporting a case of use of unfair means in the University Examinations detected by or in the presence of the member of flying squad/ observer on University duty, both the member of flying squad/ observer and the Centre Superintendent shall be required to sign the incriminating papers recovered from the possession of the candidate and those papers should also be got signed by the candidate. If the candidate or the Centre Superintendent refuses to do so, this should be reported to the University in writing.

8. The answer-book in which the use of unfair means is alleged shall be seized by the Superintendent, and the candidate concerned shall be permitted to answer the remaining part of the question paper on a separate answer book. The Superintendent shall forward both the answer books, along with his / her report in Form _____, to the Registrar. The candidate shall not forfeit his / her right to appear in the rest of the examination in subsequent papers.

9. If during a University examination, a candidate is found having in his / her possession or accessible to him / her papers, books, notes or other material, which do not relate to the subject of the examination of the day and which could not possibly be of any assistance to him / her, no action shall be taken against him / her. The Superintendent shall nevertheless promptly report the case to the Registrar and all the papers shall be sent along with the report.

Note : The Registrar need not report such a case to the Committee, unless he disagrees with the report of the Centre Superintendent.

PART - II - Offences and Punishment

10. The use of unfair means in or in relation to the examination shall include the following facts or omissions on the part of the candidate, viz:

- (a) Being in possession in the examination hall, of papers, books, notes or writing on any part of the candidate's clothes or any writing on his/ her body or table or desk or on a foot rule and/ or instruments like set squares, protractors, slide rules or any other material with notes or hints written thereon or any such material accessible to him / her which may be, or intended to be of possible help to the candidate in the examination.

- (b) Talking to another candidate or any person inside or outside the examination hall without the permission of the supervisory staff.
- (c) Presenting to the examiner a practical or class work note book prepared by himself.
- (d) Leaving the examination hall or taking away the answer book or any part thereof or taking away the same or tearing it or the answer book or tearing the answer book of other candidate or otherwise disposing it.
- (e) Refusing to obey the legitimate orders of the Superintendent and / or any other member of the Supervisory Staff.
- (f) Changing the seat without the permission of the supervisory staff or occupying the seat not allotted to him / her.

- (g) Coming to the examination hall under the influence of alcoholic drink or drugs.
- (h) (i) Copying or attempting to copy from the objectionable material found in his / her possession ; Or
 - (ii) copying or attempting to copy from another candidate ; or
 - (iii) assisting another candidate to copy from the objectionable material in his / her possession or from his / her answer-book.
- (i) Receiving help or attempting to receive help for answering the question paper from any source in any manner, inside or outside the examination hall.
- (j) Swallowing or attempting to swallow a note or paper or running away with it or causing its disappearance or destroying it in any manner.
- (k) Writing on any piece of paper or blotting paper or on any other material any question or a part thereof set in the question paper or anything connected with it or a solution thereof.
- (l) Passing or attempting to pass on to any one a copy of the question set in the question paper or the question itself, or a part thereof, or a solution to a question set in the question paper.
- (m) Possessing a solution to a question set in the question paper with or without the connivance of any person including a member of the supervisory staff.
- (n) Smuggling an answer book of a continuation sheet or any part thereof in or outside the place of examination.
- (o) Replacing or getting replaced answer books or any of its leaves or a continuation sheet during or after the examination.
- (p) (i) Misbehaving towards the Superintendent or any other member of the Supervisory staff or any member of the inspection team or the flying squad, or with another candidate inside the examination hall or outside, before, during or after the examination; or
 - (ii) Creating disturbance in the examination hall or in its vicinity; or
 - (iii) Organising a walk out; or instigating others to walk out; or mis-conducting oneself in any manner in or outside the examination hall; or
 - (iv) Disturbing or disrupting the examination in any manner whatsoever; or
 - (v) Carrying into the examination hall fire-arms or any other weapon.
- (q) Deliberately disclosing one's identity or making any distinctive mark in the answer book for that purpose.
- (r) Using abusive or obscene language in the answer book.
- (s) Forging another person's signature on admission form or using a forged document knowing it to be forged with the view to seeking admission to a College or to a University examination.
- (t) Obtaining admission to an examination on a false representation made in the admission form or any document or suppressing material information relating to the candidate's eligibility and / or obtaining admission to a course in an affiliated College to eventually appear in a University examination and such admission has been found to have been obtained on the basis of the false representation.
- (u) Getting oneself imprisoned by someone in the examination or impersonating another candidate.
- (v) Communicating or attempting to communicate, directly or through person, with an examiner with the object of influencing him / her in the award of marks.
- (w) Making an appeal to the examiner in the answer book.
- (x) Knowingly writing another person's Roll Number on one's answer book. And / or
- (y) Engaging in any other act or omission which amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.

