

**5<sup>th</sup> Meeting  
of  
Academic Council**





**PUNJAB TECHNICAL UNIVERSITY  
JALANDHAR**

**AGENDA FOR THE FIFTH MEETING OF  
THE ACADEMIC COUNCIL  
TO BE HELD ON 11<sup>TH</sup> JUNE, 1999  
IN THE COMMITTEE ROOM OF  
DR B R AMBEDKAR REGIONAL ENGINEERING COLLEGE  
JALANDHAR**

# PUNJAB TECHNICAL UNIVERSITY

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Ref. No. 02.05.259-289  
DT. 07/06/99

**Sh N S Rattan, IAS**  
**Vice-Chancellor**  
Punjab Technical University  
Jalandhar

- Chairman

**Prof M. S. Maheshwari**  
**Dean Postgraduate Studies**  
IIT Hauz Khas  
New Delhi

**Dr R S Khandpur**  
**Director**  
Centre for Electronics Design & Technology  
Phase VIII Industrial Area  
SAS Nagar Mohali (Ropar)

**The Principal**  
**Dr B R Ambedkar REC**  
Jalandhar

**The Princiupal**  
**Guru Nanak Dev Engg College**  
Ludhiana

**The Principal**  
**SBS College of Engg & Technology**  
Ferozepur

**The Principal**  
**Beant College of Engg & Technology**  
Gurdaspur

**The Principal**  
**GZS College of Engg & Technology**  
Bathinda

**The Director**  
**Sant Longowal Instt of Engg & Technology**  
Longowal (Sangrur)

**The Principal**  
**Baba Banda Singh Engg College**  
Fatehgarh Sahib

**The Principal**  
**Adesh Instt of Engg & Technology**  
Faridkot

**The Principal**  
**GTB Instt of Engg & Technology**  
**Chhapianwali (Malout)**

**The Principal**  
**SUS College of Engg & Technology**  
**Tangori P O Mote Majra**  
**Via Manauli (Mohali)**

**The Principal**  
**Lala Lajpat Rai Instt of Engg & Technology**  
**Moga**

**The Principal**  
**Sri Sukhmani Instt of Engg & Technology**  
**Dera Bassi (Patiala) 140 507**

**The Principal**  
**Institute of Engg & Technology**  
**Temp Location: B-26, Industrial Area, Phase III**  
**Mohali**

**The Principal**  
**IITT College of Engineering**  
**Garh-Shankar-Nurpur Bedi State Highway**  
**Pojewal (Nawanshahr)**

**The Director**  
**Apeejay Institute of Management**  
**Jalandhar**

**The Director**  
**Punjab Institute of Mgt & Technology**  
**Mandi Gobindgarh**

**The Director**  
**Malout Institute of Mgt & Information Technology**  
**Malout (Faridkot)**

**The Director**  
**Mata Gujri Institute of Mgt & Higher Education**  
**Fatehgarh Sahib**

**The Director**  
**Centre for Mgt Training & Research**  
**E-44, Phase VIII Industrial Area**  
**Mohali**

**The Director**  
**Glan Jyoti Institute of Mgt & Technology**  
**Phase 2 SAS Nagar**  
**Mohali**

**The Director**  
**Lala Lajpat Rai Institute of Mgt & Technology**  
**Dhudike (Moga)**

**The Director**  
**Regional Institute of Management & Administration**  
**V & P O Bhabat Near Airport**  
**Chandigarh**

**The Principal**  
**GGN Institute of Mgt & Technology**  
**Civil Lines**  
**Ludhiana**

**The Principal**  
**Khalsa Institute of Mgt & Technology**  
**Civil Lines**  
**Ludhiana**

**The Principal**  
**Guru Nanak Institute of Mgt & Technology**  
**Gujarkhan Campus**  
**Model Town**  
**Ludhiana**

**The Director**  
**GTB National Institute of Mgt & Technology**  
**Dakha (Ludhiana)**

**The Director**  
**Sanatan Dharam College of Mgt & Technology**  
**Daresi Road**  
**Near Subhash Nagar**  
**Ludhiana**

**Subject: Meeting of the Academic Council**

**Sir/Madam,**

In continuation of this office letter No.02.05.198-227 Dated 28-05-99 on the subject mentioned above, the agenda of the 5<sup>th</sup> meeting of the Academic Council scheduled to be held on 11-6-99 at 2-30 P.M. in the Committee room of Dr. B.R. Ambedkar Regional Engineering College, Jalandhar is enclosed..

**Yours faithfully,**

  
**(K K Dhir)**  
**Registrar**

**CC: Dr P S Kalsi, Dean Colleges, PTU. He is requested to attend the meeting.**

## Agenda Items

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**Item No.1 Proceedings of 4<sup>th</sup> meeting of the Academic Council held  
on 5-10-98**

The fourth meeting of Academic Council was held on 5-10-98. The proceedings of this meeting were circulated vide letter No. 02.05.158-162 Dated 6-10-98-(Annexure 1 pages 16-21). A letter had been received from Principal, GZS CET Bathinda in which he had informed that the required specialization is B.Tech. Electronics (Instt. & Control Engg.) and requested for making the necessary amendments. The proceedings of this items read as under :-

**" The Academic Council approved the proposal to start B.Tech. course in Instrumentation & Control Engineering at GZS CET Bathinda with an intake of 40 students"**

The matter is placed before the Academic Council for consideration and confirmation of the proceedings.

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**ITEM NO . 2      Starting of Management Courses in Engineering Institutions.**

Punjab Technical University has granted affiliation to Engineering institutions and Management Institutions. A few Engineering institutions have shown interest to start Management courses since they have infrastructure and facilities for this purpose. A few Management courses are taught in the B.Tech. programme also in various disciplines.

The matter, therefore, needs to be discussed as to whether Management courses should be allowed to be started in Engineering institutions or these should be run only in Management institutions.

The matter is placed before the Academic Council for consideration..

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**ITEM NO. 3      Starting of Integrated Courses of Engineering & Management.**

It has been observed that a large number of Engineering Graduates, after completing their degree try to seek admission for the MBA classes as a feeling have spread in the working world that Engineering Graduates with MBA degree is far better stuff than ordinary B.E.

Keeping the above facts in view, the Vice Chancellor, PTU feels to start an integrated Engineering & Management Degree Courses in the University. This can be called Bachelor in Engineering & Business Administration or B.E. B.A.. This can be a 5 years integrated course instead of present 4 years B.E. course and syllabi of both the fields can be compressed in five years. Though at first look, it will mean an addition of one year for B.E. students, but as long term measure, it will be a saving of one year for those who wish to study both Engineering and MBA courses.

This proposal was circulated to all the Directors/Principals of the Engineering & Management Institutions affiliated to PTU for comments and to know the reaction of the students community to this proposal.

The matter is placed before the Academic Council for discussion.



**Item No.4 Introduction of a paper on the History,Culture & Polity of India in Engineering & MBA/MCA Institutions.**

It has been found that even the most brilliant students passing out in B. Tech./MBA/MCA degree are virtually blank so far as the basic knowledge about the history,culture and polity of the country is concerned. This speaks ill about the type of education being imparted at present and needs to be rectified.

The Vice -Chancellor ,PTU is of the view that it will be most appropriate if one paper on the History,Culture and Polity of the country is introduced in B.E. MBA and MCA courseJs. This paper in 4/3/2 years will cover the basic salient features of the Indian history,culture and polity as well as study of comparative religions of the world.

Further this paper need not be considered as compulsory paper for passing the examination. However, for keeping the attendance in the class(es) and for giving incentive to the students ,it can be laid down that atleast 75 percent attendance in the lectures shall be necessary for being eligible for sitting in the examination. And those who opt for the paper to be considered for working out their division, marks obtained in this paper will be added into the total marks obtained.

This proposal has been circulated among all the Directors/Principals of the Engineering & MBA/MCA Institutions affiliated to PTU for comments which are still awaited.

This proposal is placed before the Academic Council for consideration.

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**Item No. 5      Rules & Regulations of Moderation of sessional awards.**

A Committee consisting of the following members was constituted as per orders of the Vice Chancellor for framing regulations for moderation of sessional awards:

- |                     |  |           |
|---------------------|--|-----------|
| 1. Dr.R.P.Singh     | Principal, GNDEC, Ludhiana                                   | -Chairman |
| 2. Dr.Ashwini Kumar | Principal, GTB Institute of Engg. & Technology,<br>Faridkot. |           |
| 3. Dr.R.S.Seehra    | Principal, I.E.T.Mohali                                      |           |

The Committee after deliberation upon the issue made the recommendations Annexure\_II pages 22-24 . According to the regulations for B.tech. programme, 40 % marks in each paper are awarded at the end of the semester by the teacher concerned on the basis of performance by the students in assessment, internal tests, quiz & Lab. work and tutorial etc. The idea of framing regulations was to avoid any subjectivity on the part of the teacher concerned regarding internal assessment. It is, therefore, suggested that regulations should be termed as 'regulations for the award of sessional marks instead of' regulations for moderation of sessional awards.

It is further suggested that provision should be made in these regulations for making it obligatory on the part of the Principals to ensure that marks awarded to the students in all the assessment (tutorial/quiz and Lab. work etc.) should be made known to the students frequently by exhibiting the same on the notice board. Total marks awarded at the end of the semester may also be put up on the notice board for the sake of transparency.

The matter is put up before the Academic Council for consideration.



**Item No. 6      Re-evaluation of Answer Books**

A Committee headed by Dr R P Singh, Principal, Guru Nanak Dev Engineering College, Ludhiana was constituted by the Vice-Chancellor, PTU, to propose regulations for re-evaluation of answer books .

