

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL  
UNIVERSITY, BATHINDA**  
[State University established by Govt. of Punjab Act 5 (2015)  
u/s 2(f) & Approved u/s 12B of UGC Act, 1956]



**AGENDA: 3<sup>RD</sup> MEETING OF STANDING COMMITTEE  
OF ACADEMIC COUNCIL**

**MEETING VENUE: COMMITTEE ROOM**

**DATE: 24-05-2019  
TIME: 10:30 A.M.**



**Maharaja Ranjit Singh Punjab Technical University**  
**BADAL ROAD, BATHINDA-151001**

[A state University established by Govt. of Punjab vide Act No. 5 of 2015, UGC Act 2(f) & 12B]

**DEAN ACADEMIC AFFAIRS**

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Ref. No.: DAA/MRSPTU/2019/ 2595

Date: 21.05.2019

**SUBJECT: 3<sup>rd</sup> MEETING OF STANDING COMMITTEE OF ACADEMIC COUNCIL ON**  
**24.05.2019**

To

1. **Dr. (Prof.) Mohan Paul Singh Ishar,** Chairperson  
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Sir/Madam,

It is to inform you that 3<sup>rd</sup> Meeting of Standing Committee of Academic Council has been scheduled on 24.05.2019 at 10.30 A.M. in Committee Room of GZSCCET, MRSPTU, Dabwali Road, Bathinda. You are requested to make it convenient to attend this meeting. You are further requested to confirm your availability to attend this meeting and travel plan by email. TA/Honourarium will be paid as per MRSPTU, BTI norms.

**Note: It is to be noted that while claiming TA for travel by own car/taxi, toll tax receipts on the route are to be attached.**

*← Tamul 21/5/19.*  
**Deputy Registrar (A&R),**  
**O/o Dean Academic Affairs,**  
**MRSPTU, BTI**

**Copy to:**

- 1) PA to Vice Chancellor MRSPTU, Bathinda for information to the Vice Chancellor please
- 2) Registrar, MRSPTU, Bathinda
- 3) Finance Officer, MRSPTU, Bathinda

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(24.05.2019)**

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**AGENDA – 3<sup>rd</sup> STANDING COMMITTEE OF ACADEMIC COUNCIL MEETING  
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**ITEM NO. 03.01: TO APPROVE ACADEMIC CALENDAR - 2019**

The Academic Calendar of MRSPTU for Affiliated Colleges and University Main Campus (Including GZSCCET & PITs) for Academic year 2019 has been issued taking into account the UGC requirement of 90 days teaching in a semester after approval of Hon'ble Vice-Chancellor (**ANNEXURE-I: Pages 20-21**).

However, due to 6 & 8 weeks summer training after the 4<sup>th</sup> and 6<sup>th</sup> semester in B. Tech. queries have been received from affiliated colleges to extend the start of semester for 5<sup>th</sup> and 7<sup>th</sup> semester students. Accordingly, it is proposed (**ANNEXURE-II: Pages 22-24**) as follows:

|   |   |                        |
|---|---|------------------------|
| Start of session for 1 <sup>st</sup> semester | : | 1 <sup>st</sup> August |
| Start of session for 3 <sup>rd</sup> semester | : | 8 <sup>th</sup> July   |
| Start of session for 5 <sup>th</sup> semester | : | 15 <sup>th</sup> July  |
| Start of session for 7 <sup>th</sup> semester | : | 1 <sup>st</sup> August |

**The Item is placed before the Standing Committee of Academic Council for deliberation and approval please.**

**ITEM NO. 03.02: TO INFORM ABOUT HOLIDAY CALENDAR- 2019**

The Holiday calendar issued by Govt. of Punjab has been adopted for vacational and Non-vacational staff of University Main Campus and its Constituent Colleges/Affiliated Colleges during the calendar year 2019. (**ANNEXURE - III: Pages 25-27**).

**The Item is placed before the Standing Committee of Academic Council for information please.**

**ITEM NO. 03.03: TO APPROVE ADDITION/REDUCTION IN SANCTIONED INTAKE AND CLOSURE OF COURSE W.E.F. SESSION 2019-20.**

The proposal to increase/reduce sanctioned intake and closure of courses were received from PIT GTB Garh, Moga / PIT, Nandgarh / PIT, Rajpura / PSAEC, Patiala is placed at (**ANNEXURE-IV: Pages 28-45**). A meeting was held with Hon'ble Vice Chancellor of all Directors of PITs to deliberate the same.

**AGENDA – 3<sup>rd</sup> STANDING COMMITTEE OF ACADEMIC COUNCIL MEETING  
(24.05.2019)**

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| <b>S. N.</b> | <b>Name of College</b> | <b>Name of Course</b>   | <b>Already Intake</b> | <b>Proposed Intake</b> | <b>Remarks</b>     |
|--------------|------------------------|---|-----------------------|------------------------|--------------------|
| 1            | PIT, Moga              | Skill Certificate Course in Computer Maintenance & Programming Assistant                                  | 60                    | 30                     | Decrease in intake |
| 2            | PIT, Nandgarh          | B. Sc (Non-Medical), MBA, Skill Certificate in Plumbing   | -----                 | -----                  | Closure            |
| 3            | PIT, Rajpura           | BCA, BBA  | 60                    | 90                     | Increase in intake |
| 4            | PIT, Rajpura           | B. Tech. in C.S.E and E.E   | 60                    | 30                     | Decrease in intake |
| 5            | PIT, Rajpura           | Skill Certificate Course in Welder/Tool & Die Maker/RAC/Servicing & Maintenance of Electronic Instruments | 60                    | 30                     | Decrease in intake |
| 6            | PIT Rajpura            | B. Tech. in M.E, C.E, E.C.E   | 60                    | 0                      | Closure            |
| 7            | PIT Rajpura            | M. Tech. in E.C.E, E.E.   | 18                    | 0                      | Closure            |

