ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ

PTU

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ

AGENDA

39th Academic Council Meeting
(13th March, 2012)

"propelling Punjab to a Prosperous Knowledge Society"

PUNJAB TECHNICAL UNIVERSITY
JALANDHAR-KAPURTHALA HIGHWAY

AGENDA POINTS FOR 39TH ACADEMIC COUNCIL MEETING SCHEDULED TO BE HELD ON 13TH MARCH, 2012 AT 11:00 AM IN CONFERENCE ROOM, PUNJAB TECHNICAL UNIVERSITY, JALANDHAR – KAPURTHALA HIGHWAY

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AGENDA FOR 39TH ACADEMIC COUNCIL MEETING SCHEDULED TO BE HELD ON 13TH MARCH, 2012 AT 11:00 AM IN CONFERENCE ROOM, PUNJAB TECHNICAL UNIVERSITY, JALANDHAR – KAPURTHALA HIGHWAY

39.01 To confirm the minutes of 38th Academic Council meeting held on November 8th, 2011

Minutes of 38th Academic Council held on 8th November, 2011 were circulated to all members and is enclosed at Annexure – I. No comments were received.

The item is placed before the Academic Council for its confirmation

39.2 Action Taken Report (ATR) of the 38th Academic Council Meeting

The action taken report on the 38th meeting of the Academic council is enclosed as **Annexure – II.**

The item is placed before the Academic Council for information.

39.03 To inform regarding Admissions- 2012

An Admission Committee was constituted to decide the strategy for admissions during session 2012. Two meeting of the committee have been held. The minutes of the meeting are placed at **Annexure – III.**

In order to get more admission from foreign countries, in the initial phase , University is visit to Nepal, Bhutan & America.

The item is placed before the Council for information.

39.04 To start B.Tech Integrated programe in PITs

The Government of Punjab has transferred the land and buildings at following places to PTU to start PITs in the state of Punjab and it has been proposed to start courses from session 2012-13

1. Kapurthala
2. Mansa
3. Bathinda
4. Dina Nagar
5. Batala
6. Rajpura
7. Sultanpur
8. Khuni Majra
9. Moga
10. Nandgarh

11. Barnala
12. Amritsar
13. Bhikiwind
14. Hoshiarpur
15. Sikhwala

The item is placed for the information of the council.

39.05 Course structure and regulations for PIT Mansa

The admissions to the PIT Mansa were made last year with the approval from the competent authority to the six year B. Tech. integrated programme. The PIT is started working in the transit campus at Nehru Memorial College Mansa. The courses designed to start at this PIT are Six year Integrated B. Tech. and Five year Integrated BBA/B. Com Professional and B. Sc. Medical etc. The detailed course structure along with fee structure and other regulations are placed at **Annexure – IV**. In the first year of six year B. Tech. Integrated programme the 30% seats are reserved for the rural weaker section.

Item is placed before the council for ratification.

39.06 Submission of dues for the sessions 2012.

The academic fee deposit schedule and dues for session 2012-13 have been uploaded on the website. All colleges must comply with the same.

The matter is placed before the Council for information.

39.07 Academic autonomy for GZSCET, Campus

The Giani Zail Singh College of Engineering & Technology, Bathinda (Now PTU GZS Campus Bathinda) has been selected for Sub Component 1.1: Strengthening Institutions to improve Learning Outcomes and employability of Graduates (Modernization and Strengthening of Laboratories for existing UG) under the Technical Education Quality Improvement Program (TEQIP-II) of the Government of India. For the above purpose autonomous Institution status is required for the Campus. Autonomous Institutions under a University will thus be able to exercise full academic autonomy except for the award of degrees, which will continue to be conferred by the University. The Academic autonomy will also cover the autonomy for examination which is the vision of the Hon'ble Vice-Chancellor.

All the Examination work including conduct and evaluation will internal and performed by the GZS Campus Bathinda at its own. The finally prepared result will be forwarded by the campus to the PTU for notification and certification.

The matter is placed before the council for approval.

39.08   Formation of New Faculties

A committee was constituted to discuss the various faculties. The committee has recommended formation of revised and new faculties as under :

1. Faculty of Electrical, Electronics and Allied Engineering
2. Faculty of Mechanical & Allied Engineering
3. Faculty of Civil & Environment Engineering
4. Faculty of Textile & Fashion Technology
5. Faculty of Chemical & Biotechnology
6. Faculty of Computer Science, Engineering & Allied
7. Faculty of Pharmaceutical Sciences and Allied
8. Faculty of Business & Services Management
9. Faculty of Applied Sciences
10. Faculty of Life Sciences
11. Faculty of Food Science and Technology
12. Faculty of Planning & Architecture
13. Faculty of Languages
14. Faculty of Applied Arts & Social Sciences
15. Faculty of Law

Dean (Faculties) shall be appointed accordingly.

Item is placed before the Council for approval.

39.09   New courses and curriculum – Regular.

Different Colleges have applied for starting following new courses

(a) AICTE
1. B. Tech. (Automative Technology)
2. B. Tech. (Computer Networks)
3. M. Arch.

(b) Non-AICTE

1. Master in Mass Communication and Media Management
2. Master in Education and Counselling Management
3. Master of Science (Hotel Management & Catering Technology)
4. Bachelor in Mobile Computing and Internet
5. Bachelor in Rural Development and Management
6. Bachelor in Infrastructure and Real Estate Management
7. Bachelor in Family Business Management.
8. Post-graduate Diploma in Computer Applications
9. Post-graduate Diploma in Clinical Research
10. Post-graduate Diploma in Regulatory Affairs
11. Post-graduate Diploma in Pharmaceutical Packing
12. Post-graduate Diploma in cosmetology

13. Post-graduate Diploma in Pharm. Business Administration
14. Post-graduate Diploma in Pharm. Marketing.

If approved by the Council the syllabi shall be prepared by consulting the Board of study of individual course.

The item is placed before the Council for approval.

39.10 Academic Audit of 25% Affiliated colleges

The academic audit of 25% colleges in the second phase shall also be carried out during session 2012-13. The process of academic audit shall start from August, 2012 and the same will be completed upto 31st December 2012.

The matter is placed before the Council for information.

39.11 Award of Ph.D.

On the recommendations of the RDC the following candidates have completed the requirements for award of Ph.D degree

S N	Registration No.	Name	F Name	College/Insti	Specializati on	Title of Thesis
1	12.52.09	Kunal Nepali	Sh. Bal Krishan Nepali	ISF, Moga	Pharmacy	a) Structural Modification of Vasicine, its analogues and total synthesis of some novel N-Heterocycles for bioactive molecules. b) Chemical Investigation of Piper Attenuatum
2	12.13.06,	Saahil Alias Harish Arora	Sh. Sant Lal Arora	ISF, Moga	Pharmacy	Formulation and Evaluation of Gastro retentive Dosage form of some drugs with special reference to antiulcer agents / antibiotics
3	03.03.01	T.K.Roy	Sh. P.N.Roy	NIT Jalandhar	Chemical	Numerical Predication of Oil Dispersion in the Coastal & Ocean Region
4	12.10.06	Arun Kumar	Sh. Virander Kaura	University Institute of Pharmacy, Faridkot	Pharmacy	Syntheisis and Biological Evaluation of Novel Heterocyclic Analogues
5	17.11.09	Dalvinder Singh Dhaliwal	Sh. Gurcharan Singh Dhaliwal	RIMT, Mand-igobidgarh	IT	Towards Developing Innovative and Efficient Approaches for Effectual Data Mining

The matter is placed before the Academic Council for recommendation to the BOG.

39.12 Ph.D. Registrations and course allotment.

The registrations have been made for the Ph. D. this year and the course work has also been allocated. The information is enclosed at **Annexure -V**.

The matter is placed before the Council for information.

39.13 The conduct of test and interviews for Ph. D. admissions

The enrollment test for the new admissions to the Ph. D. has been conducted and the interviews for the successful candidates have also been conducted. The list of the eligible students have been uploaded on the University website. The students can make their enrolment for the Ph. D. within two years of the declaration of the result.

Item is placed before the Council for information.

39.14 Implementation of Exam Reforms

The meeting of the examination reforms committee has been held and the recommendations of the committee are placed at **Annexure –VI**.

The item is placed before the Council for information.

39.15 Status of NKN connectivity and PSTEN

(a) PSTEN

The Government of Punjab has started a project : PSTEN (Punjab State Technical Education Network). In this. all the technical Institutions viz. ITIs, Polytechnics, Engineering Colleges and Universities shall be interconnected by networking to share the technical experience and knowledge. Through this networking monitoring, information exchange Programme, Video-conferencing etc. shall be shared with other technical Institutions / Universities.

(b) NKN

Under National Knowledge Network NKN project all the colleges of PTU shall be interconnected through BSNL (VPN over Broad Band)

Mr. Sunil Kumar, Deputy Registrar (Computer Cell) shall be the Nodal Officer of PTU for both the Projects.

The item is placed before the Council for information.

39.16 Web based online application system (ERP system)

Punjab Technical University is in process of starting e-based system in the various department of the University and later on in the colleges. The various applications of the system is at **Annexure – VII.**

The item is placed before the Council for information.

39.17 Academics MoU's with different Institutions

The University has signed MoU with following Universities / Organizations / Institutions

Sl.No.	Universities / Organizations / Institutions	Purpose
1.	National Institute of Technical Teacher's Training & Research (NITTTR) Chandigarh	Knowledge and skill upgradation.
2.	Guru Kashi University, Talwandi Sabo	Collaborative academic research & faculty development programme.
3.	The Times Group, Chandigarh	Bio-monthly in house newsletter
4.	Indian Institute of Tourism and Travel Management, Gwalior	Collaborative academic & research programme.

Copies of the MoUs are placed at **Annexure –VIII.**

The item is placed before the Council for information.

39.18 Start of new courses at PTU GZS Campus Bathinda

Chairman, Academic Council approved starting of following courses at PTU GZS Campus Bathinda :

Sl.No.	Name of Course	Recommended intake
1.	MBA (Specialization in Finance, Marketing and HRM)	60
2.	MCA	60
3.	M.Sc. (Physics)	60
4.	M.Sc. (Mathematics),	60
5.	M.Sc. (Chemistry)	60
6.	M. Tech. – Electronics and Communication Engg.	25
7.	M. Tech. – Computer Science & Engineering	25
8.	M. Tech. – Mechanical Engineering	25

Item is placed before the Council for ratification.

39.19 To start M. Tech. Geo-informatics in collaboration with Punjab Remote Sensing Centre, Ludhiana

PTU is starting M. Tech. (Geo-informatics) in collaboration with Remote Sensing Centre, Ludhiana from session 2012-13 PRSC, Ludhiana will act as Regional Centre of PTU.

The item is placed before the Council for information.

39.20: **To start a new course "Pharma-Food and Nutraceutical Biotechnology" in the PIT, Kapurthala**

To promote inter-disciplinary research in Punjab and to strengthen it across the nation, PTU has proposed the following programmes

- M.Tech program in Pharma-Food and Nutraceutical Biotechnology (2 years)
- Integrated Ph.D. program in Pharma-Food and Nutraceutical Biotechnology (2+3 years)

The course is proposed to be designed by keeping in mind the increasing trends of using natural based remedies and life style modifications. The leading pharmaceutical, biotechnology and food industries have a huge scarcity of trained professionals to carry out research and development in this upcoming field.

The item is placed before the council for approval.

39.21: **To approve Academic Calendar for session 2012-13.**

The proposed academic Calendar for session 2012-13 is placed at **Annexure – IX**.

The item is placed before the Council for approval.

39.22 **To award degree of Bachelor in Building Science (BBS).**

It was proposed that those students who are not able to continue their B. Arch. degree upto 10th semester (5th Year) can get a degree of Bachelor in Building Science (BBS) after the successful completion of 6 semesters.

The item is placed before the Council for suggestions & approval

39.23 **To form Internal Quality Assurance Cell as per guidelines of the UGC**

As per the guidelines of the UGC, Punjab Technical University has proposed to establish the Internal Quality assurance Cell (IQAC) as a pre accreditation quality sustenance activity.

The IQAC is meant for planning, guiding and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities of the HEIs. The IQAC may channelise and systematize the efforts and measures of an institution towards academic excellence.

The detailed proposal is placed at **Annexure –X.**

The item is placed before the Council for approval.

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39.24 Faculty Exchange and student exchange program with San Jose University

A meeting of official of the San Jose University, America was held on 2nd March, 2012 where in it was decided to explore the faculty exchange programme. Dual degree / integrated programme were also explored, keeping in view of the need based students concession in the fee shall also be allowed, to develop the faculty of PTU special training may be conducted at SISU.

The minutes of the meeting are enclosed at **Annexure – XI.**

The item is placed before the council for information.

39.25 Detail regarding International students admissions in 2011-12

The details regarding International students admitted during session 2011-12 is placed at **Annexure – XII.**

The item is placed before the Council for information.

39.26 Course-wise admission detail for 2010-11 and 2011-12

The course wise details of admission for session 2010-11 and 2011-12 is placed at **Annexure – XIII.**

The item is placed before the Council for information

39.27. Student free ship scheme

Punjab Technical University (PTU) is seriously thinking about the students of weaker section of society. PTU has taken a step in this direction and Rs. 2.5 Crore sanctioned for the students of weaker section of Society.

The students belonging to following categories can apply for PTU-Free Ship Scheme for financial assistance:

(i)   **Parent less students:** eligible for financial assistance for full free ship of fee, if the total family income of the student is less than 2.50 lakh from all sources.

(ii)   **Father less students:** eligible for financial assistance for half free ship, if the total family income of the student is less than 2.50 lakh from all sources. In case the income of concerned is less than 1.20 lakh then he/she shall be eligible for financial assistance for full free ship.

(iii)   **Low Income Group students:** eligible for financial assistance for half free ship, if the total family income is less than 2.50 lakh from all sources. In case the total family income is less than 1.20 lakh then he/she shall be eligible for financial assistance for full free ship.

The status of PTU free ship scheme is as under :

Sr. No.	Mode of Education	Granted financial assistance
1	Regular Colleges	274
2	Directorate of Distance Education	2250

The item is placed before the Council for information

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39.28 Online Journals

in an endeavour to provide the e journals at discounted prices to all its affiliated colleges, the University has able to get discount on subscription of these journals.

The university itself offered 10% discount as a grant to all the affiliated colleges so that more no of colleges may join it and would be able to provide the better research facilities to its students and faculty. The subscription cost of these journals through DELNET was Rs 52,500 + 7,500 (Delnet Subscription charges) i.e total subscription cost was Rs 60,000 for per Engg package. Whereas by joining the PTU consortium the colleges have got this package in just Rs 39,375. i.e in actual at 35 % discount in total. It is worthy to mention here that none of the colleges throughout the India has able to get that much discount on any of these e journals. Appreciating the sincere and candid dealings of the university authorities the publisher has offered PTU the reimbursement of the 15 % discount amount to those PTU colleges who somehow missed to join the PTU consortium but has subscribed these e journals through DELNET. Those who wish to avail this reimbursement may send their application to the Dean (Academics).
The details are placed at **Annexure – XIV.**

The item is placed before the Council for information.

39.29 Item as received from different colleges.

Agenda items as received from different colleges are placed at **Annexure –XV.**

The item is placed before the Council for discussion.

39.30 Any other matter item with the permission of the Chair

PUNJAB TECHNICAL UNIVERSITY

Minutes of 38th Academic Council Meeting

8th November, 2011

Minutes of 38th Academic Council meeting held on 08th November, 2011 at 10:30 am in Conference Room of Punjab Technical University.