Based on these recommendations of the committee, the Vice Chancellor approved the regulations for re-evaluation placed as Annexure III pages 25-26.

The matter is placed before the Academic Council for consideration and ratification.

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**Item No. 7****Regarding Holidays in the Institutions affiliated to PTU**

The Engineering College Technical Employees Union, Bathinda has represented that holidays may be observed as per the Punjab Government pattern. The matter was referred to the Principal, GZS CET Bathinda. The reply received from him vide his No.13733 dated 1-1-99 is placed as Annexure IVI page 27. He has suggested that either holidays may be followed on Punjab Government pattern and in case PTU pattern is to be followed, number of casual leaves may be increased by five. The list of holidays presently being observed is placed as Annexure V Page 28.

The matter is placed before the Academic Council for consideration.

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**Item No. 8      Rules & Regulations for Ph.D.degrees**

As per orders of the ex Vice Chancellor, a Committee consisting of Dr.P.S.Kalsi, Dean Colleges, PTU, Dr.H.S.Sagar, Principal, REC Jalandhar and Dr J.K.Sharma, Principal, BCET Gurdaspur was constituted to frame the regulations for Ph.D. programme of Punjab Technical University. The recommendations of the Committee were approved by the Vice Chancellor on 15-2-99, a copy of which is placed as Annexure\_VI (Pages 29-39 )

The matter is placed before the Academic Council for consideration.

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**Item No.9 Admission of students from J & K.**

There are seven seats available in REC, Jalandhar for students to be deputed by REC Srinagar. Due to some reasons, these students were admitted very late by REC Srinagar. They reported to REC Jalandhar on 26-2-99 and this intimation was sent by the REC Jalandhar to the University on 4-3-99. By this time, the first semester was already over and accordingly these students were admitted by REC, Jalandhar to the second semester.

According to the regulations, these students may appear in the second semester, but they have to complete the attendance requirement and credit requirements of the first semester also for being promoted to third semester.

Since they did not attend classes of the first semester, they cannot be promoted to 3rd semester. Accordingly they will have to attend classes of first semester alongwith the new batch of 1999 to complete this requirement.

In this way, they will lose one full year as they will be able to get promoted to third semester in the year 2000. The Principal, REC Jalandhar has proposed

to place the matter before the Academic Council for sympathetic consideration and allowing these students to join first semester with 1999

batch students. In case it is decided to accept the recommendations of the

Principal, REC, Jalandhar, they will be governed by the fee structure applicable to 1999 batch students.

The matter is placed before the Academic Council for consideration.



**Item No. 10****Shortage of attendance**

Principal, Guru Nanak Dev Engineering College, Ludhiana has pointed out that student is supposed to attend atleast 75 % of the scheduled lectures.

The Principal can condone upto 10 % lectures in a particular subject. In case the candidate is below the marks, the student/class has to repeat the whole course in the next year when the subject in the same semester will again be offered. If the whole class falls short of the attendance ,then course has to be offered for the entire class. In that case, the requirement will be to have additional Teachers, additional class rooms for the students/class who were detained due to shortage of attendance. There is no provision as such for additional faculty to teach the whole/ part of the class and additional class rooms. The ways and means to tackle this problem may be sorted out.

The matter is placed before the Academic Council for consideration.

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**Item No.11 Relaxation of rules regarding promotion to 5<sup>th</sup> & 6<sup>th</sup> Semester  
For 1996 batch students of SLIET Longowal**

**The Director, Sant Longowal Institute of Engg. & Technology, Longowal vide  
Annexure \_VII\_ Pages \_40\_ requested that the proviso of regulations of P.T.U.  
applicable to SLIET may not be made applicable to the students of 96<sup>th</sup> batch for  
promotion to 5<sup>th</sup> & 6<sup>th</sup> semester. Accepting the request, Vice Chancellor allowed  
promotion for waiving of this condition of passing 2<sup>nd</sup> semester before being promoted  
to the 6th semester and passing of all subjects in Ist semester for promotion to 5<sup>th</sup>  
semester.**

**The matter is placed before the Academic Council for ratification of the decision taken  
by the Vice Chancellor.**

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Item No.12

Permission to appear In External Examination of 6<sup>th</sup> Semester

The students of 6<sup>th</sup> semester of G.Z.S. College of Engg. & Tech. Bathinda have made a request which is placed as Annexure VIII Pages 41. They are the erstwhile students of Punjabi University Patiala. According to regulations applicable to them a student cannot be promoted to 6<sup>th</sup> semester, if he has not cleared the 2<sup>nd</sup> semester. These students belong to this category. Since it is the last 6<sup>th</sup> semester of the old scheme of the Institution, they have requested that they may be allowed to sit in the 6<sup>th</sup> semester so that their degrees are not affected. The Chief Minister Punjab has observed to consider this request of the students sympathetically.

The matter is, therefore, placed before the Academic Council for consideration.

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**Item No.13**

**Bridge courses being taught to Diploma students(admitted under LEET) in BBS Engg. College,Fatehgarh Sahib and GZS College of Engg. & Technology,Bathinda.**

As a follow up action to the decision taken by the Academic Council on 5-10-98, the Committee constituting of

1. Dr. D.S.Bedl.  
Principal,  
BBSEC, Fatehgarh Sahib
2. Dr. Narinder Singh,  
Principal,  
GZS ,CET, Bathinda
3. Dr. R. K. Bansal,  
Prof. & Head (Deptt of Elect. & Electronics Engg.)  
GZS, CET, Bathinda
4. Dr. R. Jha,  
Prof. & Head (Deptt. of Inst. Engg.)  
Dr. B. R. Ambedkar, REC,  
Jalandhar

made the following recommendations on the issue of bridge courses being taught to diploma students (admitted under LEET) in BBS College of Engg. & Technology,Fatehgarh Sahib and GZS College of Engg. & Technology,Bathinda.

"The regulation regarding the implementation of the bridge courses may be withdrawn for all the students ,who were admitted under LEET scheme with retrospective effect. It is further recommended that those students who were not awarded the honours degree earlier on account of the non-clearance of bridge courses, may be given the honours degree. The recommendation is made specially in view of the fact that the marks secured by the students in the subjects under bridge courses are not added in detail marks for the award of degrees".

The Committee also recommends that the students who will be admitted under LEET-scheme in future, should not be required to clear the bridge courses.

The matter is placed before the Academic Council for consideration and approval.

*[Handwritten signature]*



**Item No. 14      Nomenclature of B. Tech Degree**

According to the proposed regulations, Punjab Technical University will award degrees in the following disciplines:-

- I      Chemical Engg
- II     Chemical & Bio-Engg
- III    Civil Engg.
- IV    Civil Engg. (Structural Engg & Construction Management)
- V     Computer Engg
- VI    Computer Science
- VII   Computer Science & Engg
- VIII   Electrical Engg
- IX    Electronics Engg
- X     Electronics & Electrical Communication
- XI    Electronics (Inst. & Control Engg.)
- XII   Electronics & Communication Engg
- XIII   Electronics & Instrumentation Engg
- XIV   Industrial Engg
- XV    Instrumentation & Control Engg
- XVI   Leather Technology
- XVII   Materials Engg
- XVIII   Mechanical Engg
- XIX   Mechanical Engg (Mech. M/c Design & Automation)
- XX    Production Engg
- XXI   Textile Technology

In this connection, it may be stated that the University is following common syllabi for the following groups:-

**Chemical Engg**  
**Chemical & Bio-Engg**

**Civil Engg.**  
**Civil Engg. (Structural Engg & Construction Management)**

**Computer Engg**  
**Computer Science**  
**Computer Science & Engg**

**Electrical Engg**  
**Electronics Engg**  
**Electronics & Electrical Communication**

**Electronics (Inst. & Control Engg.)**  
**Electronics & Communication Engg**  
**Electronics & Instrumentation Engg**  
**Industrial Engg**  
**Instrumentation & Control Engg**

**Mech Engg**  
**Mech Engg (Mefh. M/c Design & Automation)**

It is proposed that a common nomenclature may be designed / decided for each of the above groups.

The matter is placed before the Academic Council for consideration.

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**Item No. 15****Finalization of syllabi for Bachelor in Information Technology (BIT)**

Punjab Technical University intends to start Three Years Bachelor in Information Technology (BIT) course. The Vice-Chancellor, had constituted the following committee to examine the proposal:-

1. Dr R S Khandpur, Director, CEDT, Phase VIII, Mohali
2. Sh N S Kalsi, IAS, Director (Informatics Systems), Punjab, Chandigarh
3. Mr Navneet Kukreja, State Informatics Officer, National Informative Centre (NIC) Chandigarh
4. The Director, TE & IT Punjab ( or his representative)
5. Dr G K Sharma, Head, Deptt. of Computer Science, TIET Patiala
6. Mr Deepak Nanda, Jt Managing Director,, M/s Trident Infotech Corporation, Chandigarh

The committee feels that introduction of such a course on Information Technology in place of the normal B.Sc., B.Com or B.A. classes will be much more useful to the students community of the State of Punjab. All these pass outs of such courses would be well trained specially in computer software and IT services which would fill the gap between the Engineering graduates and diploma holders in computers.

The details about the course and the scheme of examination is placed as Annexure IX, pages 42-53



**Item No.16**

**Academic Calendar for the year 1999-2000**

The Academic Calendar for the academic year 1998-99 is placed as **Annexure X, page 54.**

Based on this, the academic calendar for the session 1999-2000 may be decided.

The matter is placed before the Academic Council for consideration.

