

AGENDA POINTS FOR 46th MEETING OF ACADEMIC COUNCIL SCHEDULED TO BE HELD ON 20th OCTOBER 2015 AT 12:00 PM AT IKG-PTU CAMPUS JALANDHAR-KAPURTHALA HIGHWAY

A. STATUTORY AGENDA

46.01 To confirm the minutes of 45th Academic Council meeting held on 29th June, 2015.

Minutes of 45th Academic Council meeting held on 29th June, 2015 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.

46.02 Action Taken Report (ATR) of the 45th Academic Council Meeting.

The action taken report on the 45th meeting of the Academic council is enclosed as **Annexure – II**.

The item is placed before the Academic Council for information.

46.03 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.	Date of Viva-voce	Name	F Name	Branch	Title of Thesis
1.	04.09.07	12-06-14	Saroj	Ram Bharosey Lal	Chemistry	SYNTHESIS, CHARACTERIZATION AND USE OF D-GLUCOSE BASED NON-IONIC GEMINI SURFACTANTS AS MICELLAR AND REVERSE MICELLAR MIMICS.
2.	02.40.09	16-06-14	Kamaljit Singh Bhatia	Beant Singh Bhatia	Electronics & Communication Engineering	INVESTIGATIONS ON OPTICAL ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS (OOFDMA) SYSTEMS
3.	11.74.09	16-06-14	Harsh Vineet Kaur	Bhajan Singh Banwait	Management	WORKING CAPITAL MANAGEMENT.
4.	03.22.09	25-06-14	Vipan Kumar	Mohinder Lal	Chemical Engineering	COMPUTATIONAL ANALYSIS FOR SEQUENCE ALIGNMENT AND PHYLOGENETIC ANALYSIS OF HUMAN HERPES VIRUS.
5.	11.62.08	27-06-14	Ritu Sehgal	Mangat Sehgal	Management	A STUDY OF CUSTOMER SATISFACTION DUE TO INTERNET BANKING OPERATIONS IN NORTHERN INDIA WITH SPECIAL REFERENCE TO STATE BANK OF INDIA.
6.	14.49.10	30-07-14	Anuj Kumar Gupta	Bhavnesht Gupta	Computer Science and Engg.	PERFORMANCE ENHANCEMENT OF ROUTING PROTOCOL IN MOBILE AD HOC NETWORKS
7.	17.10.09	30-07-14	Anshu Oberoi	B.L. Oberoi	Information Technology	QUALITY OF SERVICE (QOS) IN IP OVER WDM FOR OPTICAL NETWORKS
8.	05.39.08	13-08-14	Jasmaninder Singh Grewal	Gurbir Singh Grewal	Mechanical Engineering	STUDY OF NANOSTRUCTURED AND CONVENTIONAL TiN COATING ON BOILER STAINLESS STEELS WITH RESPECT TO EROSION AND WEAR
9.	03.20.07	28-08-14	Shailendra Jagdish Naik	Jagdish Anant Naik	Chemical Engineering	STUDY ON APPLICATION OF STEAM AND HORIZONTAL WELL TECHNOLOGY TO IMPROVE HEAVY OIL RECOVERY

