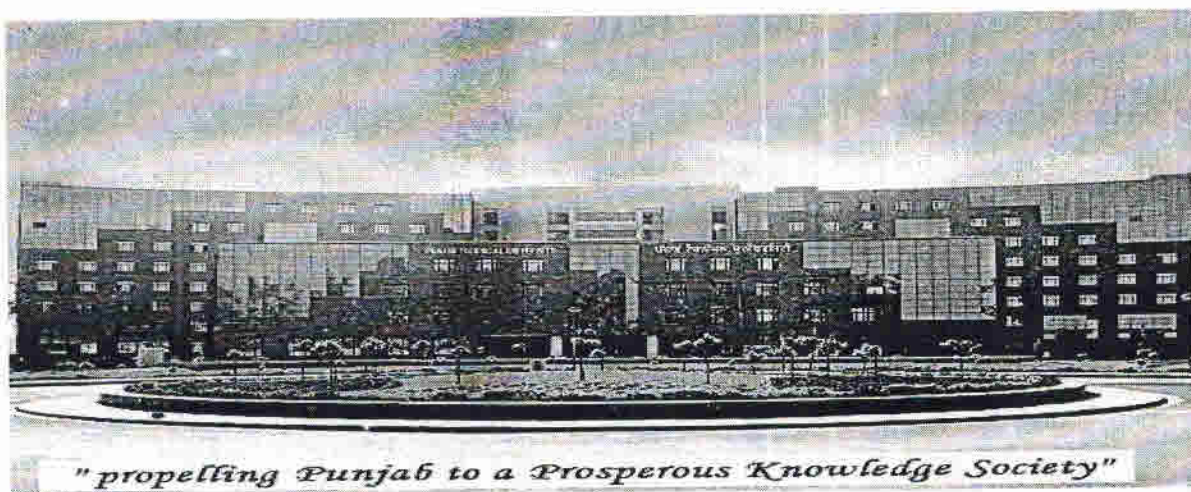




## **AGENDA**

**43<sup>rd</sup> Academic Council Meeting**  
**(04<sup>th</sup> March, 2014)**



**PUNJAB TECHNICAL UNIVERSITY**

**JALANDHAR-KAPURTHALA HIGHWAY**

**AGENDA POINTS FOR 43<sup>rd</sup> MEETING OF ACADEMIC COUNCIL SCHEDULED TO BE HELD ON 04<sup>TH</sup> MARCH, 2014 AT 11:00 AM IN CONFERENCE ROOM, PUNJAB TECHNICAL UNIVERSITY, JALANDHAR – KAPURTHALA HIGHWAY**

**A. STATUTORY AGENDA**

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**B. INFORMATION AGENDA**

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**C. AGENDA FOR DISCUSSION & RECOMMENDATIONS**

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**AGENDA POINTS FOR 43<sup>rd</sup> MEETING OF ACADEMIC COUNCIL SCHEDULED TO BE HELD ON 04<sup>TH</sup> MARCH, 2014 AT 11:00 AM IN CONFERENCE ROOM, PUNJAB TECHNICAL UNIVERSITY, JALANDHAR – KAPURTHALA HIGHWAY**

**A. STATUTORY AGENDA**

**43.01 To confirm the minutes of 42<sup>nd</sup> Academic Council meeting held on 20<sup>th</sup> September, 2014**

Minutes of 42<sup>nd</sup> Academic Council held on 20<sup>th</sup> September, 2014 were circulated to all members and are enclosed at **Annexure – I**. No comments were received.

The item is placed before the Academic Council for its confirmation.

**43.02 Action Taken Report (ATR) of the 42<sup>nd</sup> Academic Council Meeting.**

The action taken report on the 42<sup>nd</sup> meeting of the Academic council is enclosed as **Annexure – II**.

The item is placed before the Academic Council for information.

**43.03 Award of Ph.D.**

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

S. No	Registration No.	Name	F Name	College/Institute	Specialization	Title of Thesis
1	11.42.06	Jog Singh Bhatia	Inderjeet Singh Bhatia	National Institute of Training, Panchkula	Mgmt.	Disaster Management in India: A Study of Awareness, Preparedness and Response Management.
2	12.43.09	Pradeep Kamboj	Kashmiri LAL Kamboj	ISF Moga	Pharm.	Phytochemical and Biological Investigation of some plants used in Liver Disorder.
3	02.41.09	Shashi Bhushan Rana	Mr. Romesh Singh Rana	GNDU, REC, Gurdaspur.	ECE	Synthesis and characterization of nanocryta for opto electronic applications.
4	14.36.09	Mamta	Mr. Rampal Bhagtiar	A.P. Dept of CSE, RBIET, Kharar.	CSE	Development Improved steganographic techniques for Images
5	05.44.05	Munish Chhabra	Sh. Raj Kumar Chhabra	GNDEC, Ludhiana.	Mech. Engg.	Investigations for Generating Cost Effective Rapid Casting Using Three Dimensional Printing.
6	12.9.06	Satvinder Kaur	S. Malkiat Singh Lall	GHG Pharmacy, Gurur Saradar	Pharm.	Design and Synthesis of Steroidal Neuromuscular Blocking Agents.
7	05.41.08	Vikas Dhawan,	Sh. S. S. Dhawan	A.P., IGEC, Abhipur.	Mech. Engg.	Development of Intelligent Knowledge Base For Machining of Composites
8	01.22.08	Yashpal Vasishta	Sh. Manohar Lal Vasishta	SST. Engg., H P PWD, Rohru, Shimla	Civil Engg	Testing & Study The Behavior Of Rock fill Materials.
9	14.40.09	Anjali Goyal	Sh. Narata Ram Goyal	A.P. GNIMT, Ludhiana.	CSE	Development of Content Based Image Retrieval System Using Shape Descriptions.
10	17.01.07	Vijay Dhir	Sh. Sat Pal Dhir	Dept. of CSE SBBSIET Padhiana	CSE	Alchemic.Net Framework Based Computational Inter Grid for Weather Forecasting.

11	12.38.08	Rajesh Kumar Singh	Sh. Birendra Kumar Singh	Shivalik College of Pharmacy, Nangal.	Pharmacy	Synthesis & Study of Nitrogen Mustard Prodrugs as Potential Brain Antitumour Agents.
12	02.39.09	Amit Gupta	Sh. Naresh Gupta	#3212, Sector-21 D, Chandigarh-160022.	ECE	Investigation On Optical Burst Switching For Next Generation Transport Networks.
13	11.84.09	Shallu Singh	Darshan Singh	#1304/1 Shaheed Karnail Singh Nagar, Phase :2, Street no 7, Near Ice Factory, Pakhowal Road, Ludhiana.	Mgt	Compensatory Consumption And Shopping: An Investigation On North Indian Urban Women.
14	14.38.09	Gulshan Kumar	Sh. Hans Raj	Assistant Prof., Computer Appl. SBSSTC, Ferozepur.	MCA	Design of Artificial Intelligence based Intrusion Detection Technique.
15	02.42.09	Jayant Gajanan Joshi	Late. Sh. Gajanan Nanaji Joshi.	Room No. 304, Post Graduate Hostel, NITTTR, Sec-26, Chandigarh.	ECE	Design and Development of Antenna Antenna Array Using Metamaterial.
16	02.37.09	Jagjit Singh	Sh. Darshan Singh	A.P. DAVIET, Jalandhar	ECE	Performance Investigations on Multi-Channel Optical Communication Systems & Networks.

The matter is placed before the Academic Council for its recommendations to the BOG for the approval to award degrees.

## B. INFORMATION AGENDA

### 43.04 Discount on Subscription of e-Journals:

The Punjab Technical University has formed a PTU Library consortium in 2012. Since then the consortium by negotiating with the publisher is providing discounts to the affiliated colleges on the subscriptions of e Journals. In (2012) 75 colleges and in (2013) 57 colleges has availed this facility and saved lots of money with this effort of PTU.

This year for the subscription of 2014 the publishers has agreed to provide 31% (Special discount) on the Engineering Collection and 20% discount on Management, Pharmacy, Hospitality, Tourism & Leisure Collection + Culinary Arts Collection, GREENR, Business & Company Resource Centre+ Business Insight Global and Social Science Collection.