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Proceedings of the 4<sup>th</sup> Meeting of the Academic Council, held on 5<sup>th</sup> October, 1998 under the Chairmanship of Vice-Chancellor, Punjab Technical University Jalandhar in the Committee Room of REC, Jalandhar:-

The following were present:-

- 1) S Anup Singh, Vice-Chancellor, PTU - Chairman
- 2) Dr. H. S. Sagar, Principal REC, Jalandhar
- 3) Dr. R.P. Singh, Principal, GNDEC, Ludhiana
- 4) Dr. R. C. Bahl, Principal, SBS CET Ferozepur
- 5) Dr. Ashwani Kumar, Principal, AET, Faridkot
- 6) Dr. S. C. Kapoor, Principal, GTB CET Chhapianwali, Malout
- 7) Dr. R.K. Bansal, GZS CET Bathinda
- 8) Col. S.P. Sharma (Retd.), SUS CET Mohali
- 9) Dr. S. K. Goval, Principal, LLRM Inst. of Engg. & Tech Moga
- 10) Dr. R.S. Seehra, Principal, Engg. College, Ropar
- 11) Col. P. S. Bhatia (Retd.), Engg. College Pojewal
- 12) Dr. D.S. Kumar, Director Academics, PTU
- 13) Dr. P.S. Kalsi, Director Colleges, PTU
- 14) Sh. K. K. Dhir, Registrar

#### Item No.1: Right of re-evaluation and other concessions for students

The Academic Council took the following decisions:-

- a) The action taken by the Vice-Chancellor, PTU introducing the re-evaluation system for the 2<sup>nd</sup> semester students and the 1st semester re-appear students and onwards was ratified by the Academic Council;
- b) It was decided that students of 1997 batch who got re-appear in 1st semester will not be debarred from the award of "Honours", if they otherwise fulfil the requirement;
- c) The Academic Council agreed to give 1 percent grace marks to be calculated on the total of theory papers and the rounded off grace marks would be distributed in not more than two subjects for the purpose of clearing the theory papers by the students in that semester. The theory marks to be considered for the purpose would be worked out on the basis of the credits allotted to each course in the teaching scheme;

*[Signature]*

**Item No.2: Review of the Course Mathematics -III for B.Tech students**

The Academic Council constituted the following committee to review the matter:-

- 1) Dr. D. S. Kumar, Director Academics, PTU
- 2) Dr. M. C. Wadhawan, REC, Jalandhar
- 3) Dr. Ashwini Kumar, Principal, AIET, Faridkot

**Item No.3: Proposal for Introduction of B.Tech. Electronics (Instrumentation & Control Engg. Course)**

The Academic Council approved the proposal to start B.Tech course in Instrumentation & Control Engineering at GZS CET Bathinda with an intake of 40 students.

**Item No.4: Regulations for MCA & MIT**

The Academic Council approved the ordinances for MCA and MIT with the following observations:-

- a) The clause relating to condonation of lectures should be re-worded so that it is 10 percent of the delivered lectures and tutorial taken together and for the practical classes, this percentage is to be worked out separately.
- b) For being eligible for MIT, B.Tech degree in Instrumentation & Control Engineering and Electronics & Instrumentation may also be included.
- c) The maximum number of years during which the degree of MCA can be completed should be five years and for MIT, it should be four years.
- d) The Academic Council also approved the teaching scheme and course syllabi for both these degrees.

**Item No.5: Clarification regarding the Bridge Course being conducted by the Punjabi University, Patiala**

The Academic Council constituted the following committee:-

- a) Dr. D. S. Bedi, Principal, BBS, Fatehgarh Sahib
- b) Dr. R. Jha, REC, Jalandhar
- c) Dr. R. K. Bansal, GZS CET Bathinda

#### **Item No.6: Holidays to be observed at PTU – New proposal**

The Academic Council observed that needful has already been done by the University and as such no further discussion is required.

#### **Item No.7: Introducing Distance Education System at PTU**

The Academic Council took a note of the letter dated 3<sup>rd</sup> May, 1998 written Shri R. D. Kewalramani, practicing advocate of Supreme Court of India, New Delhi and observed that no action is required at this stage.

#### **Item No.8: Academic Calendar 1998-99**

It was decided that Dr. D. S. Kumar, Director of Colleges, PTU and representative of REC, Jalandhar would review the Academic Calendar and will communicate the changes, if any, to all the colleges within a weeks time.

#### **Item No.9: Recommendations of Executive Committee of AICTE**

The Academic Council decided that the AICTE may be advised to continue with the existing system according to which Diploma holders with 60 percent marks are eligible to seek admissions to the 2<sup>nd</sup> year of the degree programme and the total number of seats for the purpose may be kept as 10 percent of the intake. The council was of the view that Diploma holders whether 10<sup>th</sup> passed or 10-2 pass should be treated at par.

#### **Item No.10: Regulation regarding Migration of students**

The Academic Council decided to make the following changes in clause 25 of the regulations relating to B.tech. programme:-

- i) Clause 25 (i) be amended as under:-

“ The candidate has qualified CET examination and the candidate's merit is higher than the last student admitted to the College to which the migration is sought in that discipline in General Category”

- ii) Clause 25(ii) be deleted;

iii) Clause 26 (i) be amended as under:-

"The candidate has qualified CET examination and the candidate's merit is higher than the last student admitted to the College to which the migration is sought in that discipline in General Category.

Shifting of branch within the college as per merit which is allowed under PTU rules.

**Item No.11: Admission of self Financing Foreign students to the PTU courses**

The Academic Council decided to recommend the proposal to the State Government for consideration.

**Item No.12: Change in regulations for B.Tech. degree courses**

The Academic Council decided as under:-

- a) The system of re-evaluation as agreed to in Item No.1 be implemented;
- b) The following committee is constituted to examine various modalities and subsequent changes in the regulations as a result of the re-evaluation:-

- Dr. J.K. Sharma*
- 1) Dr. J. K. Sharma
  - 2) Dr. H. S. Sagar
  - 3) Dr. R.P. Singh

It was also decided that for the time being, normal rules of re-evaluation be followed which inter-alia as under:-

- i) that in case the change in the result due to re-evaluation shows variation of less than 15 percent, the result should be changed on the basis of average of the 1st and 2<sup>nd</sup> evaluations. In case, the variation is for more than 15 percent, it should be referred to 3<sup>rd</sup> examiner and average of the 2<sup>nd</sup> and 3<sup>rd</sup> evaluators should form the final result of the candidate.
- ii) It was decided that for the present CPAM system should be replaced by the percentage system with the following revised feature:-
  - a) Minimum pass percentage in each component of the subject (i.e., university examination and internal sessionals) will be 40 percent;

- b) If a student fails to earn the prescribed minimum 24 credits in 1st year (1st semester - 2<sup>nd</sup> semester in the year), he/she will not be allowed to go to the 3<sup>rd</sup> semester. He/she will be given another one year to make up this requirement of minimum prescribed credits. In case he/she fails, he/she will cease to be a student of the concerned Institute as well as PTU for continuing his/her studies;

In case there are any students who do not possess minimum prescribed credits on any other valid ground, they may represent to the University through the concerned college, for further necessary relaxation.

- c) The candidate must obtain 50 percent marks in aggregate at the end of 8<sup>th</sup> semester for being awarded the degree and should have passed the courses offered according to the scheme of study;
- d) It was decided that the Institution would refer the cases of candidates who were detained on account of sessional awards in internal test though they had completed the attendance requirement of the University for consideration. These students will not be stopped from being permitted to attend 3<sup>rd</sup> semester on this account and they will be allowed to appear in the examination of the concerned subject at the earliest opportunity.
- e) The Academic Council constituted the following committee for reviewing the teaching scheme for 1st year:-


- a) Dr.D.S.Kumar
- b) Dr.S.K. Goyal
- c) Dr.S.C.Kapoor

- f) The University would ensure the issuance of Detailed Marks Cards to the respective colleges within one month of the declaration of the result;
- g) The Academic Council decided to relax the condition of NCC NSS as contained in clause 13C of the regulations for the 1997 batch students;
- h) The Academic Council decided that the University should ensure effective operation of the Moderation Committee constituted in the regulation;
- i) It was decided that the students of 1997 batch who have got re-appear in any subject, will be examined according to the syllabi which he /she had studied.
- j) It was decided to impress upon the Board of Studies to get prepared the blow-ups of all the courses at the earliest possibility for the benefit of the students.

**Item No.13: Academic Calendar (1998-99 batch)**

The committee constituted by the Academic Council as per Item No.11 of the agenda shall look into Item No. 13 as well.

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



(K.K.Dhillon)

Registrar

Punjab Technical University

PROCEEDINGS of the meeting of Moderation Committee appointed by the PTU, Jalandhar, held at 11.00 AM on 19th Feb., 9 under the Chairmanship of Dr.R.P.Singh, in the Committee Room of Guru Nanak Dev Engg. College, Ludhiana.

Present: 1. Dr.R.P.Singh, Chairman  
2. Dr.R.S.Seehra, Member  
3. Dr.Ashwini Kumar, Member.

RULES AND REGULATIONS FOR MODERATION OF SESSIONAL AWARDS:

1. Sessional awards (Theory & Practicals ) in each subject in respect of an individual student shall not, in general, be more than 90% (In a specific case, if these are awarded equal to or more than 90%, then the concerned teacher shall be asked to bring sufficient evidence to justify the award of these high marks to the satisfaction of Moderation Committee.