10.	09.12.09	28-08-14	Deepika Bhalla	Hargurdev Singh Chopra	Electrical Engineering	IDENTIFICATION OF TRANSFORMER INCIPIENT FAULTS USING ARTIFICIAL INTELLIGENCE TECHNIQUES
11.	02.22.04	30-08-14	Sukhbir Singh Walia	Balwant Singh Walia	Electronics & Communication Engineering	SOFT COMPUTING APPROACHES TO MANAGEMENT OF PROFESSIONAL EDUCATION
12.	17.04.08	03-09-14	Pradeep Kumar Jaswal	Onkar Singh Jaswal	Computer Science and Engg.	THREE DIMENSIONAL MODELLING, RECOGNITION AND RECONSTRUCTION OF 3D SHAPES USING SIMULATION AND MODELING
13.	1010019	29-09-14	Manav Malhotra	Keshav Malhotra	Pharmacy	SYNTHESIS AND STUDIES ON NOVEL STEROIDAL 5A- REDUCTASE INHIBITORS TO BE USED IN THE TREATMENT OF BENIGN PROSTATIC HYPERPLASIA
14.	01.57.08	07-10-14	Surinder Singh Cheema	Rachpal Singh Cheema	Management	MANAGEMENT STRATEGIES FOR OBVIATE STRESS AMONG ARMY PERSONNEL.
15.	11.81.09	20-10-14	Amandeep Kaur	Jasbir Singh	Management	PERFORMANCE AND PROSPECTS OF HEALTH INSURANCE IN INDIA AN EMPIRICAL ANALYSIS
16.	1006006	03-12-14	Harminder Singh	Mohinder Singh	Mechanical Engineering	STUDIES ON THE HIGH TEMPERATURE CORROSION BEHAVIOR OF NI-BASED COLD SPRAY COATING IN WASTE INCINERATION ENVIRONMENT
17.	01.19.07	05-12-14	Subhash Chander Sharma	Kashi Ram Bhardwaj	Civil Engg.	ENVIRONMENTALLY BENIGN PROTOCOL USING PLANT BASED BIOMASS FOR POLLUTENTS REMOVAL FROM WASTE WATER
18.	1006017	05-12-14	Sukhminderbir Singh Kalsi	Mohinder Singh	Mechanical Engineering	HOT CORROSION STUDY OF COLD SPRAY COATINGS IN MEDICAL WASTE INCINERATION ENVIRONMENT
19.	07.29.09	20.05.09	Sargam Preet	J.S. Thukral	Mathematics	STUDY AND UNSTEADY LAMINAR FLOWS OF VISCOUS INCOMPRESSIBLE FLUID
20.	14.46.09	05.11.09	Sangeeta Arora	C.L. Kochher	Computer Science and Engg.	HAAR WAVELET METHODS FOR SOLUTIONS OF PARTIAL DIFFERENTIAL EQUATIONS AND IMAGE RETRIEVAL
21.	05.45.09	06.05.09	Amit Kumar Gupta	V. K. Gupta	Mechanical	DESIGN AND MODELLING OF SUPPLY CHAIN OF AN AUTOMOBILE ORGANIZATION.
22.	11.97.09	30.11.09	Ramandeep Saini	M. S. Saini	Management	COMPARATIVE ANALYSIS OF HRD PRACTICES IN SELECTED ORGANIZATIONS WITH SPECIAL REFERENCE TO PUNJAB STATE
23.	1006008	10.02.11	Kamaljit Singh	S. Gurinder Singh	Mechanical Engineering	EXPERIMENTAL INVESTIGATION FOR DEVELOPMENT OF RAPID TOOLING USING FUSED DEPOSITION MODELLING

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

B. AGENDA FOR DISCUSSION & RECOMMENDATIONS

46.04 To inform about status of autonomous colleges and approval of guidelines.

In light of the UGC guidelines of XI Plan under the scheme of autonomous colleges, higher education policy in India clearly states that “Colleges with academic and operative freedom are doing better and have more credibility”. The following colleges were given the autonomous status by UGC, subsequently autonomous status was granted by the university to the colleges.

1. Amritsar College of Engineering & Technology, Amritsar
2. Beant College of Engineering & Technology, Gurdaspur
3. Shaheed Bhagat Singh State Technical College, Ferozepur

Further as on date the university is having four autonomous colleges and the number is expected to increase in the coming years. In view of the same and in accordance to the IKG PTU Act Clause 19(g) there is requirement to frame the policy/regulations for the governess of these autonomous institutes. A committee of the following members was constituted to draft such rules and regulations for the governess of these UGC autonomous colleges.

1. Dr. S.K. Mishra, Finance Officer
2. Dr. Balkar Singh, Director (College Development)
3. Er. Ekonkar Singh, Deputy Registrar

The policy drafted by the committee is placed at **Annexure – III**

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

46.05 Golden Chance

There are many students who could not complete their degree within stipulated time period and have requested to give them golden chance to clear their degree.

The item is placed before the council for approval.

46.06 To establish Teaching Departments at IKGPTU

A committee was constituted for establishment of Teaching Department / Schools at IKG PTU, Jalandhar. The committee has given the recommendations for the establishment of schools / departments from the next academic session 2016-17 in the university. The most of schools/departments recommended by the committee were already approved by the BOG PTU.

Sl. No.	Name of the School	Courses to be established	Intake of each course	Remarks
1.	Mechanical and Allied Engineering	1. Manufacturing and Material Engg. 2. Thermal Engg. 3. Industrial Automation and Robotics	25 25 25	Already approved by BOG (39 th Meeting under Agenda item No. 39.3)
2.	Electronics and Communication Engineering	1. Wireless Communication 2. VLSI and Embedded system 3. Opto Electronics and Optical Communication	25 25 25	Already approved by BOG (39 th Meeting under Agenda item No. 39.3)
3.	Electrical Engineering	1. Energy System 2. Electrical Power 3. Components Engg. 4. Intelligent system Engg.	25 25 25 25	Already approved by BOG (39 th Meeting under Agenda item No. 39.3)
4.	Civil Engineering	1. Structural Design and Construction Technology Management 2. Transportation Engg. 3. Geotechnical and Environmental Engg.	25 25 25	Already approved by BOG (39 th Meeting under Agenda item No. 39.3)
5.	Computer Science and Allied Engineering	1. Embedded system / Image processing 2. Network Management 3. Software Engineering	25 25 25	Already approved by BOG (39 th Meeting under Agenda item No. 39.3)