The following members attended the meeting:

Sr. No.	Name of the members	Institution	Designation
1.	Dr. Rajneesh Arora	Vice-Chancellor	Chairman
2.	Dr. H.S. Bains	Registrar	Member Secretary
3.	Dr. Buta Singh	Dean (Academics)	Member
4.	Dr. Nachhattar Singh	Dean (P & D)	Member
5.	Dr. A.P. Singh	Dean (SA)	Member
6.	Dr. Balkar Singh	Controller of Examinations (Ofg.)	Member
7.	Sh. S.K. Mishra	Finance Officers (Ofg.)	Member
8.	Dr. J.S. Sohal	Dean, Faculty of Engineering (Electrical & Allied)	Member
9.	Dr. S. S. Bais	Dean, Faculty of Architecture	Member
10.	Dr. Harsh Sadawarti	Dean, Faculty of Computer Science & Applications	Member
11.	Dr. V.K. Kapoor	Dean, Faculty of Pharmacy & Allied &	Member
12.	Dr. K.N.S Kang,	Dean, Faculty of Management &	Member
13.	Dr. M.S. Saini	Dean, Faculty of Chemical Engineering & Biotechnology	Member
14.	Dr. Gursharan Singh	Deptt. of Applied Sciences, GZSCET, Bathinda	Member
15.	Dr. Dayal Chand	Principal, Beant College of Engineering & Technology, Gurdaspur	Member
16.	Dr. J.S. Hundal	Principal, Giani Zail Singh College of Engineering & Tech., Bathinda	Member
17.	Dr. S.S. Bhatti	Principal, Adesh Institute of Engineering & Technology, Faridkot Sadiq, Faridkot	Member
18.	Prof. R.S.R. Murthy	Principal, Indo Soviet Pharmacy College, Moga	Member
19.	Mr. Karanvir	Principal, Indo Global College of Architecture, Abhipur	Member
20.	Er. Inderjeet Singh	Principal, Punjab Institute of Mgt. & Tech., Mandi Gobindgarh	Member
21.	Dr. Rajneesh Bagga	Principal, Apeejay Institute of Management, Jalandhar	Member
22.	Dr. Nirmal Singh	Principal, Malout Institute of Mgt. & Information Technology, Malout	Member
23.	Dr. V.K. Aggarwal	Principal, Gian Jyoti Institute of Mgt. & Technology, Mohali	Member
24.	Dr. Manjit K. Dhillon	Principal, Lala Lajpat Rai Memorial Institute of Management & Tech., Dhudike (Moga)	Member
25.	Dr. H.S. Sangha	Principal, Guru Nanak Institute of Management & Technology, Ludhiana	Member
26.	Prof. K.K. Ghai,	Ex.Prof, DAV, Jalandhar	Member
27.	Dr. Rohit Mehra	Nominee of Director, National Institute of Technology, Jalandhar	Member
28.	Mrs. Kamna Raj Aggarwal	President, CII, Punjab	Member
29.	Dr. M.Deewan	DEP Association	Special invitee
30.	Dr. D.S. Sekhon	DEP Association	Special invitee
31.	Mrs. Anuradha Chopra	Sharda University	Special invitee
32.	Mr. A.S. Kalsi	NIC, Jalandhar	Special invitee

The following members could not attend meeting

Sr. No.	Name	Institution	Designation
1	Dr. M.S. Grewal	Dean, Faculty of Engineering (Mechanical & Allied) & Principal, Baba Banda Singh Bahadur Engg. College, Fatehgarh Sahib	Member
2	Dr. S. Ghosh	Dean, Faculty of Engineering (Textile & Fashion) & Professor & Head, Deptt of Textile Engg., NIT, Jalandhar	Member
3	Dr. A.K. Tyagi,	Dean, Faculty of Applied Sciences & Professor, Shaheed Bhagat Singh College of Engineering & Technology, Ferozepur	Member
4	Dr. S.K. Bansal	Dean, Faculty of Engineering (Civil) & Campus Director Rayat Bahra Institute of Engineering and Nanotechnology, Hoshiarpur	Member
5	Dr. N.P. Singh	Dean (DDE), Punjab Technical University	Member
6	Principal	Shaheed Bhagat Singh College of Engineering & Technology, Ferozepur	Member
7	Principal	Shaheed Udham Singh College of Engg. & Tech, Tangori, Mohali	Member
8	Principal	Guru Teg Bahadur National Institute of Mgt. & Tech., Dakha (Ludhiana)	Member
9	Chairman, DEC/ Nominee	DEC, IGNOU, Delhi	Member
10.	Dr. R.P. Singh	Director, IGNOU	Member
11	Prof. Sehajpal	Ex-Prof., PU, Chandigarh	Member
12.	Director/ nominee (not below the rank of Professor)	IIT, Ropar	Member
13.	President	PHD Chamber of Commerce	Member

Chairman, Academic Council welcomed all members of Academic Council. Further, the Chairman informed that the last meeting of the Council was held in February, 2011. No meeting could be held thereafter as the process of re-constitution of Academic Council was in process.

Council members were informed that from now onwards the meeting shall be held quarterly. In view of this, the next meeting of Academic Council is scheduled for February 2012.

38.01 To confirm the minutes of 37th Academic Council held 11th February2011

The Council approved the Minutes of 37th Academic Council meeting

38.02 Action Taken Report (ATR) on the 37th Academic Council Meeting

The Council noted the action taken report on the 37th meeting of the Academic Council and expressed its satisfaction.

38.03 Information of Admissions 2011-12

The status of admission was noted by the Council. It was decided that the admission during session 2012-13 shall be conducted online for most of the courses.

The Council authorized Dean (Academics) to constitute a committee under his Chairmanship to decide the admission policy for session 2012-13 for all courses. Following committee was approved:

Representative of DEP	-	One
Representative of PUTIA	-	One
Members of Academic Council	-	Four(Engg.-2, Mgt.-1 Non-AICTE-1)

It was decided that the committee should submit its report by 15 December,2011. Draft notification than shall be sent to the Govt for approval.

Council decided that if any Institute wants to fill management quota seats through Centralised Counselling than the institute will have to surrender their Management Quota seats to PTU.

Further, Council decided that necessary steps for counselling for MBA/MCA should be initiated by PTU as 90 % of seats are with PTU.

38.04 Readmission of the students willing to continue their studies after a gap.

Item was approved.

38.05 Submission of dues of the sessions: 2010-2011 and 2011-2012

The Chairman apprised the council that the Board of Governors has taken a serious view of non-payment of dues by the Colleges. In the present Academic Year only some restrictions were imposed on colleges.

Council decided that a calendar regarding the payment of affiliation fee and other dues should be published by the Academic department from next year onward.

Council also approved the charging of fine from the defaulter colleges. Director (Finance) was directed to look after the work of reconciliation of dues.

38.06 List of new AICTE and non-AICTE approved courses introduced in the affiliated colleges in the session 2011-2012

The Council noted the list of new courses introduced from this academic year.

Council decided that if any Institute wants to introduce any new course from the next Academic Session, the proposal must be forwarded to the Dean (Academics).

38.07 List of new colleges / increased intake

The council noted the list.

38.08 Academic Audit of 25% Affiliated colleges (Pharmacy; MBA and MCA)

Council noted the academic audit done for 25% of the colleges during this year. Council decided that from next year onwards the monitoring mechanism must be made more stringent.

The Council was informed that some serious complaints were received regarding non-conduct of classes on Saturday and Sunday by Regional Centers. Council decided that a surprise visit shall be made by the University to check the same.

It was further decided that if any Regional Center wishes to arrange classes on other days they will have to send prior information to the University.

38.09 Reviewed study scheme and new syllabus of courses for in session -2011

The Council approved the revised syllabus of all the streams.

It was decided that the syllabus should be uploaded on the website and printed copy of the same should provided on sale from next semester.

38.10 Amendment in the existing study scheme of B.Sc. Media Entertainment and Film Technology (B.Sc. MEFT).

The council has approved the item.

38.11 Recommendations of Board of Studies Business Administration regarding the Question paper pattern and setting question papers for a course MBA Executive started at PTU's Gian Jyoti School of Excellence.

The council approved the recommendations of the Board of Studies.

38.12 MOU with Baba Farid University of Health Sciences, Academic and Research Programme Joint Post Graduate Dual Degree/ Diploma courses in Healthcare, Management and Technology

The council noted the MOU signed by PTU with Baba Farid University for collaborative academic research program and to run courses of Heath Sciences jointly.

38.13 Award of Ph.D.

The Council recommended following candidates for the award of Ph.D degree to ....G.

Sr. No.	Registration No.	Name	College/ Institute	Specialization	Title of Thesis
1.	12.23.07	Ms. Neelam Singla	Ram Gopal College of Pharmacy, Gurgaon	Pharmacy	Bio availability enhancement of poorly soluble drugs through self micro emulsifying drug delivery system
2.	06.10.06	Charanjiv Singh	SLIET, Longowal	Food Technology	Effect of Polysaccharide bases edible coatings on the osmotic dehydration of Pineapple
3.	04.12.03	....	Sub Sehar Secondry School, Moga	Applied Chemistry	A Study of Material for Fabrication of Intermediate Temperature Solid Oxide Fuel Cell Anode Solid Electrolyte
4.	07.10.07	Sunita Bansal	Haryana Engg. College , Jagadhri	Applied Math	Optima/Heuristic Approach in Solving Certain Production Scheduling Problems in Fuzzy and Non Fuzzy Environment
5.	16.02.05	Udaipur Singh	NIT, Hamirpur	Architecture	Planning for the Devlopment in the Hill Region: A case study Palampur Himachal Pradesh
6.	08.07.08	Navneet Dabra	GZSCET, Bathinda	Applied Physics	Study of Ferroelectricity and Related Phenomena in the Potassium Nitrate: Poly (Vinyl Alcohol) Composite Films
7.	07.07.08	...... Singh	BBSBCET, Fatehgarh Sahib	Applied Mathematics	Investigations on Certain Cosmological Models of General Theory of Relativity Existence of Dark Matter in the Universe due to Variable Constants
8.	12.27.07	Shailesh Sharma	ASBASJSM College of Pharmacy Bela, Ropar	Pharmacy	Formulation & Optimization of Fast Dissolving Tablets of Some Antiemetic Drugs

It was also decided that if any other candidate completes his / her Ph.D. requirements (i.e. on or before 8th November, 2011) his / her name should also be forwarded to BOG for approval.

38.14 To inform about Ph.D. Registrations

The council noted the item.

38.15 Launch of PTU's first International Journal of "Surface Engineering and Materials Technology"

The council appreciated this initiative of the PTU.

38.16 Access available to online journals of ASTM and ASME

Academic council was informed that online journals of ASME & ASTM has been made available to its affiliated colleges. College can send a request through email at library.ptu@gmail.com to get copy of research paper from the respective journal.

Members deliberated on the suggestion that University should purchase journals in bulk for the affiliated colleges at the discounted price from the respective companies.

Council decided that college wishing to subscribe these journals must send request to Dean (Academics) through email so that necessary purchase could be done as per norms.

38.17 PTU Placements

Council appreciated the initiatives of the Placement Cell of the University for organizing Joint Campus placements

38.18 PTU Industrial Training

Council noted the Initiative taken by CII to provide Industrial Training to students. Further, the trend of providing the training to the students with stipend was appreciated.

The council desired that the list of students undergoing training in the different industries must be submitted to Dean (S.A.).

38.19 Faculty and Staff Development Programme.

The council noted the same.

38.20 Seminars and Conferences

The council noted the information.

38.21 Global Engineering Dean's Council Conference will be hosted by Punjab Technical University in the year 2013.

It was informed by the Vice-Chancellor & Chairman Academic Council that Global Engineering Deans Council Conference, which was hosted by University of Peking, China in year 2011 was attended by VC-PTU, Dean (Academics), PTU and Director Technical Education, Punjab. The same Conference will be organized in Argentina in the year 2012.

Academic council members were informed that PTU will host the same conference in the year 2013.

The council approved and appreciated the initiative taken by the PTU in this direction.

38.22 International Exchange Program for Faculty

The Council approved the International Exchange Program for Faculty.

38.23 Industrial Defined Projects

The council noted the information and decided that the soft copy of final project should be submitted to Dean (SA).

38.24 Online application modules for PTU students

The council approved and appreciated the online facility being provided to the students.

38.25 Free-ship scheme

The Council noted the information.

Ms. Kamna Raj Agrawalla, President, CII, Punjab Region, informed the Academic Council that some other funds for free ship can be provided by the CII. Dean (SA) was asked to provide the details of the free ship scheme to CII.

38.26 Draft report submitted by a committee of examination reforms

Council was informed that recommendation of the committee for Examination reforms have already been circulated to all the members. It was decided that feedback for the same must be submitted to Controller to Examination (coeptu@gmail.com) by 30th November, 2011.

38.27 To complete the degree, Grace Marks (4 Marks) or sum of Internal and External if greater than or equals to 40% in a single subject

Item was approved.

38.28 Early Faculty Induction Programme

In principle, the Council agreed to the item and authorised the Chairman of the Council to constitute a committee of 4-5 members to propose the detailed recommendations for the implementation of the scheme.

38.29 Student's Foreign Exchange Program

Item was approved.

38.30 Skill Development Programme

Item was approved.

38.31 To establish departments of Chemistry, Mathematics, Physics, Environmental Sciences and Humanities in engineering colleges

The council approved the setting up of junior science college in all the existing Institutions.

Council also decided that the colleges can start Non-AICTE Courses like 4 years programme of B.Sc. in (Physics, Chemistry, Mathematics, Biological Science, Environmental Science & also 3 yrs B.Sc. for the same.

38.32 Need to promote Interdisciplinary Research

The council has noted the information

38.33 Development of Human Resource Bank in PTU

The Council authorised the Chairman to constitute a committee of four to five members to give the detailed recommendation for the effective implementation and to finalise the honorarium for these experts.

38.34 Any other item with permission of the chair.

(a) Eligibility Criteria for all Courses

Council was informed of uploading of eligibility criteria of all courses on the University website and it was decided that feedback for the same should made available to Dean(Academics).

Further, this feedback will be put before the Board of Studies and after recommendations the matter will be placed as agenda item in the BOG for deliberation and approval.

(b) Nomination of Principal on the Board of Governors

It was desired that guidelines should be prepared for nomination of the Principal as member of the Board of Governors of PTU.

(c) Relaxation in qualification to industry people for pursing Ph.d.

Council deliberated on the matter and authorize Dean (Academics) to constitute the committee and propose the guidelines for the same.

(d) Addition of new subject for Ph.D

Council deliberated on the matter and authorize Dean (Academics) to constitute the committee and propose the guidelines for the same.

(e) Incentive to students who are participating in different sports and cultural events

The council deliberated on the matter and constituted a committee comprising of Dean (Academics) and Dean (SA) to decided upon the following incentives.

a. Fee concession.
b. Attendance for all participants on duty days.
c. Provision for extra classes.
d. Rescheduling of semester exams for participants.

There after supplementary agenda was taken up :

S 38.34.1 Reconstitution of Board of Studies.

The council noted the reconstitution of Board of Studies and authorized the Chairman for reconstitution and approval of Board of studies.

S 38.34.2 Golden chance for the students to complete the degree.

Item was approved.

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

Registrar

ACTION TAKEN REPORT
ON
MINUTES OF the 38TH ACADEMIC COUNCIL MEETING HELD ON 08TH NOVEMBER, 2011 AT 10:30 AM IN
CONFERENCE ROOM, FUNJAB TECHNICAL UNIVERSITY, JALANDHAR – KAPURTHALA HIGHWAY

Item No.	Agenda	Action Taken
38.01	To confirm the minutes of 37th Academic Council meeting held on 11th February 2011	No action required
38.02	Action Taken Report (ATR) of the 37th Academic Council Meeting	No action required
38.03	Information of Admissions 2011-12	Admission committee was constituted to decide to decide the admission policy for session 2012-13. The item is being placed as Agenda Item No. 39.03
38.04	Readmission/s of the students willing to continue the studies after gap	Notified
38.05	Submission of dues of the sessions: 2010-2011 and 2011-2012	Dues calendar has been uploaded on the website for session 2012-13. Any college failing to deposit the dues as per dues calendar shall be fined.
38.06	List of new AICTE approved and non-AICTE courses introduced in affiliated colleges in the session 2011-12	No action required
38.07	List of new colleges / increased intake	No action required
38.08	Academic Audit of 25% Affiliated colleges (Pharmacy, MBA and MCA)	Academic Audit shall also be carried during session 2012-13
38.09	Reviewed study scheme and new syllabus of courses in session 2011-12	Implemented
38.10	Amendment in the existing study scheme of B. Sc. Media Entertainment and Film Technology (B.Sc. MEFT)	Implemented
38.11	Recommendations of Board of Studies Business Administration regarding the Question Paper Pattern and Question Paper setting of MBA Executive at PTU's Gian Jyoti School of Excellence	A committee has been constituted to re-consider the matter.
38.12	MoU with Baba Farid University	Courses started.
38.13	Award of Ph.D.	Forwarded to BOG for approval.
38.14	Ph.D. Registrations	No action Required
38.15	Launch of PTU's first International Journal of "Surface Engineering and Materials Technology"	No action Required
38.16	Access available to Online journals of ASTM and ASME	The item is being placed again as agenda item No. 39.28
38.17	PTU Placements	No action required.
38.18	PTU Industrial Training	No action required.
38.19	PTU Faculty and Staff Development Programmes	No action required.
38.20	Seminars and Conferences organized by Punjab Technical University	No action required.
38.21	Global Engineering Dean's Council Conference will be hosted by Punjab Technical University in the year 2013	Work has been started for the conference
38.22	International Exchange Program for Faculty	The matter is under process
38.23	Industrial Defined Projects	No action required
38.24	Online Application Modules for PTU students	No action required.
38.25	Free-ship Scheme	The item is being placed as Agenda item No. 39.227
38.26	Draft report submitted by a committee regarding examination reforms.	The item is being placed as Agenda item No. 39.15
38.27	To complete the degree, Grace Marks (4 Marks) or	Implemented.

	sum of Internal and External if greater than or equals to 40% in a single subject.	
38.28	Early Faculty Induction Programme	Committee has been constituted
38.29	Student's Foreign Exchange Programme	The matter is under process
38.30	Skill Development Programme	Under process
38.31	Establishment of departments of Physics, Chemistry, Mathematics, Environmental Sciences in Engineering Colleges	No application has been received.
38.32	Need to promote Interdisciplinary Research	Under process
38.33	Development of Human Resource Bank in PTU	Committee has been constituted
38.34	Any other item with the permission of the Chair	
38.34	(a) Eligibility Criteria for all Courses	The eligibility criteria was uploaded on the University website for the suggestions / comments from the affiliated colleges. No comments have been received.
	(b) Nomination of Principal on the Board of Governors	The matter is under process
	(c) Relaxation in qualification to industry people for pursing Ph.d	Committee has been constituted
	(d) Addition of new subject for Ph.D	Committee has been constituted
	(e) Incentive to students who are participating in different sports and cultural events	The matter is under process
38.35	Reconstitution of Board of Studies.	Re-constituted Board of Studies was notified and circulated to all concerned.
38.36	Golden chance for the students to complete the degree.	Implemented.

38.16 Access available to online journals of ASTM and ASME

It was informed that PTU's Library has made available online journals of ASME and ASTM to its affiliated colleges. Any affiliated institute/ college can send request through e-mail at library.ptu@gmail.com to get a soft copy of research paper from the respective journal through e-mail.

