



## **AGENDA**

**50<sup>th</sup> Academic Council Meeting  
(13<sup>th</sup> May, 2017)**

***Venue : IKGPTU Main Campus***



**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
JALANDHAR-KAPURTHALA HIGHWAY



## AGENDA POINTS FOR 50<sup>th</sup> MEETING OF ACADEMIC COUNCIL SCHEDULED TO BE HELD ON 13<sup>th</sup> MAY, 2017 AT 11.00 AM AT IKG-PTU MAIN CAMPUS

### A. STATUTORY AGENDA

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## AGENDA FOR 50<sup>th</sup> MEETING OF ACADEMIC COUNCIL SCHEDULED TO BE HELD ON 13<sup>th</sup> MAY, 2017 AT 11.00 AM AT IKG-PTU MAIN CAMPUS

### A. STATUTORY AGENDA

#### 50.01 To confirm the minutes of 49th Academic Council meeting held on 27<sup>th</sup> June, 2016.

Minutes of 49th Academic Council meeting held on 27<sup>th</sup> June, 2016 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.

#### 50.02 Action Taken Report (ATR) of the 49<sup>th</sup> Academic Council Meeting.

The action taken report on the 49<sup>th</sup> meeting of the Academic council is enclosed as **Annexure – II**.

The item is placed before the Academic Council for information and deliberations.

#### 50.03 Award of Ph.D.

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

S. No	Registration No.	Date of Viva-Voce	Name	F. Name	Faculty	Branch	Title of Thesis
1.	1003005	13.06.16	Manish Mahajan	Rakesh Mahajan	Engineering	Computer Science and Engineering	DATA EMBEDDING IN RGB IMAGES USING WAVELET DOMAIN BASED VISUAL SALIENCY MAP
2.	1003006	15.07.16	Neeraj Mohan	Hans Raj	Engineering	Computer Science and Engineering	TRAFFIC GROOMING AND SURVIVABILITY IN OPTICAL NETWORKS

3.	1109034	02.06.16	Afroze Nazneen	Aftab Ahmad	Business Administration	Management	ORGANIZATIONAL ROLE STRESS, ORGANIZATIONAL COMMITMENT AND JOB SATISFACTION AMONG FACULTY OF HIGHER TECHNICAL EDUCATIONAL INSTITUTIONS: A COMPARATIVE STUDY OF PUNJAB AND UP.
4.	07.32.09	25.05.16	Kiran Utreja	P.L. Kinger	Applied Sciences	Mathematics	A COMPARATIVE STUDY OF FIXED POINT THEOREMS IN VARIOUS SPACES
5.	1306027	06.05.16	Sunpreet Singh	Baljinder Singh	Engineering	Mechanical Engineering	EXPERIMENTAL INVESTIGATIONS FOR DEVELOPMENT OF METAL MATRIX COMPOSITE PREPARED BY COMBINING FUSED DEPOSITION MODELLING AND INVESTMENT CASTING
6.	1310021	10.06.16	Tarun Garg	Ram Babu Garg	Pharmaceutica I Sciences	Pharmacy	DEVELOPMENT AND CHARACTERIZATION OF NOVEL PARTICULATE CARRIER SYSTEM FOR PULMONARY DELIVERY OF ANTITUBERCULAR DRUGS
7.	1210019	28.07.16	Goutam Rath	Brundab an Rath	Pharmaceutica I Sciences	Pharmacy	DEVELOPMENT AND CHARACTERIZATION OF NOVEL CARRIERS FOR WOUND HEALING
8.	17.17.10	01.08.16	Vijay Kumar	Ram Dutt	Engineering	Computer Science and Engineering	PERFORMANCE IMPROVEMENT OF ELD SYSTEM USING SOFT COMPUTING TECHNIQUES
9.	02.32.08	26.08.16	Paramjit Singh	Harbax Singh	Engineering	Electronics & Communication Engineering	IMPROVED QOS FOR COMMUNICATION NETWORKS BASED ON FUZZY LOGIC ROUTING MECHANISMS
10.	1314011	22.07.16	Vijay Rana	Gagan Singh	Applied Sciences	Computer Applications	DESIGN OF AN INTELLIGENT AGENT-BASED CONTROL FOR ONTOLOGY MATCHING IN SEMANTIC WEB
11.	1114027	31.08.16	Tejinder Pal Singh	Surjit Singh Brar	Applied Sciences	Computer Applications	DESIGN OF A CUSTOMER CENTRIC TECHNOLOGICAL MODEL OF E-BANKING
12.	1009030	22.08.16	Pretty Bhalla	Jiwan Singh Bhalla	Business Administration	Management	A STUDY OF ORGANISATIONAL CULTURE, JOB SATISFACTION AND ORGANISATIONAL ROLE STRESS IN RETAIL