Sr. No.	Products	List Price in Rs.	Discount	Net Price in Rs.
1.	Info Trac Engineering Collection (IEC)	64,050/-	Special Discount	43,040/-
2.	Info Trac Management Custom Collection (IMC)	53,800/-	20%	43,040/-
3.	Info Trac Pharmacy Custom Collection (IPC)	32,500/-	20%	26,000/-
4.	Hospitality, Tourism and Leisure Collection (HTC) + Culinary Arts Collection (CAC)	97,500/-	20%	78,000/-
5.	GREENR	71,500/-	20%	57,200/-
6.	Business & Company Resource Center	1,95,000/-	20%	1,56,000/-



	(BCRC) + Business Insight Global (BIG)			
7.	Infotrac Social Science Custom Collection (ISSC)	53,800/-	20%	43,040/-

This information has already circulated all the affiliated colleges of PTU through PTU Login. **(Annexure – III)**

The item is placed before the council for information.

#### 43.05 MoUs with Foreign Universities:

The department of International Collaboration at Punjab Technical University is endeavouring its efforts to raise the level of technical education, training and research. In this connection the department is pursuing the International Collaborations with some of the Foreign established Universities/ Institutions to provide its students' better Research facilities/ opportunities/ projects and exposures at a global level. The detail of collaboration with Foreign Universities/ Institutions is mentioned below:-

##### (a) MoU Signed

Sr. No.	University/ Institution	Nature
1.	San Jose State University, U.S.A.	Exchange of academic staff, exchange of students and articulation agreements for further study, collaborative projects in curriculum and programme development and research.
2.	Waiariki Institute of Technology, New Zealand	Student/ Faculty Exchange, Staff exchange, A joint symposium/ workshop on a mutually relevant topic, Developing a dual degree programme in sport, Postgraduate programme in Clinical Research, One semester credit bearing study abroad programme.
3.	Dongguk University, Korea	Exchange of Students for study and research, Exchange of professors, scholars and administrators through mutual visits, Exchange of information and publication on education and research, Implementation of co-operative education and research.
4.	University of the Fraser Valley, Canada	Articulation Agreement for programs.
5.	Canadian Education Consultancy Services, Canada	Dual Degree Credit Transfers, Students exchange and Research programs, Collectively referred as Joint – Venture programs.
6.	Tribhuvan University, Nepal	International Academics Collaborations
7.	Royal University of Bhutan	International Academics Collaborations
8.	University of California, Santa Cruz	Establishment of Centre of Excellence.

##### (b) In Process

1	The University of Northampton, UK	The collaborative Postgraduate programs in the field of Environmental Science.
2.	Fontys University of Applied Sciences, The Netherlands	Exchange of Students for study and research, Exchange of academic staff, Joint Program, Credit Transfer, Joint Research, Seminars, Conferences and other scientific events.
3.	University of Dallas, U.S.A.	Student/ Faculty Exchange, Start of new academic program in collaboration.
4.	University of Toronto, Mississauga	To promote the "Certificate in Global Management Fundamentals" being offered at U of Mississauga.
5.	Aalto University, Helsinki, Finland	To promote the Technical Education and training for the innovation Centre.

6.	The University of Tokyo, Japan	Exchange of Students for study and research, Exchange of academic staff, Joint Program, Credit Transfer, Joint Research, Seminars, Conferences and other scientific events.
7.	National University of Technology, Taiwan	Exchange of Students for study and research, Exchange of academic staff, Joint Program, Credit Transfer, Joint Research, Seminars, Conferences and other scientific events.

The item is placed before the council for information.

### C. AGENDA FOR DISCUSSION & RECOMMENDATIONS

#### 43.06 Punjab – a Destination for Education

With the vision of Hon'ble Chief Minister Punjab, Punjab Technical University has designed a progressive strategy for making Punjab a education hub in the field of technical education for the students of other states of India. In this regard, a campaign will be started throughout the India in Electronics, Print and Social Media and also by organizing education fairs.

University has proposed that admission in all the Government Colleges (15% seats), PITs of Punjab Technical University and the affiliated colleges who will give their consent for admission through this centralized campaign will be made by the University through centralised counseling, keeping in view of the reservation policy as applicable to 15% seats (outside Punjab).

University is in process of finalizing the destinations outside Punjab where this mass level of campaign will be conducted.

The students admitted through this campaign shall deposit the fee in the University account and the University will transfer the fee to the colleges after deducting University charges, as applicable to these students and as finalized by the Finance Deptt. of PTU

These students shall be treated as University students.

The item is placed before the Council for discussion and approval.

#### 43.07 Admission Policy for session 2014-15

It has been decided that during session 2014-15 admissions shall be made directly by the colleges at their own level for all courses.

The guidelines have been framed for these admissions and are placed at **Annexure- IV**.

The item is placed before the Council for ratification.

#### 43.08 Fee Structures

The fee structure of all the new courses running in the University has been finalized and is place at **Annexure -V**.

The item is placed before the Council for approval.



### 43.09 Starting of courses at Anovus

The following courses have been proposed to be started at Anovus Institute of Clinical Research in the Regular Mode :

Sl.No.	Course	Duration of the Course
1.	M.Sc. Clinical Research	2 years
2.	Advanced Diploma in Clinical Research	1 year
3.	Diploma in Clinical Research	6 months
4.	<b>Lateral Entry to the above courses</b>	

#### Other University which are offering such type of courses

- Gujarat university offering 3 month and 6 month course after graduation.
- IIT Delhi 6 month program on telecom technology & management
- Jadavpur university offering several short term courses
- BHU is offering a number of courses which are of less than one year duration
- IIT Delhi
- University of Pune
- Jadavpur University
- Delhi University
- All india Institute Of Local self Govt: 6 month diploma in local Govt. services
- Panjab University offer add on the courses to the students to be done alongwith their graduation for which they are awarded certificate diploma advance diploma

The matter was taken up in expert committee meeting and they the following recommendations :

The discipline of clinical research has very good opportunities for getting jobs in upcoming health sector. This discipline will provide the knowledge on research methodology and biostatistics which will ease the students to plan their dissertation/ thesis projects. It will also help youngsters to get job in health sector where the clinical research / clinical trials are being carried out. If the above said courses are started these will be beneficial to all the science graduate students who wish to go for any sort of masters or doctorate degree in life sciences.

As mentioned above the expert committee is not competent authority to approve/ frame any new rule. Hence the above mentioned courses cannot be approved by this committee even when the committee feels that the courses are beneficial to the young generation. Hence, it is proposed to be presented to Academic Council for decision. S

The item is placed before the Council for decision and approval.

### 43.10 Starting of new Courses

The following courses have been proposed by different colleges to be started from session 2014-15

Sr. No	Course Name
	<b>Engineering Course</b>
1.	B. Tech. (Mining Engg.)
2.	B. Tech. (Agriculture Engg.)
3.	B. Tech. (Tool Engg.)
4.	B. Tech. (Food Engg.)
5.	M. Tech. (Environmental System)
6.	M. Tech. (Chemical System)
7.	M. Tech. (System Software)
8.	M. Tech. (Aeronautical Engg.) – Part Time <i>Repeat 3. 587</i>
	<b>Management Course</b>
9.	B.Sc. (Journalism Advt. & Media Comm.)
10.	MBA (Hospital Management)
	<b>Other courses</b>
11.	X-Ray Technician (1 year certificate course) after 10+2
12.	C T Scan Technician (1 year certificate course) after 10+2
13.	Advance Certificate course in Hotel Mgt. & Catering Technology (2 years) after 10+2
14.	Certificate course in Hotel Mgt. & Catering Technology (1 years) after 10+2
15.	Certificate course in Food & Beverage Production (1year) after 10+2
16.	Certificate course in Speech and Hearing (2 years) after 10+2
17.	Certificate course in Deaf Children Education (2 years) after 10+2

The constitution of BOS for Mining Engg., Agriculture Engg., Tool Engg., Food Engg. and other courses is under process. It is proposed that the Hon'ble Vice-Chancellor, PTU may be authorized to approve and notify the New Board of Studies.

The item is placed before the Council for approval.