**The Item is placed before the Standing Committee of Academic Council for deliberation and approval.**

**ITEM NO. 03.04: TO APPROVE THE START OF NEW PROGRAMME IN DIFFERENT DEPARTMENTS/ CONSTITUENT COLLEGES/ UNIVERSITY MAIN CAMPUS W.E.F. ACADMIC SESSION 2019-20 ONWARD.**

The proposal regarding start of new courses alongwith the eligibility and sanctioned intake as received from various departments is placed at (ANNEXURE-IV: Pages 28-45). A meeting was held with Hon'ble Vice Chancellor of all Directors of PITs to deliberate the same.



**AGENDA – 3<sup>rd</sup> STANDING COMMITTEE OF ACADEMIC COUNCIL MEETING  
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| <b>S. N.</b> | <b>College Name/ Deptt.</b> | <b>Course Name</b>   | <b>Duration of Programme</b> | <b>Proposed Intake</b> |
|--------------|-----------------------------|--|------------------------------|------------------------|
| 1.           | PIT, Moga                   | M. Tech. (Electrical Engg.)  | 2 Yrs.                       | 18                     |
| 2.           | PIT, Moga                   | One Year Skill Certificate Course in refrigeration and Air Conditioning Mechanic                               | 1 Yr.                        | 30                     |
| 3.           | PIT, Nandgarh               | Skill Certificate course in Computer Hardware & Networking   | 1 Yr                         | 30                     |
| 4.           | PIT, Nandgarh               | IELTS  |                              | 60                     |
| 5.           | PIT, Nandgarh               | PGDCA  | 1 Yr                         | 30                     |
| 6.           | PIT, Nandgarh               | Skill Certificate course in Computer Proficiency   | 6 months                     | 30                     |
| 7.           | PIT, Rajpura                | MCA  | 3 Yrs.                       | 30                     |
| 8.           | PSAEC, Patiala              | B. Tech. Aerospace Engg.   | 4 Yrs.                       | 60                     |
| 9.           | PIT Arniwala                | Skill certificate course in Computer Maintenance & Programming Assistant                                       | 1 Yr.                        | 30                     |
| 10.          | University Main Campus      | B. Tech. Mechatronics  | 4 Yrs.                       | 30                     |
| 11.          | University Main Campus      | B. Sc. (Hons.) Physics,<br>B. Sc. (Hons.) Chemistry  | 3 Yrs.                       | 60 seats each          |
| 12.          | University Main Campus      | Integrated UG course:<br>B. Sc. (Food Sci. & Tech.) – 3 Yrs./<br>Bachelor of Food Sci & Tech. (Hons.) – 4 Yrs. | -----                        | 30                     |
| 13.          | University Main Campus      | Bachelors in Interior Design   | 4 Yrs.                       | 30                     |

**The Item is placed before the Standing Committee of Academic Council for deliberation and approval.**

**ITEM NO. 03.05: TO APPROVE THE LIST OF COURSES OFFERED BY UNIVERSITY MAIN CAMPUS/CONSTITUENT COLLEGES AND ELIGIBILITY CRITERIA OF THE COURSES OFFERED BY THE UNIVERSITY FROM ACADEMIC SESSION 2019-20.**

A committee was constituted vide DAA/MRSPTU/2019/2437 dated 05.02.2019 to decide the courses to be offered in University Main Campus/Constituent Colleges and to review the eligibility criteria of the courses offered by the University for academic session 2019-20. The final recommendations of the committee as approved by Hon'ble Vice Chancellor are placed at (ANNEXURE-V: Pages 46-69).

**The Item is placed before the Standing Committee of Academic Council for consideration and approval.**

**ITEM NO. 03.06: TO APPROVE THE GUIDELINES TO GRANT PERMISSION TO FACULTY MEMBERS TO ATTEND THE SHORT TERM TRAINING PROGRAMME/WORKSHOP/FDP ETC.**

The guidelines/policy to grant permission to the faculty member to attend any STTP/workshop/FDP etc. during the vacations has been approved by the Hon'ble Vice-chancellor (ANNEXURE-VI: Pages 70-71). The procedure to grant permission to attend STP/Workshop/FDP etc. is as under:

The faculty member will be allowed to attend any STTP/ Workshop / FDP etc. during the vacation & test week only. The Head of the Deptt. will examine the application and recommend the case by carefully considering the following in case of recommendations during the semester.