6.	Applied Sciences	1. M.Sc. (Physics) 2. M.Sc. (Chemistry) 3. M.Sc. (Mathematics) 4. M.Sc. (Mass Communication) 5. M.Sc. (Environmental Science)	25 25 25 25 25	Already approved by BOG (53 rd Meeting under Agenda item No. 53.9)
7	Business Studies and Service Management Studies	MBA	60	Already approved by BOG (42 nd Meeting under Agenda item No. 42.4)
8.	Industrial Design and Development Centre	To establish central research facilities to cater the research scholars and industrial consultancy		The board should approve this item along with the approval of necessary funding to create the facility
9.	School of Universal Human Values	University shall start a first of its kind in the country to inculcate human values among students and faculty members at its existing location.		The board may approve this item along with the approval of necessary funding to create the facility.

The recommendations of the committee are as under :

1. Two schools / Departments can be established in the existing building of PIT is functioning having adequate space whereas the six schools / Departments can be established in the new upcoming building in March 2016.
2. The Schools of Business and Services Management Studies and school of Applied Sciences are the basic requirements of industry and technical education which needs to be established in the existing PIT building. The other recommended six schools should be established in the new upcoming building.

The other recommendations of the committee are placed at **Annexure-IV**.

The item is placed before the council for approval.

46.07 Guidelines for enrolment of foreign students in Ph.D.

Punjab Technical University has signed memorandum of undertaking with Royal University of Bhutan for conducting joint research by faculty/ students in fields of mutual interest (copy of MOU enclosed as **Annexure-V**). In reference to this subsequently PTU has received request from RUB faculty to registrar for PhD in Human Value **Annexure-VI**, however, such request of foreign student interested to peruse PhD with IKG PTU could not be considered so far as PTU's Ph.D guidelines are silent for admitting foreign students.

Therefore, new guidelines are proposed for foreign students enrolled in PTU's PhD program and are placed at **Annexure -VII** which are consistent with the guidelines in other university admitting foreign students. The JNU New Delhi's guidelines for foreign students admission in Ph.D are enclosed as **Annexure-VIII** for reference.

The proposed foreign student guidelines along with existing PhD guidelines may be followed for the enrollment of foreign students from other countries

The item is placed before the Council for approval.

46.08. To constitute Standing Committee on Unfair Means Cases for Regular and Distance Education Programme

As per regulations, the Constitution of UMC committee is as under:

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

The Academic Council authorized the Vice-Chancellor to appoint the member as stated above on the UMC **Committee**

The terms of previous UGC Standing committees (Regular & Distance Education) was extended for 06 months i.e. from May 2015 to 31st October 2015 or till the new committee is constituted whichever is earlier.

Following names are proposed for nomination of UMC Standing Committee.

1. Sh.B.J.Sansi (Retd Addition Session Judge) ,59 Tara Singh Avenue, Basti Bawa
Khel,Jalandhar,
2. S.Kuldip Singh.Chandi,(Retd.ADC) r/o 15 Bombay Nagar,Jalandhar
3. Dr. Tejwant Singh (Retd.Proffessor-PAU),1328 Krishna Nagar,Ludhiana

The matter is placed before the Academic Council for its recommendations to the BOG

46.09 To inform about Establishment of new Colleges and variation in intake / addition of courses

The colleges which have been established during session 2015-16 are placed at **Annexure-IX** and The colleges in which variation in intake and addition of new branch has been approved are placed at **Annexure-X**

The matter is placed before the Council for approval.

46.10 Formation of Dean (Faculties)

The previous term of the Dean of Faculties has been expired. New Dean (Faculties) are to be nominated. The proposed panel for Deans of Faculties is given below:

S.No.	Faculty	Proposed Name	Email Id	Contact No.
1.	Electrical, Electronics & Allied Engineering	1. Dr. Amarpal Singh, Principal & Professor Deptt of ECE, KCET, Amritsar	s_amarpal@yahoo.com	9855715741
		2. Dr. Yadwinder Singh Barar, Professor, Deptt of Electrical Engineering GNDEC, Ludhiana	braryadwinder@yahoo.co.in	9501027150
		3. Dr. J.S. Dhillon SLIET, Professor Deptt of Instrumentation Longowal	jsdhillonp@yahoo.com	97798 28833
2	Chemical & Biotechnology	1. Dr. M.S. Saini, Director & Professor Deptt of Chemical, GNDEC, Ludhiana	mssaini58@hotmail.com	9914425025
		2. Dr. B.K. Kanungo, Professor, Deptt of Chemical Engg, SLIET, Longonwal	b.kanungo@gmail.com	9417493403