It is suggested by the members that University should purchase such journals in bulk for the college at the discounted price from the Companies.

It is decided that the college who want to subscribe these journals must send request to Dean (Academics) through email so that total requirement may be judged and accordingly discounted bulk purchase may be done from the company.

38.18 PTU Industrial Training

The several initiatives taken by PTU to provide good quality, free of cost 6 months industrial training to the students

The initiative taken by CII in this direction was appreciated. The council appreciated the good trend of providing paid training by the Industry. It was suggested that trends may be encouraged in SME.

38.22 International Exchange Program for Faculty

The Council approved the International Exchange Program for Faculty.

38.23 Industrial Defined Projects

The council noted the information.

38.25 Free-ship scheme

The council has noted the information. Further some of the funds for freeships may be provided by the CII as reported by Ms. Kamna Raj Agarwal. Dean student Affairs will provide the details regarding this freeship scheme to CII for further processing of the same.

38.26 Draft report submitted by a committee of examination reforms

It was informed that the recommendations of the committee for Examination reforms have already been circulated to all members.   Feedback on this must be submitted to Controller to Examination (coeptu@gmail.com) by 30th November, 2011.

38.28 Early Faculty Induction Programme

The Council has principally agreed to the item. However the council has authorised the Chairman to constitute a committee of four to five members to give the detailed recommendation for the implementation of the scheme.

38.29 Student's Foreign Exchange Program

The council has approved the item

38.30 Skill Development Programme

Council has approved the same.

38.31 To establish departments of Chemistry, Mathematics, Physics, Environmental Sciences and Humanities in engineering colleges

The council has approved the setting up of junior science college to all the existing institutions. It was also decided that colleges can send proposal to start Non-aicte courses like B.Sc. (Physics) / B.Sc. (Chemistry)/ B.Sc. (Math)/ B.Sc. (non-medical)/ B.Sc. (medical) etc.

38.32 Need to promote Interdisciplinary Research

The council has noted the information

38.33 Development of Human Resource Bank in PTU

The Council has authorised the Chairman to constitute a committee of four to five members to give the detailed recommendation for the effective implementation and to finalise the honorarium for these experts.

38.34 Any other item with permission of the chair.

(a) Eligibility Criteria for all Courses

The eligibility Criteria for all courses was uploaded on

(b) Nomination of Principal on the Board of Governors

It was desired that guidelines should be prepared for nomination of the Principal as member of the Board of Governors of PTU.

(c) Relaxation in qualification to industry people for pursing Ph.d.

It was desired that some relaxation to the Industry people should be given in qualification on the basis of their experience. Dean (Academics) was authorized to constitute a committee to prepare the guidelines.

(d) Addition of new subject for Ph.D

Keeping in view the changing scenario new subjects are required to be added to Ph.D. Dean (Academics) was authorized to constitute a committee to decide the same.

(e) Incentive to students who are participating in different sports and cultural events

It was informed the Council that PTU is leading in the field of Sports also. PTU had hosted AIU Al India Tournament in Football at SBBSIET, Padhiana.

In the cultural activities PTU Bhangra Team has also won first prize at Cultural Programme in Trupati organized at all India level .

For achieving such positions students and coaches are required work hard. Therefore some incentives must be given to the such participants. Following committee is constituted to decided the incentives

Dean (Academics)
Dean (SA)

It is also desired that extra classes may be arranged for such students who are participating in different sports and cultural events and these students must not be harassed by the College.

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ

(ਅਕਾਦਮਿਕ ਵਿਭਾਗ)

ਮੀਟਿੰਗ ਦੀ ਕਾਰਵਾਈ

ਸਾਲ 2012-13 ਦੇ ਦਾਖਲਿਆ ਸਬੰਧੀ ਬਣਾਈ ਗਈ ਕਮੇਟੀ ਦੀ ਮੀਟਿੰਗ ਮਿਤੀ 27.12.2011 ਨੂੰ ਯੂਨੀਵਰਸਿਟੀ ਵਿਚ ਹੋਈ। ਜਿਸ ਵਿਚ ਹੇਠ ਲਿਖੇ ਸ਼ਾਮਿਲ ਹੋਏ

ਪਹਿਲੇ ਵੀ.ਸੀ. ਸਹਿਬ ਨੇ ਦਾਖਲਾ ਵਿੱਚ ਵਾਧਾ ਕਰਨ ਲਈ ਪ੍ਰੇਜੇਂਟੈਸ਼ਨ ਦਿੱਤੀ। ਬਾਅਦ ਵਿੱਚ ਸ੍ਰੀ ਗੁਲਸ਼ਨ ਸ਼ਰਮਾ ਨੇ ਵੀ ਇਸ ਕ੍ਰਮ ਵਿਚ ਇਕ ਪ੍ਰੇਜੇਂਟੈਸ਼ਨ ਦਿੱਤੀ

ਇਸ ਤੋਂ ਬਾਅਦ ਸਾਰੇ ਮੈਂਬਰਾਂ ਅਤੇ ਸਪੈਸ਼ਲ ਸੱਦੇ ਗਏ ਮਹਿਮਾਨਾਂ ਨੇ ਆਪਣੇ ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਕਟ ਕੀਤੇ

1. **ਕਾਲਜਾਂ ਵਿੱਚ ਪੜਾਈ ਦਾ ਪੱਧਰ ਉੱਚਾ ਚੁਕੱਣਾ ਚਾਹੀਦਾ ਹੈ**

   - ਕਾਲਜਾਂ ਵਿੱਚ ਵਧੀਆ ਪੱਧਰ ਦੀ ਪੜਾਈ ਦੇਣੀ ਚਾਹੀਦੀ ਹੈ । ਜਿਹੜੇ ਕਾਲਜ ਵਧੀਆ ਪੱਧਰ ਦੀ ਸਿੱਖਿਆ ਮੁਹਇਆ ਕਰਵਾਉਂਦੀ ਉਹ ਕਦੇ ਨਹੀਂ ਪੱਛੜਦੇ । ਪੜਾਈ ਦੇ ਨਾਲ ਨਾਲ ਨਾਲ Value addition, Capability, knowledge, empoyabiity ਨੂੰ ਵਧਾਉਣ ਵੱਲ ਧਿਆਨ ਦੇਣਾ ਚਾਹੀਦੀ ਹੈ।

2. **ਇੰਡਸਟਰੀ ਦੀ ਲੋੜ ਨਵੇਂ ਕੋਰਸ ਸ਼ੁਰੂ ਕਰਨਾ**

   - ਯੂਨੀਵਰਸਿਟੀ ਨੂੰ ਸਮੇਂ ਦੀ ਲੋੜ ਅਨੁਸਾਰ ਨਵੇਂ Value Additon ਕੋਰਸ ਸ਼ੁਰੂ ਕਰਨੇ ਚਾਹੀਦੇ ਹਨ ਜੋ ਕਿ ਇੰਡਸਟਰੀ ਅਤੇ ਕਾਰਪੋਰੇਟ ਸੈਕਟਰ ਦੀ ਲੋੜ ਅਨੁਸਾਰ ਹੋਣੇ ਚਾਹੀਦੇ ਹਨ ।

3. **ਸਲੇਬਸ ਅਪਡੇਟ ਕਰਨਾ (Update)**

   - ਸਲੇਬਸ ਇੰਡਸਟਰੀ ਦੀ ਲੋੜ ਅਨੁਸਾਰ ਬਣਾਉਣਾ ਚਾਹੀਦਾ ਹੈ ਅਤੇ ਇਸ ਕੰਮ ਲਈ ਹਰੇਕ ਬੋਰਡ ਆਫ ਸਟਡੀਜ਼ ਵਿੱਚ ਇੰਡਸਟਰੀ ਦੇ ਨੁਮਾਇੰਦੇ ਹੋਣੇ ਚਾਹੀਦੇ ਹਨ।

4. **ਯੂਨੀਵਰਸਿਟੀ ਵੈਬਸਾਈਟ ਨੂੰ ਜਾਣਕਾਰੀ ਭਰਪੂਰ ਬਣਾਉਣਾ**

   - ਯੂਨੀਵਰਸਿਟੀ ਦੀ ਵੈਬਸਾਈਟ ਨੂੰ ਹੋਰ ਚੰਗੀ ਅਤੇ ਵਧੀਆ ਬਣਾਉਣਾ ਚਾਹੀਦਾ ਹੈ। ਵਿਦਿਆਰਥੀਆਂ ਸਬੰਧੀ ਹਰੇਕ ਜਾਣਕਾਰੀ ਯੂਨੀਵਰਸਿਟੀ ਦੀ ਵੈਬਸਾਈਟ ਤੇ ਉਪਲਬੱਧ ਹੋਣੀ ਚਾਹੀਦੀ ਹੈ।

5. **ਦਾਖਲਾ ਪ੍ਰਕਿਰਿਆਂ ਨੂੰ ਸੌਖਾ ਕਰਨਾ**

   - ਯੂਨੀਵਰਸਿਟ ਦੇ ਵੱਖ-2 ਕੋਰਸਾਂ ਵਿੱਚ ਦਾਖਲਾ ਲੈਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਨੂੰ ਸੌਖਾ ਬਣਾਉਣਾ ਚਾਹੀਦਾ ਤਾਂ ਜੋ ਵਿਦਿਆਰਥੀ ਘਰ ਬੈਠੇ ਹੀ ਕਿਸੇ ਵੀ ਕਾਲਜ ਵਿਚ ਅਤੇ ਕਿਸੇ ਵੀ ਕੋਰਸ ਵਿੱਚ ਦਾਖਲਾ ਲੈ ਸਕਣ ।

6. **ਬਾਹਰਲੇ ਦੇਸ਼ਾਂ ਅਤੇ ਪ੍ਰਾਂਤਾਂ ਤੋਂ ਦਾਖਲਾ ਕਰਨਾ**

   - ਯੂਨੀਵਰਸਿਟੀ ਵਿੱਚ ਬਹੁਤ ਸਾਰੇ ਕੋਰਸਾਂ ਵਿੱਚ ਸੀਟਾਂ ਖਾਲੀ ਰਹਿ ਗਈਆਂ ਹਨ । ਇਸ ਲਈ ਸਾਰਿਆਂ ਨੇ ਸੁਝਾ ਦਿੱਤਾ ਕਿ ਯੂਨੀਵਰਸਿਟੀ ਨੂੰ Ministry of Foreign Affairs ਨਾਲ ਸੰਪਰਕ ਕਰਨ ਚਾਹੀਦਾ ਹੈ ਤਾਂ ਹੋ ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਕੋਰਸਾਂ ਵਿੱਚ ਦਾਖਲਾ ਬਾਹਲੇ ਦੇਸ਼ਾ ਵਿੱਚੋ ਲਿਆਂਦਾ ਜਾ ਸਕੇ ।
   - ਹੋਰ ਪ੍ਰਾਂਤਾਂ ਜਿਵੇਂ ਕਿ ਬਿਹਾਰ, ਝਾਰਖੰਡ, ਅਸਾਮ, ਆਦਿ ਜਿਨ੍ਹਾਂ ਵਿੱਚ ਅਜੇ ਤੱਕ ਪ੍ਰੋਫੈਸ਼ਨਲ ਕਾਲਜਾਂ ਦੀ ਘਾਟ ਹੈ , ਉਨ੍ਹਾਂ ਪ੍ਰਾਂਤਾਂ ਵਿੱਚੋ ਵੀ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬ ਵਿੱਚ ਲਿਆਉਣ ਲਈ ਉਨ੍ਹਾਂ ਦੀਆਂ ਸਰਕਾਰਾਂ ਨਾਲ ਸੰਪਰਕ ਕੀਤਾ ਜਾਣਾ ਚਾਹੀਦਾ ਹੈ।

7. **ਅਧਿਆਪਕਾਂ ਨੂੰ ਪੂਰੀ ਤਨਖਾਹ ਦੇਣਾ ਅਤੇ non-AICTE ਕੋਰਸਾਂ ਦੀ ਫੀਸ ਵਿੱਚ AICTE ਤਰਜ ਤੇ ਵਾਧਾ ਕਰਨਾ**

   - ਫੈਕਲਟੀ ਨੂੰ ਪੂਰੀ ਤਨਖਾਹ ਦੇਣੀ ਚਾਹੀਦੀ ਹੈ ਜਿਸ ਨਾਲ ਜੋ ਉਹਨਾਂ ਦੀ satisfaction, commitment and dedication ਵਧੇਗੀ ਤੇ ਉਹ stable ਹੋ ਕੇ ਵਧੀਆ ਸਿਖਿਆ ਦੇ ਸਕਣਗੇ ।
   - non-AICTE ਦੀ ਫੀਸ ਵਿੱਚ ਵੀ AICTE ਤਰਜ ਤੇ ਵਾਧਾ ਕੀਤਾ ਜਾਣਾ ਚਾਹੀਦਾ ਹੈ ਤਾਂ ਹੋ ਅਧਿਆਪਕਾਂ ਨੂੰ ਪੂਰੀ ਤਨਖਾਹ ਦਿੱਤੀ ਜਾ ਸਕੇ ।

8. **ਕਾਉਂਸਲਿੰਗ**

   - ਪੀ.ਟੀ.ਯੂ ਵਿੱਚ ਦਾਖਲਾ ਪਿਛਲੇ ਸਾਲ ਜਲਦੀ (NIT, IIT ਤੋਂ ਪਹਿਲਾਂ) ਹੋਣ ਕਾਰਨ ਬਾਅਦ ਵਿੱਚ ਵਿਦਿਆਰਥੀ NIT, IIT ਚਲੇ ਜਾਂਦੇ ਹਨ ਜਿਸਦਾ ਕਿ ਕਾਲਜਾਂ ਨੂੰ ਨੁਕਸਾਨ ਹੁੰਦਾ ਹੈ ।
   - ਦਾਖਲੇ ਦੀ ਕਾਉਂਸਲਿੰਗ ਦੇ ਰੌਂਡ (Round) ਤਿੰਨ ਤੋਂ ਘੱਟ ਕੀਤੇ ਜਾਣੇ ਚਾਹੀਦੇ ਹਨ ਅਤੇ ਹਰ ਰਾਉਂਡ ਵਿੱਚ ਜੇਕਰ ਵਿਦਿਆਰਥੀ ਕਾਲਜ ਬਦਲਦਾ ਹੈ ਤਾਂ ਉਸ ਤੋਂ ਕਾਉਂਸਲਿੰਗ ਫੀਸ ਚਾਰਜ ਕੀਤੀ ਜਾਣੀ ਚਾਹੀਦੀ ਹੈ ।

9. **ਡਿਪਲੋਮਾ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਦੂਜੇ ਸਾਲ ਵਿੱਚ ਸਿਧਾ ਦਾਖਲਾ ਟੈਸਟ ਦੇ ਆਧਾਰ ਤੇ ਕਰਨ ਲਈ**

   - ਡਿਪਲੋਮਾ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਦੂਜੇ ਸਾਲ ਵਿਚ ਦਾਖਲਾ ਟੈਸਟ ਦੇ ਆਧਾਰ ਤੇ ਦੇਣਾ ਚਾਹੀਦਾ ਹੈ ਤਾਂ ਹੋ ਉਹਨਾਂ ਦਾ ਦਾਖਲਾ ਅਤੇ ਪੜ੍ਹਾਈ ਸਮੇਂ ਸਿਰ ਹੋ ਸਕਣ। ਕਈ ਵਾਰ ਬੋਰਡ ਵਲੋਂ ਰਿਜਲਟ ਲੇਟ ਹੋਣ ਨਾਲ ਕਾਉਂਸਲਿੰਗ ਲੇਟ ਹੋ ਜਾਂਦੀ ਹੈ ਜੋ ਕਿ ਟੈਸਟ ਦੇ ਆਧਾਰ ਤੇ ਪਹਿਲਾਂ ਹੋਵੇਗੀ।

10. **ਬੀ.ਆਰਕੀਟੇਕ ਦਾ ਦਾਖਲਾ AIEEE ਦੇ Aptitute Test ਦੇ ਆਧਾਰ ਤੇ ਹੋਣਾ ਚਾਹੀਦੇ ਹੈ ਕਿਉਂਕਿ ਕਈ ਵਾਰ NATA ਸੈਂਟਰ ਸਾਡੀ ਦਾਖਲਾ ਪ੍ਰਕਿਰਿਆ ਤੋਂ ਪਹਿਲਾਂ ਹੀ ਬੰਦ ਹੋ ਜਾਂਦੇ ਹਨ ਜਿਸ ਕਰਕੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਤੰਗੀ ਹੁੰਦੀ ਹੈ ।**