							SECTOR
13.	1009055	23.08.16	Vikram Jeet	Kanshi Ram	Business Administration	Management	A STUDY OF HUMAN RESOURCE MANAGEMENT PRACTICES, ORGANIZATIONAL COMMITMENT AND JOB SATISFACTION IN SELF FINANCED & GOVERNMENT EDUCATIONAL INSTITUTIONS
14.	1109104	23.08.16	Rohan Sharma	Dinesh Sharma	Business Administration	Management	CHILDREN'S BEHAVIOUR TOWARDS TELEVISION ADVERTISEMENT AND ITS IMPACT ON FAMILY PURCHASE DECISIONS
15.	1209039	30.08.16	Tejbir Kaur	Piara Singh	Business Administration	Management	A STUDY OF JOB BURNOUT & JOB SATISFACTION IN RELATION TO ORGANIZATIONAL CULTURE –A COMPARATIVE STUDY OF PUBLIC & PRIVATE UNIVERSITIES
16.	1005003	07.09.16	Balwinder Singh	Ujagar Singh	Engineering	Electronics and Communication Engineering	DEVELOPMENT AND OPTIMIZATION OF FRACTAL PATCH ANTENNAS FOR MEDICAL AND COMMUNICATION APPLICATIONS
17.	1009036	09.09.16	Rajesh Tiwari	Harikishore Patti Tiwari	Business Administration	Management	MANGERIAL PERSPECTIVES IN HIGHER EDUCATION IN INDIAN UNIVERSITIES: A STUDY OF NORTHERN INDIA
18.	1313002	03.10.16	Harkaran Singh	Pritpal Singh	Applied Sciences	Mathematics	MATHEMATICAL MODELING AND ANALYSIS OF POPULATION DYNAMICS AND EPIDEMIOLOGY
19.	07.11.07	10.10.16	Kanwaljeet Kaur	Sadhu Singh	Applied Sciences	Mathematics	WAVE PROPAGATION IN NON- HOMOGENEOUS VISCOELASTIC MEDIA
20.	1006014	21.10.16	Rakesh Kumar	Doolo Ram	Engineering	Mechanical Engineering	STUDY OF HEAT AND MASS TRANSFER FOR LIQUID DESICCANT WITH CELDEK PACKED ABSORBER/REGENERATOR
21.	1109038	25.10.16	Tania Mengi	Vijay Mengi	Business Administration	Management	A COMPARATIVE ANALYSIS OF EVA & TRADITIONAL ACCOUNTING MEASURES AS DRIVERS/ PREDICTORS OF MVA: A

							STUDY OF SELECTED INDIAN COMPANIES.
22.	11.76.09	27.10.16	Shubh Kamna	Om Prakash Chauhan	Business Administration	Management	AN ANALYTICAL APPROACH TO MUTUAL FUNDS IN INDIA.
23.	1213005	07.11.16	Amit Sharma	Manohar Lal	Applied Sciences	Mathematics	STABILITY ANALYSIS OF PLANKTON DYNAMIC IN SPATIOTEMPORAL DOMAIN: EMPHASIZING THE IMPACT OF DELAY
24.	1005004	14.11.16	Bharat Naresh	Khazanchi Lal	Engineering	Electronics and Communication Engineering	DESIGN OF ENERGY EFFICIENT DIGITAL FILTER IN COMMUNICATION
25.	11.61.08	17.11.16	Sugandha	Satish Garg	Business Administration	Management	WORK LIFE BALANCE IN SERVICE INDUSTRY WITH RESPECT TO BANKING AND INSURANCE SERVICES
26.	1210039	18.11.16	Minky Mukhija	Amrit Lal Mukhija	Pharmaceutical Sciences	Pharmacy	ISOLATION AND CHARACTERIZATION OF ANTICANCER PRINCIPLES FROM ZANTHOXYLUM ALATUM ROXB
27.	02.45.09	25.11.16	Richa	Jugal Kishore Bhalla	Engineering	Electronics and Communication Engineering	PERFORMANCE EVALUATION OF HIGH BIT RATE OPTICAL SYSTEM WITH POLARIZATION MODE DISPERSION
28.	1203039	19.12.16	Rajeev Kumar	Som Nath Sharma	Engineering	Computer Science and Engineering	PERFORMANCE ANALYSIS OF HYBRID SWARM INTELLIGENCE TECHNIQUES FOR HIERARCHICAL CLUSTERED BASED WIRELESS SENSOR NETWORK
29.	1011002	20.12.16	Khanesh Kumar	Parkash Chander	Applied Sciences	Physics	SYNTHESIS AND CHARACTERIZATION OF SEMICONDUCTOR NANOMATERIALS FOR PHOTOCATALYTIC AND PHOSPHOR APPLICATIONS
30.	1010013	21.12.16	Sukhbir Singh	Kamal Singh	Pharmaceutical Sciences	Pharmacy	BOX-BEHNKEN DESIGNED NANOSPHERES OF CENTRALLY ACTING NON-OPIOID ANALGESIC DRUG: DEVELOPMENT AND CHARACTERIZATION
31.	1202001	21.12.16	Devender Sharma	Parma Nand Sharma	Engineering	Civil Engineering	EXPERIMENTAL INVESTIGATIONS ON UTILIZATION OF WASTE FOUNDRY SLAG WITH ALCCOFINE IN