		3. Dr. Amrit Pal Toor , Professor, Deptt of Chemical Engg, PU, Chandigarh	aptoor@yahoo.com , aptoor@pu.ac.in	9814173832
3	Computer Science, Engineering & Allied	1. Dr. Manjeet Singh Patter, Professor UCOE, Punjabi University, Patiala	mspattar@yahoo.com	0175-3046323
		2. Dr. A.L. Sangal, Principal & Professor Computer Sci. & Engg, DAVIET, Jalandhar	Sangal62@yahoo.com	
		3. Dr. Renu Dhir, Professor, Deptt of Computer Engg. NIT, Jalandhar	dhirr@nitj.ac.in	0181-2690320, 2690932
4	Pharmaceutical Sciences & Allied	1. Dr. Saranjit Singh, Professor, Deptt of Pharmacy, NIPER, Mohali	ssingh@niper.ac.in	0172-2292000, 2214682-87 Ext 2031
		2. Dr. A.N. Kalia, Professor Deptt of Pharamcy, Sai Inst. of Pharmacy, Badhani	Ankalia_47@rediffmail.com	1870 -250002
		3. Dr. Amit Jain, Professor, Deptt of Pharmacy, Guru Nanak Institute of Pharmacy, Hoshiarpur	dr.amitkain@rediffmail.com	8725002735.
5	Business & Service, Management	1. Dr. Sukhdev Singh Professor Management, GNDEC, Ludhiana	Sukhdevsingh2010@gmail.com	98154058 54
		2. Dr. Rajesh Bagga, Principal & Professor Management, APJ IMT, Jalandhar	Rajesh.bagga@rediffmail.com	9876611268
		3. Dr. R.K. Gupta , Professor, Management, PU, Chandigarh	rakeshusol@gmail.com	9988186326
6	Applied Sciences	1. Dr. A.P. Singh, Dean (RIC), IKGPTU	deanric@ptu.ac.in	94780-98005
		2. Dr. Ravi Kumar, Principal & Professor, BCET, Gurdaspur	principalbcetgurdaspur@yahoo.com	8872916665
		3. Dr. R. P. Singh, Professor, Deptt of Applied Sciences, GNDEC, Ludhiana	rpsinghgrewal@gmail.com	98152983 88
7	Mechanical & Allied Engineering	1. Dr. R.P.S. Sukherchakia, Director, PIT, Amritsar	sukerchakia@yahoo.com	9888178881
		2. Dr. Buta Singh, Dean (Academics) IKGPTU	butasidhu@yahoo.com	9501109002
		3. Dr. Sehajpal Singh, Professor, Mechanical Deptt, GNDEC, Ludhiana	meh@gndec.ac.in	98552-79865
8	Textile and Fashion Technology	1. Dr. S. Ghosh, Professor Textile Deptt, NIT, Jalandhar	ghoshs@nitj.ac.in	9463553727
		2. Dr. S.K. Sinha, Professor Textile Deptt, NIT, Jalandhar	sinhask@nitj.ac.in	0181-2690320, 2690932
		3. Dr. A. Mukhopadhyay , Professor Textile Deptt, NIT, Jalandhar	arunangshu@nitj.ac.in	0181-2690320, 2690932
9	Life Science	1. Dr. R. C. Gupta, Professor and Head, Deptt of Botany, Punjabi University, Patiala	guptarc53@rediffmail.com	94174-91981
		2. Dr. Gurcharan Kaur, Professor, Deptt of Life Sciences GNDU, Amritsar	kgurcharan.neuro@yahoo.com	9815450737
		3. Dr. Geeta Shukla , Professor, Deptt of Microbiology PU Chandigarh	geeta_shukla@pu.ac.in	9988728290
10	Planning & Architecture	1. Dr. Sandeep Dua, Professor, Deptt of Architecture GNDU, Amritsar	duasandeep18@rediff.com	9872253455
		2. Dr. Karamjit Singh Chahal, Professor, Deptt of Architecture GNDU, Amritsar	kschahal@rediffmail.com	9417107403
		3. Dr. Prabhjot Kaur, Professor, PIT, Mohali	Inchargemohali.ptu@gmail.com	9478098050