ਮੀਟਿੰਗ ਦੇ ਅਖੀਰ ਵਿੱਚ ਮਾਨਯੋਗ ਵੀ ਸੀ ਸਾਹਿਬ ਨੇ ਦਸਿਆ ਕਿ

- ਦਾਖਲਾ ਨੋਟੀਫਿਕੇਸ਼ਨ ਪੰਜਾਬ ਸਰਕਾਰ ਵਲੋਂ ਮਿਤੀ 10 ਜਨਵਰੀ, 2012 ਤੱਕ ਜਾਰੀ ਹੋਣਦੀ ਉਮੀਦ ਹੈ ।
- ਮੈਨੇਜਮੈਂਟ ਕੋਰਸਾਂ (MBA / MCA) ਦਾ ਦਾਖਲਾ ਇਸ ਸਾਲ ਪੀ.ਟੀ. ਯੂ ਵਲੋਂ ਕਰਵਾਉਣ ਸਬੰਧੀ ਵਿਚਾਰ ਹੈ ।
- ਬੀ. ਫਾਰਮਸੀ ਦੇ ਕੋਰਸ ਦਾ ਦਾਖਲਾ ਇਸ ਸਾਲ ਤੋਂ ਕਾਲਜ ਪੱਧਰ ਤੇ ਹੋਵੇਗਾ ।
- ਯੂਨੀਵਰਸਿਟੀ ਨੂੰ ਬੀ.ਆਰਕ. ਦਾ ਦਾਖਲਾ AIEEE ਦੇ ਆਧਾਰ ਤੇ ਕਰਨ ਅਤੇ ਬੀ. ਅਰਕ ਵਿਚ lateral entry ਕਰਨ ਬਾਰੇ ਵਿਚਾਰ ਹੈ ਜੇਕਰ ਇਹ ਕਾਉਂਸਿਲ ਆਫ ਆਰਕੀਟੇਕਟ ਦੇ ਨਿਯਮਾਂ ਮੁਤਾਬਿਕ ਹੈ ।
- ਇਸ ਦਾਖਲਾ ਕਮੇਟੀ ਦੀ ਮੀਟਿੰਗ ਹਰ ਮਹਿਨੇ ਦੇ ਆਖਰੀ ਹਫਤੇ ਹੋਵੇਗੀ।
- ਮੈਨੇਜਮੈਂਟ ਕੋਟੇ ਦਾ ਦਾਖਲਾ ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਦਾਖਲੇ ਦੇ ਨਾਲ-2 ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ

ਚਰਚਾ ਤੋਂ ਬਾਅਦ 2012 ਦੀ ਮੁਹਿੰਮ ਲਈ ਹੇਠ ਲਿਖੇ ਕਦਮ ਚੁਕਣ ਦਾ ਫੈਸਲਾ ਕੀਤਾ ਗਿਆ :

1. ਦਾਖਲਾ ਕਮੇਟੀ ਦੀ ਮੀਟਿੰਗ ਹਰ ਮਹਿਨੇ ਦੇ ਆਖਰੀ ਹਫਤੇ ਹੋਵੇਗੀ। ਅਗਲੀ ਮੀਟਿੰਗ ਜਨਵਰੀ ਦੇ ਦੂਜੇ ਹਫਤੇ ਹੋਵੇਗੀ।
2. ਯੂਨੀਵਰਸਿਟੀ ਵਿੱਚ Industry ਅਤੇ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਲੋੜ ਨੂੰ ਦੇਖਦੇ ਹੋਏ ਨਵੇਂ ਕੋਰਸ (Non-AICTE) ਸ਼ੁਰੂ ਕੀਤੇ ਜਾਣਗੇ।
3. ਪੰਜਾਬ ਤੋਂ ਬਾਹਰ ਦੀਆਂ ਸਟੇਟਾਂ ਵਿੱਚ ਵੀ ਦਾਖਲਾ ਵਧਾਉਣ ਲਈ ਕੰਮ ਕੀਤਾ ਜਾਵੇ
   - ਯੂਨੀਵਰਸਿਟੀ ਵੱਲੋਂ ਵੱਖ-2 ਪ੍ਰਾਂਤਾ ਵਿੱਚ ਪ੍ਰਦਰਸ਼ਨੀਆ ਲਗਾਈਆਂ ਜਾਣ ।
   - ਬਾਹਰਲੇ ਪ੍ਰਾਂਤਾ ਦੀਆਂ ਮਸ਼ਹੂਰ ਸਿੱਖਿਆ ਸੰਸਥਾਵਾਂ ਦੇ ਪ੍ਰਮੁੱਖਾਂ ਨੂੰ ਪ੍ਰੇਜਨਟੈਸ਼ਨ ਦਿੱਤੀ ਜਾਵੇ।
4. ਯੂਨੀਵਰਸਿਟੀ ਬਾਰੇ ਡਾਕੂਮੈਂਟਰੀ ਬਣਾਈ ਜਾਵੇ ।
5. ਪ੍ਰਿੰਟ ਮੀਡੀਆ ਅਤੇ ਇਲੈਕਟਰੋਨਿਕ ਮੀਡੀਆ ਵਿਚ ਐਡਵਰਟਿਜਮੈਂਟ ਕੀਤੀ ਜਾਵੇ।
6. ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਡਿਸਟੈਂਸ ਸਾਰੇ ਲਰਨਿੰਗ ਸੈਂਟਰਾਂ ਨੂੰ ਦਾਖਲੇ ਲਈ ਰਜਿਸਟਰੇਸ਼ਨ ਸੈਂਟਰ ਬਣਾਇਆ ਜਾਵੇ ।

The courses to be started at Punjab Institute of Technology (PIT), Mansa, will provide flexible, modular approach, so that the student once admitted will be allowed to leave on completion of any module and also will be able to make entry to higher module after a period of time. Further keeping in view the service to the Rural Poor the 50% seats will be reserved for the Rural Students and five seats in Non-Medical discipline will be reserved for the students from within the revenue limits of Mansa Kalan (including Mansa City), in view of the land donation, as per the Punjab Government policy. Further distribution of these five seats will be as per the flow chart in Fig. 1

Inititally the classes will be started at transit campus at Mansa from session 2011-12, if so p. After the completion of building the the students shall be shifted to the main campus, PIT, Mansa.

Admission, for 270 seats, is made in 10+1, on the basis of merit of matriculation, in the following four streams:

Table 1: Distribution of Seats at 10+1 level

S. No.	Stream	Total	General	Reserved for EWRA*	Reserved for Land Donors**	Remarks
1	Non-Medical	90	40	45	5	The seat for general and EWRA category are further distributed to the subcategory as per PTU/Pb. Govt. reservation rules
2	Medical	60	30	30	Nil	
3	Vocational	60	30	30	Nil	
4	Commerce	60	30	30	Nil	

* **EWRA-Economically Weaker Rural Area.**
** **LD -Land Donors.**

On completion of 10+1, the successful students are upgraded to 10+2, in respective streams. The failed students at any level will be allowed to complete the course with the immediate junior batch and for such cases the extra seats according to the number of students can be generated. For such students only one chance will be given to complete the studies with the immediate junior batch, failing which they may be declared as unfit for that course. No direct admission will be made at 10+2 level in any of the stream.

After completion of 10+2, the students of Non-Medical and Vocational Stream can take admission to the higher module i.e. **Bachelor of Technology (B.Tech.)** in any of the following five disciplines:
1. Electronics & Communication Engineering (ECE)
2. Electrical Engineering (EE)
3. Computer Science & Engineering (CSE)
4. Mechanical Engineering (ME)
5. Civil Engineering (CE)

The promotion will be made in the discipline of choice of individual on the basis of the merit in 10+2 examination strictly as per the Reservation of seats indicated in Table 1 and also shown in Flow Diagram (Fig.1). Any seat remains vacant will be filled by the direct admission.

The successful students of 10+2 Medical Stream can make entry to higher module, i.e. Bachelor of Science (B.Sc.) (Medical) and then in Masters of Science (M.Sc.), as shown in Fig.2. Any seat remains vacant will be filled by the direct admission.

The successful students of 10+2 Commerce Stream can make entry to higher module, i.e. B.Com. Professional and then in Masters of Business Administration (MBA), as shown in Fig.3. Any seat remains vacant will be filled by the direct admission.

This modular approach, with vertical mobility, having multi-entry and multi-exit feature at different levels developed. The students can be allowed to change the discipline at 10+1 and 10+2 level by passing bridge courses designed to provide flexible approach for the promotion of students to higher courses. The students will have the option to leave the course after successful completion of each module and will have the option to join back in higher module after acquiring industrial/job experience. Such candidate will have the preference on directly admitted students. Modular flow of courses is depicted in Fig.1.

Note:
1. The reservation will be as indicated in Table 1 i.e. for Rural and General Students, where as each category will have further reservation as per PTU/ Punjab Govt. Reservation Policy.
2. Admission to 10+1 courses will be made on the basis of matriculation merit or entrance examination.
3. Lateral entry for Diploma (Engg.) / B.Sc. Degree holders into 2nd year of 4 year B.Tech. will be provided as per Punjab Government norms.
4. Reservation for the students from within the revenue limits of Mansa Kalan (including Mansa City) is as per the Table 1.
5. The direct admission will be made in the first year of B. Tech courses with 30 additional seat to each as well as to the vacant seats from the general category students with reservation as per PTU/Punjab Govt. policy. The preference for direct admission will be given to the internal students those wants to change the discipline after passing bridge courses. The direct admission to B.Tech. 1st year will be made on the basis of merit of IIT/JEE Exam.
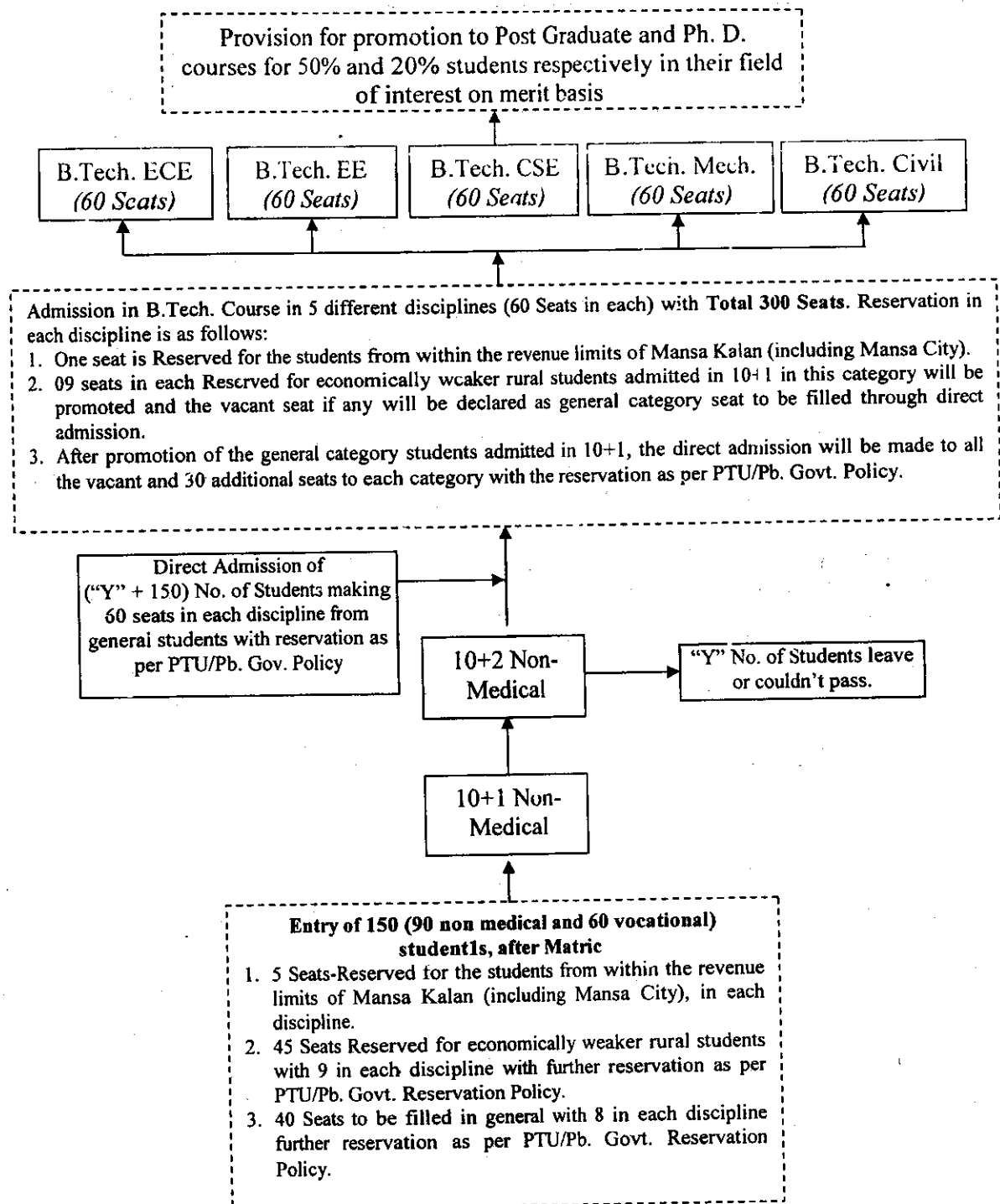
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│     Provision for promotion to Post Graduate and Ph. D.     │
│   courses for 50% and 20% students respectively in their field │
│              of interest on merit basis                     │
└ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┘
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B.Tech. ECE *(60 Seats)*	B.Tech. EE *(60 Seats)*	B.Tech. CSE *(60 Seats)*	B.Tech. Mech. *(60 Seats)*	B.Tech. Civil *(60 Seats)*

Admission in B.Tech. Course in 5 different disciplines (60 Seats in each) with **Total 300 Seats**. Reservation in each discipline is as follows:

1. One seat is Reserved for the students from within the revenue limits of Mansa Kalan (including Mansa City).
2. 09 seats in each Reserved for economically weaker rural students admitted in 10+1 in this category will be promoted and the vacant seat if any will be declared as general category seat to be filled through direct admission.
3. After promotion of the general category students admitted in 10+1, the direct admission will be made to all the vacant and 30 additional seats to each category with the reservation as per PTU/Pb. Govt. Policy.

Direct Admission of ("Y" + 150) No. of Students making 60 seats in each discipline from general students with reservation as per PTU/Pb. Gov. Policy

10+2 Non-Medical

"Y" No. of Students leave or couldn't pass.

10+1 Non-Medical

Entry of 150 (90 non medical and 60 vocational) students, after Matric

1. 5 Seats-Reserved for the students from within the revenue limits of Mansa Kalan (including Mansa City), in each discipline.
2. 45 Seats Reserved for economically weaker rural students with 9 in each discipline with further reservation as per PTU/Pb. Govt. Reservation Policy.
3. 40 Seats to be filled in general with 8 in each discipline further reservation as per PTU/Pb. Govt. Reservation Policy.

Fig. 1: Structure for Non-medical and Vocational Stream after Matric

M.Sc.(Med.)

Direct Admission of "R" No. of Students in M.Sc. (Med.)

B.Sc. (Med.) → "R" No. of Students leave or couldn't pass.

Direct Admission of "Q" No. of Students in B.Sc. (Med.)

10+2 Medical → "Q" No. of Students leave or couldn't pass.

10+1 Medical

60 students, after Matric with reservation as per PTU/Pb. Govt. Rules on merit basis
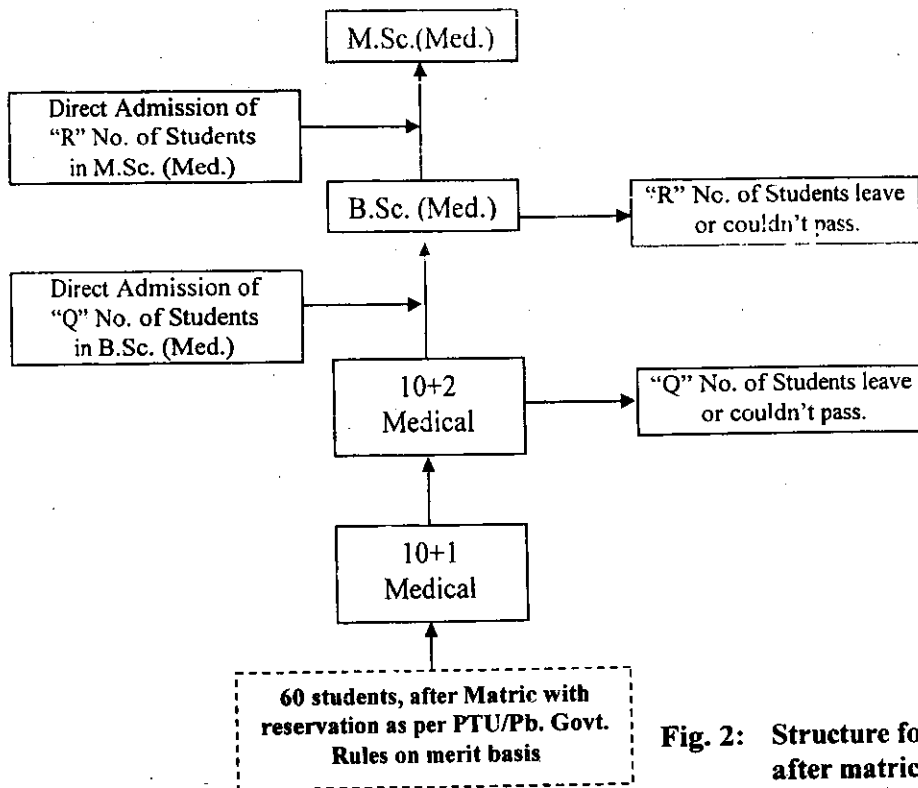
Fig. 2: **Structure for Medical Stream after matric**

MBA

Direct Admission of "C" No. of Students in MBA

B.Com. Professional → "C" No. of Students leave or couldn't pass.

Direct Admission of "B" No. of Students in B.Com. Professional

10+2 Commerce → "B" No. of Students leave or couldn't pass.

10+1 Commerce

60 students, after Matric with reservation as per PTU/Pb. Govt. Rules on merit basis

Fig. 3: Structure for Commerce Stream after matric

VARIOUS COURSES & ELIGIBILITY

10+1 Non-medical / Medical / Commerce
Eligibility Criterion:
1. The student should have passed matriculation examination with minimum 55% marks (50% marks for SC/ST category).
2. The students who fail in any one of the subject English, Science and Mathematics are not eligible for admission.