							DEVELOPING HIGH STRENGTH CONCRETE
32.	1310014	27.01.17	Sahil Kumar	Des Raj	Pharmaceutica I Sciences	Pharmacy	SYNTHESIS AND STUDIES ON POLYMER-LINKED COMBINED ANTIMALARIAL DRUGS TO OVERCOME THE EMERGENCE OF DRUG RESISTANCE FOR RADICAL CURE OF MALARIA
33.	1203012	13.02.17	Rakesh Kumar	Kaka Ram	Engineering	Computer Science and Engineering	DEVELOPMENT OF AN ALGORITHM FOR DISAMBIGUATING HINDI POSTPOSITION SE (SE): A CASE STUDY OF HINDI TO PUNJABI MACHINE TRANSLATION SYSTEM
34.	1202005	14.02.17	Rishav Garg	Balmuka nd Garg	Engineering	Civil Engineering	MECHANICAL, DURABILITY AND MICROSTRUCTURAL ASPECTS OF CEMENT MORTAR INCORPORATING MICRO AND NANO SILICA
35.	1005013	14.02.17	Vikrant Sharma	Ram Lubhaya	Engineering	Electronics and Communicati on Engineering	PERFORMANCE OPTIMIZATION OF MULTICHANNEL, MULTIGIGABITS/SEC DWDM RING
36.	1014023	15.02.17	Rajan Manro	Ram Parkash Manro	Applied Sciences	Computer Applications	ANALYSIS AND DESIGN OF CLOUD SUPPORTED E-GOVERNANCE FRAMEWORK
37.	1105011	17.02.17	Darshan Singh	Gurdial Singh	Engineering	Electronics and Communicati on Engineering	DESIGN OF DIGITAL FILTERS USING HYBRID OPTIMIZATION TECHNIQUES
38.	1215001	21.02.17	Malika	Ashok Kumar Majhithia	Life Sciences	Biotechnology	DRAFTING OF HARMONIZED REGULATORY GUIDELINES AND VALIDATION OF THE SAME WITH A MARKETED PROBIOTIC FORMULATION
39.	1210014	21.02.17	Harsimran Singh Bhalla	Sukhwan t Singh Bhalla	Pharmaceutica I Sciences	Pharmacy	TO STUDY THE PHARMACOLOGICAL EFFECTS OF DIFFERENT DRUGS ON CARBON TETRACHLORIDE AND PARACETAMOL INDUCED HEPATOTOXICITY IN RATS