1. The HOD shall make sure that the STTP / Workshop / FDP etc. is organized by an academic or research institute / recognized association / recognized organization / recognized society / professional bodies of national or international level.
2. The STTP / Workshop / FDP etc. is related to subject domain / own discipline / research area of the faculty member.
3. HOD must ensure the training program is essentially required for upgrading the subject knowledge / technique that is part of teaching curriculum or specialised training to enhance functional knowledge of the upgraded equipment facility.
4. In addition it is proposed that, HOD shall ensure that after completing the above programme, the faculty member involves/contributes towards the



**AGENDA – 3<sup>rd</sup> STANDING COMMITTEE OF ACADEMIC COUNCIL MEETING  
(24.05.2019)**

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department and students in the area of STTP by taking subject courses or expert talks therein.

**The Item is placed before the Standing Committee of Academic Council for approval please.**

**ITEM NO. 03.07: UNIVERSITY FELLOWSHIP TO EACH DEPARTMENT PER YEAR TO PROMOTE QUALITY RESEARCH.**

As per the meeting of the HOD of the University department held on 15.01.2019 in the office of Vice Chancellor. It was decided that one University fellowship will be given/allocated to each department per year. A committee was constituted vide no. DAA/MRSPTU/2019/2404 dated 23.01.2019 to decide the general terms & conditions, modalities, contingency grant and stipend etc. for awarding university fellowship to every department. The detailed guideline prepared by the committee is annexed at (ANNEXURE-VII: Pages 72-79).

**The Item is placed before the Standing Committee of Academic Council for consideration and approval.**

**ITEM NO. 03.08: TO INFORM THE AMENDMENT IN THE CHOICE BASED CREDIT SYSTEM - 2016.**

Consequent upon the approval of Hon'ble Vice Chancellor the modification in the Choice Based Credit System – 2016 were made. The following clause was added as sub section (c) of Point no. 4 of existing Choice Based Credit System 2016 (ANNEXURE-VIII: Page 80).

'The Dean Academic Affairs of the University in case of University Departments and Principal/Director in case of constituent/affiliated institutions may condone attendance shortage upto 10% in the total for reasons to be recorded in writing (owing to serious illness, calamity). The students who participate in any game / sports / competitions / attend the camps officially or with prior approval of the institution shall be treated 'ON DUTY' and not as absent'. The same was notified vide DAA/MRSPTU/Notifications/2018/51 dated 27.12.2018 (ANNEXURE-IX: Page 81).

**AGENDA – 3<sup>rd</sup> STANDING COMMITTEE OF ACADEMIC COUNCIL MEETING  
(24.05.2019)**

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**The Item is placed before the Standing Committee of Academic Council for information please.**

**ITEM NO. 03.09: TO CONSIDER THE CHANGE IN THE NAME/STATUS OF THE VARIOUS DEPARTMENTS OF THE UNIVERSITY.**

The HOD's of the respective departments were asked to prepare the proposal regarding the change in the name of the departments vide letter no. 3721 dated 05.12.2018. In response to same letter, proposal regarding change of the name of the following departments has been received vide letter no. Arch/D/18-976 dated 06.12.2018 and letter no. Chem/19/827 dated 17.01.2019 (ANNEXURE-X: Page 82-85).

| <b>Sr. No.</b> | <b>Present name of Department</b>                     | <b>Proposed Name</b>                                      |
|----------------|---|---|
| 1.             | Department of Applied Physics, MRSPTU, Bathinda       | Department of Physics, MRSPTU, Bathinda                   |
| 2.             | Department of Applied Chemistry, MRSPTU, Bathinda     | Department of Chemistry, MRSPTU, Bathinda                 |
| 3.             | Department of Applied Mathematics, MRSPTU, Bathinda   | Department of Mathematics, MRSPTU, Bathinda               |
| 4.             | School of Planning and Architecture, MRSPTU, Bathinda | GZS School of Architecture and Planning, MRSPTU, Bathinda |

**The Item is placed before the Standing Committee of Academic Council for consideration and decision please.**

**ITEM NO. 03.10: TO APPROVE THE MODIFICATION IN MIGRATION REGULATIONS – 2016.**

To streamline the process of migration (Inter/Intra University) certain modification/suggestion were incorporated in the Migration Regulations – 2016 dated 07.01.2019, which were approved by Hon'ble Vice Chancellor (ANNEXURE-XI: Page 86).

1. Intra University migration to Lateral Entry students in 5<sup>th</sup> semester of UG Programmes will be allowed to those students who are eligible to register for 5<sup>th</sup> semester of their UG Programmes, only if the distance between the parent Institute and the Institute where migration is sought are more than 40 kilometers by road.



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The candidates shall not be allowed to change his/her Discipline/Programme of study in the process of migration.

2. When the student applies for Inter University migration from MRSPTU, Bathinda to some other University, during his/her degree/course, he/she will be issued NOC after depositing of Rs. 10,000/-
3. As per university migration rules, in case of Inter University migration in which the student wants to migrate from some other University to MRSPTU, Bathinda during his/her degree;
  - (i) The student should have passed all the courses of the first year of his/her Programme of the University from where he/she wants to migrate.
  - (ii) The Institute and the University where the student is studying and the Institute to which migration is sought, have no objection to the migration.
  - (iii) The student requires to submit attested hard copies of results and syllabus of the courses studied by the student during 1<sup>st</sup> year.
  - (iv) The syllabus of the other University should be mapped 70% with the syllabus of MRSPTU, Bathinda before migration to be allowed to the student.
  - (v) After mapping of the syllabus of other University with syllabus of MRSPTU, if it is found that 70% of syllabus is not similar/equivalent to the syllabus of MRSPTU, the student will be allowed to migrate if he/she agrees to take bridge course/repeat the course of deficit subjects.