### 43.11 Starting of Part-time Courses

Punjab Technical University is in process of starting part-time B. Tech. courses and MBA (Executive) – 2<sup>nd</sup> shift in the below mentioned course

1.	B. Tech. (Electrical Engg.)- Part Time (First Shift)
2.	B. Tech. (Computer Science & Engg.)- Part Time (First Shift)
3.	B. Tech. (Mechanical Engg.)- Part Time (First Shift)
4.	MBA (Executive) – 2nd Shift

The council may constitute a committee to finalize the academic norms.



#### 43.12 Compulsory Teacher Training Programme

Punjab Technical University has started the initiative of organising Faculty Development Programmes in its affiliated institutes in the year 2010. Since 2010 about 240 Faculty Development/training Programmes on different aspects have been organised and about 7000 trainees have been trained. The University has also joined hands with various organisations like Wipro-Mission 10X, IBM, ORACLE, NITCON & National Institute of Technical Teachers Training & Research (NITTTR-Chandigarh) for providing most progressive knowledge and training to its faculty.

##### Benefits of the Faculty Development Initiative

1. It will create an environment of attaining academic excellence among the institutes based on regular/periodical trainings of the teachers.
2. It will increase the knowledge base/competency and skills of the teachers, which further have a multiplier effect on the human resource development in the technical education system of Punjab
3. Higher level of commitment/interest in for teaching and student related tasks have will be created among the teachers.
4. It will open new contacts for the faculty members to pursue their academic and research activities
5. The pedagogical training will help the new teachers in shaping their level and style of teaching
6. The industry interaction through Faculty Development Programme will create a awareness among faculty regarding latest techniques and development in their respective fields.

It is proposed that all the faculty members of its affiliated colleges should attend two weeks compulsory teacher training programme under FDP. If a teacher does not attend two weeks compulsory teacher training programme his / her appointment will not be approved by the University.

The item is placed before the Council for approval.

#### 43.13 20% study contents online

University is in process of making the students aware about the digital world. To start work in this field, the University has proposed that initially 20% content of the courses shall be studied through online by using various websites i.e. Google search and other search engines etc. This will improve the self-learning, research methodology etc.

The item is placed before the Council for approval.

#### 43.14. Visiting Faculty Programme

**Objective:** This scheme allows the University affiliated colleges to invite foreign/reputed National Indian Institute's professor/associate professor for academic activities for a period ranging from 07 to 30 days.

##### Minimum academic credentials

Teachers with minimum five years experience as a Professor or similar industrial credentials. They must possess doctorate degree of the concerned stream.

**Activities:** This visiting faculty shall perform the following activities

- A. Teaching classes of the students
- B. Contribute in Research Projects
- C. Contribute in Joint Academic collaboration of their parent institute with PTU
- D. Delivering Seminars

**Financial Grant:** The travelling expenses and honorarium paid to the visiting faculty will be borne by the University and concerned college in the ratio of 50:50. The accommodation and other expenses including food etc will be borne by the concerned college.

The college will take the approval from the University at least two months before the planned visit. The approval for the same will be given by Hon'ble Vice-Chancellor, PTU.

The item is placed before the Council for approval.

#### **43.15 Constitution of New Board of Studies**

The tenure of the Board of Studies of PTU has been expired on 12 February, 2014; the previous BOS has almost revised most of the syllabi of the courses. As the process of constitution of new BOS and inviting new experts for the same is in process,

It is also proposed that in addition to the previous structure one member from Distance Education will be included in the new BOS.

It is proposed that the Hon'ble Vice-Chancellor, PTU may be authorized to approve and notify the New Board of Studies.

The item is placed before the Council for approval.

#### **43.16 Change in the PhD guidelines regarding submission of PhD synopsis**

With the approval of competent authority following changes have been made in the Ph.D. regulations:

1. The maximum duration for submitting synopsis has been extended to 24 months from existing 18 months for all candidates and further extension of six months will be as per exiting Ph.D. regulation.
2. A candidate can submit his/her pre-thesis abstract only after one year of submission of synopsis.
3. Ph.D. candidate can change their supervisor within three years from the date of provisional registration with justification. If the synopsis has been approved by the RDC, then topic would not be changed even though guide may be changed.

The matter is placed before Academic Council for information & ratification please.



**43.17 Regarding Innovation club which is to be established in different PTU affiliated colleges:**

1. Fellowship for Innovation Promotion for two years through an evaluation process steered by a committee of national experts for those (i) who work on the problems of MSME, social sectors, or rural or urban areas of Punjab; and (ii) young innovators or students from other state working in Punjab and/or on the problem of Punjab. A consolidated amount of Rs 25000-30,000 per month may be paid subject to successful periodic reviews and results. Some of these Innovation Fellows will work with Techpedia.in team at SRISTI and IIMA both in Ahmadabad and in Punjab.
2. Mandatory Uploading of projects along with abstracts, name of the guide, department, tags/key words etc., on [PTU.techpedia.in](http://PTU.techpedia.in), without which the result of B. Tech/M. Tech will not be declared.
3. Establishment of National Innovation Club in all affiliated colleges of PTU and also at PTU campus to Search, Spread, Sense (unmet needs) and Celebrate innovations in the state.
4. Organization of periodic conference of Northern States on innovation at Chandigarh.
5. On line Distance learning course on Design for sustainable product development by students/ grassroots innovators will be offered in collaboration with Faculty of institutions like IIMA, NID, IITs etc.
6. PTU, Entrepreneurship cell will encourage entrepreneurship by students through grant of Entrepreneurship award and in situ and ex situ mentoring. Fabrication Workshops in various colleges will be made accessible to these supported start-ups.
7. A Workshop will be organized for capacity building for college faculty and selected innovator students for patenting, prior art search and related areas. PTU will also arrange centralized drafting and filing patent applications. In due course, Section 25 company will be set up by PTU to invest in various start ups and hold small equity in the same.
8. PTU will recognize social innovations, honour centenarian citizens, give awards to villages sarpanch for improving female to male ratio and other social objectives.
9. PTU will appoint outstanding grassroots innovators as adjunct faculty so that they are invited by various colleges to lecture to students and convey the spirit of frugal design and product development.
10. PTU will organize investor-innovator meet in cooperation with alumni of PTU and other industry organizations.
11. PTU will encourage students to interact with MSME and other social communities in rural and urban areas to identify their problems, do prior art search, patent review for eventual solution as a part of final year projects.

The item is placed before the Council for approval.

**43.18 Updation of syllabus<sup>06</sup> various courses by Board of Studies.**

Syllabus of various programmes as per below has been updated by the BOS

- B.Tech CSE, Batch 2011 (5<sup>th</sup> to 8<sup>th</sup> sem)
- B.Tech CSE, Batch 2012 (3<sup>rd</sup> to 8<sup>th</sup> sem)
- B.Tech IT, Batch 2011 (5<sup>th</sup> to 8<sup>th</sup> sem)
- B.Tech IT, Batch 2012 (3<sup>rd</sup> to 8<sup>th</sup> sem)

- M.Tech IT & Cyber Warfare, Batch 2013 (2-4 sem)
- MCA, Batch 2012 (4<sup>th</sup> to 6<sup>th</sup> sem)
- M.Sc. HMCT, Batch 2013 (2<sup>nd</sup> to 4<sup>th</sup> sem)
- M.Sc. MLT, Batch 2012 (4<sup>th</sup> sem)
- B.Tech ECE, Batch 2011 (6<sup>th</sup> sem)
- B.Tech Electronics & Telecommunication Engg, Batch 2011 (upto 6<sup>th</sup> sem)
- B.Tech Electronic Engg, Batch 2012 (upto 6<sup>th</sup> sem)
- B.Tech Electrical Engg., Batch 2011 (3<sup>rd</sup> to 8<sup>th</sup> sem)
- B.Tech Electrical & Electronics Engg., Batch 2011 (3<sup>rd</sup> to 8<sup>th</sup> sem)
- B.Tech Electrical & Electronics Engg. Batch 2013 (3<sup>rd</sup> to 8<sup>th</sup> sem)
- B.Tech Electronics & Electrical Engg., Batch 2011 (3<sup>rd</sup> to 8<sup>th</sup> sem)
- B.Tech Electrical Engg. & Industrial Control, Batch 2012 (3<sup>rd</sup> to 8<sup>th</sup> sem)
- B.Tech Electronics & Computer Engg. Batch 2011 (6<sup>th</sup> to 8<sup>th</sup> sem)
- B.Tech 3D Animation & Graphic Engg. Batch 2012 (4<sup>th</sup> semester)
- B.Tech Automation and Robotics Engg Batch 2011 (6<sup>th</sup> to 8<sup>th</sup> sem)
- B.Tech Automobile Engg. Batch 2011 (5<sup>th</sup> to 8<sup>th</sup> sem)

Copy of the same is available on the website.