40.	1210013	21.02.17	Jagdeep Kaur	Amritpal Singh	Pharmaceutica I Sciences	Pharmacy	PHYTOCHEMICAL AND PHARMACOLOGICAL EVALUATION OF HERBAL DRUGS IN L-ARGININE INDUCED ACUTE NECROTIZING PANCREATITIS IN RATS
41.	1112004	21.02.17	Sandeep Kaushal	Jagdish Chand	Applied Sciences	Chemistry	SYNTHESIS, CHARACTERIZATION AND APPLICATIONS OF ZIRCONIUM BASED INORGANIC ION EXCHANGERS
42.	1211006	27.02.20 17	Sudhir Mittal	Parvesh Mittal	Applied Sciences	Physics	RADIOACTIVE ASSESSMENT OF THE ENVIRONS OF RAJASTHAN AREA, INDIA
43.	1009059	06.03.20 17	Ruchi Malhotra	Arun Kumar Malhotra	Business Administration	Management	A STUDY OF DETERMINANTS OF CAPITAL STRUCTURE OF LISTED COMPANIES IN INDIA.
44.	1108001	10.03.17	Gurkirpal Singh Bhangoo	Manmohan Singh	Architecture	Architecture	IMPACT OF OFFICE ENVIRONMENT ON EMPLOYEES' PRODUCTIVITY
45.	1109115	14.03.17	Pooja Kansra	Darshan Kumar	Business Administration	Management	HEALTH INSURANCE FOR THE URBAN INFORMAL SECTOR IN PUNJAB: AN EMPIRICAL ANALYSIS.
46.	1009049	17.03.17	Sudesh Kumar	Charanjit Om Parkash	Business Administration	Management	FINANCING DECISIONS: A STUDY OF PHARMACEUTICAL INDUSTRY IN INDIA
47.	1111002	27.03.17	Surbhi	Naresh Kumar Sharma	Applied Sciences	Physics	OPTICAL, ELECTRICAL AND THERMAL CHARACTERIZATION OF AMORPHOUS Ge-Sn-Se CHALCOGENIDE SYSTEM
48.	1014026	28.03.17	Simrandeep Singh Thapar	L.D. Thapar	Applied Sciences	Computer Applications	REUSABILITY BASED QUALITY FRAMEWORK FOR SOFTWARE COMPONENTS
49.	1112019	06.04.17	Rashmi Sharma	Dwarka Dass	Applied Sciences	Chemistry	SYNTHESIS AND BIOLOGICAL EVALUATION OF SOME AZAHETEROCYCLES
50.	1310008	17.04.17	Rupinder Kaur Gill	Sakatter Singh Gill	Pharmaceutica I Sciences	Pharmacy	DESIGN, SYNTHESIS AND CYTOTOXIC ACTIVITY OF SOME NOVEL HETEROCYCLIC COMPOUNDS
51.	1104002	17.04.17	Vikram Kumar	Sawan Dass	Engineering	Electrical Engineering	MULTI-OBJECTIVE MULTI-AREA UNIT COMMITMENT PROBLEM OF ELECTRIC POWER SYSTEM



52.	1109061	18.04.17	Anu Dhawan	Mulkh Raj Dhawan	Business Administration	Management	FINANCIAL PERFORMANCE OF CENTRAL COOPERATIVE BANKS IN PUNJAB- APPLICATION OF CAMELS MODEL
53.	1114004	28.04.17	Lovely Sharma	Roshan Lal	Applied Sciences	Computer Applications	DEVELOPMENT OF QUESTION -ANSWER BASED DIALOGUE SYSTEM FOR INDIAN RAILWAYS IN HINDI LANGUAGE
54.	1114009	28.04.17	Manish Kumar	R.K. Bansal	Applied Sciences	Computer Applications	DEVELOPMENT OF LEXICAL RESOURCES AND ALGORITHMS FOR AUTOMATIC TRANSLATING OF THE STUDY MATERIAL OF COMPUTER SUBJECTS FOR TECHNICAL INSTITUTIONS USING EXISTING HINDI TO PUNJABI MACHINE TRANSLATION SYSTEM
55.	1114010	28.04.17	Rajeev Puri	Ashok Kumar Puri	Applied Sciences	Computer Applications	DEVELOPMENT OF AN AUTOMATED SOFTWARE TOOL FOR PLAGIARISM DETECTION IN PUNJABI TEXT DOCUMENTS
56.	1114020	28.04.17	Harjeet Singh Arora	Joginder Singh	Applied Sciences	Computer Applications	DEVELOPMENT OF RESOURCES AND APPROACH FOR TRANSLATING THE STANDARD PUNJABI TEXT INTO ITS MALWAI DIALECT.
57.	02.43.09	07.04.17	Umesh Gupta	Rakesh Gupta	Engineering	Electronics and Communication Engineering	OPTIMIZATION OF EDFA AND RAMAN AMPLIFIERS FOR WDM SYSTEMS
58.	11.63.08	05.05.17	Damanpreet Kaur	Charanjit Singh	Business Administration	Management	MERGERS AND ACQUISITIONS IN INDIAN BANKING SECTOR
59.	1014013	05.05.17	Jagmohan Mago	Harbans Lal Mago	Applied Sciences	Computer Applications	FUZZY MODEL TO INTERPRET AND EVALUATE EDUCATION SYSTEM: TEACHER STUDENT PERSPECTIVE
60.	1014020	05.05.17	Munish Gupta	Krishan Kumar Gupta	Applied Sciences	Computer Applications	DEVELOPMENT OF CROSS LAYER ENERGY EFFICIENT PROTOCOLS FOR MULTI HOP WIRELESS SENSOR NETWORKS
61.	02.47.09	08.05.17	Raminder Singh Uppal	Avtar Singh Uppal	Engineering	Electronics and Communication Engineering	NEW DEPLOYMENT & DYNAMIC SHORTEST PATH ROUTING IN WIRELESS SENSOR NETWORK