B. Tech. Course (4 Years Course)
Eligibility Criterion:
1. The student should have passed 10+2 (Non-medical) with minimum marks as per AICTE norms.
2. The students, who fail in any one of the subjects Physics, Chemistry or Maths are not eligible for admission.

B.Sc. Medical
Eligibility Criterion:
1. The student should have passed 10+2 Medical with minimum 55% marks (50% marks for Sc.ST category).

Lateral entry for diploma holders/B.Sc. Degree Holders into 2nd year of 4 year B.Tech. Course against vacant seats and additional 15% seats of the sanctioned intake in each branch of engineering.

Eligibility Criterion: All those candidates who have passed the diploma in any branch of Engineering and Technology from recognized institution of Punjab or from other state of India with minimum 60% marks in aggregate (for SC/ST 55%) or equivalent grade point, or Degree in science (B.Sc. with mathematics as one of the subjects) from recognized institution with 60% marks in aggregate or equivalent grade point are eligible for admission for above mentioned B. Tech. Courses. Admission will be made on the basis of merit in the qualifying examination and candidate's preference to different branches of engineering. Preference will first be given to diploma holders and the seats remaining vacant will be offered to the B.Sc. Degree holders. A candidate with diploma in any branch of engineering & technology can opt for any of the available branches of B.Tech. Course.

Loan for Students
Students who take admission under Economically Weaker Rural Area category will be eligible for interest free loan
Deserving students will be given an interest free loan to cover their tuition fee and other charges (excluding mess and hostel charges). This loan will be repayable after the student passes out and is engaged in employment. The students who drop out or do not pass the course will have to repay the loan immediately. **The student/parents will have undergone agreement on an affidavit in this regard. Initially the amount will be given by the University and the efforts will be made to create a common money pull through donations and from government policies for such type of loans. Such students will only pay the tuition fee and no University fund will be charged except the examination fee.**
Note: Rules for the grant of the loan will be as formulated by the PIT from time to time.

Conditions for admission to Economically Weaker Rural Area category, to integrated course after matriculation:

1. Student should have passed/ appeared in their matriculation examination held by a recognized board/ council with minimum 55% marks for General and OBC Categories and 50% marks for SC/ST category. Students, who are fail in any of the subjects of English, Science and Mathematics in matriculation examination, will not be eligible for admission.

2. **Admission under this scheme will be considered on the basis of average marks obtained** in the subjects of English, Science and Mathematics in matriculation examination or on the basis of entrance examination.

3. The student should have passed his 5th class from a school situated in a village, which does **not fall within the limits of a municipal committee or corporation or under a small town/ notified area.**

4. The student should have passed his matriculation and previous four classes of study (i.e. from 6th to 10th) from a recognized/Affiliated school in a **village which does not fall within the limits of a municipal committee or corporation or under a small town/ notified area.**

5. The annual fee and other charges of the school (s) from where the student has passed his matriculation and all lower classes should not exceed the minimum tuition fee charged in any of the Govt. School of Punjab.

6. The student and his/her parents must be permanent residents of a **village which does not fall within the limits of a municipal committee or corporation or under a small town/ notified area.**

7. The combined annual family income of the student (parents & grandparents, if living together) should not exceed Rs. 2,50,000/- per annum.

8. The admission at any level of Integrated course will be provisional subject to physical verification of above conditions. The admission of students, in case of negative verification, will be cancelled and they will have to deposit full fees till that time.

9. Interest free loan is provided to the students under this scheme on the basis of a legal agreement by the student/parent on an affidavit. This loan will be repayable after the student passes out and is engaged in employment. The students who drop out or do not pass the course will have to repay the loan immediately.

10. If any student leave the studies/course in between then he/she will have to pay the entire fees till that time.

11. If any student gets detained due to short of lectures in any subject then from next semester onwards he/she will not be eligible for interest free loan.

12. If a student indulges himself/herself in any of the indiscipline activity, the interest free loan facility will be withdrawn immediately.

FEE STRUCTURE

The fee structure of 10+1 and 10+2 courses will be at par with the fee structure of Govt. Polytechnics, without any other fund except examination fee. The fee structure of graduation level courses will be at par with the fee structure of Govt. Engineering Colleges, without any other fund except examination fee. However the University will not charge any fund except tuition fee from the students admitted under Economically Weaker Rural Area Category.

Ph.D Session	Total Eligible Candidates in Interview	No. of candidates, whose Issued Provisional Registration Number and subject allotted
Before June 2010		Total- 322
Session June, 2010	Eligible-404 Discrepancy Case-8	Total-209 (MCA-28, Biotech-1 Chemistry-8, Chemical-3, Civil-5 CSE-17, ECE-18 EE-7, Math-2 MBA-59, Mech.-24 MLT-1, Pharmacy-25, Physics-11)
Session Dec, 2010	Eligible-677 Discrepancy Case-15	**Total-380** MCA-35, Biotech-19, Chemistry-24 Civil-4, CSE-28, ECE-25, EE-12 Math-31, MBA-136, Mech.-15 MLT-1, Pharmacy-29, Physics-20, Arch-1 **Total- 25 (Meeting in November, 2011)** MCA-6, Biotech-3, CSE-3, ECE-1, EE-2, MBA-5, Pharmacy-2, Physics-1, Math-2
Session Dec, 2011	Interview Schedule on 8,9, 13,14,15,16,17 Feb, 2012 **Total 668 Candidates appear in Interview** **Qualified Candidates- 535** **Test Exempted Candidates- 133** **Selected Candidate in Interview- 565**	

	Subject allotment meeting	Total- 25 (Meeting in November, 2011)
		MCA-6, Biotech-3, CSE-3, ECE-1, EE-2, MBA-5, Pharmacy-2, Physics-1, Math-2
Session Dec. 2011	Interview Schedule on 8,9, 13,14,15,16,17 Feb. 2012 **Total 668 Candidates appear in Interview** **Qualified Candidates- 535** **Test Exempted Candidates- 133** **Selected Candidate in Interview- 543** **Pending Case- 22**	

Implementation of Examination Reform Committee's Recommendations

Recommendation of Exam Reform Committee	Implemented In 1st Phase	To be Implemented In 2nd Phase (wef Exam May-12)	To be Implemented In 3rd Phase (wef Exam DEC-12 and onwards)	Action by/ To be Taken By Branch
1. Academic Calendar • Odd Semester Examination will be conducted in Month of Nov. Instead of Dec.	Examination DEC-2011			Academics and Examination
• Even Semester Examination will be conducted in Month of April Instead of May.	Examination DEC-2011	Examination May-2012		Academics and Examination
2. Paper Setting • Question Paper Bank with at least 3 set of Question Paper for each subject.	Examination DEC-2011			Examination
3. Online Question Paper Delivery • Online Question Paper Delivery from Examination DEC-11.	Examination DEC-2011		Examination DEC-2012	Academics and Examination
4. Conduct of Examination • Date sheet Shall will be issued with Academic Calendar.		Examination May-2012		Examination
• Different Examination Centers – Regular Examination and Reappear Examination.	Already Implemented			Examination
• Online Examination Forms from Students Logins. • Online Printing of Admit Cards From Institution login. • Online Printing of Cutlists, Secrecy Memo, UMC, • Online Updating of Daily Absentee , and Daily Missing/Damage Answer Books and Daily Report of Examination Center by Center Supdt and Observer.		Examination May-2012		Examination
5. Evaluation • Collection of Answer Sheets. • Dispatch of Answer Sheets Directly from Nodal Center to minimize the period of Evaluation.				

Recommendation of Exam Reform Committee	Implemented In 1st Phase	To be Implemented In 2st Phase (wef Exam May-12)	To be Implemented In 3rd Phase (wef Exam DEC-12 and onwards)	Action Taken by/ To be Taken By Branch
• Online Data of Evaluators (Subject wise and Location Wise)	Already Implemented			Examination
• Head Examiners for 10% Checking of Evaluated Answer Sheets.				
• Solutions of Question Papers.	Already Implemented			Examination
• Data Entry of Awards – Double Entry System.	Already Implemented			Examination
6. Results • Availability of Internal Awards in Students Logins.	Already Implemented			Examination
• Availability of Results in Students Logins before notifications for filling re-evaluations forms.	Already Implemented			Examination
7. Issuance of Documents • DMCs with Result Notifications. • PDC/MC on Same Day.				
• Degree within 2 month from the declaration of Final Semester Results.		Jan. 2012		Examination
• Online Document Delivery System.				Examination
8. Online Correspondence • Letters /Notice in the login of Institute, Faculty Members and Students.	Already Implemented			Examination
• Result Notifications in Institute Logins.				
9. Digital Result Library		Process has been Started and it will be completed upto May-12		Examination
11.Question Bank for Online Examination. • MCQ (Multiple Choice Questions)			Process has been Started	Academics and Examination

Recommendation of Exam Reform Committee	Implemented In 1st Phase	To be Implemented In 2nd Phase (wef Exam May-12)	To be Implemented In 3rd Phase (wef Exam DEC-12 and onwards)	Action by/ To be Taken By Branch
12.Question Bank for Theory Examination. • Short Answer type Questions (2 marks) • Long Answer Type questions (5/10 Marks)		Process has been Started for B.Tech. 1st year Exam	To be implemented wef DEC-12 Exam	Academics and Examination
13.Online Evaluation of Answer Sheets			Pilot project Sample Evaluation Shall be started wef May-12 Exam	Examination
14.Applications based Cloud Computing.			Module of Q.ps and Evaluation of Answer Sheets shall be based on cloud based Technology	Examination
15.Future Plan • DMC printing and Issue by Institute.		Examination May-2012		Examination
• Online Document Verifications.		In phased manner wef Examination May-2012		Examination
• Online Correspondence by Institute to minimize the Time period to solve problems.		Examination May-2012		Examination
16.Continuous Evaluation • Online Updating of Attendance on Monthly Basis. • Online Updating of Awards of Monthly Test. • Online Updating of Internal Assessments Awards. Internal Assessment will be calculated on the basis of above.			Examination DEC-2012	Examination

Recommendation of Exam Reform Committee	Implemented In 1st Phase	To be Implemented In 2nd Phase (wef Exam May-12)	To be Implemented In 3rd Phase (wef Exam DEC-12 and onwards)	Action Taken by/ To be Taken By Branch
17.CCTV Cameras				
• Evaluation Centers		Examination May-2012		Examination
• Examination Center			Examination DEC-2012	Examination
• Paper Printing Cell/ Nodal Center		Examination May-2012		Examination
• Examination Branch of University		Examination May-2012		Examination
18.Academic Audit of Institutes	Academic audit of 25% Institutes have Been Done in session 2010-11	Academic audit of 25% more Institutes will be Done in session 2011-12		Academics

A. **Web based Online Applications System:**

Module	Details
Creation of Logins for	• Organizations Users • Institutions • All Faculty Members • All Students
Correspondence:	Dispatch of letters, Notices and Other Documents etc in concerned Logins. • Organizations Users • Institutions • All Faculty Members • All Students
Online Admissions	• Online Admissions from the logins of Institutes. • Control of admission with Sanctioned Intake. • Online filling of Basic information of students from the login of Students. • Uploading of Photo and Signature from the login of students.
Allotment of Roll No	• Automation System for the allotment of Registration cum Roll No for new Admitted Students.
Online Attendance and Compilation of Internal Assessment.	• Facility of Online Updating of Attendance of Students from the logins of the all Faculty members of the Institutes. It may be on Daily / Weekly/ Monthly Basis. • Online Compilation and Availability of Detainees in the login of all Institutes, Faculty members and Students. • Facility of Online Updating of Monthly Test/Assignments Awards of Students from the logins of the all Faculty members of the Institutes. • Online Compilation and Availability of Internal Awards in the login of all Institutes, Faculty members and Students.
Online Filling of Examination Forms	• Maintain the Data of Subjects of all Courses. • Online Creation of Schemes. • Online Filling of Examination Forms from the logins of Students. • Correction in wrong filled examination in the login of Institutes. • Creation of cut lists of duly filled Examination forms. • Creation of Detail of fee for Regular as well as Reappear Forms. • Availability of Statistics of Examination forms and fee in the login of Institutes and Board/University logins. • Online Creation of Challan in the logins of Institute for submission of fee in banks. • Facility to Bank for Verification of fee submitted in Bank. • Any other Module for fulfilling the requirement of University.
Strength of Students	• Strength of Students Examination Center wise, Course wise, Branch wise and Subject wise for Printing and Dispatch of Question papers. • Strength of Students Examination Center wise for Dispatch of Answer sheets.
Admit Cards	• Availability of Downloading (PDF) and Printing of admit cards in the login of Institutes/HOD/Students.
Conduct of Examination	• Creation of logins for Supdts, Observers and Flying Squad for

	Conduct of Examination. • Online Correspondence with Supdts, Observers and Flying Squad trough their logins. • Updating of Daily Report of examination centers from the concerned logins. • Updating of Absentee record of the students from the login of Supdt. • Updating of Daily Damage / Missing of Answer sheets. • Printing of Secrecy memo with generation automation Secrecy code.
Online Internal Theory and Practical (Internal and External) Awards	• Allotment of Department/Branch to HOD by Institute. • Allotment of subjects to Faculty members by HOD. • Updating of Internal Awards from the logins of Faculty members. • Facility of updating of awards by direct entry as well as through Excel files. • Downloading of awards in PDF for keeping in record of uploaded awards by all Faculty member login's. • Provision of Printing of uploaded awards. • Facility of unlocking of subjects allotted to faculty members for Correction of wrong filled awards. • Downloading of awards in excel files in the login of Board/University logins.
Uploading of Results in Logins of Students	• Showing of Internal Theory and Practical (Internal and External) awards in the login of students after updating by faculty members. • Uploading/showing of External awards in the login of students before declaration of result.
Online Filling Re-evaluation Form	• Facility of online filling Re-evaluation Forms in the login of Students/HOD/Institute. • Downloading of Re-evaluation Forms in PDF for keeping and printing to submission in the Board/University in the logins of HOD/Institute login's. • Printing of lists of filled re-evaluation form Course, semester wise. • Consolidated Reports of fees. • Downloading of facility in the login of Board/University of filled Re-evaluation Forms in excel format. • Updating of final results in the logins of the students. • Dispatch of Final results to the Institutes.

ANNEXURE-II

Online Documents Delivery and Verification of documents System

Module	Details
Online Documents Delivery System	• Online Request submissions for issuance of various documents as per requirement of the Organization. • NOC/Verifications from the concerned Institutes for issuance of documents. • Online fee payments from the applicants through online transactions and its settlements. • Availability of Documents Status in logins and through SMSs. • Various reports as per requirement of the Organization.
Documents Verifications	• Web based application for Online Verifications of issued documents. • Creation of logins for companies working on behalf of Embassies/Professional bodies etc on request basis.

Double Entry System (Online Module)

Works Descriptions	

	• Creation of Logins
	  - Organization
	  - Team-A
	  - Team -B
	• Allotment of works to different user
	• Tracking of packets
	• Comparison of award updated by Both Teams.
	• Status of pending / Updated Awards course/Branch/Semester/Institute wise.
	• Export of Awards in excels formats for filling of awards by users.
	• Import of Awards in excels formats filling of awards by users.
	• Importing/Exporting of Mismatch awards /Discrepancies list along with various information for tracing of answer sheets from stores.
	• Exporting of final results.
	• Student wise Searching of awards
	• Pre-Printing of award and exporting in pdf format.
	• Printing of final awards list from the logins of Organization/Both teams.
	• Enhancement in module as per requirement time to time.

Online Delivery of Documents / Question papers (Online Module)

Works Descriptions	- Creation of Logins - Organization - Publisher - End Users - Development of highly secured module to deliver the highly sensitive/confidential documents to various locations as per requirement at different locations. - Security involves various security features like encryptions and decryption of documents in various methods. - Documents should be delivered in the shape of original format and should not be effect the equations , symbols and digrams. - Documents should be protected with password at the time of uploading. 25 bit code should be provided to end user through SMS/email for downloading the secure documents. - Stand by Alternate module should be available as a back for emergency purposes. - Enhancement in module as per requirement time to time.

Module	Details
Offline Module for Preparation of Results	EDP cell requires the following facility in system for compilation and process of results. • Master of Branch, Semester and Subjects. • Creation of Schemes as per Board/University Norms.
Regular Results:	• Facility of Filling of Examination form, from the online data by importing with excel files. • Uploading of Internal Theory and Practical (Internal and External) by importing with excel files. • Uploading of absentee, UMC and Detainee by importing with excel files. • Uploading of external theory awards by importing with excel files. • Facility of pending awards by exporting in excels files. • Facility of control of UMC results as per norms of the university. • Auto facility of award of normal and adhoc grace marks as per norms of the University. • Dropping facility in the system for in eligible students. • Compilation of final results as per regulation of the University. • Printing of Gazette for dispatch of results to the Institutes. • Exporting of results for uploading of results on Board/University website. • Facility of revision of results is required in system for left out and wrong declared results.
Re-appear Results:	• Filling of Re-appear forms and declaration of results according to regulation with same facility given in the system for declaration of regular results.
Re-evaluation Results:	• Filling of Re-evaluation forms by importing with excel files. • Updating of awards by importing through excel files. • Compilation of final results as per regulation of the University. • Printing of Gazette for dispatch of results to the Institutes.
Merit List:	• Facility of Merit lists are required on single click after the declaration of each result.
Degree Statement:	• Provision of Degree Statement is required in the system for printing of degree • Exporting in PDF in system is required for printing of Degree with crystal reports.
Student's Ledger:	• Facility of student's ledger which includes basic information, detail of each semester result. in which students appeared in various examination is required on single click at the desk of officers.
Registration Cards:	• Facility of printing of Registration Cards of new admitted Students is e required.
Detail Marks Cards:	• Exporting in PDF in system is required for printing of DMCs with crystal reports. • Facility of printing DMCs is required to enable the printing of DMCs at institute level to minimize the period to issues the DMCs to the students.