**The Item is placed before the Standing Committee of Academic Council for approval please.**

**ITEM NO. 03.11: TO INFORM THE CONSTITUTION OF BOC OF THE DIFFERENT DEPARTMENTS OF MRSPTU BATHINDA.**

Consequent upon the approval of Hon'ble Vice Chancellor the Board of Control of the various/different departments of University were constituted to deliberate and advise the departments to decide/resolve various routine Academic matters of the respective departments (**Annexure-XII: Pages 87-100**). The term for Board of Control shall be a period of two years i.e., till 31st Dec., 2020. The Quorum for the Board of Control is a minimum of half of the members of the Board of Control including the Chairperson. The main functions of BOC are as under:

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- i. To recommend admission of students for all classes in accordance with the Rules/Regulations of the University.
- ii. To lay down the procedure for selection of candidates for the award of scholarship and fellowship.
- iii. To advise the Head, on all administrative matters of general interest and to see that the departmental duties and privileges are equitably allowed to all the members of the Department.
- iv. To act as student counselors and to help in maintaining discipline in the Department.
- v. To advise the Head on matters of allocation of funds provided by the University to the Department for Research Development and various extracurricular activities of the Department.
- vi. To recommend applications for study leave, within the frame work of the Regulations of the subject.
- vii. To recommend allotment of supervisors to post graduate students.
- viii. To consider the requirements of the Department for meeting emergent temporary appointments.
- ix. To prepare proposals for the new and additional demands for the annual and supplementary budget.
- x. To device ways for proper utilization of the non-teaching staff in the department.
- xi. Need-based proposals with justification for creation/upgrading of teaching posts in the field of the specialization and diversification of research activities shall be made by the department through the Board of Control. Such proposals shall then be examined by the Committee constituted by the Vice-Chancellor for screening the new and additional demands of the Departments.
- xii. A proposal for transfer of teaching post(s) lying vacant in a department to a new department or to other department/s would be examined by a Committee to be constituted by the Vice-Chancellor keeping in view the position of the department(s) concerned for filling up the post(s) in the department(s).
- xiii. A proposal for abolition of a teaching post(s), made by the department on the recommendation of Board of Control would be reviewed by the Committee to be constituted by the Vice-Chancellor.
- xiv. To prepare lists of equipment, chemicals accessories, furniture, stationery, etc., to be purchased, consistent with the requirements and available resources of the department.
- xv. To maintain up to date lists of firms to be addressed to for inviting quotations for purchase of various articles.



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- xvi. To provide a periodic check on the maintenance of equipment and other items and to arrange for their repair or disposal, whenever needed.
- xvii. To advice on the proper maintenance and display of items in the Department, if any.
- xviii. To distribute teaching load and prepare time table; the latter in consultation with Dean (AA)/Director Campus.
- xix. To decide space allocation in the departments.
- xx. To propose starting of new courses/programmes in the departments.
- xxi. To propose procurement of new equipment/software.
- xxii. To recommend appointment of teaching staff as per need.

**The Item is placed before the Standing Committee of Academic Council for information please.**

**ITEM NO. 03.12: TO INCLUDE COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATION (CISCE/ICSE) FOR ADMISSION IN MRSPTU.**

It was observed that certain news items have been published in media as well as with reference to MHRD letter in response to RTI application dated 07.01.2016 regarding the grant of recognition/validity/genuineness of the Council for Indian School Certificate Examination (CISCE). It has created much confusion about the status of this Council.

Thereafter a letter having no.DAA/MRSPTU/2018/2258/3517 dated 16.11.2018 was sent to Council of Boards of School Education in India, 6H BigJo's Tower, A-8 Netaji Subhash Place, Ring Road, Delhi to clarify the validity/genuineness of certificate issued by CISCE. Meanwhile, the students who have passed their qualifying examination from Council of Indian School Certificate Examination were provisionally allowed for the admission.

Thereafter, the reply received from Council for Indian School Certificate Examination is reproduced as under:

*"It is mentioned that CISCE is a registered Society since 1967 under the Societies Registration Act. It was established with a view to administer the University of Cambridge, Local Examination, Syndicate's Examination in India. For more details, you may kindly visit <http://www.cisce.org>. It is pertinent to mention here that the name of CISCE/ ICSE appears in Chapter-I of the Delhi School Education Act, 1973 (Act No. 18 of 1973) as an "examination conducting" body". (ANNEXURE-XIII: Pages 101-103).*

**The Item is placed before the Standing Committee of Academic Council for deliberation and direction to grant the admissions.**

**ITEM NO. 03.13: TO APPROVE THE POLICY TO STRENGTHEN/IMPROVE QUALITY RESEARCH.**

A Public Notice from UGC vide no. F.1-2/2016(PS/III Amendment) dated 28.11.2018 regarding adoption of the journals in various streams was circulated. The same is annexed (**ANNEXURE-XIV: Pages 104-107**).