62.	1002001	08.05.17	GURDEE PAK SINGH	S.PRITA M SINGH	Engineering	Civil Engineering	PREDICTION OF ULTIMATE LOAD CARRYING CAPACITY OF CAST-IN-SITU CONCRETE CIRCULAR BORED PILE BY ARTIFICIAL NEURAL NETWORK MODEL
63.	1311006	08.05.17	HARVIND ER KAUR	Pritam Singh	Applied Sciences	Physics	THE STUDIES OF GROUND STATE PROPERTIES OF NUCLEI AT DRIP-LINES AND SUPER-HEAVY MASS REGIONS OF NUCLEAR LANDSCAPE

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

### B. AGENDA FOR DISCUSSION & REVIEW

#### 50.04 Amendment in Ph.D. Regulations-2016

The Ministry of Human Resource Development notified UGC (Minimum Standards and procedure for award of M.Phil/Ph.D. Degree) Ph.D. Regulations, 2016 on 5th May, 2016. This is in suppression of the UGC (Minimum Standards and procedure for award of M.Phil/Ph.D. Degree) Ph.D. Regulations, 2009, notified in the gazettee of India [No. 28, Part-III- Section 4] for week July 11- July 17, 2009.

Accordingly the Ph.D regulations 2016 of IKGPTU has been framed and are placed at **Annexure –III**.

The item is placed before the council for consideration.

#### 50.05 Academic Calendar session 2017-18

Academic Calendar for session 2017-18 has been prepared and is placed at **Annexure-IV**.

Item is placed before the Council for approval.

### 50.06 Amendment in M. Tech. Regulations

The number of subjects in M. Tech. courses were 10 which were revised to 12 but necessary amendments were not made in the Academic Regulations. Therefore following amendment is proposed in the Academic Regulations Master of Technology.

Clause No.	Existing	Proposed
1.2	A candidate will have the option for the award of Post - Graduate Diploma after completion of ten papers and seminar. Provided further that such a candidate can seek readmission within a maximum period of five years from the date of PG Diploma, to pursue thesis work for the award of M.Tech. degree.	A candidate will have the option for the award of Post - Graduate Diploma after completion of all papers (Theory, practical and seminar etc). except Thesis only . Provided further that such a candidate can seek readmission within the maximum period of five years from the date of PG Diploma, to pursue thesis work for the award of M.Tech. degree.

Item is placed before the Council for approval.

### 50.07 Golden Chance

There are many students who could not complete their degree within maximum stipulated time period and have requested to give them golden chance to clear their degree. It is proposed that the golden chance may be given in November, 2017 examinations.

The item is placed before the council for approval.

#### 50.08 Ph.D. Course work 2016-17

It has been decided in the meeting of BOG held on 01.04.16 that Ph.D course work will be of 15 credits. A committee was constituted to decide the structure of pre Ph.d course work and its meeting was held on 15.06.16. The recommendation of this committee is attached herewith at **Annexure – V**.

To decide the number of papers and the course content in each subject wise committee were constituted and recommendation of each committee is attached at **Annexure –VI**.

These courses were to start at the earliest in this semester in the main campus of IKGPTU so it was decide in the meeting of IQAC held on 13.08.16 that these may be started with the approval of Hon'ble Vice Chancellor and the approval of academic Council will be taken later on and accordingly the course work has been started with the approval of Hon'ble Vice Chancellor in the main campus of IKGPTU.