Report:	• Various reports are required as per requirement of the Board/University which may be varied from time to time. • Various Statics are required as per requirement of the Board/University to analyses the declared results.
Dispatch of Results	• Provision of dispatch of results in logins of Institutes/HODs is required in system.

PUNJAB TECHNICAL UNIVERSITY
OFFICE OF DEAN (ACADEMICS)

Inter Office Memo

No.PTU/DA/OI- **5031**   Dated: **10|01|292**

From	To
Dean (Academics) PTU	Registrar PTU

Sub:- Submission of original MoU signed between Punjab Technical University (PTU), Jalandhar and Guru Kashi University, Talwandi Sabo.

As per the directions of Worthy Vice Chancellor that all the original MoUs must be submitted in the Registrar Office and a copy to be submitted in Library, the original MoU is sent to the Registrar office as per the following details:-

Sr.No.	MoU	Remarks
1	MoU between Guru Kashi University, Talwandi Sabo and Punjab Technical University, Jalandhar regarding collaborative academic, research & faculty development programme.	Original MoU enclosed

Dean (Academics)

CC: Assistant Librarian, PTU to maintain the record of MoUs signed by PTU.

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

GURU KASHI UNIVERSITY, TALWANDI SABO

AND

PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

[COLLABORATIVE ACADEMIC, RESEARCH & FACULTY DEVELOPMENT PROGRAMME]

1. **Guru Kashi University, Talwandi Sabo**, hereinafter referred to as "GKU", was established by an act of Punjab Govt. Bill No.34-PLA-2011. GKU was established by 'Balaji Educational Trust', which was started in the year 1997. Guru Kashi University is offering courses in the field of Engineering, Management, Life Sciences, Agricultural Sciences, Library Sciences etc. to cater the human resource needs of the industry of the neighboring areas and that of the international market, through its various constituent colleges.

2. **Punjab Technical University, Jalandhar (PTU)** was established by an act of State Legislature on 16th Jan.1997, to promote Technical, Management & Pharmaceutical Education in the state at the degree level and above. The University has the mandate to set up Centres of Excellence in Emerging Technologies and for promoting Training, Research & Development in these areas. Now the University, under its administration, has around 400 Colleges, offering Courses in Engineering, Management, Pharmacy, B.Sc. MLT, Hotel Management & Catering Technology and IT Disciplines and around 1000 Learning Centres under Distance Education Programme. It has taken new initiatives in technical education to provide latest trends in technology and give opportunity to student and faculty to interact with the technology leaders in the country including e-Governance to PTU.

This MEMORANDUM OF UNDERSTANDING (MoU) is entered into on this __09-01-2012__

BETWEEN

The **Guru Kashi University (GKU)** represented by its Vice-Chancellor, having its office at Talwandi Sabo, Distt. Bathinda, Punjab in India hereinafter referred to as the **FIRST PARTY**

AND

The **Punjab Technical University (PTU)**, represented by its Vice-Chancellor, having its office at Kapurthala (Punjab) in India hereinafter referred to as the **SECOND PARTY.**

WITNESSETH that

WHEREAS, the First Party is an Educational Institution of National importance engaged in advancement of teaching, research and extension activities in various fields of science, technology and education.

WHEREAS, the Second Party is an Educational Institution of National importance engaged in advancement of teaching, research and extension activities in various fields of professional education.

WHEREAS both, the First Party and the Second Party have come to an understanding to promote Teaching, Research and Education

NOW, THEREFORE, IT IS HEREBY MUTUALLY AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

1. **STATEMENT OF PURPOSE INCLUDING OBJECTIVES**

   To have collaborative academic, research and faculty development programme in the area of Management, Education, Engineering, Science and Technology.

2. **TERMS AND CONDITIONS**
   (These are general guidelines and may need to be modified on case to case basis)

   (i) This MoU is valid for a period of **Five years** at the first instance, but can be extended with the consent of both the parties.

   (ii) This MoU shall be deemed to have been automatically rescinded after the expiry of the MoU period, unless renewed for any further period as per mutually agreed upon terms at a later stage.
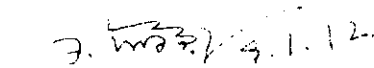
(iii) Either of the parties hereto shall been entitled to terminate the MoU at any time with valid reasons, acceptable in writing to both parties and in such case, the MoU will terminate six months after the date of written notification or on the date of expiry of the MoU, whichever is earlier. In case of such premature termination of the MoU, all rights and obligations of both parties shall automatically cease, except for those covered by written contracts including ongoing collaborative activity that can no longer be cancelled.

(iv) In case of any dispute that may crop up during execution of MoU, the matter would be settled through arbitration by referring to Arbitration Committee comprising of three members. Two members, nominated one by each party and third member will be jointly nominated by the two parties.

(v) Faculty of both the Universities and that of its affiliated / constituent colleges will be considered at par for the purpose of attending / organizing faculty development programme.

(vi) One party can extend its facilities for the other party to organize Faculty Development Programme for the faculty of either / both parties.

(vii) Faculty of both the Universities and that of its affiliated / constituent colleges will be considered at par for the purpose of research guidance.

(viii) The available research facilities of both the Universities and that of its affiliated / constituent colleges will be open for the research scholars registered with either of the Universities. To utilize these facilities the research scholars will be considered at par with the research scholars of either of the University.

(ix) Both the Universities can collaborate on research projects and joint proposals may be submitted to the funding agencies.

(x) Research scholars can fulfill the residency requirements from either of the University.

(xi) All credits and benefits for collaborative work including the intellectual property (IP) generated during the tenancy of project would be equally shared between both parties i.e. both parties shall be the joint owners of this IP.

(xii) The collaborative programme between two parties shall be coordinated by a Coordination Committee consisting of one member from each party.

(xiii) The decision regarding patenting of the technology developed shall be taken jointly by the Co-ordination Committee. In case the technology developed is to be patented, the cost of patent and benefits accrued shall be shared as per the consent of both the parties. Rights pertaining to third party, if any will be decided jointly by the first two parties. Rights for commercialization shall rest jointly with both the parties and shall be decided by the coordination committee. In case of involvement of private sector, decision will be taken through joint consultation and keeping in view the consent of both the parties.

IN WITNESS WHEREOF, the authorized representatives of both parties have hereunto affixed their signatures on the dates indicated below:

For the
Guru Kashi University, Talwandi Sabo

Dr. D.S. Hira
Vice-Chancellor, GKU

For the
Punjab Technical University, Jalandhar
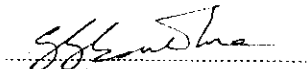
Dr. Rajneesh Arora
Vice-Chancellor, PTU

Date: 09 -01-2012

WITNESSES
Signed in the presence of

Prof.S.S.Sandhu
Registrar, GKU

Signed in the presence of

Dr. H.S.Bains
Registrar, PTU
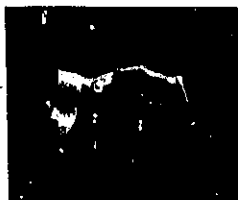
MEMORANDUM OF UNDERSTANDING

BETWEEN

National Institute of Technical Teacher's Training and Research (NITTTR), Chandigarh

AND

PUNJAB TECHNICAL UNIVERSITY, Jalandhar

For knowledge & skill upgradation

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ

This memorandum of understanding (MOU) is entered into this 26th day of December, 2011 between National Institute of Technical Teacher's Training and Research (NITTTR) Sector – 26, Chandigarh (herein after referred to as NITTTR , Chandigarh) of the first party and the Punjab Technical University (referred to as PTU, Jalandhar) as the second party.

Whereas National Institute of Technical Teacher's Training and Research, Chandigarh (NITTTR) is one of the four institutes established by the Government of India for the development of technical education in the country and is nationally and internationally recognized for its contributions in the area of promoting excellence in teaching and research in technical education system.

Whereas the Punjab Technical University, Jalandhar (referred to as PTU, Jalandhar) a university of high repute, is playing a vital role in providing technical manpower and know- how to the country and technical system as a whole. It is considered as a trend- setter in the area of education and research in the field of Engineering, Technology, Science and Management.

Now therefore, in consideration of the premises and quality improvement of technical education, NITTTR, Chandigarh (the first party) and PTU, JALANDHAR (the second party) hereto agree as follows:-

1. Both the parties will collaborate in the areas of common interest pertaining to teachers training, curriculum development, instructional material development and research.

2. NITTTR, Chandigarh will conduct faculty and staff development programmes for PTU, Jalandhar or colleges affiliated to PTU on the mutually agreed areas and other terms and conditions.

3. NITTTR , Chandigarh will assist PTU in preparing DPR for establishing appropriate facilities for conducting faculty development programmes etc. at PTU, Jalandhar on mutually agreed terms and conditions.

4. NITTTR, Chandigarh will provide support to PTU, Jalandhar in establishing the proposed technical teacher's training centre /Institute of PTU, Jalandhar on the mutually agreed terms and conditions.

5. As and when approached by NITTTR, Chandigarh, PTU Jalandhar will provide certification or degree to various programmes conducted by NITTTR, Chandigarh.

6. NITTTR, Chandigarh will assist PTU, Jalandhar by providing expertise and training for developing studio, producing video materials and ICT related facilities etc. on mutually agreed terms and conditions.

National Institute of Technical Teacher's Traning and Research, Chandigarh

7. NITTTR, Chandigarh and PTU, Jalandhar will collaborate in all such academic and research programmes which are of interest to both the parties and will abide by the mutually agreed terms and conditions.

8. The MOU will remain valid for 3 years from the date of signing and may be continued thereafter through suitable review and agreement.

9. Neither of the two parties will be responsible for any loss or damage that may occur during the operation of this MOU to the property, staff/ faculty/ officials of the other party or any person hired by the other party.

IN WITNESS WHERE OF the parties hereto have caused this MOU to be made in English and executed by their respective duly authorized representatives on the day and year as mentioned above.

Signed and delivered   Signed and Delivered

For and on behalf of   for and Behalf of

National Institute of Technical Teacher's   Punjab Technical University,
Jalandhar

Training and Research, Chandigarh

Prof. (Dr.) K.M. Rastogi,   Prof. (Dr.) Rajneesh Arora

Director   Vice Chancellor

NITTTR, Chandigarh   PTU, Jalandhar

In Presence of Witness

1   Dr. S.S. Pattnaik   26.12.2011   Dr. Nachhattar Singh
     Prof. & Head, ETV Centre   Dean, Planning & Development
     NITTTR, Chandigarh   PTU, Jalandhar

2.   Dr. Rakesh Watts   2   Dr. Buta Singh
     Faculty Incharge (Admin)   Dean Academics   26/12/2011
     NITTTR, Chandigarh   PTU, Jalandhar

Place: _____   Date: ___26.12.2011___

Agreement

Between

The Times Group

(A product of Bennett, Coleman & Co. Ltd.)

And

Punjab Technical University

For a bimonthly in-house newsletter

Term of the MoU (March 2012 to February 2013)

The Times group has always endeavoured to have meaningful collaborations with its business associates and in this context we propose a bimonthly In-house newsletter to be distributed to the students of the University.

Your nominee(s) and our editorial team would decide on the content for the tabloid. Our editorial team would execute the design, printing and editing. The content could be user generated (contributed by students/teachers of PTU, Jalandhar along with the relevant articles by the Times Editorial and our archives.

The front cover of the magazine would carry the name of the newsletter along with the logos of The Times of India Group and Punjab Technical University and read "A Times Group Presentation". The following are the logistics and broad framework within which we would be working.

- The frequency of the newsletter would be bimonthly.
- The newsletter would be in the form of a 16 page all colour Tabloid on 56 GSM paper
- The per copy printing cost would be Rs 5 per copy subject to a minimum print order of 50000 copies and would remain the same for up to 75000 copies.
- This rate would be valid for a period of one year beginning 1st March 2012, and would not be revised during this period.
- 5000 copies of the newsletter would be delivered at the Punjab Technical University Campus Jalandhar. For the remaining copies, we would be provided the list of locations along with number of copies for each location and paid the cost of distribution as per actuals.
- The Times Group would be utilizing a maximum of 30% space for advertising to meet the miscellaneous expenses.
- As suggested the newsletter would have a cover prize of Rs 5/-
- Payment for the newsletter would be made in advance by the University on the basis of performs Invoice.
- In the event of PTU unable to fulfil its commitment of 6 issues of Eduquest in the period (March 2012 to Feb 2013), a 10% additional cost will be levied per issue on issues already published.
- This offer would be subject to clearance of our legal/brand team basis our inputs on design of Masthead along with other statutory inputs on copyright, printing & publishers & usage of Times Group Logo.
- Design and editorial text will be printed on the prior approval of the PTU.
- All legal court issues are subject to Jalandhar Jurisdiction.
- Front and back page of the tablet size newspaper (Eduquest) is meant for PTU and no advertisement will be printed.

We are sanguine that you will appreciate that we are offering you a niche product at highly competitive price.

As the newsprint industry has been witnessing great volatility in newsprint price, the rate quoted is as per the current prevailing prices. We are however giving you the benefit of rate freeze for one year which would be subject to a three year contract.

We look forward to your approval for this meaningful association.

Manoy Roy
Branch Head
The Times of India, Chandigarh

Dr H.S.Bains
Registrar
Punjab Technical University, Jalandhar

Memorandum of Understanding (MoU)

between

Punjab Technical University, Kapurthala

and

Indian Institute of Tourism and Travel Management

(Collaborative Academic and Research Programme)

1. Punjab Technical University (PTU) was established by an act of State Legislature on 16th January 1997, to promote Technical, Management & Pharmaceutical Education in the state at the degree level and above. The University has the mandate to set up Centres of Excellence in Emerging Technologies and for promoting Training. Research & Development in these areas. One of the main focuses of the University at this time is in the area of professional & skill oriented technologies to the masses. The University has undertaken the task of training students to help in the development of skilled manpower in this sector in the country in general and he state in particular. With this goal in mind, the University is promoting a number of courses in different streams in regular as well as distance education programmes. Now the University, under its administration, has around 300 Colleges, offering Courses in Engineering, Management, Pharmacy, B.Sc. MLT, Hotel Management & Catering Technology and IT Disciplines and around 2000 Learning Centres under Distance Education Programme. It has taken new initiatives in technical education to provide latest trends in technology and give opportunity to student and faculty to interact with the technology leaders in the country including e-Governance to PTU.

2. Indian Institute of Tourism and Travel Management (IITTM), an organisation of Ministry of Tourism, Government of India, is the oldest and largest tourism school in South Asia. As a dedicated tourism school, IITTM, engages in divers activities ranging from teaching and training to research and consultancy in tourism and allied fields. IITTM caters to the tourism needs of the country through its centres located in different regions of the country. IITTM has its headquarters at Gwalior in Central India. Centres of IITTM are located at Delhi (north), Goa (West), Bhubaneswar (East) and Nellore (South). IITTM from its different centres offers two year Post Graduate Diplomas in Management. These programmes are all approved by All India Council for Technical Education (AICTE). Besides these programmes, IITTM is also exclusively responsible for training the highest level of tour guides (Regional Level Guides) who are licensed by Central Government. IITTM is fast becoming the think tank for the government. It conducts researches to provide necessary inputs for policy making and evaluation. IITTM is also approached by various public and private parties for consultancies including specialist training, feasibility reports preparation etc. IITTM also carries out extension programmes. IITTM is also the nodal agency for Central Government's ambitious Capacity Building for Services Providers (CBSP) scheme.

This Memorandum of Understanding (MOU) is entered into on this _____ day of July, 2011 between

The Punjab technical University (PTU) represented by its Vice Chancellor, Having its office at Kapurthala (Punjab) in India hereinafter referred to as the *PARTY OF THE FIRST PART* and The Indian Institute of Tourism and Travel Management (IITTM) represented by its Director, having its office at Govindpuri, Gwalior (M.P.) in India hereinafter referred to as the *PARTY OF THE SECOND PART.*

WITNESS that

WHEREAS, the Party of the First part is an Educational Institution engaged in advancement of teaching, research and extension activities in various fields of technical education; and

WHEREAS, the Party of the Second Part is an Educational Institution of National importance engaged in advancement of teaching, research and extension activities in various fields of tourism and allied sectors.

WHEREAS both, the party of the First Part and the party of the Second Part have come to an understanding to promote Teaching, Research and Education

NOW, THEREFORE, IT IS HEREBY MUTUALLY AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

1. **STATEMENT OF PURPOSE INCLUDING OBJECTIVES**
   To have collaborative academic and research programme in the area of tourism and allied sectors.

2. **TERMS AND CONDITIONS** (These are general guidelines and may need to be modified on case to case basis).