2.(a) Out of the sessional awards earmarked for Theory subjects, i) 60% (24) shall be awarded out of class tests, ii) 15% (06) shall be awarded on the basis of attendance,\* and iii) 25% (10) shall be awarded on the basis of tutorials/class and home assignments/quizes etc.

\*Distribution of 15% marks (ie. 6 out of 40) based on attendance shall be as:

65% and above but less than 75%	= 0 mark
75% and above but less than 80%	= 1 mark
80% and above but less than 85%	= 2 marks
85% and above but less than 90%	= 3 marks
90% and above but less than 95%	= 4 marks
95% and above but less than 100%	= 5 marks
100% marks -----	= 6 marks

2(b) Practical sessional awards shall comprise of following three components:-

- i) Lab. work = 55% (33 marks)
- ii) Report writing = 20% (12 marks)
- iii) Internal viva voce = 25% (15 marks)

3. Average sessional awards, in general, in respect of each subject (Theory or Practical) can be decided between 65-70% subject to the condition that,

- (i) minimum of two theory tests/internal viva-voce tests were conducted; however, if only one class test/internal Viva-voce is conducted, then weightage shall be given out of the 50% of the weightage, as provided for the Theory tests/Viva-voce tests in Sub-Clauses-2(a & b).
- (ii) Quality of work: A Moderation Committee comprising of 3 members each appointed by the respective Board of Studies shall make one or two visits for monitoring the quality and quantity of work done by the students in the respective Colleges in a specific discipline. The Committee shall conduct the first out of the two visits for this purpose in each College, preferably in the middle of semester, and shall give in writing advisory notes/remarks on the basis of its appraisal/monitoring done in the specific discipline.

The second visit may coincide/or, form part of the first meeting of Moderation Committee for scrutinisation of Sessional awards. /In this second meeting, there shall have an appraisal of the necessary action taken by the Colleges/Depts. in the light of remarks given by the Moderation Committee during their mid-semester visits.

4. Students ~~for~~ failing in Sessional Awards shall be excluded while calculating average as provided in Clause-3.

5. Teacher shall be instructed by the Principal, that in respect of the marginal case in sessionals, once given one benefit to a student to pass level, he/she shall not be pulled up as a measure of the implementation of the decisions of the Moderation Committee.



6. Complete Sessional record of top 5 to 10% students in each College/Department shall be examined by the Moderation Committee.

Besides, the Moderation shall also take into consideration the observations/remarks given to specific College Deptt. during mid-session monitoring.

7. A class having attended less than 65% of 10-N, sessional awards in respect of them should be scrutinised & reviewed properly, with the upper limit of class average not exceeding 60% in any case.

8. Principal to ensure that Practical work in Laboratories workshops and in drawing classes is continuously assessed by the teacher during the semester.

NOTES:-

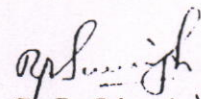
1. Members & Convenor Moderation Committee shall be appointed by the respective Board of studies in the meetings, when lists of examiners are finalised.

2. Moderation Committee shall generally comprise of three members and,

(i) they shall be Principals in respect of the Ist and IInd semester, and

(ii) shall be Heads of Deptt. of a specific discipline (subject to the condition that he/she is of Professor's rank).

3. These guide-lines shall be effective w.e.f. current semester ending in May/June, 99.

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(Dr. R. P. Singh)  
Chairman

## PUNJAB TECHNICAL UNIVERSITY

### 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 on the result gazette/notification shall be taken as the date of declaration.) If the University has issued its 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.

The answer-books of such candidate (for all examinations) whose results are late, shall be preserved by the examination Branch/Conduct Branch till their results are declared and their applications for re-evaluation be entertained within the prescribed time as laid down in the Regulations.

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 up to 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, then 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; his/her attendance in the higher class shall be counted from the date of his/her admission.

13. All entries in the application for re-evaluation should be complete and correct in all respects. The office will not be responsible for the delay/rejection of the case, if the form is not complete in all respects or not accompanied by full 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 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 result shall be determined on the basis of the marks secured by the candidate in the paper in which he re-appears

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.

ਸ਼ਾਨੀ ਜੇਠ ਗਿੰਘ ਕਾਲਜ ਆਰ ਇੰਜਨੀਅਰਿੰਗ ਅਤੇ ਤਕਨੀਕੀ, ਖਠਿਭਾ।

ਮੇਰਾ ਵਿਖੇ,

ਰਜਿਸਟਰਾਰ,  
ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ,  
ਜਲੰਧਰ।

ਨੰ: 13733

ਮਿਤੀ 1-1-78

ਵਿਸ਼ਾ:-

ਛੁੱਟੀਆਂ ਖਾਰੇ।

ਯਾਦਾ:-

ਘਾਪ ਜੀ ਦਾ ਪੱਤਰ ਨੰ: 02/01/24 ਮਿਤੀ 14/12/98 ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਤੇ

ਇਸ ਸਬੰਧ ਵਿੱਚ ਦੱਸਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਸਾਲ 1998-ਦੇਰਾਨ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਪੈਟਰਨ ਤੇ ਕੁਝਿਓ ਅਤੇ ਰਾਖਵੀਆਂ ਛੁੱਟੀਆਂ ਕਰਨ ਤੇ ਸਟਾਫ ਅਤੇ ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਕਾਫੀ ਰੋਸ ਪ੍ਰਗਟਿਆ ਗਿਆ। 07 ਛੁੱਟੀਆਂ ਰਾਖਵੀਆਂ ਕਰਨ ਤੇ ਸਟਾਫ ਦੀ ਹਾਜ਼ਰੀ ਕਾਫੀ ਘੱਟ ਪਹੁੰਚੀ ਜਾਂਦੀ ਹੈ, ਜਿਸ ਕਰਕੇ ਉਨ੍ਹਾਂ ਦਿਨਾਂ ਵਿੱਚ ਤਕਰੀਬਨ ਛੁੱਟੀ ਵਾਲਾ ਮਾਹੌਲ ਹੀ ਹੁੰਦਾ ਸੀ ਅਤੇ ਵਿਦਿਆਰਥੀਆਂ ਦੀਆਂ ਕਠਾਸਾਂ ਨਕਾਉਣ ਵਿੱਚ ਘੱਟ ਹੀ ਦਿਕਤ ਆਉਂਦੀ ਸੀ। ਪੰਜਾਬ ਸਰਕਾਰ ਵੱਲੋਂ ਅਨਾਨਕ ਛੁੱਟੀ ਦਾ ਐਲਾਨ ਹੋਣ ਕਰਕੇ ਵੀ ਕਾਲਜ ਵੱਲੋਂ ਛੁੱਟੀ ਦਾ ਫੈਸਲਾ ਕਰਨਾ ਮੁਸ਼ਕਲ ਹੋ ਜਾਂਦਾ ਸੀ ਕਿ ਉਸ ਦਿਨ ਦੀ ਕੁਝਿਓ ਛੁੱਟੀ ਕੀਤੀ ਜਾਵੇ ਜਾਂ ਰਾਖਵੀ।

ਉਪਰੋਕਤ ਸਥਿਤੀ ਨੂੰ ਮੁੱਖ ਰੱਖਦਿਆਂ ਕਾਲਜ ਦਾ ਸੁਝਾਅ ਹੈ ਕਿ ਜਾਂ ਤਾਂ ਸਾਰੀਆਂ ਛੁੱਟੀਆਂ ਪੰਜਾਬ ਸਰਕਾਰ ਅਤੇ ਖਾਕੀ ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਪੈਟਰਨ ਤੇ ਕਰ ਦਿੱਤੀਆਂ ਜਾਣ ਜਾਂ ਫੇਰ ਰਾਖਵੀਆਂ ਛੁੱਟੀਆਂ ਕਰਨ ਦੀ ਖਜਾਏ ਅਧਿਕਾਰੀਆਂ/ਰਹਮਚਾਰੀਆਂ ਨੂੰ 05 ਅਕਤੂਬਰ ਛੁੱਟੀਆਂ ਹੋਰ ਦੇ ਦਿੱਤੀਆਂ ਜਾਣ।

ਵਿਭਾਗੀ  
ਪ੍ਰਿੰਸੀਪਲ

ਜੀ.ਜੇ.ਐਸ. ਸੀ.ਈ.ਟੀ. ਖਠਿਭਾ।

2/2/99  
ਪੀ.ਏ.



## PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

It is hereby notified that the schedule below shall be observed as Public Holidays by Punjab Technical University during the year 1999

### SCHEDULE

Sr.No.	Name of Holiday(s)	Date on which they fall	Day of the Week
1.	Birthday of Guru Gobind Singh Ji	5 <sup>th</sup> January	Tuesday
2.	Id-UI-Fitr	20 <sup>th</sup> January	Wednesday
3.	Republic Day	26 <sup>th</sup> January	Tuesday
4.	Mahashivratri	14 <sup>th</sup> February	Sunday
5.	Holi	2nd <sup>th</sup> March	Tuesday
6.	Baisakhi	14 <sup>th</sup> April	Wednesday
7.	Independence Day	15 <sup>th</sup> August	Sunday
8.	Janamastami	2 <sup>nd</sup> September	Thursday
9.	Birthday of Mahatma Gandhi	2 <sup>nd</sup> October	Saturday
10.	Dussehra	19 <sup>th</sup> October	Tuesday
11.	Maharishi Balmiki's Birthday	24 <sup>th</sup> October	Sunday
12.	Diwali	7 <sup>th</sup> November	Sunday
13.	Birthday of Sri Guru Nanak Dev Ji	23 <sup>rd</sup> November	Tuesday
14.	Christmas Day	25 <sup>th</sup> December	Saturday

Note: Besides these holidays, each employee may be permitted during the Calendar year 1999 to avail himself herself any of the Seven (7) holidays to be chosen by him/her out of the Restricted Holidays mentioned below:-

1.	New Year Day	1st January	Friday
2.	Lohri	13 <sup>th</sup> January	Wednesday
3.	Basant Panchmi	22 <sup>nd</sup> January	Friday
4.	Guru Ravi Das Birthday	31 <sup>st</sup> January	Sunday
5.	International Women Day	8 <sup>th</sup> March	Monday
6.	Shahidi Day of S.Bhagat Singh Ji	23 <sup>rd</sup> March	Tuesday
7.	Ram Naumi	25 <sup>th</sup> March	Thursday
8.	Id-UI-Zuha(Bakr-Id)	29 <sup>th</sup> March	Monday
9.	Mahavir Jayanti	29 <sup>th</sup> March	Monday
10.	Good Friday	2 <sup>nd</sup> April	Friday
11.	Birthday of Dr. B.R.Ambedkar	14 <sup>th</sup> April	Wednesday
12.	May Day	1st May	Saturday
13.	Muharram	27 <sup>th</sup> April	Tuesday
14.	Budh Purnima	30 <sup>th</sup> April	Friday
15.	Shahidi Divas Guru Arjan Dev Ji	16 <sup>th</sup> June	Wednesday
16.	Nirjala Ekadeshi	24 <sup>th</sup> June	Thursday
17.	Death Anniversary of Maharaja Ranjit Singh Ji	29 <sup>th</sup> June	Tuesday
18.	Birthday of Baba Jiwan Singh Ji	5 <sup>th</sup> September	Sunday
19.	Karva Chauth	27 <sup>th</sup> October	Wednesday
20.	Vishwakarma Day	8 <sup>th</sup> November	Monday
21.	Goverdhan Puja	8 <sup>th</sup> November	Monday
22.	Birthday of Baba Nam Dev Ji	19 <sup>th</sup> November	Friday
23.	Shahidi Divas Guru Teg Bahadur Ji	24 <sup>th</sup> November	Wednesday
24.	Jor Mela Fatehgarh Sahib	25 <sup>th</sup> , 26 <sup>th</sup> & 27 <sup>th</sup> December	Saturday, Sunday, Monday

**PUNJAB TECHNICAL UNIVERSITY, JALANDHAR  
ORDINANCES & REGULATIONS FOR THE DEGREE OF DOCTOR  
PHILOSOPHY**

**1. ELIGIBILITY**

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

- 1.1 A Masters Degree in a 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 commulative grade point average (CGPA) of 6.75 on a 10 point scale or equivalent as determined by University wherever letter grades are awarded. *or a research fellow*
- 1.2 An Internal candidate shall be defined as a full time member of the faculty of any Department of Punjab Technical University, Jalandhar, or any Department of College or an Institute affiliated to Punjab Technical University, Jalandhar.
- 1.3 An external candidate shall be defined as an employ of a public sector undertaking, a Govt. department, a research/development or a private industry or an educational institution not affiliated to but recognized by Punjab Technical University, Jalandhar. as centers of research. Such candidates shall produce a certificate from the Head of Organisation that he/she would be allowed a spend a minimum of 12 months residency at the place of his registration (Any Institute affiliated with Punjab Technical University, Jalandhar).

**2. REGISTRATION**

- 2.1 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 performa indicating:-

1. Area of Research
2. The title of Research proposal
3. Objectives
4. Technical Programme
5. Work done 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.

- 2.2 The application and synopsis shall be scrutinized by a Research Degree Committee (RDC) which shall be constituted by the University for disciplines of Engineering/Technology and science subjects separately.

*4/12/97*



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 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 conduct and progress being found otherwise.

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

### 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 performa.

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 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 2 supervisors, the teacher belonging to the department where the candidates 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. Without a doctorate degree in the subject, the supervisor should have conducted

*Handwritten signature*  
4/2/99

independent research. This relaxation will be given by the Vice-Chancellor on recommendation of the RDC.

1.4 A faculty member at the level of Professor can supervise 4 Ph. D. students, Assistant Professor 3 and a Lecturer 2 at a time.

1.5 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 is unwilling to continue to guide the candidate or in any other circumstance necessitating such change the RDC will recommend a change of supervisor to the Vice-Chancellor who may allow a 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 and 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 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 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 the faculty concerned not later than six months before the submission of thesis.

4.8 At least two months prior to final submission the candidate shall present his research findings along with the recent work in that area before a committee

1/2/11  
4/2/96



approved by the Vice-Chancellor. The permission to submit the thesis shall be given by the Vice-Chancellor on recommendations of this committee.

### 5. EXAMINATION

- 5.1 After the submission of the thesis by the candidate, the supervisor will submit a list of 6 experts working precisely in the field of research of the candidate in India. Vice-Chancellor shall approve two experts from this list as external examiners, while the supervisor of the student will be the third examiner in a panel of three examiners.
- 5.2 After the thesis is completed as certified by the student and his supervisor(s), the candidate shall submit to the University three copies of the thesis. The thesis will include a certificate in prescribed format duly signed by the candidate and his supervisor(s), that the work submitted in the thesis is the original contribution by the student and that it has not been submitted earlier for any degree. The copies 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 incorporated in the thesis is of sufficient merit for the award of Doctoral degree, in that case they will recommend the award of degree of Doctor of Philosophy. The reports of the examiners will put before the RDC. If the Committee is satisfied that the reports of the examiners are unanimous and definite, it may recommend that the Viva-Voce examination of the candidate be arranged. The candidate will then be required to undergo a Viva-Voce test to be conducted by two examiners 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 shall be required to present the main findings of his thesis and defend the same. The candidate shall be asked to answer all such questions which the external examiners might have raised in their reports.
- 5.3 After satisfactory viva-voce the Committee may recommend that the result of the candidate be declared. If case the report show a divergence of opinion between the examiners, the committee may direct that the reports be exchanged between them, and the examiners will be requested to submit a joint report, if possible. If there be divergence of opinion even after the exchange of reports, a fourth examiner shall be appointed from the panel of examiners already approved, whose decision shall be final.
- 5.4 Provided that if two examiners recommend the revision of the thesis either originally or after exchange of reports, the thesis shall be revised and re-submitted. The revised thesis will be sent to the same external examiners for evaluation. In case two examiners reject a thesis, originally or after the exchange of reports, the thesis will be rejected. The report of the Viva-Voce examinations shall be placed before the RDC which may recommend the declaration of the result.

A printed or type written copy of each accepted thesis shall be placed in the University Library where it will be open to reference/inspection. A summary of not more than 1,000 words shall also be furnished by the candidate, to be published as the University may deem fit.

4/11/11  
22/11/11

# Application Form for approval as a Supervisor for Doctoral Research (Ph.D., degree) (Only Type)

- i) Name .....
- ii) Address .....
- iii) Discipline .....
- iv) Specialization .....

Degree	Year	Subject	University
M.E./M.Tech./M.Sc./ or equivalent			
Ph.D.			

v) 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.

vi) 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 in(Ph.D) the area of .....

RDC  
Chairman .....

Member .....

Member .....

Member .....

Member .....

Vice-Chancellor

*[Handwritten Signature]*  
4/12/17

**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.)**

1. Name of the candidate .....
2. Name of the Guide .....
- (i) Specialization .....
- (ii) If approved by P.T.U. to guide doctoral research .....
3. Name of the Co-Guide .....
- (i) Specialization .....
- (ii) If approved by P.T.U. to guide doctoral research .....

---

**Research work for the Ph.D. degree****Area of Research**  
.....**Title of Thesis**  
.....**Introduction**

*Ala:*  
4/2/99

## Objectives

Work done in India or Abroad

KAC  
5/2/77

38

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

Collaboration with other Universities/Institutes

McLai  
4/2/77

## References:-

Signature of the Candidate

Date .....

## Supervisor(s)

## Guide

(i) Name .....

(ii) Designation .....

.....  
Signature

## Co-Guide

(i) Name .....

(ii) Designation .....

.....  
SignatureH. L. L.  
4/2/99

**Punjab Technical University, Jalandhar**  
**Form for registration to the Degree of Doctor of Philosophy (Ph.D)**

1. Name (in Block Letters) .....
- Date of Birth .....
- Father's Name .....
2. Date of Application .....
3. Present Official Address .....

Present Home Address .....

4. Institution in which employed .....

5. Post held .....

- 5(a) Department of the University/approved centre, where research work will be carried out .....

- 5(b) Collaboration with another Institution(s) .....

**6. Record of M.Tech./M.E./MSc. or equivalent Degree.**

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

7. Area of Proposed Research .....

8. Title of Thesis .....

- 9.(a) Guide (Supervisor)

- (i) Name .....
- (ii) Address .....
- (iii) Qualifications .....
- (iv) Specialization .....

*MLA*  
4/2/99

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/ Shrimati.....in his/her area of research mentioned above.

A. Guide

1. Name .....

2. Designation .....

3. Address .....

4. Telephone No. ....

B. Co-Guide

1. Name .....

2. Designation .....

3. Address .....

4. Telephone No. ....

Signature .....

Signature .....

4/12/99



*R.C. Chauhan*  
BE (Elect.), ME (WRD), Ph.D  
DIRECTOR



(O) 01672-83657 (R) 83657, 83681  
Sant Longowal Institute of Engineering  
& Technology, LONGOWAL-1  
(Established by Govt. of India)  
SLIET/Dir/99/1228  
Dated: 10/2/99

The Registrar  
Punjab Technical University,  
Jalandhar.