The matter is placed before the Council for approval.

#### 43.19 Pre-requisites

The University has allowed direct admission in January session in 2<sup>nd</sup> and 4<sup>th</sup> semester for which the concerned BOS has prepared pre-requisite subjects which are as follows

Course	Branch	Pre-requisite Subject	Before studying 2 <sup>nd</sup> /4 <sup>th</sup> sem/Subject (as applicable)
B.Tech.	B. Tech. (First Year)	1. Engineering Mathematics-I	Math-II of 2 <sup>nd</sup> semester
Architecture	B. Arch.	BACH-101 (Architectural Design-I) BACH-102 (Building Construction and Materials-I) BACH-103 (Architectural Drawing -I) BACH-104 (Architectural Graphics-I)	BACH-201 (Architectural Design-II) BACH-202 (Building Construction and Materials-II) BACH-203 (Architectural Drawing-II) BACH-204 (Architectural Graphics-II)
MCA	MCA	MCA-102 (OOP in C++)	MCA-203 (Data Structure)
M.Sc.	Computer Science	MSC-102 (OOPS Using C++ & Java)	MSC-201(Adv. Java Prog.)
M.Sc.	IT	MSIT-101 (Computer Fundamentals)	MSIT-203 (S/W Engg. & Project Mgt.)
B.Sc.	Computer Science	BSC-104 (Electrodynamics)	BCS-203 (Theory of Relativity & Electrodynamics)
BCA	BCA	BSBC-103 (Mathematics-I)	BSBC-202 (Maths-II)
BBA	BBA	BBA-103, BBA-104, BBA-105	BBA-204, BBA-205, BBA-206 of 2 <sup>nd</sup> semester

#### Lateral Entry Courses

B.Tech LEET	Chemical Engg.	BTCH-302 Chemical Process Calculations is prerequisite for higher semesters	4 <sup>th</sup> semester
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B.Tech LEET	Mechanical	Strength of Material – I, Elements of Mechanical Engineering, Theory of Machines –I Element of Mechanical Engineering, Applied Thermodynamics-I, Elements of Mechanical Engineering, Manufacturing Practice, Manufacturing Process-I	Strength of Material – II, Theory of Machines –II , Applied Thermodynamics-II , Manufacturing Process-II
B.Tech LEET	Electrical Engg.	BTEE-301, BTEE-302	4 <sup>th</sup> semester
B.Tech LEET	Electronics & Electrical Engg.	BTEE-301, BTEE-302, BTEE-304	4 <sup>th</sup> semester
B.Tech LEET	Civil Engg.	1. BTCE-301- Fluid Mechanics 2. BTCE-303/307 - Strength of Material / Lab.)	1. BTCE-404 – Fluid Mech II 2. BTCE-403/407 –Design of Concrete Structure – I 3. BTCE 404/408 – Structural Analysis
M.Sc. (LEET)	IT	1. MSIT-305(Java Programming ) 2. MSIT-105 Operating System	MSIT-404(Advanced Java Programming), MSIT-401 Linux Administration
BCA (LEET)	2 <sup>nd</sup> Semester	1 BSBC-204 (CSA)	BSBC-402 (Micro processors & Micro Controllers)

#### Courses having no pre-requisite condition

B. Pharmacy	B. Pharmacy	No pre-requisite	2 <sup>nd</sup> semester
MBA	MBA	No pre-requisite	2 <sup>nd</sup> semester
MCA(LEET)	MCA(LEET)	No pre-requisite subjects	4th semester

#### Courses having all subjects of previous semester as pre-requisite condition

PGDCA	PGDCA	All the subjects of 1 <sup>st</sup> semester pre-requisite	2 <sup>nd</sup> semester
B.Sc.	Medical Lab. Sciences	All the subjects of 1 <sup>st</sup> semester pre-requisite	2 <sup>nd</sup> semester
B.Tech(LEET)	CSE	All the subject of 3 <sup>rd</sup> semester are pre-requisite	4 <sup>th</sup> Semester
B.Tech(LEET)	IT	All the subject of 3 <sup>rd</sup> semester are pre-requisite	4 <sup>th</sup> Semester
B.Sc. (LEET)	MLS	All the subjects of 3 <sup>rd</sup> semester pre-requisite	4 <sup>th</sup> semester

Some of the above pre-requisite have already been notified.

The item is placed before the council for approval.

### 43.20 Items received from the different colleges

Sl. No.	College	Item	University's view
1.	PCTE, Baddowal	<p>(a) <b><u>Eligibility of Foreign Students</u></b> It is submitted that as per Point No 41.23 of 41<sup>st</sup> Academic Council it was decided that if the name of Country is not available in the AIU Hand Book published in 2006 then institute will refer the case to PTU to obtain Equivalency from AIU. Accordingly, we referred the case of 13 Countries from where we received the request of admission to PTU to obtain equivalence certificate of these countries &amp; requested for forwarding the documents to AIU but this process takes too long &amp; generally the reply is not received. It is requested that if the name of the country is not available in the AIU Book then Equivalence Certificate issued by Embassy or competent authority of the country provided may please be accepted. In this connection please refer to our letter PCTE /Ldh/13A/1860 dated 20 May, 2013. (Copy attached).</p> <p>(b) <b><u>Revision of Other Charges (Except Tuition Fee) of Non-AICTE Course.</u></b> In view of Revision of 33% of (other charges) of AICTE Course, the case to revise the other charges (Except Tuition Fee) of Non AICTE Course was initiated by our Institute. The case has been discussed in the 41.24 Academic Meeting and Committee of Director Finance &amp; DR(Academic) has been confirmed but no reply has been received so far. In this connection please refer to our letter No. PCTE/Ldh/21 dated 26<sup>th</sup> Nov, 2012 &amp; PCTE/Ldh/21/1235 dated 14<sup>th</sup> Jan, 2013. (Copy attached).</p> <p>(c) <b><u>15% Seats for Foreigners in AICTE approved courses</u></b> As per the News published in News Paper "The Tribune" dated 14 May 2013 and "The Economics Times Chandigarh" of 13 Jan 2014, we informed the University to accord permission to enroll the 15% International students over &amp; above against the sanctioned intake for AICTE Courses also. In this connection please refer to our letter No PCTE/Ldh/15/1907 dated 4<sup>th</sup> Jun , 2013 &amp; PCTE/Ldh/15/037-038 of 14<sup>th</sup> Jan 2012. (Copy attached).</p> <p>(d) <b><u>Correction of Degree Name</u></b> The BHMCT students are getting their</p>	<p>It will be tabled</p> <p>It will be tabled</p> <p>It will be tabled</p> <p>It will be tabled</p>