   (i) This MoU is valid for a period of **five years** at the first instance, but can be extended with the consent of both the parties.
   (ii) This MoU shall be deemed to have been automatically rescinded after the expiry of the MoU period, unless renewed for any further period as per mutually agreed upon terms at a later stage.
   (iii) Either of the parties hereto shall be entitled to terminate the MoU at any time with valid reasons, acceptable in writing to both parties and in such case, the MoU will terminate six months after the date of written notification or on the date of expiry of the MoU whichever is earlier. In case of such premature termination of the MoU, all rights and obligations of both parties shall automatically crease, except for those covered by written contracts including ongoing collaborative activity that can no longer be cancelled.
   (iv) In case of any dispute that may crop up during execution of MoU, the matter would be settled through arbitration by referring to Arbitration Committee of a member nominated each by two parties and one member will be jointly nominated by two parties.
   (v) Faculty of both the Universities will be considered at par for the purpose of research guidance.
   (vi) Faculty of Indian Institute of Tourism and Travel Management would be able to register scholars who have successfully completed AICTE approved 2 years PGDM/PGDBM (where the duration of the course is at par university MBA) programmes from any of IITTM centers. Faculty would also be allowed to register candidates for the programme at it different centers.
   (vii) Scholars so completing the requirements of the research programme shall be awarded PhD degree by Punjab Technical University, Kapurthalla.
   (viii) The available research facilities of both of the institutions will be open for the research scholars registered at either of the institutions. To utilize these facilities the research scholars will be considered at par with research scholars of either of the institution.
   (ix) Research scholars will fulfill the coursework and residency requirements from the respective institutions.

(x) Both the Institutions can collaborate on research projects and joint proposals may be submitted to the funding agencies.

(xi) All credits and benefits for collaborative work including the intellectual property (IP) generated during the tenancy of project would be equally shared between both parties i.e. both parties shall be the joint owners of this IP.

(xii) The collaborative programme between two parties shall be coordinated by a Coordination Committee consisting of one member from each organization.

IN WITNESS WHEREOF, the authorized representatives of both parties have hereunto affixed their signatures on this 10th day of June, 2011 as indicated below:

For the

Indian Institute of Tourism and Travel
Management, Gwalior

For the

Punjab Technical University
Kapurthala

_— Sd_

Director

_—Sd_

Vice Chancellor

WITNESSES

Signed in the presence of

Signed in the presence of

_— Sd_

_—Sd_

PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

ACADEMIC CALENDAR

Session: 2012-13

Sr. No.	Description	Period
	Odd Semester	
1.	Session	15 July 2012- 10 November 2012
2.	First Mid Semester Examination	August, 2012 (16th-18th)
3.	Second Mid Semester Examination	September, 2012 (20th- 22nd)
4.	Third Mid Semester Examination	November, 2012 (1st-3rd)
5.	Preparatory Holidays	November, 2012 (10th – 15th)
6.	End Semester Examination	November, 2012 (16th) – December 2012 (5th)
7.	End Semester Practical Examination	December , 2012 (8th– 14th)
8.		December 2012 (15 to 31)
	Even Semester	
9.		7th January, 2013 – 24th April 2013
10.	First Mid Semester Examination	January, 2013 (23rd, - 25th)
11.	Second Mid Semester Examination	February, 2013 (28th) – March 2013 (1st & 2nd)
12.	Third Mid Semester Examination	April, 2013 (1st - 3rd)
13.	Preparatory Holidays	April, 2013 (24th – 28th)
14.	End Semester Examination	April, 2013 (29th) - May 2013 (19th)
15.	End Semester Practical Examination	May, 2013 (20th - 25th)
16.	Institutional Training/ Workshop Training	May 2013, (13th) - July 2013 (06th)
17.		May, 2013 (26th) – July 2013 (10th)

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Punjab Technical University Jalandhar

Introduction:

The University Grants Commission (UGC), established in November 1956 as a statutory body of the Government of India through an Act of Parliament, has the unique distinction of being the only grant-giving agency in the country which has been vested with two responsibilities: that of providing funds and that of coordination, determination and maintenance of standards in institutions of higher education.

The UGC's mandate includes Promoting and coordinating university education; Determining and maintaining standards of teaching, examination and research in Universities; Framing regulations on minimum standards of education; Monitoring developments in the field of collegiate and university education; Disbursing grants to the Universities and Colleges; Serving as a vital link between the Union and State Governments and institutions of higher learning; Advising the Central and State Governments on the measures necessary for improvement of university education. To monitor standards of the higher educational institutions it has established the National Assessment and Accreditation Council (NAAC) as an autonomous body, under section 12 (ccc) of its Act in September 1994. NAAC is entrusted with the task of performance evaluation, assessment and accreditation of Universities and Colleges in the Country. The philosophy of NAAC is ameliorative and enabling rather than punitive or judgmental, so that all constituencies of institutions of higher learning are empowered to maximize their resources, opportunities and capabilities.

NAAC has been instilling a momentum of quality consciousness amongst Higher Educational Institutions (HEIs or 'Institutions'), aiming for continuous improvement. NAAC is triggering a 'Quality Culture' among the various constituents of the HEI, as well as enhancing the awareness of Institutional Quality Assurance with all stakeholders. At this instance Punjab Technical University has proposed to establish the Internal Quality assurance Cell (IQAC) as a pre accreditation quality sustenance activity.

The IQAC is meant for planning, guiding and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities of the HEIs. The IQAC may channelise and systematize the efforts and measures of an institution towards academic excellence.

Goals
  a. To develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the HEIs;
  b. To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

c. The documentation and record-keeping Cell for the institution including assistance in the development of the API criteria based Performance Based Appraisal System (PBAS) performa using the indicative template separately developed by UGC.

d. The IQAC may also introduce, wherever feasible, the student feedback system as per the NAAC guidelines on institutional parameters without incorporating the component of student's assessment of individual teachers in the PBAS.

e. Document and collate annually the performance of Teachers for follow up by the University /college authorities. To prepare and publicize within six months subject-wise lists of journals, periodicals and publishers under categories III A and B of PBAS.

f. Implementation of CAS Promotion for teachers.

The IQAC shall have the following functions

a. Development and application of quality benchmarks/parameters for the various academic and administrative activities of the HEI;

b. Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;

c. Arrangement for feedback responses from students, parents and other stakeholders on quality-related institutional processes;

d. Dissemination of information on the various quality parameters of higher education;

e. Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;

f. Documentation of the various programmes/activities of the HEI, leading to quality improvement;

g. Acting as a nodal agency of the HEI for coordinating quality-related activities, including adoption and dissemination of good practices;

h. Development and maintenance of Institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;

i. Development of Quality Culture in HEI;

j. Preparation of the Annual Quality Assurance Report (AQAR) of the HEI based on the quality parameters/assessment criteria developed by the relevant quality assurance body (like NAAC, NBA, AB) in the prescribed format;

k. Bi-annual development of Quality Radars (QRs) and Ranking of Integral Units of HEIs based on the AQAR;

l. Interaction with SQACs in the pre and post accreditation quality assessment, sustenance and enhancement endeavours.

IQAC Composition as per NAAC: To channelize and systematize the efforts and measures of an institution towards academic excellence, the IQAC may be formed in accordance with NAAC's guidelines. The IQAC will undertake all steps and measures as per NAAC guidelines for improving academic performance and quality culture. The IQAC of following members is constituted for Punjab Technical University.

S.No.	Designation	Name	NAAC Composition
1.	Vice Chancellor	Dr. Rajneesh Arora	Chairperson
2.	Dean (Research, innovation and Consultancy) Director/Coordinator of IQAC	Dr. A. P. Singh	Member Secretary
3.	Senior faculty members and administrative officer		
a)	Registrar	Dr. H.S. Bains	Member
b)	Dean (Distance Education)	Dr. N. P. Singh	Member
c)	Dean (Academics)	Dr. Buta Singh	Member
d)	Dean (Planning and Development)	Dr. Nachhatter Singh	Member
e)	Joint Registrar (Student Welfare)	Dr. R. P. S. Bedi	Member
f)	Director Finance	Sh. S. K. Mishra	Member
g)	Controller of Examination	Dr. Balkar Singh	Member
h)	Head, Department of Management	Dr. Harmeen Soch	Member
i)	Principal, Giani Zail Singh Campus Bathinda	Dr. J. S. Hundal	Member
4.	Three external experts		
a)	Quality Management	Dr. S.C. Vadiya	Member
b)	Industry	Chairman , CII , Punjab (Ex-officio)	Member
c)	Local Community	Sant Balbir Singh Seechewal Ji	Member

The members at Sr.No.3 and 4 shall be nominated for **two years** by the Vice-Chancellor of the University in consultation with the Academic Council of a University. The IQAC should meet at least once in quarter. The quorum for the meeting shall be two third of the total members.

Punjab Technical University

Minutes of meeting

Agenda : *SISU-PTU Cooperative exchange .*

Venue : *Office of Hon'ble Vice Chancellor, PTU*

Date & Time : *2 March, 2012 at 11:15 am*

Members present :
1. **Dr. Rajneesh Arora,** *Honorable Vice Chancellor, PTU*
2. **Dr. Scient, Sigurd Meldal,** *Professor & Chair computer Engg. SISU*
3. **Dr. Mark Novak,** Associate Vice President, SISU
4. **Dr. Butta Singh,** *Dean Academics, PTU*
5. **Dr. A.P Singh,** *Dean R & D, PTU*
6. **Dr. N.P.Singh.** *Dean Distance Education, PTU*
7. **Dr. Baltej Singh Mann,** *Professor & Head, SGTB*
8. **Dr. Mehar S. Mahal,** Management Consultant, USA
9. **Dr. Sehaj Pal Singh,** *Professor and Head, GNDEC Ludhiana*
10. **Dr. KS Mann,** *Associate Professor, GNDEC Ludhiana*
11. **Dr. Krishan Kumar Saluja,** *Associate Professor, PIT, Kapurthala*
12. **Er. Barinderjit Singh,** *Assistant Professor, PTU*

All the members activity participated in the discussion and following strategies for fitting the Silicon Valley experience into the PTU system are outlined:

1. Various subjects of $7^{th}/8^{th}$ semester B.Tech (Computer Science Engg.), PTU will be taught at SISU by their faculty during student exchange program (already finalized with GENDEC) Curriculum of PTU, B.Tech. CSE will be mapped with SISU curriculum for establishment equivalency of the subjects at both ends. The BOS (computer Science) shall be directed to do the necessary exercise before 10th March, 2012. The similar strategy will be followed for other disciplines.

2. Students from PTU will be sent on summer training at SISU and they will get an option to pursue their master's programme at SISU and vice versa

3. Dual degree / integrated programmes are also explored in which a part can be done at PTU and the other part may be done at SISU or vice-versa.

4. Deserving and needy students may be allowed for concessions in fee.

5. In order to develop faculty for PTU, faculty development programmes may be conducted at PTU by using the faculty resources of SISU.

6. Specialized trainings may be offered to faculty of PTU and its affiliated colleges at SISU.

7. Collaborative research may also be initiated.

8. Faculty exchange programme will be explored so as to tap the potential at both the ends.

Sr. No.	CollegeName	Country Name	2010-11			2011-12			G. Total
			Boys	Girls	Total	Boys	Girls	Total	
1	SPCET. Lalru	Nepal	NIL	NIL	NIL	1	-	1	
						1		1	2
2	DIET, Kharar	Uganda					1	1	1
3	Landran	Nepal	NIL	NIL	NIL	1		1	
		Nepal				1		1	
		Nigeria					1	1	3
4	SPEC, Mohali	Nepal	NIL	NIL	NIL	2	NIL	2	2
5	BGIET, Sangrur	Nepal	NIL	NIL	NIL	3	1	4	4
6	Doaba Col. Of Pharmacy, Ghataur	Uganda	1	1	2	NIL	NIL	NIL	2
7	GNDEC, Ldh	Nepal	NIL	NIL	NIL	3	NIL	3	3
8	RIMT	Fransisco (UK)	NIL	NIL	NIL	1	NIL	1	1
9	PCET, Badowal	Tanzania	6	4	10	6	2	8	
		Uganda	NIL	NIL	NIL	1	5	6	
		Lesotho	NIL	NIL	NIL	3	5	8	
		Mozambique	7	1	8	NIL	1	1	
		Afghanistan	3	NIL	3	6	NIL	6	
		Bhutan	NIL	NIL	NIL	3	5	8	
		Angola	NIL	NIL	NIL	1	NIL	1	
		Zimbabwe	1	5	6	1	1	2	
		Nigeria	NIL	NIL	NIL	1	NIL	1	70
		USA	1	-	1	-	-	-	
		Rwanda	1	-	1	-	-	-	
10	Dr. It Group of Inst.	NIGERIA	NIL	NIL	NIL	2	NIL	2	2
11	Desh Bhagat Inst.. M G.	Ghana	NIL	NIL	NIL	1	NIL	1	1
12	Quest	NEPAL	0	0	0	14	2	16	16
13	Hotel & Catering Mgt. Inst.	NEPAL	5	-	5	11	2	13	
		Thailand	-	-	-	-	1	1	
		Canada	-	-	-	1	-	1	20
14	KCL.Jal	UK	-	-	-	-	1	1	1
	G.Total		25	11	36	64	28	92	128

Sr. No	Discipline	2010-11				2011-12			
		1st total seats Available	1st Filled Seats	LEET (2ND)	Vacancies	1st total seats Available	1st Filled Seats	LEET (2ND)	Vacancies
1	B. Engineering	33525	23565	5759	9960	40050	20655	7880	19395
2	B. Architecture	350	310	NA	40	360	232	NA	128
3	B. Pharmacy	1520	1226	231	294	2130	847	183	1283
4	B. HMCT	840	473	NA	367	555	127	NA	428
5	B. Management (BBA)	4890	2649	11	2241	4970	2351	11	2619
6	Bachelor (Non-Aicte)	2820	1194	84	1626	5170	1970	96	3200
7	MCA	3195	1619	NA	1576	3775	1945	NA	1830
8	M- Tech Engineering	2719	2002	NA	717	3836	2179	NA	1657
9	M. Pharmacy	506	412	NA	94	789	472	NA	317
10	MBA	8610	4347	NA	4263	10158	3866	NA	6292
	Grand Total	58975	37797	6085	21178	71793	34644	8170	37149

The PTU Consortium:

In an endeavour to provide the e journals at discounted prices to all its affiliated colleges, the university authorities have managed to get 15% discount on subscription of these journals. The university itself offered 10% discount as a grant to all the affiliated colleges so that more no of colleges may join it and would be able to provide the better research facilities to its students and faculty. The subscription cost of these journals through DELNET was Rs 52,500 + 7,500 (Delnet Subscription charges) i.e total subscription cost was Rs 60,000 for per Engg package. Whereas by joining the PTU consortium the colleges have got this package in just Rs 39,375. i.e in actual at 35 % discount in total. It is worthy to mention here that none of the colleges throughout the India has able to get that much discount on any of these e journals. Appreciating the sincere and candid dealings of the university authorities the publisher has offered PTU the reimbursement of the 15 % discount amount to those PTU colleges who somehow missed to join the PTU consortium but has subscribed these e journals through DELNET. Those who wish to avail this reimbursement may send their application to the Dean (Academics).

Details of the PTU Consortium

Sr. No	Products	No. of Colleges	Subscription Cost	DELNET subscription cost	Total Amount	Colleges Paid
1	Info Tract Engg. Sci. Tech. Collection	47	2467500	352500	2820000	1850625
2	Info Tract Management Collection	39	2047500	292500	2340000	1535625
3	Infotract Pharmacy Collection	11	346500	82500	429000	259875
4	GREENR (For Arch.)	2	123860	15000	138860	92896
Total		99	4985360	742500	5727860	3739021

PTU Colleges Saved Almost Rs (20,000,000.)Twenty Lakh.

On the lines of E journals consortium the PTU authorities are also planning to form a PTU consortium to finalise a panel of book suppliers or distributors for the procurement of printed and E books at high discount rates.

Orientation Program: The one day orientation program is being organised at PTU campus to provide faculty and Librarians in house training and orientation regarding the effective and efficient usage of these e journals and databases. The final date and other details regarding this orientation program will be communicated in the Principal's login shortly.

The Services presently available at PTU Library.

E journals: In an order to provide the better research facilities to its Research Scholars, faculty members and students the university has provided access to numerous e journals. The detail of E journals available at PTU is as follows.

1.   **ASME:** The library has provided electronic access to International Journals of American Society of Mechanical Engineers (ASME).ASME's online digital library provides over 30,000 journal articles and more than 30,000 conference proceedings papers as well as eBooks.

2.   **ASTM Standards and Digital Library:** The library has also provided access to ASTM's Standards and Engineering Digital Library which has more than 12,000+ standards,1400 + e books, 15,000 + Journal articles and 47,000 + total papers, Chapters and articles.

3.   **Science Direct:** The PTU has processed the subscription of the Science Direct Engineering and Computer Science Collection. Science Direct is a leading full-text scientific and technical database offering journal articles and book chapters from more than 2,500 peer-reviewed journals and more than 11,000 books. There are currently more than 9.5 million articles/chapters, a content base that is growing at a rate of almost 0.5 million additions per year.

4.   **IEEE (ASPP):** IEEE All Society Periodical Package high-quality technical literature with the power of online searching. It has Over 148 IEEE online society-sponsored journals, transactions and magazines; Peer-reviewed publications, concentrating on theoretical and experimental papers; Quality magazines focusing on practical applications in research, design, and specification; Full-text PDFs of 188,000+ articles. The most highly cited journals in the field; Nearly three million abstract records from over 1.6 million authors; Backfile to 2005;Online access to articles accepted for future print publication.

5.   **Gale Cengage :**

1)   Info Trac Engineering, Science & Technology Collection (IESTC):-

Total Titles   :   1152
Current Full- Text   :   587
Abstracts   :   2

Info Trac Engineering, Science & Technology Collection (IESTC) features the best selection of more than 1150 journals covering various streams of Engineering, Technology & Allied Science.
Most cited & reliable journals for students, researchers and professionals.
For most of the periodicals, coverage begins as early as 1980 for indexing.