**The Item is placed before the Standing Committee of Academic Council for consideration and adoption please.**

**ITEM NO. 03.14: TO APPROVE REVISED/UPDATED STUDY SCHEME OF B. TECH. (1<sup>ST</sup> SEMESTER) FOR SESSION 2018-19.**

As the updated/revised study scheme of B. Tech. 1<sup>st</sup> semester which was to be implemented w.e.f. Session 2018, was approved in the Academic Council meeting held on 16.11.2018, therefore it could not be implemented retrospectively as the Session 2018 started in July 2018 and students had attended the course as per the old study scheme. Accordingly, a Notice vide Ref. No. DAA/MRSPTU/2018/2333 dated 14.12.2018 was issued with the approval of Hon'ble Vice Chancellor (**ANNEXURE-XV: Pages 108-110**).The same is placed for approval.

Further it is proposed that updated study scheme shall be adopted w.e.f. session 2019-20 onward.

**The Item is placed before the Standing Committee of Academic Council for approval please.**

**ITEM NO. 03.15: TO INFORM ABOUT FEE STRUCTURE FOR UNIVERSITY MAIN CAMPUS, PITs, PSAEC PATIALA AND GZSCCET MRSPTU, BATHINDA FOR SESSION 2019-20 AND FEE STRUCTURE OF PG SKILL COURSE & B. SC. AIRCRAFT MAINTENANCE ENGG. FOR AFFILIATED COLLEGES.**

Consequent upon the approval of Hon'ble Vice Chancellor, the fee structure for University Main Campus, PITs, PSAEC Patiala and GZSCCET

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MRSPTU, Bathinda for session 2019-20 was notified vide no. DAA/MRSPTU/Notifications/52 dated 08.01.2019 and is placed at **(ANNEXURE-XVI: Pages 111-117)**.

Further, the fee structure of some new courses which are to be offered by the University have also been approved by Hon'ble Vice Chancellor. The same was notified vide no. DAA/MRSPTU/Notifications/54 dated 15.04.2019 and DAA/MRSPTU/Notifications/2019/56 dated 14.05.2019 are placed at **(ANNEXURE-XVII: Page 118 & XVIII: Pages 119-121)**.

**The item is placed before the Standing Committee of Academic Council for information and approval please.**

**ITEM NO. 03.16: TO APPROVE THE ADDITIONAL ELECTIVE SUBJECTS OF MCA, B. TECH. (PETROCHEMICAL & PETROLEUM REFINERY ENGG.) AND BBA COURSES FOR 2016 BATCH ONWARDS.**

Some issues were raised regarding the elective courses approved by BOS of Management and Computer Application **(ANNEXURE-XIX: Pages 122-123)**. Taking these into account, matter was put up to the respective BOS Chairperson. The matter was resolved as per the comments received **(ANNEXURE-XX: Pages 124-131)**.

Chairperson, BOS in Petrochemical & Petroleum Refinery Engg. has proposed an open elective subject i.e. Environmental Technology & Safety (BCIE0-F91) and is placed at **(ANNEXURE-XX: Pages 124-131)**.

**The item is placed before the Standing Committee of Academic Council for consideration and approval please.**

**ITEM NO. 03.17: TO APPROVE MINUTES OF DDRC MEETINGS HELD IN VARIOUS MRSPTU DISCIPLINES DURING JANUARY 2019.**

Departmental Doctoral Research Committees have met from time to time for admitting Ph.D. students and to address various related issues. Minutes of Meeting held from January 2019 onwards are annexed at **(ANNEXURE-XXI: Pages 132-139)**.

**The item is placed before the Standing Committee of Academic Council for perusal and approval.**

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**ITEM NO. 03.18: TO INFORM Ph.D. CANDIDATES ENROLLED/REGISTERED WITH MRSPTU DURING JANUARY 2019**

Provisional Admission orders of Ph.D. candidates enrolled with MRSPTU, Bathinda during January 2019 under various Disciplines is annexed at (ANNEXURE-XXII: Pages 140-152). The compiled list shall be uploaded on MRSPTU web-site also as per the UGC format.

**The item is placed before the Standing Committee of Academic Council for information and approval.**

**ITEM NO. 03.19: TO APPROVE CONSTITUTION OF BOARD OF STUDIES IN AERONAUTICAL & AEROSPACE ENGINEERING AND FASHION TECHNOLOGY.**

Board of Study in (Aeronautical and Aerospace Engineering) as proposed by Director, PSAEC Patiala and Board of Study in Fashion Technology as proposed by Ex-BOS Chairperson in (FT) are placed at (ANNEXURE-XXIII: Pages 153-157). To maintain the uniformity in the tenure with other BOS, it is proposed to keep its tenure upto 30.09.2019 i.e. coterminous with all other BOS with one term extension, if agreed.