		<p>Degree on which it is written "Bachelor of Degree" and this is not a notation followed anywhere in the world. So it is requested that <b>"Bachelor of Hotel Management &amp; Catering Technology"</b> may be written on the degree, as Bachelor of Degree does not make any sense. In this connection refer to our letter No PCTE/Ldh/22D/2697 dated 27<sup>th</sup> Nov, 2013. (Copy attached).</p> <p>(e) <b><u>Permission to run B.Com(Professional) class from 7A.M</u></b></p> <p>We have been running B.Com (Professional) Course in PCTE Baddowal for last Two Years from 2012-13 onwards. There are many meritorious candidates who are pursuing C.A. Course. They want to attend the classes early in the morning from 7 A.M so that that they can go for their Articles Training with Chartered Accountants. We do not have any option right now except not to admit them. In the process we are losing opportunity to have very good students on our rolls who can bring laurels to our Colleges as well as to our University in the times to come. So we hereby apply before your goodself for granting permission to start B.Com (Professional) classes early from 7 AM from next semester onwards. In this connection please refer to our letter No PCTE/Ldh/13/122 dated 5<sup>th</sup> Feb, 2014. (Copy attached).</p>	It will be tabled
6	<p>Guru Teg Bahadur Khalsa Institute of Engineering &amp; Technology</p> <p>Chhapianwali-Malout</p>	<ol style="list-style-type: none"> <li>1. Filling of Exam forms by Staff members.</li> <li>2. Fine imposed on late result declaration of 10+2/ Diploma results during session July 2013 but no fine on students who have taken admission directly in 2nd sem.in Jan. 2014.</li> <li>3. Regarding open elective subject of CSE 6th sem, subject, no revision of curriculum for 2011 onwards batch since 2002.</li> <li>4. E-Mail queries from institutions not generally replied by PTU authorities.</li> <li>5. Revaluation forms filling-no option to change subject if any wrong subject has been filled.</li> </ol>	It will be tabled
7	GGNIMT, Civil Lines Ludhiana	<p>1 <b>An Introduction of new course (Post Graduate Diploma) in Cyber security Course</b> : New Course</p> <p><b>Nature</b> : Additional Course</p> <p><b>Brief description</b> : The use of Internet has changed the entire platform of crime, criminal and their prosecution. The new added crime involves crimes like hacking, pornography, privacy violations, spamming, phishing, identity theft, cyber terrorisms, etc. The modus-operandi is different that makes it very difficult to trace the culprits. The Internet is boundary less and that makes the</p>	It will be tabled

		<p>investigation and punishment very difficult. This is a multidisciplinary area that encompasses law, computer science, finance, telecommunications, data analytics, and policing. In order to meet this challenge, there is urgent need to systematically investigate the issue of Cyber Security. Since the course is inter-disciplinary it is believed to be extremely useful for professionals in Financial sectors, General and Police Administration, Website Developer, Security Experts, Legal Experts and E-Commerce Industry In Particular.</p>	
		<p><b>2 An Introduction of 6-8 weeks Industrial training during summer vacation after fourth semester exams</b>  <b>Course :</b> BCA  <b>Nature :</b> Amendments in Course Structure  <b>Brief description :</b> The Proposed amendments is suggested because just like engineering graduates , it is believed that more the computer application student interact with Industry, better will be his or her employability prospect in the job market.</p>	It will be tabled
		<p><b>3 An Introduction of 6-8 weeks Industrial training during summer vacation after fourth semester exams</b>  <b>Course :</b> MCA  <b>Nature :</b> Amendments in Course Structure  <b>Brief description :</b> The Proposed amendments is suggested because just like engineering graduates , it is believed that more the computer application student interact with Industry, better will be his or her employability prospect in the job market.</p>	It will be tabled
		<p><b>4 An introductory subject in first semester under the title of <i>Current IT Environment</i> should be put in the course. The intent of the course should be to make students familiar with current and upcoming OS, Languages, Softwares, Applications, Hardware and other related concepts.</b>  <b>Course :</b> MCA  <b>Nature :</b> New subject in existing course (MCA)  <b>Brief description :</b> The Rationale for this subject is that it intends to outline to the student of MCA at very beginning , in the first semester, some of the successful OS (Windows, Ubuntu, Andriod, Sun Microsystem), ERP Package ( SAP, People Soft), Languages/ Environment (Scilab, MATLAB, Python, Java). Too often it is noticed that student of computer application is having a poor understanding of these</p>	It will be tabled



		<p>sucessfull software even after doing there MCA</p> <p><b>5 Modification of the course structure so as to make the subject of Computer Network (BSBC 603) preceeds System Administration (BSBC 604) by one semester at least.</b>  <b>Course :</b> BCA  <b>Nature :</b> Amendments in Course Structure  <b>Brief description :</b> The subject of System Adminstration Involves basically Windows 2003,which is an Network Operating system. However when the students are not aware about OSI Model ,or TCP/IP Model or IP addresses or the concept of Server (Things which are taught in Computer Network), it very difficult to implement the concepts in Practicalof Windows 2003. Hence two courses should not be run in parallel mode and there should be at least a semester gapbetween two.</p> <p><b>6 Upgradation of Syllabus of System Adminstration (BSBC 604) from windows 2003 to windows 2008</b>  <b>Course :</b> BCA  <b>Nature :</b> Syllabus Modification  <b>Brief description :</b> This suggestion is basically related with the outdatedness of Windows 2003 as compared to other Network operating system.</p> <p><b>7. An Introduction of Practical Lab of computer network so as to augument the theory understanding in Computer Network (BSBC 603) .</b>  <b>Course :</b> BCA  <b>Nature :</b> New subject in existing course (BCA)  <b>Brief description :</b> The suggestion is along the lines of B. Tech (CSE) , where the practical subject is used to demonstrate the student about Network Devices (Hubs, Switches, Routers), Prtocols (TCP/IP, OSI Reference), various Tools (Cables types , Connector etc.) and various LAN topologies.</p>	<p>It will be tabled</p> <p>It will be tabled</p> <p>It will be tabled</p>
8	DAVIET, Jalandhar	<p>On implementation of the 5<sup>th</sup> pay commission of Punjab Govt 6<sup>th</sup> pay commission of central govt. which was binding on all the PTU affiliated colleges, around 85% of the income goes in meeting the salary bill of the employees of the institute.</p> <p>Further due to high inflation the salary bill is increasing exponentially. In view of the above it is proposed that tuition fee may be increased by 25% enabling the institute to continue imparting the quality technical education without</p>	It will be tabled

		compromising on any aspect of quality education.  For sustainability of the institute the proposal of tuition fee enhancement may please be placed before the hon'ble members of the academic council of Punjab Technical University, Jalandhar	
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**43.21. Any other item with the permission of the Vice-Chancellor.**





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Minutes: 42<sup>nd</sup> Academic Council Meeting (20<sup>th</sup> September, 2013)

# MINUTES OF 42<sup>nd</sup> MEETING OF ACADEMIC COUNCIL HELD ON 20<sup>TH</sup> SEPTEMBER, 2013 AT 11:00 AM IN CONFERENCE ROOM, PUNJAB TECHNICAL UNIVERSITY, JALANDHAR - KAPURTHALA HIGHWAY

Dean (Academics) welcomed all members and discussed the importance to the academic council and requested to all the members to attend academic council meeting regularly. All the members should participate and deliberate to improve the academic standard in the university. All the members decided to review the participation of members in the academic council meetings. After review of the attendance for the last few meetings the report should be forwarded to all the members with a request to attend the same regularly.

Thereafter regular agenda was taken up:

## 42.01 To confirm the minutes of 41<sup>st</sup> Academic Council meeting held on 22<sup>nd</sup> March, 2013

The Council approved the minutes of 41<sup>st</sup> Academic Council held on 22<sup>nd</sup> March, 2013

## 42.02 Action Taken Report (ATR) of the 41<sup>st</sup> Academic Council Meeting

The Council noted the action taken report on the 41<sup>st</sup> meeting of the Academic council. It was also decided that the migration in the same city should be discouraged.

## 42.03 Award of Ph.D.

The council recommended the following candidates to BOG for the award of Ph.D. Degree. The list included the student under item no. 42.03 and S-42.1.