The item is placed before the council for ratification.

#### 50.9 Change of Nomenclature of some UGC ( Non-AICTE) courses

Various Board of Studies / Coordinator BOS in their meeting has proposed change of nomenclature of following courses :

Sr. No.	Existing Nomenclature	Proposed Name of the course as per UGC nomeclature
1	M.Sc. (Applied Physics)	M.Sc. (Physics)
2	M.Sc. (Applied Mathematics)	M.Sc. (Mathematics)
3	M.Sc. (Applied Chemistry)	M.Sc. (Chemistry)

The matter is placed before the Council for approval.



**50.10 To inform about Progressive Initiatives taken by IKGPTU regarding affiliated institutes.**

To upgrade the standards of technical education in the state of Punjab and to ensure the planned qualitative growth of technical education in the state of Punjab, University has taken the following initiatives.

1. No New College will be opened in UGC category for Academic Session 2017-18.
2. No New Course/extension of seats in the existing colleges will be done for the session 2017-18.
3. There will be no admission in the Part Time courses running in the IKGPTU regional centres w.e.f. session 2017-18. These Regional Centres will stand closed after the passing out of admitted batch of students.
4. The list of New Colleges, New Courses and Increase in seats of existing courses for the previous academic session 2016-17, approved by the University is attached at **Annexure-VII**.
5. For the promotion of Qualitative improvements in technical education, University has decided to conduct the random inspection of some of the affiliated institutes.

. Item is place before the Council for ratification.

**50.11 Start of B. Tech (Plastic Technology) course .**

Amritsar College of Technology, Amritsar has applied to AICTE for start of new course i.e. B. Tech (Plastic Technology).

Item is place before the Council for approval.

**50.12 Amendment in evaluation system for students in Autonomous Colleges**

Keeping in view of the uniformity in the autonomous and affiliated colleges of IKGPTU it is has been recommended by the committee members that the Absolute Credit Based System should be adopted in the Autonomous and affiliated colleges of IKGPTU.

A committee was constituted to review the grading system of students in autonomous colleges. The recommendations of the committee are placed at **Annexure – VIII.**

Absolute Grading System should be followed for Autonomous Institutes except for semester 1 and semester 2 of batch 2015.

The matter is placed before the Council for approval.

**50.13 Research Journals for Ph.D. students enrolled in the faculty of Journalism and Mass Communication.**

A committee of the following was constituted to prepared a list of quality journals in which the students of Ph.D. pursuing in the faculty of Journalism and mass communication can get their research papers published :

1. Dr. K.S. Duggal, GNDU, Regional Centre, Jalandhar
2. Dr. Navjit Singh Johal, Punjabi University, Patiala
3. Dr. Vikas Dogra, Himachal Pradesh University, Shimla
4. Dr. Ranbir Singh, Punjab Technical University, Kapurthala

The recommendations of the committee are placed at **Annexure – IX.**

The matter is placed before the Council for approval.

**50.14 To approve the minutes of various Board of Studies**

The meetings of the various Board of Studies were held and the following syllabus were reviewed and available at PTU website. Minutes of meeting are placed at **Annexure –X**.

**Agenda Items of different board of Studies****1. Board of Studies (Electronics and Communication Engineering / EEE)**

- To approve the Scheme and Syllabus of M.Tech ECE (Wireless Communication) for Batch 2015 onwards (MoM BOS ECE Dated 25/04/2016 attached)

**2. Board of Studies (CSE/IT / Animation and Multimedia Technology/ Computer Applications)**

- To approve the Scheme and Syllabus of M.Tech CSE, Semester 3rd & 4th for Batch 2015 onwards, (MOM BOS CSE/IT dated 30/05/2016 attached)
- To approve the Scheme and Syllabus of M.Tech IT, Semester 3rd & 4th for Batch 2015 onwards (MOM BOS CSE/IT dated 30/05/2016)

**3. Board of Studies (Chemical Engineering)**

- To approve the Scheme and Syllabus of B.Tech Petrochem & Petroleum Refinery Engg, Semester 6 & 8 for Batch 2012 onwards (MoM BOS Chemical Engg Dated 15/03/2016 & 17/06/2016 attached).