**The Item is placed before the Standing Committee of Academic Council for approval please.**

**ITEM NO. 03.20: TO APPROVE UNDER GRADUATE SCHEME AND SYLLABI**

Under graduate scheme and syllabi of following courses as proposed by respective BOS are put up at (ANNEXURE-XXIV: Pages 158-699).

| <b>S. No.</b> | <b>Syllabi</b>   | <b>Page No.</b> |
|---------------|--|-----------------|
| 1             | Scheme and syllabus of B. Tech. (Mining Engg.) 7 <sup>th</sup> – 8 <sup>th</sup> Sem. 2016 Batch onwards   | 158-172         |
| 2             | Scheme and syllabus of B. Tech. (Petrochemical & Petroleum Refinery Engg.) 7 <sup>th</sup> – 8 <sup>th</sup> Sem. 2016 Batch onwards   | 173-188         |
| 3             | Scheme and syllabus of B. Tech. (Automobile Engg.) 7 <sup>th</sup> – 8 <sup>th</sup> Sem. 2016 Batch onwards   | 189-205         |
| 4             | Scheme and syllabus of B. Tech. (Marine Engg.) 7 <sup>th</sup> – 8 <sup>th</sup> Sem. 2016 Batch onwards   | 206-218         |
| 5             | Scheme of B. Tech. Computer Science & Engg. 3 <sup>rd</sup> – 8 <sup>th</sup> Sem. 2018 Batch onwards.<br>Syllabus of B. Tech. Computer Science & Engg. 3 <sup>rd</sup> – 4 <sup>th</sup> Sem. 2018 Batch onwards. | 219-239         |



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|    |  |         |
|----|--|---------|
| 6  | Scheme and syllabus of B. Tech. IT 3 <sup>rd</sup> – 4 <sup>th</sup> Sem. 2018 Batch onwards.  | 240-256 |
| 7  | Scheme and syllabus of B. Tech. Aeronautical Engg. 3 <sup>rd</sup> – 8 <sup>th</sup> Sem. 2017 Batch.  | 257-319 |
| 8  | Scheme of B. Tech. Aeronautical Engg. 3 <sup>rd</sup> – 8 <sup>th</sup> Sem. 2018 Batch onwards<br>Syllabus of B. Tech. Aeronautical Engg. 3 <sup>rd</sup> – 4 <sup>th</sup> Sem. 2018 Batch onwards                                     | 320-347 |
| 9  | Scheme and syllabus of B. Tech. (Civil Engg.) 3 <sup>rd</sup> – 4 <sup>th</sup> Sem. 2018 Batch onwards  | 348-387 |
| 10 | Scheme and syllabus of B. Tech. (Electrical Engg.) 3 <sup>rd</sup> – 4 <sup>th</sup> Sem. 2018 Batch onwards   | 388-412 |
| 11 | Scheme of B. Tech. (Electronics & Communication Engg.) 3 <sup>rd</sup> – 8 <sup>th</sup> Sem. 2018 Batch onwards.<br>Syllabus of B. Tech. (Electronics & Communication Engg.) 3 <sup>rd</sup> – 4 <sup>th</sup> Sem. 2018 Batch onwards. | 413-441 |
| 12 | Scheme and syllabus of B. Tech. (Electrical & Electronics Engg.) 3 <sup>rd</sup> – 4 <sup>th</sup> Sem. 2018 Batch onwards.  | 442-465 |
| 13 | Scheme and syllabus of B. Tech. (Mechanical Engg.) 3 <sup>rd</sup> – 4 <sup>th</sup> Sem. 2018 Batch onwards   | 466-497 |
| 14 | Scheme of B. Tech. Textile Engg. 3 <sup>rd</sup> – 8 <sup>th</sup> Sem. 2018 Batch onwards.<br>Syllabus of B. Tech. Textile Engg. 3 <sup>rd</sup> – 4 <sup>th</sup> Sem. 2018 Batch onwards.   | 498-514 |
| 15 | Scheme and syllabus of B. Sc. (Food Technology) / Bachelor of Food Science & Technology (Hons.) 1 <sup>st</sup> – 2 <sup>nd</sup> Sem. 2019 Batch onwards  | 515-529 |
| 16 | Scheme and syllabus of B. Sc. Non-Medical 1 <sup>st</sup> – 6 <sup>th</sup> Sem. 2018 Batch  | 530-572 |
| 17 | Scheme and syllabus of B. Sc. Non-Medical 1 <sup>st</sup> – 6 <sup>th</sup> Sem. 2019 Batch onwards.   | 573-621 |
| 18 | Scheme and syllabus of B. Sc. (Hons.) Agriculture 7 <sup>th</sup> – 8 <sup>th</sup> Sem. 2016 Batch  | 622-666 |
| 19 | Scheme of B. Sc. (Hons.) Mathematics 1 <sup>st</sup> – 6 <sup>th</sup> Sem. 2018 Batch onwards.<br>Syllabus of B. Sc. (Hons.) Mathematics 1 <sup>st</sup> – 4 <sup>th</sup> Sem. 2018 Batch onwards.                                     | 667-689 |
| 20 | Scheme of B. Sc. (Hons.) Physics 1 <sup>st</sup> – 6 <sup>th</sup> Sem. 2019 Batch onwards.  | 690-692 |
| 21 | Scheme of B. Sc. (Hons.) Chemistry 1 <sup>st</sup> – 6 <sup>th</sup> Sem. 2019 Batch onwards.  | 693-696 |
| 22 | Scheme of B. Tech. Avionics Engineering 3 <sup>rd</sup> – 8 <sup>th</sup> Sem. 2019 Batch onwards.   | 697-699 |

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**The Item is placed before the Standing Committee of Academic Council for approval please.**