S. No	Registration No.	Name	F Name	College/Institute	Specialization	Title of Thesis
1	115908	Prabjot Kaur	S. Gursharan Singh	Riyat Institute Of Management	Management	Psychosocial Factor Affecting Job satisfaction of BPO Employees.
2	052906	Nripjit	Chaman Lal	S.B.S. College of Engg. & Tech., Ferozepur.	Mech. Engg.	Experimental Studies on Reinforced Aluminium Alloys
3	022808	Urvinder Singh	S. Kawaljit Singh	Guru Nanak Dev Polytechnic College Ludhiana-141006	ECE	Simulation Optimization of Antennas Using Stochastic Methods.
4	053808	Brij Bhushan	Harj Singh	Beant College of Engg. & Technology Gurdaspur-143521	Mech. Engg.	Investigation On Performance Of An Artificially Roughened Duct Used For A Solar Air Heater.
5	081107	Sandeep Kumar	Negh Raj	Giani Zail Singh College of Engg. & Tech., Bathinda	Physics	Natural Radiation Studies in the Environs of Western Haryana
6	041905	Vandana Naithani	B. D. Naithani	Shateed Bhagat Singh College of Engg. & Tech., Ferozepur.	Environmental Sci	Study of Effects of Organic Content and Minerals in retention of Pesticide on Soil of Ferozepur and its adjoining areas
7	124409	Zafar Ahmad Malik	Ghulam Qadir Malik	ISF College of Pharmacy, G.T. Road, Moga-142001	Pharmacy	Effect Of Some Plants On Experimental Obesity In Rats
8	124809	Vinod Kumar Gautam	Radhakrishna Gautam	ISF College of Pharmacy, G.T. Road, Moga	Pharmacy	Development and Standardization of a Polyherbal Antidiabetic Formulation With Novel Vesicular

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				142001		System
9	141404	Manoj Kumar Sachan	Dr. Ram Shankar Sachan	Sant Harchand Singh Longowal Central Institute Of Engg. & Tech, Longowal	CS	A System For Online Recognition of Gurmukhi Script
10	071508	Naib Singh Narah	Babu Ram Narah	D.A.V. College Ambala City, Haryana	Math	Effect Of Rotation In Generalized Thermoelastic Medium
11	134609	Raj Kumar Narang	Krishan Lal Narang	ISF College of Pharmacy, G.T. Road, Moga-142001	Pharmacy	Development And Characterization Of Nano-Carrier Modules For Macrophage Targeted Antibacterial Multidrug Therapy
12	125410	B.V. Krishna Reddy	B. Rami Reddy	ISF College of Pharmacy, G.T. Road, Moga-142001	Pharmacy	Role Of Peroxisome Proliferator-Activated Receptors In Experimental Neuropathic Pain
13	170708	Kulwinder Singh Mann	S. Jasjit Singh Mann	Guru Nanak Dev Engg. College, Gill Road, Ludhiana-141006	IT	Information Modeling Using Decision Support System For Strengthening Rural Health Issues
14	12.50.09	Munish Kumar	Surinder Kumar	Shaheed Bhagat Singh College of Pharmacy, Ferozepur	pharmacy	Phytochemical and Pharmacological Investigations of Some Hepatoprotective Plants
15	02.30.08	Mr. Pradyumna Kumar Patra	Sh. Pramod Kumar Patra	Dept. of ECE, NITTR, Chandigarh	ECE	Design & Development of Wideband High Gain Planar & Metamaterial Antenna for Space & Medical Applications
16	01.23.08	Sanjeev Naval	Sh. Pritiavi Ra	DAVIET, Jalandhar	Civil	Strength and Bearing Capacity of Granular Soils Reinforced with Tire Shreds
17	11.37.05	Mr. Harpreet Singh	Sh. Darshan Singh	Doraha Institute of Management & Technology, Doraha	Management	An Evaluation of Marketing Problems and Prospects of Food Processing Industry in The State of Punjab
18	02.36.09	Vishal sharma	Sh. Madan Lal Sharma	SBSCT, Ferozepur	ECE	Performance Evaluation of Single and Multi-tone ROF Transmission System
19	11.75.09	Bindya Kansal		Lecturar, CEC Landra, Mohali	Management	Women Executive in Service Sector: A Study of Attitude Challenges and opportunities
20	08.06.08	Neetu Chopra	Dr. Sunder Kumar Chopra	KMV Jalandhar	Physics	Effect of Gamma Irradiation on Optical and Structural Properties of Alkali Borate Glasses
21	07.31.09	Anil Kumar	Sh. Sat Pal	S.S.C.E.T. College, Badhoni, Pithankot	Mathematics	Mathematical Modeling for Generating Measures of Information and their Application

## B. INFORMATION AGENDA

### 42.04. To inform about admission status session 2013-14

The council noted the status of admissions made during session 2013-14.

### 42.05. Academics MoU's with different Institutions

It was informed by the Dean (Academics) that the University has signed various MoU with foreign Universities to strengthen the academic interaction. The copies of these MOU will be uploaded on the PTU website for the reference and use of colleges.

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#### 42.06 Faculty Development Programme

The Dean (Academics) informed the Council about the various MoUs /Programmes of the University regarding FDP.

The council appreciated the university initiative to train the faculty through FDP.

#### 42.07 Placements

The Dean (Academics) informed the Council about the various activities of Placement Cell.

Colleges can directly send their feedback to TPO.

#### 42.08 Disposal of old record

After detailed deliberation, the council approved the recommendations of the committee for disposal of old record.

The same procedure can be followed by the affiliated colleges.

### C. AGENDA FOR DISCUSSION & RECOMMENDATIONS

#### 42.09 To include environmental science as a subject in Ph.D.Programme under the faculty of Life Sciences in PTU

The item is deferred as most of the members are of the opinion that instead to restrict the environment science in one stream it should be promoted to all the streams. Environment science is having the topics related to many of the branches and therefore according to the topic of the research the concerned faculty should be allotted.

#### 42.10 To recognize chartered Accountancy qualification equivalent to Master's degree in commerce for admission in Ph.D. programme of Punjab Technical University.

Dean( Academic) informed the council that Association of Indian Universities recognizes the CA course as equivalent to post-graduate course in commerce since 20 March 1984 The legitimacy of the AIU letter was verified from the Institute of Chartered Accountants of India (ICAI).

Chairman suggested that Company Secretary (ICSI) and ICWAI education should also be considered equivalent

The council approved that CA (ICAI), Company Secretary (ICSI), ICWAI courses after graduation may be recognized as equivalent to Post-graduate course in commerce in Punjab Technical University for admission to Ph.D. programme.

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#### 42.11 Admission to PITs during session 2013-14

Council noted about the courses started at different PITs. The status of admission is also mentioned against each

##### 1. B. Tech. (Lateral Entry)

Sl.No.	Name of PIT	Course	Intake	Admitted
1.	PIT, Dinanagar	B.Tech (CSE)	30	
		B.Tech (ECE)	30	
2	PIT, Hoshiapur	B.Tech (CSE)	60	60
		B.Tech (ME)	90	76
		B.Tech (CE)	60	60
3.	PIT, GTB Garh	B.Tech (ME)	40	
		B.Tech (EE)	40	
4.	PIT, Khunimajra	B.Tech (ME)	30	10
		B.Tech (EE)	30	14
5.	PIT, Batala	B.Tech (EE)	30	32
		B.Tech (Chemical Engg)	30	
		B.Tech (Civil Engg)	13	

##### 2. M. Arch

Sl.No.	Name of PIT	Course	Intake	
1.	PIT, Khunimajra	Master of Architectural Education and Research	20	

##### 3. Integrated B. Tech. (+1 Non Medical)

Sl.No.	Name of PIT	Course	Intake	
1.	PIT, Batala	Integrated B. Tech. (+1 Non Medical)	30	
2.	PIT, Bhikhiwind	Integrated B. Tech. (+1 Non Medical)	60	

It was also suggested that approval of COA may be taken for Master of Architectural Education and Research course. Dr. Prabjot Kaur will look after the work of approval from COA and will make sure that the course will run as per the requirements of COA.

The council ratified the item.

#### 42.12 Updation of syllabus various courses by Board of Studies.

The syllabus as proposed by the BOS was approved.

#### 42.13. Establishment of New Colleges

The council noted the establishment of new colleges and approved the same.

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**42.14. Variation in intake/ addition of course**

The council noted the variation in intake / addition of new course of new colleges and approved the same.

**42.15 To approve the degree to be conferred in Annual Convocation to be held on 15<sup>th</sup> October, 2013**

It was informed that only Gold Medalists will be given Medals and Merit certificates in the annual Convocation of the University is going to be held on 15<sup>th</sup> October, 2013.

The Council approved award of Merit Certificate / Medals eligible for award of Degree.