Subject:- Relaxation of rules regarding promotion to 5th and 6th semester for 1996 batch of SLIET students.

Ref.No.:- 03.01.32.40 dated 21.01.99

Dear Sir,

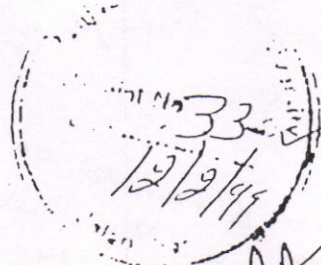
You would kindly recall that the admission of the 1996 batch students of this Institute was delayed consequent to the decision of the Punjab and Haryana High Court and the Vice Chancellor had permitted them to follow a revised schedule of teaching in examination dispensing with their second Industrial Training scheduled for June-July '99 so that they could complete their graduation by October '99 (Ref.No. 03.01.32.22 dated 17.09.98).

As per the proviso of rules and regulations of Punjab Technical University applicable to SLIET, a student is not permitted to study 5th semester courses without passing all subjects of 1st semester. Similarly, 6th semester studies are permissible after passing all papers of 2nd semester. But in the case of the students of 1996 batch and the permission granted by the Vice Chancellor mentioned in Para 1, there would not be any gap between the completion of the studies of 4th semester and commencement of the 5th semester. As such, there will be no result available and if the students are detained according to the relevant clause, they would be made to suffer. It is, therefore, recommended that this clause of detention may be waived off as a special case for these students.

Thanking you,

Yours faithfully,

*R.C. Chauhan*  
R.C. Chauhan 9/2/99



*May approved*  
Approved

To

The Registrar  
Punjab Technical University,  
Jalandhar

Sub: Permission to Appear in External Examinations of  
6th Semester.

Respected Sir,

We, the students of G.Z.S. College of Engg. and  
Technology Bathinda, submit before you, an appeal to allow  
appear in the external examinations of 6th semester.

According to the previous notification the candidate  
is not permitted to appear in the external examinations of 6th  
semester till he clears all the external examinations of 2nd semester.  
But there is a provision for a candidate to appear in the external  
examinations of semester 6th in R.E.C. Jalandhar, S.B.S. college  
of Engg. & Tech. Gurdaspur, G.N.D.U. Amritsar even if the candidate's  
2nd semester is not cleared. All the above mentioned colleges in-  
cluding our college are affiliated with Punjab Technical University  
Jalandhar.

So the relaxation for a candidate to appear in  
external examinations of semester 6th should be given for the  
student of our college also.

Moreover we attended the required classes and cleared  
all the sessionals of 6th semester. Also we have filled the  
examination form for the 6th semester. These factors account for  
a candidate to appear in the external examinations of the same.

Reviewing the above mentioned reasons, we deeply  
request you to look into the matter as we are at a very critical  
stage and please allow us to appear in the external examinations  
of semester 6th.

Yours sincerely,

Students of 6th Semester  
G.Z.S. College of Engg. & Tech.  
Bathinda.

Please consider sympathetically  
Pankaj

Respectfully

Case is recommended on sympathetic grounds  
for the last 6th Semester students  
Punjab University  
H. T. O

### TOTAL SCHEME

SEMESTER	Total Hours of Teaching	Theory per week	Tutorial per week	Practical per week	Credits	Total Hours per semester	Total Hours per semester Theory	Total Hours per semester Tutorial	Total Hours per semester Practical
SEMESTER I	Total (31 Hours per week)	13	6	12	25	496	208	96	192
SEMESTER II	Total (31 Hours per week)	12	3	16	23	496	192	48	256
SEMESTER III	Total (33 Hours per week)	13	6	14	26	528	208	96	224
SEMESTER IV	Total (34 Hours per week)	11	5	18	25	544	176	80	288
SEMESTER V	Total (34 Hours per week)	15	5	14	27	544	240	80	224
SEMESTER VI	Total (36 hours per week)	12	-	24	24	576	192	-	384
	Total of Six Semesters	76	25	98	150	3184	1216	1568	1568
	Average per Semester per week	13	4	16		640	272	96	272
	Project Work in the Final Year ( Included in 6 <sup>th</sup> Sem)				6				
	GRAND TOTAL	76	25	98	150	3184	1216	400	1568

The proposed course curriculum is enclosed herewith.

# FIRST SEMESTER

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT 101	Fundamentals of IT and Office Productivity Tools	3	1	0	4	40	60	100	MS Office 97/2000, Lotus Smart Suit, Corel Suit, WP for Linux
2.	IT 103	Communication Skills	2	1	0	3	30	45	75	English, Punjabi
3.	IY 105	Computer Organization	3	1	0	4	40	60	100	
4.	IT 107	Computer Programming	2	2	0	4	40	60	100	BASIC, MS C, C++
5.	IT 109	Discrete Mathematics	3	1		4	90	60	100	
6.	IT 111	Office Automation Lab			6	3	30	45	75	MS Office 97/2000, Lotus Smart Suit, Corel Suit, WP for Linux
7.	IT 113	Computer Programming Lab			6	3	30	44	75	BASIC, MS C, C++
		Total ( 31 Hours)	13	6	12	25	250	375	625	

Library Consultation 9 Hours



## SECOND SEMESTER

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT 102	Computer System Architecture	3	1	0	4	40	60	100	Intel 8080, 8085, 8086 Kit, Assembly of Pentium Machine
2.	IT 104	Business Data Processing	3			3	30	45	75	COBOL
3.	IT 106	Data Structures & Algorithms	3	1		4	40	60	100	MS C and C++
4.	IT 108	Operating Systems	3	1		4	40	60	100	DOS, Windows 98, Windows NT, windows 2000, SCO Unix, Linux, Solaris, OS/2, X Windows
5.	IT 110	Data Structures & Algorithms Lab			6	3	30	45	75	MS C and C++
6.	IT 112	Operating Systems Lab			6	3	30	45	75	DOS, Windows 98, Windows NT, Windows 2000, SCO Unix, Linux, Solaris, OS/2 X Windows
7.	IT 114	Data processing Lab			4	2	20	30	50	
		<b>Total ( 31 Hours)</b>	<b>12</b>	<b>3</b>	<b>16</b>	<b>23</b>	<b>230</b>	<b>345</b>	<b>575</b>	

Library Consultation 9 Hours

## THIRD SEMESTER

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT 201	Object Oriented Programming	2	2	0	4	40	60	100	MS C++, Visual C++
2.	IT 203	Data Base Management Systems	3	1	0	4	40	60	100	Fox Pro, MS SQL, Oracle, DB2, Sybase, Informix,
3.	IT 205	Data Communication Networks	3	1	0	4	40	60	100	Intel, TCP/IP
4.	IT 207	Knowledge Management	2	1		3	30	45	75	Visual C++, Visual Fox Pro, Visual Basic
5.	IT 209	System Analysis & Design	3	1		4	40	60	100	
6.	IT 209	Object Oriented Programming Lab			8	4	40	60	100	MS C++, Visual C++
7.	IT 211	Data Base Management Systems Lab			6	3	30	45	75	Fox Pro, MS SQL, Oracle, DB2, Sybase, Informix,
		Total (33 Hours)	13	6	14	26	260	390	650	

Library Consultation 7 Hours

## FOURTH SEMESTER

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT 202	Computer Methods in Management	3	1		4	40	60	100	IIS, Windows 2000, MS DNS, DHCP
2.	IT 204	Distributed Computing Technologies	3	1		4	40	60	100	VB, MS SQL Server, MTS, MSMQ, VI, COM/DCOM, CORBA, COM+
3.	IT 206	Advanced Relational Data Base Management Systems	3	1		4	40	60	100	Fox Pro, MS SQL, Oracle, DB2, Sybase, Informix,
4.	IT 208	Java Programming	2	2		4	40	60	100	Java SDK, VA Java, Visual J++
5.	IT 210	Advanced Relational Data Base Management Systems Lab			6	3	30	45	75	Fox Pro, MS SQL, Oracle, DB2, Sybase, Informix,
6.	IT 212	Java Programming Lab			6	3	30	45	75	Java SDK, VA Java, Visual J++
7.	IT 214	Minor Project			6	3	30	45	75	
		<b>Total - (34 Hours)</b>	<b>11</b>	<b>5</b>	<b>18</b>	<b>25</b>				
							250	275	625	

Library Consultation 6 Hours



# FIFTH SEMESTER

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT 301	Management Information Systems (MIS) & Decision Support Systems (DSS)	3	1		4	40	60	100	
2.	IT 303	Internet & Web Technologies	3	1		4	40	60	100	HTML Editors like Hot Doc, MS Front Page, Out look, Eudora, MSIE, MS IIS, MTS, MSS, Visual Interdev, Netscape Communicator, Coral Web Designer, Oracle Internet Technologies
3.	IT 305	E- Business	3	1		4	40	60	100	Internet Security; Public Key, Private Key, SSL, MS Wallet, encryption
4.		Elective-I, Systems Engineering	3	1		4	40	60	100	Windows NT Clustering, Load Balancing
5.		Elective-II, Software Engineering	3	1		4	40	60	100	Solution Development Framework; Design, develop, test & evolve; Version Management,
6.		Elective-I, Systems Engineering Lab			4	2	20	30	50	Windows 2000 Advanced Server, Data center Server, MS SQL Server Enterprise edition
7.		Elective-II, Software Engineering Lab			6	3	30	45	75	Visual Source safe with VB & VC++, Bootcamp for s/w development cycle
8.	IT 307	Internet & Web Technologies Lab			4	2	20	30	50	HTML Editors like Hot Doc, MS Front Page, Out look, Eudora, MSIE, MS IIS, MTS, MSS, Visual Interdev, Netscape Communicator, Coral Web Designer, Oracle Internet Technologies
		<b>Total ( 34 Hours)</b>	<b>15</b>	<b>5</b>	<b>14</b>	<b>27</b>	<b>270</b>	<b>405</b>	<b>675</b>	