**ITEM NO. 03.21: TO APPROVE POST GRADUATE SCHEME AND SYLLABI**

Post graduate scheme and syllabi of following courses as proposed by respective BOS are put up at (ANNEXURE-XXV: Pages 700-1001).

| <b>S. No.</b> | <b>Under Graduate Syllabi</b>  | <b>Page No.</b> |
|---------------|--|-----------------|
| 1             | Scheme and syllabus of BCA-MCA Dual Degree Programme 1 <sup>st</sup> – 6 <sup>th</sup> Sem. 2018 Batch   | 700-729         |
| 2             | Scheme and syllabus of BCA-MCA Dual Degree Programme 1 <sup>st</sup> – 6 <sup>th</sup> Sem. 2019 Batch onwards                                       | 730-759         |
| 3             | Scheme and syllabus of M. Sc. Computer Science 1 <sup>st</sup> – 4 <sup>th</sup> Sem. 2018 Batch   | 760-778         |
| 4             | Scheme and syllabus of M. Sc. Computer Science 1 <sup>st</sup> – 4 <sup>th</sup> Sem. 2019 Batch onwards   | 779-794         |
| 5             | Scheme and syllabus of PGDCA Programme 1 <sup>st</sup> – 2 <sup>nd</sup> Sem. 2019 Batch onwards.  | 795-805         |
| 6             | Scheme and syllabus of Pre-Ph.D. Course (Food Science & Technology) 2019 Batch onwards   | 806-811         |
| 7             | Scheme and syllabus of Pharm. D. 1 <sup>st</sup> – 5 <sup>th</sup> Year 2016 Batch   | 812-887         |
| 8             | Scheme and syllabus of Pharm. D 1 <sup>st</sup> – 5 <sup>th</sup> Year 2017 Batch  | 888-963         |
| 9             | Scheme and syllabus of M. Tech. CSE 3 <sup>rd</sup> – 4 <sup>th</sup> Sem. 2018 Batch  | 964-973         |
| 10            | Scheme of MBA 1 <sup>st</sup> – 4 <sup>th</sup> Sem. 2019 Batch onwards<br>Syllabus of MBA 1 <sup>st</sup> – 2 <sup>nd</sup> Sem. 2019 Batch onwards | 974-1001        |

**The Item is placed before the Standing Committee of Academic Council for approval please.**

**ITEM NO. 03.22: TO APPROVE THE INTERNAL FACULTY FOR THE CONDUCT OF VIVA VOCE EXAMINATION.**

As per the existing practice an external faculty is invited for the conduct of external viva voce examination at the end semester examination for B. Tech., M. Sc. / B. Sc. Programmes. It has been observed that sometimes the senior/experienced and qualified faculty as outside external examiners from other institutions is not easily available and also it involves lot of financial

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obligations for the University. Whereas, in our University now we have experienced and qualified faculty, so it is proposed by the HOD Physics MRSPTU that for the conduct of external viva voce examination, some other faculty member of the same department may be allowed to act as external examiner in addition to the existing practice (**ANNEXURE-XXVI: Page 1002**).

**The Item is placed before the Standing Committee of Academic Council for deliberation and approval please.**

**ITEM NO. 03.23: TO APPROVE B. TECH. WITH MINOR ENGG. AND/OR B. TECH. WITH HONOURS.**

In its model curriculum 2018, AICTE has made provision for B. Tech. with honours and B. Tech. with minor engineering. “A student will be eligible to get Under Graduate degree with Honours or additional Minor Engineering, if he/she completes an additional 20 credits. These could be acquired through MOOCs.” (**ANNEXURE-XXVII: Page 1003**).

It is proposed that the same may be adopted for the students of MRSPTU, Bathinda. The concerned BOS shall make provision for the same.

**The Item is placed before the Standing Committee of Academic Council for approval please.**

**ITEM NO. 03.24: TO APPROVE PROCEEDINGS OF THE BOS (AGRICULTURE SCIENCES).**

The meeting of BOS (Hons.) Agriculture was held on 7 March, 2019. The BOS suggested that;

1. *“B. Sc. (Agronomy) and B. Sc. (Agriculture Economics) does not have much relevance in present national scene and scenario. However, these courses are being taught as elective subjects in the regular curriculum of B. Sc. (Hons.) Agriculture. Committee has also discussed that these courses are not being taught in any of the reputed university of the country and are also not in line with the ICAR education frame work”.*

In view of above, it is proposed that B. Sc. (Agronomy) and B.Sc. (Agriculture Economics) may not be offered from Academic Session 2019-20.

2. B. Sc. Agriculture is being run in MRSPTU affiliated colleges for 2016, 2017 and 2018 Batch. The BOS recommended that “*the nomenclature of B.Sc. Agriculture degree should be renamed as B.Sc. (Hons.) Agriculture. This will help in making this degree as a Professional Course and at par with the other Universities/Institutions and enable the students to get wider acceptance for higher education at National and International level*”. The proceedings of the meeting are placed at (**ANNEXURE-XXVIII: Pages 1004-1005**).

In view of above, it is proposed that the nomenclature of B. Sc. Agriculture may be changed to B. Sc. (Hons.) Agriculture from 2019 Batch onwards. The matter regarding change of nomenclature from 2016, 2017 and 2018 Batch is placed for deliberation and directions please.