11.1 A candidate found guilty of committing any one or more of the offences in Regulation 10 supra shall be disqualified from appearing in any examination of the University for the period specified as under:-

| | |
|---|--|
| I. For offences under clauses (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (ai), (aj), (ak), (al), (am), (an), (ao), (ap), (aq), (ar), (as), (at), (au), (av), (aw), (ax), (ay), (az), (ba), (bb), (bc), (bd), (be), (bf), (bg), (bh), (bi), (bj), (bk), (bl), (bm), (bn), (bo), (bp), (bq), (br), (bs), (bt), (bu), (bv), (bw), (bx), (by), (bz), (ca), (cb), (cc), (cd), (ce), (cf), (cg), (ch), (ci), (cj), (ck), (cl), (cm), (cn), (co), (cp), (cq), (cr), (cs), (ct), (cu), (cv), (cw), (cx), (cy), (cz), (da), (db), (dc), (dd), (de), (df), (dg), (dh), (di), (dj), (dk), (dl), (dm), (dn), (do), (dp), (dq), (dr), (ds), (dt), (du), (dv), (dw), (dx), (dy), (dz), (ea), (eb), (ec), (ed), (ee), (ef), (eg), (eh), (ei), (ej), (ek), (el), (em), (en), (eo), (ep), (eq), (er), (es), (et), (eu), (ev), (ew), (ex), (ey), (ez), (fa), (fb), (fc), (fd), (fe), (ff), (fg), (fh), (fi), (fj), (fk), (fl), (fm), (fn), (fo), (fp), (fq), (fr), (fs), (ft), (fu), (fv), (fw), (fx), (fy), (fz), (ga), (gb), (gc), (gd), (ge), (gf), (gg), (gh), (gi), (gj), (gk), (gl), (gm), (gn), (go), (gp), (gq), (gr), (gs), (gt), (gu), (gv), (gw), (gx), (gy), (gz), (ha), (hb), (hc), (hd), (he), (hf), (hg), (hh), (hi), (hj), (hk), (hl), (hm), (hn), (ho), (hp), (hq), (hr), (hs), (ht), (hu), (hv), (hw), (hx), (hy), (hz), (ia), (ib), (ic), (id), (ie), (if), (ig), (ih), (ii), (ij), (ik), (il), (im), (in), (io), (ip), (iq), (ir), (is), (it), (iu), (iv), (iw), (ix), (iy), (iz), (ja), (jb), (jc), (jd), (je), (jf), (jg), (jh), (ji), (jj), (jk), (jl), (jm), (jn), (jo), (jp), (jq), (jr), (js), (jt), (ju), (jv), (jw), (jx), (jy), (jz), (ka), (kb), (kc), (kd), (ke), (kf), (kg), (kh), (ki), (kj), (kk), (kl), (km), (kn), (ko), (kp), (kq), (kr), (ks), (kt), (ku), (kv), (kw), (kx), (ky), (kz), (la), (lb), (lc), (ld), (le), (lf), (lg), (lh), (li), (lj), (lk), (ll), (lm), (ln), (lo), (lp), (lq), (lr), (ls), (lt), (lu), (lv), (lw), (lx), (ly), (lz), (ma), (mb), (mc), (md), (me), (mf), (mg), (mh), (mi), (mj), (mk), (ml), (mn), (mo), (mp), (mq), (mr), (ms), (mt), (mu), (mv), (mw), (mx), (my), (mz), (na), (nb), (nc), (nd), (ne), (nf), (ng), (nh), (ni), (nj), (nk), (nl), (nm), (nn), (no), (np), (nq), (nr), (ns), (nt), (nu), (nv), (nw), (nx), (ny), (nz), (oa), (ob), (oc), (od), (oe), (of), (og), (oh), (oi), (oj), (ok), (ol), (om), (on), (oo), (op), (oq), (or), (os), (ot), (ou), (ov), (ow), (ox), (oy), (oz), (pa), (pb), (pc), (pd), (pe), (pf), (pg), (ph), (pi), (pj), (pk), (pl), (pm), (pn), (po), (pp), (pq), (pr), (ps), (pt), (pu), (pv), (pw), (px), (py), (pz), (qa), (qb), (qc), (qd), (qe), (qf), (qg), (qh), (qi), (qj), (qk), (ql), (qm), (qn), (qo), (qp), (qq), (qr), (qs), (qt), (qu), (qv), (qw), (qx), (qy), (qz), (ra), (rb), (rc), (rd), (re), (rf), (rg), (rh), (ri), (rj), (rk), (rl), (rm), (rn), (ro), (rp), (rq), (rr), (rs), (rt), (ru), (rv), (rw), (rx), (ry), (rz), (sa), (sb), (sc), (sd), (se), (sf), (sg), (sh), (si), (sj), (sk), (sl), (sm), (sn), (so), (sp), (sq), (sr), (ss), (st), (su), (sv), (sw), (sx), (sy), (sz), (ta), (tb), (tc), (td), (te), (tf), (tg), (th), (ti), (tj), (tk), (tl), (tm), (tn), (to), (tp), (tq), (tr), (ts), (tu), (tv), (tw), (tx), (ty), (tz), (ua), (ub), (uc), (ud), (ue), (uf), (ug), (uh), (ui), (uj), (uk), (ul), (um), (un), (uo), (up), (uq), (ur), (us), (ut), (uu), (uv), (uw), (ux), (uy), (uz), (va), (vb), (vc), (vd), (ve), (vf), (vg), (vh), (vi), (vj), (vk), (vl), (vm), (vn), (vo), (vp), (vq), (vr), (vs), (vt), (vu), (vv), (vw), (vx), (vy), (vz), (wa), (wb), (wc), (wd), (we), (wf), (wg), (wh), (wi), (wj), (wk), (wl), (wm), (wn), (wo), (wp), (wq), (wr), (ws), (wt), (wu), (wv), (ww), (wx), (wy), (wz), (xa), (xb), (xc), (xd), (xe), (xf), (xg), (xh), (xi), (xj), (xk), (xl), (xm), (xn), (xo), (xp), (xq), (xr), (xs), (xt), (xu), (xv), (xw), (xx), (xy), (xz), (ya), (yb), (yc), (yd), (ye), (yf), (yg), (yh), (yi), (yj), (yk), (yl), (ym), (yn), (yo), (yp), (yq), (yr), (ys), (yt), (yu), (yv), (yw), (yx), (yy), (yz), (za), (zb), (zc), (zd), (ze), (zf), (zg), (zh), (zi), (zj), (zk), (zl), (zm), (zn), (zo), (zp), (zq), (zr), (zs), (zt), (zu), (zv), (zw), (zx), (zy), (zz). | Disqualification for a period that may extend to five years, but be not less than two years. |
| II. For offences under clauses (a), (d), (e), (g), (h), (i), (j), (l), (v) and (x) | Disqualification for a period of not less than two years. |
| III. For offences under clauses (m) and (t) | Disqualification for a period of not less than three years. |
| IV. For offences under clauses (n) and (o) | Disqualification for a period of not less than four years. |
| V. For offences under clauses (s) and (u) | Disqualification for a period of not less than five years. |
| VI. For offences under clause (p) | Disqualification for a period that may extend to five years. |
| VII. For offences under clause (y) | Disqualification for a period that may extend to five years, but be not less than two years. |