2)   Info Trac Management Collection (IMC):-

Total Titles   :   1990
Current Full- Text   :   743
Abstracts   :   571

IMC is a best selected list of journals covering all streams of management.
This innovative full- text online resource allows users to search articles instantly by title, subject, publication, country or other fields.
The publishers in the collection include IGI Global, Sage, John Wiley, OUP and many more.

3) Info Trac Pharmacy Collection (IPC):-

Total Titles   :   509
Current Full-Text   :   112
Abstracts   :   342

Info Trac Pharmacy Collection (IPC) is designed for students, scholars and teachers at primary and core pharmacy and core pharmacy research. This collection covers many subject areas, including Human Anatomy and Physiology, Therapeutics, Dispensing Pharmacy, Clinical Biochemistry, Pharmacology, Pathology, Business of Pharmaceuticals etc.
IPC is a fine collection of carefully selected journals that is available on Gale's Power Search TM platform.

4) Hospitality, Tourism and Leisure Collection+ Culinary Arts Collection:-

With current and relevant content from over 500 industry journals, this collection provides well-rounded coverage of both the historical and current state of affairs in the hospitality and tourism field, while also allowing for focused study of specialized aspects of the industry - including cultural aspects of travel, leisure activities, economic aspects of tourism, and more.

5) GREENR (Global Reference on the Environment, Energy, and Natural Resources):-

The Global Reference on the Environment, Energy, and Natural Resources focuses on the physical, social, and economic aspects of environmental issues. Topic, organization, and country portals form research centers around issues covering energy systems, health care, agriculture, climate change, population, and economic development. Portals include authoritative analysis, academic journals, news, case studies, legislation, conference proceedings, primary source documents, statistics, and rich multimedia. Use Browse Issues and Topics, World Map, Basic Search or Advanced Search to explore the database.

GREENR (Global Reference on the Environment, Energy, and Natural Resources) brings a balanced assortment of multimedia that delivers:

The content that empowers users:
i)   Hundreds of English-language international newspapers, magazines and refereed journals
ii)   Recognized sources of videos, podcasts and images, updated daily
iii)   Searchable case studies to support targeted research
iv)   A variety of search and browse options
The technology that gets results:
i)   Interactive maps that facilitate browsing by country or topic
ii)   Sharing capabilities via social networking sites
iii)   Customizable news and journals on the homepage to accommodate specific search needs
The portals to greater understanding:
i)   Country portals covering more than 160 nations
ii)   Topic/Issue portals in more than 150 categories, from animal welfare to nutrition
iii)   Organization portals providing overviews and links to international associations

6) Info Tract Social Collection:-

InfoTrac Social Science Collection (ISSC) is a carefully selected list of journals covering all the streams of Social Sciences.

This full-text online resource allows users to search articles instantly by title, or subject, publication, country or other fields eliminating random searching through back-files.

ISSC advance search enables you to search articles, advertisements, surveys, audio-visual reviews, case overview, viewpoint essays, case notes, case studies, chronologies, charts, definitions, discussions and many more specific areas for focused study and research.

InfoTrac Social Science Collection features:

Some of the study areas covered include Gender Studies, Family & Marriage, Law, Anthropology, Sociology etc.

Description	Numbers
Total Journals	696
Full-Text Journals	696
Non Embargo Journals	619
Peer Reviewed Journals	336
Newspapers, Newswires & Newsletters	33

6. **Emerald:** Emerald Engineering is most comprising abstracts and full- text articles in 19 internationally acclaimed journals; the Emerald Engineering e-journals collection covers core aspects of engineering technology in two subject areas: Mechanical and Materials Engineering and Electrical and Electronic Engineering for librarians, faculty, researchers, teachers and deans available today.

    Core content- 1,00,000+ full text articles taken from 200 primary journals and 2,00,000+ structured review abstracts from a further 300 of world's top management journals.

    This journal is under process.

7. **MOU For Inter Library Loan:** The PTU library has also signed an MOU for Inter Library Loan where any required Book/ Journal/CD etc can be asked on loan from 2084 libraries of Seven Countries including United States, UAE, Philippines, Sri Lanka, Pakistan , Oman, Nepal and India.

8. **Database of Thesis and Dissertations:** The PTU has more than 1000 Ph D and M Tech Dissertations available in its library. The computerised subject wise list of these thesis and dissertations is also available. Any faculty member or Research scholar can access these thesis and dissertation on any working day.

9. **Resource Sharing and Networking.** The Punjab Technical University is trying to provide the maximum resources to its faculty and students. In this endeavour PTU is planning to form a network of all the affiliated college libraries to share the resources among them. This will help the faculty and students to access more resources without spending any extra money. This is a noble effort so all the Principal/Directors of the affiliated colleges are requested to bring the Hard and soft copy of list of their library holdings in excel format and submit it to the office of the Dean (Academics). The university will compile a union catalogue of the collection available at all the affiliated colleges and make a provision that the photocopy of any desired book/journal may be asked from any of the library on request.

10. **Book Fair :** The Punjab Technical University is organising a book fair on 20th and 21st March, 2012 at PIT , Kapurthala.

Sl. No	College / Instituted	Proposed agenda
1.	CTIMIT	Pending DMC and Degrees of different classes and courses e.g. (B.Sc. ATHM 2009 batch 3rd, 4th & 5th Sem)
2.	Global College of Engineering& Technology, Khanpur Khui	**1. Establishment of Centres of Excellence for Quality Education** Research and Development is the major thrust area for the university educational programs. Most of the reputed universities all over the world not only have very good research facilities centre but also have very strong linkages with the leading industrial houses and play a pivotal role for improving the product qualities in these institutions. In this respect it is important to note that India and China are the two leading world economy in the world but china has surpassed the world filing by the maximum number of patent whereas India has slipped to seventy eighth position in the world. Technical Institution of PTU repute need to introspect their role. PTU is the lead technical university of the Punjab region and growth of the Punjab industry is highly linked with research and development carried by the PTU and its affiliated institutions including R&D centers working in the industrial houses. Therefore it is very important that the university takes the leading role not only guiding the industrial houses but also designing and conducting orientation and interactive training programs or the resource persons in these industrial units. Currently, the engineering discipline mainly 5 to 6 important branches are being handled by the PTU namely Computer Science, Electronics and communication, Civil, Mechanical information technology etc. At it is advisible that at least same number of the centre of excellence/specialization centers, each specializing in any of the one or more branches mentioned above must be established. This would intern require updating the Infra and R&D facilities in the selected institution preferably on Zonal basis keeping in view the local condition. I humbly suggest you to give due consideration to these suggestion for updating not only the quality of Future Education particularly M. Tech and Phd but also to provide solution to the emerging problems of the industries and also improving the product quality through innovation and invention by baste Human Resource working under your esteemed guidance. **2. Important Research Quality for M.Tech and Phd Scholar** Research and Development is the major thrust area for the university educational programs. Most of the reputed universities all over the world have very strong linkages with the original industrial houses and play a pivotal role for improving the product qualities in these institutions. PTU is the lead technical university of the Punjab region and growth of the Punjab industry is highly linked with research and development carried by the PTU and its affiliation institutions including RND centers working in the industrial houses located in the Punjab. Therefore it is very important

that the university takes the leading role not only guiding the industrial houses in this state but also providing interactive training programs to the resource person in these unit currently in the engineering stream 5 to 6 important branches are being handle by the PTU like Computer Science, Electronics and communication, Civil, Mechanical information technology etc. It is a divisible at this stage to recognize same number of the specialization centers in Punjab at different locations, each specializing in any of the one branch mentioned above. This would require updating the Infra and RND facilities in this selected institution preferably on Zonal basis keeping in the local condition.

I humbly suggest you to give due consideration to these suggestion for updating not only the quality of Future Education particularly M. Tech and Phd but also to provide solution to the emerging problems of the industries and also improving the product quality through innovation and invention by baste Human Resource working under your esteemed guidance.

Measure to improve Answer Book Evaluation System

1. **Inviting three or more Question Papers for each subject:**

The idea is to ensure complete secrecy of question paper by having three or more Question Papers from different subject experts. Then the university subject expert should mingle these three Question papers in such a way that it become as model question paper imbibing certain pre-set guidelines for preparing such question papers in a unique manner.

2. **Uploading the model solutions**

It would be appropriate that the solution to the model question paper is also uploaded on PTU site immediately after the completion of the examination for that particular subject. It will ensure the student self evaluation through these solution to the question papers. Such a solution will also undergo scrutiny of several subject experts. This model solution (modified, if necessary based on external inputs) paper, should also be used for evaluating these papers.

3. **Establishment of Nodal Evaluation Centers**

It would be desirable that papers of particular subject are evaluated in Subject Excellence centers. Subject excellence centre is the concept involving subject/branch expert stationed at that particular centre and all subject teacher in the particular subject are called in that centre with a view that majority of answer sheet belonging to the subject/branch are evaluated at this centre like all the chemistry teacher for a particular centre are called particular centre only.

Further it is proposed, to establish subject evaluation excellence centre preferably at the centre of excellence for R&D centers. These experts not only help in for preparing of question papers but can also suitably assist the Subject Evaluation at these centers with the help of subject teachers under the control of the Subject Evaluation Centre. The model solution (modified if necessary based on external inputs) should be used at these centers for evaluating answer sheet.

3.	GNIMT, Ludhiana	**1. Building Rent & Contingencies for conduct of Exams.**
		Background: Since December 2010, the Building Rent and contingency expenditure on re-appear students is not paid. On enquiry, an Officer of the Exam. Branch has stated that as the reappear cases are old students of the Colleges as such, the Colleges are responsible to conduct their tests and the University will not pay the Building Rent and Contingency expenditure.
		Suggestions: It is suggested that Building Rent and Contingency expenditure may please be paid as per the norms followed upto December 2010 Exam. and the arrears be paid to the Institutes. The expendiutre on lights, fans and generators is the same for regular and reappear cases. As such, the building rent and contingency charges for reappear cases should also be restored and arrears be paid.
		2. Notifications of Merit Lists and Semester End Final Exams.
		Background: Of late, the practice of issuing Merit Lists for each semester and consolidated list at the end of the course has been stopped. In most of the Colleges like ours, Scholarships are paid to the meritorious students on the basis of their positions in the merit lists and in the absence of merit lists, the students have been deprived of such benefits. Moreover, the motivation part of merit list cannot be over-emphasized as the students who figure in the merit list get motivated and others are also motivated to work hard to come into the merit list next time.
		Suggestions: It is suggested that the merit lists for each Semester and also at the end of the course be issued regularly.
		3. Gold Siler, Bronze Medals and Merit Certificates
		Background: Upto last year, the three medals were awarded for first, second and third positions in every course and the merit certificates were also issued to all the students who got first 10 positions in the merit list. Since 2011 only, Gold Medallists have been called for University Convocation and no list for Silver or Bronze Medals and rest of the merit list is issued.
		Suggestions: It is suggested that the Gold Silver and Bronze Medals may be reinstituted. If University wants to award only the Gold Medals during Convocation, the Silver, Bronze and Merit Certificates may be awarded to the students in the respective Colleges' Convocations. Getting medals and merit certificates is a source of motivation and is a matter of pride for whole of their life and they may not be deprived of this privilege.
		4. Issue of Identity Cards to the Academic Council Members
		Background : The Academic Council Members have to visit various Departments of PTU along with attending the Academic Council meetings or otherwise. At present they have to fill in the visitor's slip at every Department and then they have to wait along with the students and their parents in the waiting area. Of course, when the chit is placed before the officer concerned, they quickly invite the Academic Council Members and other Directors to their office, but the Academic Council Members/Directors have to waste time and sometimes it causes embarrassment.

			Suggestions: It is suggested that the Academic Council Members be issued PTU Identity Cards, so that they can visit the various Departments of the PTU without going through the security check at every level. **5. End Semester Exam Application Forms.** **Background:** At present the Exam. Forms are up loaded in the individual student's login and they are also intimated the first and the last date of submitting the forms. There are two difficulties experienced by the Institutes: a) Most of the students forget their passwords and they come to the Institute to issue them passwords. Some of them loose it more than once. b) Secondly the students keep on waiting for the last date and quite a few forms are received between 4.00 F.M and 5.00 P.M. on the last date. **Suggestions:** It is suggested that the Institute Login may be provided the Exam. forms, so that the Institute can down-load the Forms in one go and get the same completed from the students well in time, so that the same can be locked finally before the last date. **6. University Academic Calendar** **Background:** As per new University Academic Calendar, the start of Odd Semester is on different dates for 3rd, 5th & 7th and 1st Semester. It is also mentioned that the three MSTs each for old and new students should be held separately, which means six MSTs in a period of about 3 months or 3 and half months It is physically not possible to hold Examinations separately for 3rd, 5th & 7th and 1st Semester. **Suggestions:** It is suggested that the Semester for all courses should start at the same time and the MST dates for all the students may also be the same. It is also suggested that only two MSTs may be planned in a semester instead of three, so that sufficient time is saved for conducting the classes.
4.	DAV Institute of Engineering & Technology Jalandhar		**To charge continuation fee from the student who intend to continue their studies after gap for the gap duration.** Academic council of the university has already taken as decision vide items 38.04 as "Readmission of the students willing to continue their studies after a gap". The Principal of the institute was allowed to readmit such students as per the university norms and submit a consolidated list of readmitted students of the university before the start of the examinations of the university. In view of the above it is proposed that students may be charged continuation fee 10% of the tuition fee per semester of the gap duration

5.	Sri Sai Group of Institutes Manawala Campus, Amritsar	**1. Rescheduling of Academics Calendar Session 2011-12.** As per Academic calendar session 2011-12 for 2nd and onward semester circulated by Punjab Technical University end semester exam (Regular) were scheduled from 21-11-2011 to 05-12-2012 for odd semester and from 09-04-2012 to 23-04-2012 for even semester. However this schedule could not be maintained for the odd semester as regular exams were extended by about two weeks. For example last exam for MB922 Direct Tax Planning Paper ID CO155 of MBA 3rd sem was held on Dec. 19, 2011. Similarly last Exam for BT AM101 Engineering Mathematics Paper ID A1101 of 1st Sem was held on Dec.20, 2012. It is therefore proposed that Academic Calendar for 2011-12 Even Sem be rescheduled so that end semester examination is deferred by about two weeks from the present schedule of 09-04-12 to 23-04-12. It will have positive effect on Resident Instruction and Exam / evaluation thereof. **2. Declaration of merit list along with result.** Punjab Technical University had started practice of declaring Merit List along with different semester results of various programmers. However, presently this practice is not being followed. It is proposed that the practice of declaring merit list along with result of various semester of different programmes be continued as it serve the purpose of motivation for meritorious and other students
6.	GGS College of Modern Tecnology, Kharar	1. There is the problem in the implementation of detained student after every semester. Data is uploaded on PTU website at the time of examination but no proper information is updated in university records i.e the detained student is not updated in record with his \her immediate junior batch. 2. Syllabus B. Tech 2nd year onwards has not been updated (except IT, CSE, MBA, MCA) . Moreover the standard of existing syllabus is not as per present Industry requirements. It has been seen that syllabus of our university is not at par with some Universities likewise Kurukshetra University, Delhi University 3. MOU with industry should be signed so that the industry input can be inculcated during semester teaching can enhance student as well as faculty skills and knowledge in exploring various research opportunities. Periodic meeting should be arranged with industry people in the institute for increasing interaction with students and faculty hence forth the actual concept and motive of industry defined projects can be extended and implemented. 4. Laboratories grants to upgrade present laboratory standards, should be provided in the form of research projects. 5. Less time should be allowed be allotted between last date of filling of PTU exam forms and actual date of completion of semester studies so that the anticipated lectures are not allotted to each student subject wise so as to finalize the detained students semester wise 6. Syllabus M. Tech 1st year onwards has been updated. Moreover the standard of existing syllabus Is not as per present Industry requirements. It has been seen that syllabus of our university is not at par with some universities likewise kurukshetra, Delhi University.

		7. In academic ser jion July – December 2011 date of start of next se3mester 18th July 2011 was announced on 15th July which was a very brief period to communicate the students going at home or training. 8. For December 2011 March 2012 academic session 12th December 2011 was announced as date for the start of semester where as PTU exam was being conducted at that time and was continue till 22nd December 2011. 1st semester PTU exam was started w.e.f. 5th December 2011 and was continued till end the same period of exam was contradictory to the 12th December 2011 i.e. started of next semester even external viva voce PTU exams for 1st semester were conducted after the theory exams were over on 22nd December 2011. 9. The data of the students migrated from other college ha s not been updated by PTU in their records likewise at the time the migrated student attempt to fill the online PTU exam form. 10. There has been the wide difference between the marks updated in the students record by PTU and the marks printed on gazette declared by PTU
7.	Baba Kuma Singh Ji Engineering College, Amritsar	1. Declaration of revaluation result is delayed. 2. DMCs correction is displayed 3. Mistakes in the DMCs are always repeated 4. Issue of examination slips (Roll Nos.) should be atleast 15 days before examination. 5. Staff of inquiry department is not up to the marks. 6. To organize workshop on Research Methodology by PTU for faculty members.
8.	Sant Baba Bhag Singh Institute of Engg. & Tech., Padhiana (Jalandhar)	1. Standardization of evaluation of Answer Sheets; The key of the question papers should also be prepared by the paper setter which may be sent to the Head Examiners. 2. The revival of the University Merit List.
9.	ISF College of Pharmacy	1. Revision of the M. Pharm Syllabus 2. Revision of Fee Structure for M. Pharm course.