Library Consultation 6 Hours

5<sup>th</sup> Semester  
ELECTIVE - I SYSTEMS ENGINEERING

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT 309	Network Operating Systems	3	1		4	40	60	100	Windows NT, SCO Unix, Linux, Solaris, OS/2,
2.	IT 311	Network Administration & Management	3	1		4	40	60	100	SMS, CA TNG
3.	IT 313	Enterprise Management	3	1		4	40	60	100	
4.	IT 315	Advance Internet Technologies	3	1		4	40	60	100	HTML Editors like Hot Doc, MS Front Page, Out look, Eudora, MSIE, MS IIS, MTS, MSS, Visual Interdev, Netscape Communicator, Coral Web Designer, Oracle Internet Technologies
5.	IT 317	Multimedia Systems	3	1		4	40	60	100	Games development on Windows 98
6.	IT 319	Expert Systems & Artificial Intelligence	3	1		4	40	60	100	
7.	IT 321	Advanced Computer Architecture	3	1		4	40	60	100	
8.	IT 323	Distributed Operating Systems	3	1		4	40	60	100	
9.	IT 325	Project Management Techniques	3	1		4	40	60	100	MS Project 98
10.	IT 327	Messaging & GroupWare Technologies	3	1		4	40	60	100	MS Exchange, Outlook, Domino Server with Lotus Notes, GroupWise

5<sup>th</sup> Semester  
ELECTIVE –I SYSTEMS ENGINEERING

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT 329	Network Operating Systems Lab			4	2	20	30	50	Windows NT, SCO Unix, Linux, Solaris, OS/2.
2.	IT 331	Network Administration & Management Lab			4	2	20	30	50	SMS, CA TNG
3.	IT 333	Enterprise Management Lab			4	2	20	30	50	
4.	IT 335	Advance Internet Technologies Lab			4	2	20	30	50	HTML Editors like Hot Doc, MS Front Page, Out look, Eudora, MSIE, MS IIS, MTS, MSS, Visual Interdev, Netscape Communicator, Coral Web Designer, Oracle Internet Technologies
5.	IT 337	Multimedia Systems lab			4	2	20	30	50	Games development on Windows 98
6.	IT 339	Expert Systems & Artificial Intelligence Lab			4	2	20	30	50	
7.	IT 341	Advanced Computer Architecture Lab			4	2	20	30	50	
8.	IT 343	Distributed Operating Systems Lab			4	2	20	30	50	
9.	IT 345	Project Management Techniques Lab			4	2	20	30	50	MS Project 98
10.	IT 347	Messaging & GroupWare Technologies Lab			4	2	20	30	50	MS Exchange, Outlook, Domino Server with Lotus Notes, GroupWise

FIFTH SEMESTER

ELECTIVE –II SOFTWARE ENGINEERING

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT-349	CASE Tools	3	1	-	4	40	60	100	Developer 2000
2.	IT-351	Distributed Data Base Management Systems	3	1	-	4	40	60	100	SOL Server 7, DB2, Informix, MS Access as client
3.	IT-353	Software Engineering	3	1	-	4	-	-	-	Solution Development Framework; Design, develop, test & evolve; Version Management, Visual Source safe with VB & VC++, Bootcamp for s/w development cycle
4.	IT-355	Software Testing	3	1	-	4	40	60	100	Visual Source safe with VB & VC++
5.	IT-357	Object Technologies	3	1	-	4	40	60	100	VB, VC++, Java.
6.	IT-359	Language Processors	3	1	-	4	40	60	100	Visual Studio
7.	IT-361	Data Warehousing & Data Mining / Business Intelligence	3	1	-	4	40	60	100	SOL Server 7, DB2, Informix
8.	IT-363	Programming Utilities & Scripting Languages	3	1	-	4	40	60	100	Java Script, Pearl, CGI, VB Script,
9.	IT-365	System Simulation & Modeling	3	1	-	4	40	60	100	

FIFTH SEMESTER

ELECTIVE -II SOFTWARE ENGINEERING

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT-367	CASE Tools Lab			6	3	30	45	75	
2.	IT-369	Distributed Data Base Management Systems Lab			6	3	30	45	75	
3.	IT-371	Software Engineering Lab			6	3	30	45	75	
4.	IT-373	Software Testing Lab			6	3	30	45	75	
5.	IT-375	Object Technologies Lab			6	3	30	45	75	
6.	IT-377	Language Processors Lab			6	3	30	45	75	
7.	IT-379	Data Warehousing & Data Mining / Business Intelligence Lab			6	3	30	45	75	
8.	IT-381	Programming Utilities & Scripting Languages Lab			6	3	30	45	75	
9.	IT-383	System Simulation & Modeling Lab			6	3	30	45	75	

# SIXTH SEMESTER

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT-302	Industry Sponsored Electives I – Systems Engineering	4	0		4	40	60	100	MS Exchange Server, SMS, Proxy, Site Server with E-Commerce, Office 2000 development, Data warehousing (OLAP).
2.	IT-304	Industry Sponsored Electives II – Software Engineering	4	0		4	40	60	100	
3.	IT-306	Industry Sponsored Electives III- Information Technology Services	4	0		4	40	60	100	
4.	IT-308	Industry Sponsored Electives I – Systems Engineering Lab			4	2	20	30	50	
5.	IT-310	Industry Sponsored Electives II – Software Engineering Lab			4	2	20	30	50	
6.	IT-312	Industry Sponsored Electives III- Information Technology Services Lab			4	2	20	30	50	
		<b>Total (24 hours)</b>	<b>12</b>	<b>0</b>	<b>12</b>	<b>18</b>				
7.	IT-314	Industrial Project followed by Seminar			12	6	60	90	150	
		<b>Total (36 Hours)</b>	<b>12</b>	<b>0</b>	<b>24</b>	<b>24</b>	<b>240</b>	<b>360</b>	<b>600</b>	

Library Consultation 4 Hours



## ELECTIVE -III INFORMATION TECHNOLOGY SERVICES

Sr. No.	Subject Code	Subject Title	Lectures hours per week	Tutorial hours per week	Lab hours per week	Credits	Internal Assessment	External Assessment	Total Marks	Suggested Platforms
1.	IT-316	E- Commerce/ Electronic Data Interchange	4	0	0	4	40	60	100	Site Server with E-Commerce, Microsoft Commercial Internet Server
2.	IT-318	ERP Tools	4	0	0	4	40	60	100	SAP, Bann, People Soft, Marshal-Ramco
3.	IT-320	Tele-matics	4	-	-	4	40	60	100	Telephone API
4.	IT-322	CAD / CAM	4	-	-	4	40	60	100	Auto CAD, Roltas, Microstation,
5.	IT-324	Desk Top & Web Publishing	4	-	-	4	40	60	100	Page Maker, MS Publisher, Corel Graphic Suit,
6.	IT-326	Multimedia & Graphic Tools	4	-	-	4	40	60	100	Multimedia Director, Adobe Premier Illustrator,
7.	IT-328	Interactive Computer Graphics	4	-	-	4	40	60	100	
8.	IT-330	Hand held devices	4	-	-	4	40	60	100	Windows CE
9.	IT-332	E- Commerce/ Electronic Data Interchange Lab	-	-	4	2	20	30	50	
10.	IT-334	ERP Tools Lab	-	-	4	2	20	30	50	
11.	IT-336	Tele-matics Lab	-	-	4	2	20	30	50	
12.	IT-338	CAD / CAM Lab	-	-	4	2	20	30	50	
13.	IT-340	Desk Top & Web Publishing Lab	-	-	4	2	20	30	50	
14.	IT-342	Multimedia & Graphic Tools Lab	-	-	4	2	20	30	50	
15.	IT-344	Interactive Computer Graphics Lab	-	-	4	2	20	30	50	

# 54 6<sup>th</sup> n & V S Proposed Academic Calendar for 1998-99 session

1<sup>st</sup> semester/3<sup>rd</sup> semester

	Session commences	3-10-98
	Teaching	3-10-98 to 24-12-98 ( 12 Weeks )
	Break	25-12-98 to 3-1-99 ( 1 Week )
	Teaching	4-1-99 to 8-1-99 ( 1 Week )
	Preparatory Holidays	9-1-99 to 17-1-99 ( 1 Week )
	Examinations ( Theory ) Examinations ( Practical)	18-1-99 to 6-2-99 ( 3 Weeks ) 7-2-99 to 12-2-99 ( 1 Week )
7.	Break	13-2-99 to 21-2-99 ( 1 Week )
8.	Registration for 2 <sup>nd</sup> / 4 <sup>th</sup> semester	22-2-99

The College Principals would ensure that the contact hours of teaching are fully met to maintain the quality and quantity of instructions imparted to students. This may be done by taking classes in extra periods or by engaging classes on Saturday / Sunday as may be convenient both to teachers and students.