Note: All cases in which disqualification has been ordered for a period of five years shall be reported to the Board of Governors by the Registrar.

11.2 A candidate contravening the provisions of clause (b), (f), (q), and (w) or Regulation 10 shall be liable to cancellation of his/her answer book in the subject/paper concerned without any implication of moral turpitude.

12. If during a University examination, a candidate is found having in his/her possession or notes which could be of assistance to him/her in the examination but he/she has not made use of them, and if the committee is satisfied that these papers, books or notes, as the case may be, remained with the candidate out of inadvertence, he/she may as a disciplinary measure and without any implication of moral turpitude, be debarred from passing in that paper.

13. If the answer book of a candidate shows or it is otherwise established that he/she had received, attempted to receive help from any source and in any manner, or has given help or attempted to give help to another candidate in any manner, he/she shall be disqualified from appearing in any examination for a period of not less than two years.

14. A person found guilty of writing an answer book or a continuation sheet for a candidate, which the latter has smuggled, or intends to smuggle, into the examination hall and has submitted or intends to submit, as one having been written by himself/herself, shall be disqualified from appearing in any examination for a period of not less than four years, including that in which he/she is found guilty.

15. A person, not being a candidate, found guilty of impersonating or misrepresenting a candidate in the examination shall be declared not a fit and proper person to be admitted to any future examination of the University. Besides, if it is considered necessary, his/her case may be reported to the Police.

16.1 If a person misbehaves with a member of the supervisory staff or a member of the flying squad or inspection team or threatens or intimidates any one or more of them, or otherwise interferes with their work in any manner, he/she shall be disqualified from appearing in any examination for a period which may extend from two to five years.

16.2 If a person misbehaves with an examiner or any other individual deputed in connection with the evaluation work or threatens or intimidates any one or more of them or otherwise interferes with their work in any manner, he/she shall be disqualified from appearing in any examination for a period which may extend from two to five years.

17. If a person, including a member of the supervisory staff or menial, helps the candidate to copy from certain material or from the answer-book of another candidate or helps in any other manner, he/she shall be disqualified from appearing in any examination for a period of not less than two years and shall not be given any remunerative work of the University for a period to be determined by the Vice-Chancellor. In case such a person is a member of the teaching staff or a College affiliated to the University, or is working as a Librarian, or a Director of Physical Education etc. his approval as Lecturer, Instructor or Librarian or Director of Physical Education, as the case may be, shall be withdrawn.