**4. List of software training semester for the batch 2011 onwards attached.****5. Board of Studies (Agriculture)**

- To approve the Scheme and Syllabus of B.Sc. Agriculture, semester upto 6th for Batch 2014 onwards (MoM BOS Agriculture dated 09/09/2016 attached)

**6. Board of Studies (Food Engineering)**

- The scheme and syllabus of B.Tech Food Technology semester 7 & 8 Batch 2014 is approved.
- The scheme and syllabus of B.Tech Food Technology semester 3 to 8 Batch 2017 is approved.
- The scheme and syllabus of M.Tech Food Technology semester first Batch 2017 is approved.
- To review the nomenclature of M.Tech Food Technology.
- To review the eligibility criteria of M.Tech Food Technology (Copy attached MoM BOS 02/05/2017 and 29/09/2016).

The item is placed before the Council for approval.

**50.15 Mandatory accreditation for UGC and AICTE institutes.**

University has decided to make the accreditation mandatory for the affiliated institutes. All affiliated institutes will attain NAAC accreditation within one year as per UGC regulations (**Annexure- XI**) that is upto July 2018.

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

**50.16 Regarding Publications for Ph.D Degree**

As per IKGPTU Ph.D. regulations-2010, publication of two research papers is pre-condition for submission of Ph.D. thesis. As per notification no.- IKGPTU/Reg/N/4399 dated 05.9.16, out of two required papers one publication must be in Journal indexed by SCI for Science, Engineering & Pharmacy and ABDC/SCI indexed for Management. The other paper should be in refereed journal. For humanities decision could not be taken.

In the meantime, the UGC has notified the list of journals for CAS of faculties. A notification has been issued on 24.01.17, only those publications will be



considered for award of Ph.D. degree if these are out of the displayed list of journals of UGC (Notification no. F.1-2/2016 (PS) Amendments dated 10.01.17.

Many of the SCI journals and ABCD journals are not included in the journal list of UGC. UGC list is being updated regularly.

It is proposed that two publications required before submission of Ph.D thesis may be in SCI or UGC listed journals for Science & Engineering & Pharmacy and ABCD/ SCI indexed journals or UGC listed journals for Management.

In case the UGC list does not include sufficient number of journals in case of Humanities, the Research Advisory Committee (RAC) may decide the journals for the publications.

The matter is placed before Council for consideration and approval.

#### **50.17 Re-registration in Ph.D Programme.**

As per the Ph.D regulations-2010 of IKGPTU, a Ph.D scholar has to go through following stages before the completion of Ph.D

1. The candidates are admitted in Ph.D Program after qualifying a test which has been mandated by UGC.
2. He has to clear course work within two consecutive semesters.
3. After successful completion of course work, the candidates have to submit synopsis within a period of two years of his/her provisional registration and with the late fees of Rs. 10,000/- he can submit his synopsis within two and half years of his/her provisional registration in which he proposes this future year.
4. He can complete his Ph.D. within 7 years.

If the candidate fails to submit this synopsis within stipulated period no further extension shall be given and his provisional registration shall be deemed to be cancelled.

A large number of representations have been received from such candidates requesting for further extension. The reasons given by them for non-submission of synopsis within time are due to delay in declaration of course work result, non-availability of supervisor or in case females it is due to their domestic obligations and may be due to health problems.

There is no provision of giving extension to such candidates in current regulation of Ph.D.

Further, there are cases that students could not complete their course work within 2 consecutive semesters many times due to medical reasons. There is already provision of re-admission in B. Tech program.

Therefore, keeping in view the interest of the students, it is proposed that if a Ph.D scholar due to any circumstance could not continue his/her Ph.D and wishes to continue in future he/she may be allowed for re-registration.

The following norms may be followed in case of readmission

Entrance test : Entrance test and interview may be exempted for readmitted candidates.

Registration fee : He/she has to repay the admission fee of the Ph.D program as per University norms

Transfer of credit earned : Credits of course work earned during previous registration may be transferred in new registration.

Such provisions already exist in IIT Delhi.

The matter is placed for Council for consideration.

#### **50.18 Relevance of Ph.D in the program of Languages & Human Values.**

The Academic Council approved the starting of Ph.D in the program of Languages & Human Values in its 40<sup>th</sup> meeting held on 26.09.12. At present there are four students registered in English, five in Punjabi and seven in Human Values.

Since, the core competency of the University being Technical Education. Therefore relevance of Ph.D in the above subjects to be pursued by IKGPTU to be deliberated for continuing Ph.D program in Punjabi, English & Human Values.

The matter is placed for Council for discussion.

**50.19 Any other item with the permission of the Chair.**