11	Civil & Environmental Engineering	1. Dr. J.N. Jha, Professor, Deptt of Civil Engg., GNDEC, Ludhiana	jagadanand@gmail.com	98728- 43371
		2. Dr. B.S. Walia, Professor, Deptt of Civil Engg., GNDEC, Ludhiana	bswalia@gndec.ac.in	9888392064
		3. Dr. Siby John, Professor, Deptt of Civil Engg., PEC, Chandigarh	johnsiby1@gmail.com	9463495575
12	Languages	1. Dr. Sukhwinder Singh, Professor, Languages Deptt., GNDU, Ladhewali	essangha@yahoo.com	9417105225
		2. Dr. Sukhdev Singh, Professor, Languages Deptt. (English), GNDU, Amritsar	Sukdev.eng@gndu.ac.in	9464225655
		3. Dr. <u>Pratibha Nagpal</u> , Professor, Deptt of English and Cultural Studies, PU, Chandigarh	pratibhanagpal@hotmail.com	9814121238
13	Applied Art & Social Science	1. Dr. Manjit Singh, Professor, Deptt of Arts., Punjabi University, Patiala	drmanjitsinghp@gmail.com	9876170620,
		2. Dr. Sukhdev Singh Sohal, Professor, Deptt of Arts (History), GNDU, Amritsar	sukhdevssohal@yahoo.com	9417314345
		3. Dr. <u>Kiranpreet Kaur</u> , Professor, Deptt of Sociology, PU, Chandigarh	kpk1111@pu.ac.in	9988858522
		4. Dr. Rajesh Gill Professor, Deptt of Sociology, PU, Chandigarh	rajeshgill@pu.ac.in	2770054, 2534742, 9417041579
14	Food Science & Technology	1. Dr. D.C. Saxena, Professor, Deptt of Food Engineering, SLIET, Longowal	dcsaxena@yahoo.com	9815608859
		2. Dr. Satish Kumar, Professor, Deptt of Food Science, PAU, Ludhiana	aa94@rediffmail.com@pau.edu	09464365617
		3. Dr. Mahesh Kumar, Professor, Deptt of Food Science, PAU, Ludhiana	mahesh@pau.edu	98726-20539
15	Law	1. Dr. Rattan Singh, Professor, Deptt of Law, GNDU, Amritsar	rattan67in@yahoo.com	9878555311
		2. Dr. <u>Devinder Singh</u> , Professor, Deptt of Law, PU, Chandigarh	devinder@pu.ac.in	9417114459
		3. Dr. Pushpinder Kaur, Deptt of Law, Punjabi Univ. Patiala	pushpinderkaurdhillon@yahoo.in	0175-2286571

The term of the Dean (Faculties) shall be two years. The detail of experience, Research Publication, grants etc. is placed at **Annexure –XI**. A copy the brief resume of each of the each panel member will also be placed in file for the reference of the members.

The council is to approve the names of the Deans of Faculties from the proposed panel.

45.11. Credit Based System

Matter regarding introducing Credit Based System for batch 2015-16 onward was put up before the Council in 45th meeting under item No. 45.11.

To implement the same from this academic session the committee has made some of the sittings again and the final draft of the policy with minor modifications is placed at **Annexure-XII**.

The item is placed before the council for approval.

45.12 January Admissions – 2016

Vide notification no. PTU/Reg./Notification 458 to 461 dated 28.10.2014 following guidelines were issued to be followed by the institutes:-

- The student will be admitted directly in January session against vacant seats of sanctioned intake of Academic year in 2nd/4th semester.
- A new batch is to be start for the January admissions.
- The total number of contact hours and teaching scheme and other norms like issuance of final degree after completion of minimum time period and minimum eligibility qualifications must be fulfilled as per University norms.

In the mean time new Notification was issued vide no. PTU/DA/859 dated 20.05.2014, according to which:

- The student shall study three (03) subject of 1st semester during summer vacations (i.e. during June & July) i.e. after 2nd semester and remaining subject after 4th semester respectively.

On the basis of this letter many of the colleges have permitted the students to appear in the examination for two consecutive semesters simultaneously, which is the direct violation of academic rules and regulations.

At the time to start the January Admissions University has given the affidavit in Court to start the January admission as a separate batch. In view of the above and on the basis of undertaking given by the University in the Court is has decided that from now onward for the January admission will be allowed only in the institutes those are ready to start new batch for the January admission.

All the previous guidelines/notification made by the university are cancelled and the fresh drafted guidelines for January admission as applicable from now onward are placed at **Annexure-XIII**.

The matter is placed before the council for discussion and approval.

46.13 Any other item with the permission of the Chair.