18. A person who is found guilty of committing an offence under these Regulations but is not a candidate for any examination, shall be dealt with as under :

(a) In case of a teacher or a person connected with an Institution, his/her conduct shall be reported to the Managing Body of the Institution or the Government in the case of a Government Institution, and he/she shall be debarred from any remunerative job in the University.

Provided that in such cases where a teacher/ member of the non-teaching staff had been or is debarred/ disqualified permanently from any remunerative work of the University, the punishment would be for 10 years in all.

(b) The Vice Chancellor may hand over the case to the Police if it discloses commission of a criminal offence.

19. For cases of unfair means not covered by these Regulations, the Board of Governors may, on the recommendations of the Committee, impose such punishment as the nature of the offence demands.

20. An appeal against the decision of the Committee shall lie to the Vice Chancellor only if a candidate, or a Branch dealing with Unfair Means Cases, is in a position to put up some new facts which are likely to be crucial in the sense that they might induce the Committee to come to a decision other than the one taken by it. The candidate may go in for appeal within thirty days from the date of receipt of information about the decision whereas the Branch may also initiate the cases, if any, within thirty days from the date of receipt of decision from the Committee. In such cases, the Vice Chancellor may order that such facts be reduced to writing and placed before the Committee for reconsidering the whole case.

After reconsideration of the whole case by the Committee, the case shall be referred to the Vice Chancellor, who may either finally decide the case himself/herself or refer it to the Board of Governors for final decision, as he/she may deem proper.

21. If the Board of Governors is satisfied after enquiry that the integrity of an examination has been violated at an examination centre as a consequence of large-scale unfair assistance rendered to the examinees, it may, besides taking action under these Regulations order re-examinations, cancelling the results of such examination if already declared, and may also abolish that examination centre for future or for a specified period.

LIST OF PARTICIPANTS OF BHU ACADEMIC COUNCIL MEETING HELD ON 06.04.2001

1. Dr. H. S. Gurm Vice-Chancellor
2. Dr. M. S. Sukhija Acting Registrar & DP&D, PTU
3. Dr. Sadhu Singh Director Colleges
4. Sh. K. S. Khatra OSD (Exam)
5. Dr. S. K. Goyal Principal, LLRIET, Moga
6. Dr. R. S. Seehra Principal, IET, Bhaddal, Ropar
7. Dr. Narinder Singh Principal, GZSCET, Bathinda
8. Dr. Avtar Singh Chairman SSIET Derabassi
9. Dr. Gurmohan Singh Principal MGIMT Fatehgarh Sahib
10. Dr. D. R. Singh Director JDIMT, Muktsar
11. Dr. K. S. Chopra Director-Principal, JSE Pharmacy College, Moga
12. Dr. R. L. Gupta Principal Pharmacy College, Bela
13. Dr. A. S. Bansal Director, GNIMT, Model Town, Ludhiana
14. Vipin K. Dewan Director, CMTR, Mohali
15. Gurcharan Singh Director, RIMA Chandigarh
16. Nardeep K. Maheswari Senior Faculty, GJIMT Mohali
17. Prof. M. K. Sehgal BGCET Sangrur
18. Dr. O. P. Sahni PIMT Mandi Gobindgarh
19. Dr. H. S. Sagar Principal, REC, Jalandhar
20. Mr. Baljinder Singh Bajwa HOD, BIS College of Pharmacy, Kot-ise-Khan
21. Dr. J. K. Sharma Principal, BCET, Gurdaspur
22. A. S. Grewal Principal GTBNIMT Dakha
23. Parvinder Singh Faculty, GGNIMT, Ludhiana
24. Prof. R. K. Parashar IITT College of Engg., Pojewal
25. Mrs. Gurpreet Kaur St. Soldier, Jalandhar
26. Dr. S. C. Kapoor GTBKIET, Malout
27. Dr. S. Ghosh REC, Jalandhar
28. Dr. D. S. Hira SLIET Longowal
29. Dr. B. P. Singh Principal, GNDEC, Ludhiana
30. Prof. A. P. Jain Director, LLRMIMT, Sangrur
31. Dr. D. K. Aggarwal SSIET, Dera Bassi
32. Dr. D. S. Kumar SUSCET, Tangori (Mohali)
33. Dr. Ashwini Kumar AIET, Faridkot
34. Dr. Arjan Singh BBSBEC Fatehgarh Sahib
35. Col. H. S. Singha Director, IMS, Ludhiana
36. Dr. K. N. S. Kang Director, PCTE, Ludhiana
37. S. Gurcharan Singh Director LLRMIMT, Dhudike (Moga)
38. Dr. Gurdip Singh MIMIT, Malout
39. Dr. K. P. Janardhanan