**42.16. Starting of courses at Anovus Institute of Clinical Research, Chandigarh**

It was informed that University has approved starting of new courses at Anovus Institute of Clinical Research, Chandigarh

Sl.No.	Course	Intake
1.	M.Sc. (Clinical Research)	60
2.	Advance Diploma in Clinical Research	60
3.	Diploma in Clinical Research	60

The legal advice has already been taken and the eligibly for admission and syllabus for these courses has been referred to concerned BOS for updation.

**42.17. Starting of new Courses**

The council approved the starting of following courses :

Sr. No	Course Name
1	M.Sc. (Applied Physics)
2	M.Sc. (Applied Chemistry)
3	M.Sc. (Applied Math)
4	B.Sc. (Mass communication)
5	B.Sc. (Business Economics)
6	P.G. Diploma in Hotel Management & Catering Technology (1 year) after Graduation
7	MBA - in Hotel Management & Catering Technology (2 years) after graduation
8.	B.Sc. (Agriculture)
9.	MBA (Hospitality Management)
10.	MBA (Retail Management)
11.	MBA (Service Industry)

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**12. MBA (Family Business Management)**

As the following courses are not degree courses, therefore, these courses may be reviewed and put up to the next academic council meetings with justifications.

1.	Advanced Diploma in Hotel Mgt. & Catering Technology (2 years) after 10+2
2.	Diploma in Hotel Mgt. & Catering Technology (1 years) after 10+2
3.	Diploma in Food & Beverage Production (1 year) after 10+2
4.	X-Ray Technician (1 year) after 10+2
5.	C T Scan Technician (1 year) after 10+2
6.	Advanced Diploma in Speech and Hearing (2 years) after 10+2
7.	Advanced Diploma in Deaf Children Education (2 years) after 10+2

Following courses are not under the purview of PTU

B.Sc. (Non medical)
B.Sc. (Medical)

As per the orders of the Hon'ble Supreme Court of India, MBA and MCA courses are to be affiliated by the University directly. The colleges willing to start the MBA & MCA course should apply to the University in the prescribed format from session 2014-15 onward. Regulations regarding same shall be framed shortly.

**42.18. Change of Eligibility**

The item is approved as new additions of qualifications in the earlier existing qualifications.

**42.19. To design and start part-time Executive Programmes in Management, Computer Application and other fields for working people**

The item is deferred and put with complete details in the next meeting.

**42.20. Improvement of Division**

The item is approved as proposed

**42.21 Items received from different colleges**

It was decided that the items related to the academic council will only be included in the academic council from the next meetings.

**SUPPLIMENTARY AGENDA**

**S-42.1 Award of Ph.D.**

Approved and the names already included in the item 42.03.

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**S-42.2 Starting of Ph.D. Punjabi**

The item is approved

**S-42.3 Starting of new Courses**

In addition to courses under item No 42.17, the following courses have also been approved by the council to be started from session 2014-15

Sr. No	Course Name
1	B.Sc in home science Nutrition and Dietics (3 years)
2.	B.Sc in Catering & Culinary Arts (3 years)
3.	Post Graduate Diploma in Nutrition and Dietics (1 year)
4.	Bachelor of Sales, Marketing, Advertising and PR Management
5.	Bachelor Service Industry Management
6.	Bachelor of Events, Conference and Tradeairs Management.

The detailed teaching scheme and syllabus will be finalized shortly.

**S-42.4 PTU affiliated colleges/institutes can start foreign language course at their campuses.**

Council has appreciated the initiative of the university and approved the item as proposed. The information regarding the same including the rules and regulation should be uploaded on PTU website.

**S.42.5 Any other item with the permission of the Chair**

**(a) Refund of fee**

It has been learnt that some of the colleges are not refunding the fee of the students who have left the college. It was decided that all the college should refund the fee of the such student as per norms of the University.

**(b) Change of branch / upgradation**

It has been learnt that some of the seats are lying vacant in the college after the last date of admission. Keeping in view the interest of the deserving students, it has been decided that vertical upgradation within college for 1<sup>st</sup> semester students may be made by giving equal opportunity to all students as per University norms and also it should not affect the study of the students.

Meeting ended with a vote of thanks to the Chair.

*M. J. Singh*  
1/10/2013  
Dean (Academics)

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*[Signature]*

**ACTION TAKEN ON MINUTES OF 42<sup>nd</sup> MEETING OF ACADEMIC COUNCIL HELD ON 20<sup>TH</sup> SEPTEMBER, 2013 AT 11:00 AM IN CONFERENCE ROOM, PUNJAB TECHNICAL UNIVERSITY, JALANDHAR – KAPURTHALA HIGHWAY**

**A. STATUTORY AGENDA**

Item No.	Agenda Item	Action taken
42.01	To confirm the minutes of 41 <sup>th</sup> Academic Council meeting held on 22 <sup>nd</sup> March, 2013	No action required
42.02	Action Taken Report (ATR) of the of 41 <sup>th</sup> Academic Council meeting held on 22 <sup>nd</sup> March, 2013	No action required
42.03	Award of Ph.D.	Approved

**B. INFORMATION AGENDA**

42.04	To inform about admission status session 2013-14	No action required
42.06	Faculty Development Programme	No action required
42.07	Placements	No action required
42.08	Disposal of old record	Implemented

**C. AGENDA FOR DISCUSSION & RECOMMENDATIONS**

42.09	To include environmental science as a subject in Ph.D. Programme under the faculty of Life Sciences in PTU	Item was deferred
42.10	To recognize chartered Accountancy qualification equivalent to Master's degree in commerce for admission in Ph.D. programme of Punjab Technical University.	Implemented
42.11	Admission to PITs during session 2013-14	No action required
42.12	Updation of syllabus various courses by Board of Studies.	Implemented
42.13	Establishment of New Colleges	Notified
42.14	Variation in intake	Notified
42.15	To approve the degree to be conferred in Annual Convocation to be held on 15 <sup>th</sup> October, 2013	Degree Conferred
42.16	Starting of courses at Anovus Institute of Clinical Research, Chandigarh	Implemented
42.17	Starting of new courses	Approved
42.18	Change of Eligibility	Implemented
42.19	To design and start part-time Executive Programmes in Management, Computer Application and other fields for working people	Item was deferred
42.20	Improvement of Division	Implemented

**Supplementary Agenda**

S- 42.1	Award of PHD	Approved
S-42.2	Starting of PH.D in Punjabi	Implemented
S-42.3	Starting of new courses	Under Processes
S-42.4	PTU Affiliated colleges/institutions can start foreign language course at their campuses.	Approved
S-42.5	Refund of Fee Change of branch/upgradation	Implemented





ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ  
PUNJAB TECHNICAL UNIVERSITY JALANDHAR

ਰਜਿਸਟਰਾਰ ਦਫਤਰ  
OFFICE OF REGISTRAR

Reg. No. PTU/Reg/15715

Date - 25/2/2014

The Principal/ Directors  
All Affiliated Colleges.

**Subject:** Regarding the Subscription of e Journals for the year 2014.

Dear Sir/ Madam,

It is being brought to your kind notice that the PTU has formed a PTU Library consortium for the benefit of its affiliated colleges. The PTU authorities has managed to get 20% flat discount from the vendor for the subscription of all those e Journals available under DELNET consortium.

The discipline wise Subscription cost is as under: -

Sr. No.	Products	List Price in Rs.	Discount	Net Price in Rs.
1.	Info Trac Engineering Collection (IEC)	64,050/-	Special Discount	43,040/-
2.	Info Trac Management Custom Collection (IMC)	53,800/-	20%	43,040/-
3.	Info Trac Pharmacy Custom Collection (IPC)	32,500/-	20%	26,000/-
4.	Hospitality, Tourism and Leisure Collection (HTC) + Culinary Arts Collection (CAC)	97,500/-	20%	78,000/-
5.	GREENR	71,500/-	20%	57,200/-
6.	Business & Company Resource Center (BCRC) + Business Insight Global (BIG)	1,95,000/-	20%	1,56,000/-
7.	Infotrac Social Science Custom Collection (ISSC)	53,800/-	20%	43,040/-

For the subscription of these packages the college may send the payment directly to the publishers. A copy of the purchase order may be sent to PTU for record.