2<sup>nd</sup> Semester/ 4<sup>th</sup> Semester

1.	Session commences	22-2-99
2.	Teaching	22-2-99 to 28-5-99 ( 14 Weeks )
3.	Preparatory Holidays	29-5-99 to 6-6-99 ( 1 Week )
4.	Examinations ( Theory ) Examinations ( Practical)	7-6-99 to 26-6-99 7-6-100 ( 3 Weeks ) 27-6-99 to 1-7-99 ( 1 Week )
5.	Supplementary examination	2-7-99 to 17-7-99 ( 2 Weeks )
6.	Summer Break	1-7-99 to 8-8-99 ( 6 Weeks )
7.	Registration for odd semester	9-8-99



Proceedings of the 5<sup>th</sup> adjourned meeting of Academic Council held on 6<sup>th</sup> July, 1999 in the Committee Room of Directorate of Technical Education & Industrial Training, Punjab Chandigarh under the Chairmanship of Sh N S Rattan, IAS, Principal Secretary TE & IT Pb and Vice-Chancellor, PTU.

The following were present:-

Sh N S Rattan, IAS                      - Chairman  
PS TE&IT Pb. and  
Vice-Chancellor, PTU

Dr P S Kalsi  
Dean Colleges PTU

Dr R S Khandpur  
Director  
CEDT Mohali

Dr H S Sagar  
Principal  
Dr B R Ambedkar  
REC Jalandhar

Dr D S Bedi  
Principal  
BBS Engg College  
Fatehgarh Sahib

Dr J K Sharma  
Principal  
BCET Gurdaspur

Dr R C Bahl  
Principal  
SBS CET Ferozepur

Dr D S Hira  
Dean Academic  
SLIET Longowal (Sangrur)

Dr R P Singh,  
Principal  
GNDEC Ludhiana

Dr Narinder Singh  
Principal  
GZS CET Bathinda

**Col (Retd.) S P Sharma**  
**Principal**  
**SUS CET Tangori (Mohali)**

**Dr R S Seehra**  
**Principal**  
**IET, Ropar**

**Dr M S Grewal**  
**Principal**  
**Sri Sukhmani Instt of Engg & Technology**  
**Derabassi**

**S Avtar Singh**  
**Chairman**  
**Sri Sukhmani Instt of Engg & Technology**  
**Derabassi**

**Col (Retd) P S Bhatia**  
**Officer on Spécial Duty**  
**IIT Pojewal**

**Dr S C Kapur**  
**Principal**  
**GTB Instt of Engg & Technology**  
**Chhapianwali (Malout)**

**Dr Ashwini Kumar**  
**Adesh Instt of Engg & Technology**  
**Faridkot**

**Prof Vipin Dewan**  
**Director**  
**CMRT Mohali**

**Dr R C Verma**  
**Director**  
**Gian Jyoti Instt oif Mgt & Technology**  
**Mohali**

**Dr K P Janardhan**  
**Director**  
**PIMT Mandi Gobindgarh**

**Sh J S Dhillon**  
Mata Gujri Instt of Mgt & Higher Education  
Fatehgarh Sahib

**Dr Gurcharan Singh**  
Director  
LLRM Instt of Mgt & Technology  
Dhudike (Moga)

**Sh G S Dua**  
Incharge  
GGN Instt of Mgt & Technology  
Ludhiana

**Dr A J Singh**  
Director  
GTB National Instt of Mgt & Technology  
Dakha(Ludhiana)

**Sh K K Dhir**  
Registrar  
PTU

The meeting of the Academic Council was held on 11<sup>th</sup> June, 1999. It was adjourned to 6<sup>th</sup> July, 1999 because the agenda could not be completed. The adjourned meeting was held on 6<sup>th</sup> July, 1999. The following decisions were taken in these two meetings:-

**5.1/ Item No 1 : Proceedings of 4<sup>th</sup> meeting of the Academic Council held on 5.10.99.**

The Academic Council confirmed the proceedings of the Academic Council held on 5.10.98 making following amendments in Item No. 3:-

**" The Academic Council approved the proposal to start B.Tech. course in Instrumentation & Control Engineering at GZS CET Bathinda with an intake of 40 students"**

- Item No. 2: Starting of Management Courses in Engineering Institutions  
 Item No. 3: Starting of Integrated Courses of Engg & Management

The above two issues were discussed jointly. There were divergent views about starting of Integrated Course of Engineering & Management and also regarding Introduction of Management course in Engineering Institutions. It was decided that the matter may be given more thinking by the Institutions and they may send their views in writing. It may again be brought before the Academic Council for discussion in one of the next meetings.

- Item No.4: Introduction of a paper on the History, Culture & Polity of India in Engineering & MBA/MCA Institutions

There was unanimity of opinion that a course on History, Culture & Polity of India in Engineering & MBA/MCA Institutions be introduced. However, the Chairman proposed that the members should give more thinking to the proposal and may suggest how it should be integrated and designed keeping in view the present course curriculum.

- Item No.5: Rules & Regulations of Moderation of sessional awards

The following committee was constituted to propose regulations for moderation of sessional awards in Management courses:-

Dr P S Kalsi  
 Prof Vipin Dewan  
 Dr K P Janardhan  
 Mrs Anup Bansal

It was further decided that Registrar will collect information regarding rules and regulations in the case of technical subjects from the following universities:-

- a) University of Bombay
- b) University of Calcutta
- c) University of Madras
- d) University of Delhi
- e) Panjab University
- f) Kurukshetra University
- g) Punjabi University

- h) Re-evaluation of Answer Books

It was decided that re-evaluation fee may be enhanced to Rs. 500/- each paper. The Academic Council also recommended that in case there is variation of more than 10 percent between the 1st evaluation and the revised evaluation or the

character of the result changes to the advantage of the student as a result of re-evaluation, 75 percent of the fee may be refunded to the student.

**5.7/ Item No.7: Regarding Holidays in the Institutions affiliated to PTU**

It was decided that there is a need to reduce the number of holidays in institutions affiliated to PTU so that number of teaching days may be increased and a minimum of 180 days teaching takes place in every institution. It was decided to recommend that the University may observe only the following holidays:-

Baisakhi  
Dewali  
15<sup>th</sup> August  
26<sup>th</sup> January  
2<sup>nd</sup> October

In addition to this, there may be two four restricted holidays which may be decided by each Institution as per the local needs. Each employee will be allowed four restricted holidays which he/she may avail depending upon his/her choice and decision.

It was decided to forward this proposal to the State Government for information and approval. It was also decided that the University will take no note of any other holidays declared by the State Govt./District Administration, except when there is a State level mourning or Statutory holiday like polling of votes etc.

**5.8/ Item No.8: Rules & Regulations for Ph.D degrees**

The Academic Council approved the proposed regulations with the following modifications:-

**1. Eligibility :**

There will be no sub-headings in this clause.

**2. Registration:**

Clause 2.2 is to be replaced as under:-

"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.

**5. Examination:**

- After the submission of the thesis by the candidate, the supervisor will submit a list of six experts (out of which three will be from abroad).....  
The Vice-Chancellor shall approve two experts submitted through RDC out of which one will be from abroad.

**S-9/ Item No.9: Admission of J&K students**

The Academic Council decided that the Principal, REC Jalandhar will take the decision at his own level.

**S-10/ Item No.10: Shortage of Attendance**

It was decided to have a detailed debate on various issues relating to academic reforms. The members of the Academic Council will send their suggestions within 15 days based on which the agenda item will be brought before the Academic Council.

**S-11/ Item No.11: Relaxation of rules regarding promotion to 5<sup>th</sup> & 6<sup>th</sup> Semester for 1996 batch students of SLIET Longowal**

The Academic Council ratified the decision taken by the Vice-Chancellor allowing promotion of students to the 5<sup>th</sup> & 6<sup>th</sup> semesters without passing first and second semester respectively in case of students of pertaining to 1996 batch at SLIET Longowal.

**S-12/ Item No.12: Permission to appear in External Examination of 6<sup>th</sup> semester**

The Academic Council agreed in principle to the proposal for allowing the students of GZS CET Bathinda and BBS Engg College, Fatehgarh Sahib to sit in 6<sup>th</sup> semester without clearing the 2<sup>nd</sup> semester so that their careers are not affected. However, it was decided that the approval may be conveyed only if Principal, GZS CET Bathinda recommends the proposal.

**S-13/ Item No.13: Bridge course being taught to Diploma students (admitted under LEET) in BBS Engg College., Fatehgarh Sahib and GZS CET Bathinda**

The Academic Council approved the proposal for dis-continuing the Bridge Course for students admitted under LEET scheme. The decision shall be applicable to the students admitted in 1995 and thereafter.



5.14 / **Item No.14: Nomenclature of B.Tech Degree**

The Academic Council decided that nomenclature of the disciplines may be amended as under:-

Chemical Engg Chemical & Bio-Engg	Chemical Engg
Civil Engg. Civil Engg (Structural Engg & Construction Management)	Civil Engg
Computer Engg Computer Science Computer Science & Engg	Computer Science & Engg.
Electrical Engg	Electrical Engg.
Electronics Engg Electronics & Communication Engg. Electronics & Electrical Communication	Electronics & Communication Engg.
Electronics (Inst. & Control Engg.) Electronics & Instrumentation Engg. Instrumentation & Control Engg.	Electronics & Instrumentation Engg.
Mech Engg Mech Engg (Mech. M/c Design & Automation)	Mech Engg.

The proposal shall be forwarded to the AICTE for necessary approval.

5.15 / **Item No. 15: Finalization of syllabi for Bachelor in Information Technology (BIT)**

It was decided to defer this item. The members would send their observations within 15 days and then the item shall again be brought before the Academic Council.

5.16 / **Item No.16: Academic Calendar for the year 1999-2000**

It was decided that the session would commence on 9<sup>th</sup> August, 1999. However, the detailed academic calendar shall be proposed by the following committee:-