**The Item is placed before the Standing Committee of Academic Council for deliberation and decision please.**

**ITEM NO. 03.25: TO APPROVE PROCEEDINGS OF THE BOS (MECHANICAL ENGINEERING).**

The meeting of BOS (Mechanical Engg.) was held on 14 March, 2019. As per the point no. 4 and point no. 5 of the MoM, the BOS have taken the following decisions;

1. The proposal to start B. Tech. Mechatronics branch was discussed and was recommended to be started from session 2019. The study scheme of first year will remain as that of B. Tech. Mechanical Engg.
2. Syllabus for the subject of Engineering Graphics and Design was also revised for first year.

The proceedings of the meeting are placed at (**ANNEXURE-XXIX: Pages 1006-1011**).

**The Item is placed before the Standing Committee of Academic Council for approval please.**

**ITEM NO. 03.26: REGARDING TAKING OF COUNSELLING FEE FROM SC/ST STUDENTS AND FROM THE STUDENTS WHOSE CERTIFICATES HAS BEEN VERIFIED OF 2018 BATCH ADMISSION.**

As per the approval of competent authority the counseling fee for admission from SC/ST students of 2018 batch was deferred till further orders vide



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office order no.DAA/MRSPTU/2018/2052 dated 30.08.2018. (ANNEXURE-XXX: Pages 1012-1013). Thereafter, vide office order no. DAA/MRSPTU/2018/2042 dated 28.08.2018 and DAA/MRSPTU/2018/2128 dated 24.09.2018 fine was imposed for late submission of counseling fees for AICTE courses for session 2018-19. Vide office order no. DAA/MRSPTU/2018/2127 dated 24.09.2018 fine was imposed for late submission of counseling fees for Non-AICTE courses for session 2018-19. However, Vice Chancellor desired Admission processing/counseling fee is to be charged for number of students whose certificates are verified. Therefore, late fee proposal is not valid (ANNEXURE-XXXI: Pages 1014-1017).

**The Item is placed before the Standing Committee of Academic Council for deliberation and direction please.**

**ITEM NO. 03.27: TO APPROVE UMC RULES: OFFENCES & PUNISHMENT**

UMC Rules: Offences & Punishment as proposed by Controller of Examinations, MRSPTU, Bathinda vide Ref. No. CoE/MRSPTU/4988 dated 11.03.2019 is placed at (ANNEXURE-XXXII: Pages 1018-1023).

**The Item is placed before the Standing Committee of Academic Council for approval please.**

**ITEM NO. 03.28: TO APPROVE THE UNIFORMITY IN THE CONTACT HOURS FOR SAME CREDIT COURSES**

It has been observed that there is variation in the contact hours/duration for same credit courses submitted by various BOS. To maintain the uniformity, it is proposed that same contact hours be assigned to courses with same credit (1 credit = 15 hour/semester).

**The Item is placed before the Standing Committee of Academic Council for discussion and approval please.**

**ITEM NO. 03.29: TO INSTITUTE AWARDS FOR MOOCS, SWAYAM, NPTEL ACHIEVERS.**

1. Whereas, there is a provision to grant scholarship under section 4.(g) of the MRSPTU University ACT, 2014.

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2. Whereas, requirement of Govt. of India through its regulatory bodies UGC/AICTE is promoting usage of online study materials as available on various platforms of MOOCS, SWAYAM, NPTEL etc. to motivate and encourage better participation of students for quality technical education, it is proposed to start following prizes for meritorious students passing examinations through such platforms (**ANNEXURE-XXXIII: Pages 1024-1025**)

| <b>Score</b> | <b>Type of Certificate</b> | <b>Prize</b> |
|--------------|----------------------------|--------------|
| >=90         | Elite + Gold               | Rs. 10,000/- |
| 75-89        | Elite + Silver             | Rs. 7,500/-  |
| >=60         | Elite                      | Rs. 5,000/-  |

3. This scholarship shall be applicable from January, 2019 onwards.  
4. The scheme shall be reviewed after 3 year.

**The Item is placed before the Standing Committee of Academic Council for deliberation and approval please.**

**ITEM NO. 03.30: TO APPROVE THE START OF NEW PROGRAMME IN PUNJAB STATE AERONAUTICAL ENGG. COLLEGE, PATIALA W.E.F. ACADMIC SESSION 2019-20 ONWARD.**

The proposal regarding start of new courses with sanctioned intake as received from PSAEC, Patiala is placed at (**ANNEXURE-XXXIV: Pages 1026-1028**).

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| <b>S.<br/>N.</b> | <b>College<br/>Name/<br/>Deptt.</b> | <b>Course Name</b>   | <b>Duration<br/>of<br/>Program<br/>me</b> | <b>Proposed<br/>Intake</b> |
|------------------|-------------------------------------|--|---|----------------------------|
| 1.               | PSAEC,<br>Patiala                   | Bachelor of Technology<br>(Avionics Engg.)                               | 4 Yrs.                                    | 30                         |
| 2.               | PSAEC,<br>Patiala                   | Bachelor of Management<br>Studies (Airlines, Tourism<br>and Hospitality) | 3 Yrs.                                    | 30                         |

**The Item is placed before the Standing Committee of Academic Council  
for deliberation and approval please.**