The Contact Person is:-

Sr. No.	Publishers	Name	Contact No. & E Mail ID
1.	Gale Cengage	Mr. Avishek	094343-94980, 097355-09849 bbibliotheca@gmail.com

If you had any query in this regard, you may contact Ms. Madhu Midha, Assistant Librarian, PTU on 01822-662518, 094780-98041 or at ptu\_madhu@yahoo.com

With Kind Regards.

  
Registrar

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Punjab Technical University Jalandhar

Kapurthala Campus : Jalandhar-Kapurthala Highway, Post Bag No. 01, Kapurthala. Ph. 01822-662521 Fax : 01822-662525

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## PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

## GENERAL NOTIFICATION

No.PTU/REG/Notification/ 519

Dated: 24/02/14

The Punjab Technical University is pleased to authorize affiliated colleges to make admissions on behalf of the Punjab Technical University, Jalandhar (hereinafter PTU) to all following course based on the criteria mentioned against each for the session 2014 - 2015.

Sr No	Course	Basis of Admission
1.	B.Tech Courses	JEE-2014 Merit*
2.	B.Arch Course	Based on Aptitude Test conducted by CBSE. Vacant seats shall be filled based on NATA conducted by the council of Architecture and marks secured in the qualifying examination in the ratio of 50:50*
3.	M. Tech. courses	Valid GATE merit*
4.	M. Pharmacy courses	Valid GPAT Score merit*
5.	All other courses	Inter-se-merit of qualifying examination

\* Vacant seats shall be filled based on the inter-se-merit of qualifying examination.

## General Conditions

- Applications shall be invited from the aspirant candidates through an advertisement at least in two leading newspapers (one in English and one in Punjabi Language) for admissions.
- Rank shall be prepared on the merit basis as per the criteria mentioned above.
- The seat matrix shall be uploaded on the college website as per the existing Punjab Government reservation policy as per Punjab Government, Department of Technical Education and Industrial Training Memo. No. 13 / 2/ 05 -1TE2/1987 dated 2<sup>nd</sup> July, 2013 available on PTU website.
- Each college shall conduct online or manual counseling. The merit list and seat allotment shall be uploaded on the college website.
- After declaration of result, seven days time shall be given to deposit the fee.
- There shall be no profiteering or charging or any capitation fee, directly or indirectly by the college. Miscellaneous charges like Admission Fee, Security, Student Fund shall be charged as per University / Punjab Govt.
- If any candidate is getting seat in general category as to his / her higher rank in merit, but the candidate belongs to reserve category and he / she has filled his category as reserve, he / she shall be given seat in general category and he will be eligible for all benefits of reserve category like Post-matric Scholarship Scheme, fee waiver scheme etc.
- In case a student surrenders his / her seat before 8<sup>th</sup> August i.e. before the 7 days of last date of admission (15<sup>th</sup> August, 2014), through an application to the college, the college will refund his / her full fee within 7 days after deducting Rs. 1000/- only. The student shall also forward a scanned copy of application submitted to the college at email [admissioncell.ptu@gmail.com](mailto:admissioncell.ptu@gmail.com)
- If a student leave after joining the course and if the seat subsequently falling vacant gets filled by another candidate by the last date of admission, the Institution must return the fees collected with proportionate deduction of monthly fee and proportionate hostel rent, where applicable.
- Whole process of admission shall be clearly available on the college website and shall be transparent and inform to Punjab Technical University before start of admission process.
- In case any complaint is received in this regards against any college, the whole responsibility shall be laid on the college and college shall be liable to pay the compensation to the concerned student(s).
- University reserves the right to withdraw the power at any time delegated to the colleges for making admission at their own level without assigning any reason.
- The process of admission can be started immediately after the issuance of notification.
- Any college can fix the minimum eligibility for admission at their own level and it should be clearly displayed on the website of the college and communicated to the University.
- No college will retain the original certificates of the students at their college. The original certificates will only be submitted at the time of eligibility check.
- The college shall comply strictly with all the rules and regulations formulated/laid down by the university or any competent authority regarding the admissions and if the college fails to comply with the rules and regulations, then the university reserves the right to take strict action against the college as per law.

Dated:

Registrar  
Punjab Technical University  
Jalandhar

Copy to : All concerned



## FEE STRUCTURE

Sl.No.	Course	Tuition Fee	Other charges
1.	B.Com (Professional)	Rs. 31000/-	Rs. 8100/-
2.	B.Sc	Rs. 19000/-	Rs. 8100/-
3.	B.Sc (A&MT)	Rs. 23000/-	Rs. 8100/-
4.	B.Sc (JMC)	Rs. 23000/-	Rs. 8100/-
5.	B.Sc (Mass Communication)	Rs. 23000/-	Rs. 8100/-
6.	B.Sc ATHM	Rs. 19000/-	Rs. 8100/-
7.	B.Sc BT	Rs. 31000/-	Rs. 11100/-
8.	B.Sc HMCT	Rs. 31000/-	Rs. 11100/-
9.	B.Sc IT	Rs. 19000/-	Rs. 8100/-
10.	B.Sc MEFT	Rs. 19000/-	Rs. 11100/-
11.	B.Sc MLT	Rs. 31000/-	Rs. 11100/-
12.	Bachelor in Family Business Management.	Rs. 19000/-	Rs. 8100/-
13.	Bachelor in Health, Spa and Resort Management	Rs. 31000/-	Rs. 8100/-
14.	Bachelor in Infrastructure and Real Estate Management	Rs. 19000/-	Rs. 8100/-
15.	Bachelor in Mobile Computing and Internet	Rs. 19000/-	Rs. 8100/-
16.	Bachelor in Rural Development and Management	Rs. 19000/-	Rs. 8100/-
17.	BBA	Rs. 31000/-	Rs. 8100/-
18.	BCA	Rs. 31000/-	Rs. 8100/-
19.	M. Com (Professional)	Rs. 23000/-	Rs. 8100/-
20.	M.Sc (BT)	Rs. 31000/-	Rs. 11100/-
21.	M.Sc (A&MT)	Rs. 23000/-	Rs. 8100/-
22.	M.Sc (Chemistry)	Rs. 31000/-	Rs. 8100/-
23.	M.Sc (FT)	Rs. 23000/-	Rs. 8100/-
24.	M.Sc (Mathimatics)	Rs. 31000/-	Rs. 8100/-
25.	M.Sc (Physics)	Rs. 31000/-	Rs. 8100/-
26.	M.Sc ATHM	Rs. 23000/-	Rs. 8100/-
27.	M.Sc IT	Rs. 23000/-	Rs. 8100/-
28.	M.Sc MLT	Rs. 31000/-	Rs. 11100/-
29.	M.Sc SIM	Rs. 23000/-	Rs. 8100/-
30.	Master in Education and Counselling Management	Rs. 23000/-	Rs. 8100/-
31.	Master in Mass Communication and Media Management	Rs. 23000/-	Rs. 8100/-
32.	Master of Science (Environmental Science)	Rs. 31000/-	Rs. 8100/-
33.	Master of Science (Hotel Management & Catering Technology)	Rs. 31000/-	Rs. 11100/-
34.	Post-graduate Diploma in Clinical Research	Rs. 31000/-	Rs. 8100/-
35.	Post-graduate Diploma in Computer Applications	Rs. 23000/-	Rs. 8100/-
36.	Post-graduate Diploma in cosmetology	Rs. 31000/-	Rs. 8100/-
37.	Post-graduate Diploma in Herbal drugs	Rs. 31000/-	Rs. 8100/-
38.	Post-graduate Diploma in Packing and Distribution Management.	Rs. 31000/-	Rs. 8100/-
39.	Post-graduate Diploma in Pharm. Business Administration	Rs. 31000/-	Rs. 8100/-
40.	Post-graduate Diploma in Pharm. Marketing.	Rs. 31000/-	Rs. 8100/-
41.	Post-graduate Diploma in Pharmaceutical Analysis	Rs. 31000/-	Rs. 8100/-
42.	Post-graduate Diploma in Pharmaceutical Packing	Rs. 31000/-	Rs. 8100/-
43.	Post-graduate Diploma in Regulatory Affairs	Rs. 31000/-	Rs. 8100/-