ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University

DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

ਡੀਨ (ਅਕਾਦਮਿਕ ਮਾਮਲੇ)   **DEAN (Academic Affairs)**

Ref. No.: DAA/NOTIFICATIONS/2020/72 /778   Date: 04.03.2020

NOTIFICATION

MRSPTU REGULATIONS FOR BTECH WITH HONORS - 2020

Whereas, Maharaja Ranjit Singh Punjab Technical University, Bathinda established as a State University by the State Government of Punjab vide Punjab State Legislature Act No 5 of 2015 u/s 2(f) and also approved u/s 12B of the UGC Act, 1956 is empowered to introduce an optional add-on BTech Honors for Undergraduate Degree in Engineering.

And further whereas, the proposal/ resolution to start an optional BTech Honors concurrently with UG Degree in Engineering program is in line with the provisions made in AICTE Model Curriculum 2018 for UG degree courses in Engineering & Technology: Chapter-1, point B, and the same was approved in the meeting of MRSPTU Standing Committee of Academic Council held on 24.05.2019 vide MoM item No 3.23.

And further whereas, said proposal to start BTech Honors was subsequently approved by the Board of Governors of MRSPTU in its 9th meeting held on 10.12.2019 vide item No 9.10 (point 12) with Principal Secretary to Government of Punjab, Department of Technical Education & Industrial Training in the chair.

Now therefore, in exercise of the powers conferred on it, Maharaja Ranjit Singh Punjab Technical University Bathinda makes the following regulations; namely:

1.0   SHORT TITLE, APPLICATION AND COMMENCEMENT:

1.1   Short Title:

These regulations may be called the "MRSPTU Regulations for BTech with Honors - 2020"

1.2   Category of Institutions to whom the Regulations Apply:

These shall apply to MRSPTU Main Campus, its Constituent & Affiliated Colleges hereafter called as 'Academic Institutions'. In these academic institutions, concurrent BTech with Honors in Engineering program shall be offered in running AICTE approved UG Engineering streams only.

1.3   Date of Effect:

These regulations shall be applicable to those eligible BTech aspirant students, who are admitted w.e.f. 2018 batch onwards and comes into force from the date of this notification.

2.0 INTRODUCTION, OBJECTIVES AND ADMISSION CRITERION:

2.1 Introduction:

The UG Engineering students enrolled in any Engineering Discipline in Academic Institutions can choose concurrent additional BTech with Honors option, in the undertaken UG Engineering degree program. Obtaining this Honors typically involves taking a fixed number of approved additional courses within normal period of BTech Program. Honors certification shall be applicable only after completing the requirements of undertaken UG Engineering discipline. BTech with Honors is not an independent or a mandatory program but an add on optional program.

2.2 Program objectives:

The objective of commencing the additional BTech with Honors certification is:
a) To enhance competitiveness of engineering graduates in specialized/ thrust domains
b) To enhance knowledge of engineering graduates, to facilitate more focused research
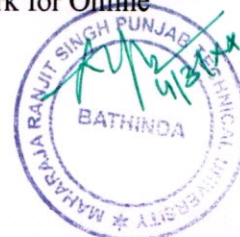c) To acknowledge /promote the higher learning capability/ challenges among students

2.3 Admission Criterion:

a) Offer to BTech with Honors is applicable to those students only, who at the time of admission possesses all subjects cleared in first attempt only.

b) After submitting a formal request in the prescribed format, eligible students can opt for BTech with Honors concurrently from 5th semester onwards.

3.0 STRUCTURE, MONITORING AND DURATION:

3.1 Structure:

a) Student eligible for basic BTech with Honors is required to complete additional 20-credits concentration courses (as approved by the concerned BoS for the purpose for BTech study scheme) comprising of minimum of five prescribed courses approved by respective BoS. These courses may include lab components also.

b) In addition to it, a student to be eligible for award of BTech with Honors must have cleared all his courses including concentration courses during the entire BTech program in first attempt. Furthermore, a student needs to earn minimum CGPA of 7.5 in the undertaken BTech program.

c) To enable students to upgrade their knowledge and skills through MOOCs, credits for minimum two courses out of these five courses are allowed to be earned through ongoing MOOCS courses offered on SWAYAM (as per AICTE Model Curriculum-2018 or as modified by it from time to time), after they are approved by the concerned BoS, in anticipation to its approval by the Faculty of Engineering/Academic Council. BoS shall select/ include the course title, subject code and its credits at the time of allocating a MOOCs course out of the dynamic basket of MOOCs courses. These SWAYAM courses are permitted for credit transfer as per applicable UGC (Credit Framework for Online

Learning Courses through SWAYAM) Regulations 2016 or as modified/ updated by it from time to time.

d) A student shall be allowed to register for maximum 2-subjects per semester (distributed over 4-semesters from 5th to 8th) for the approved concentration courses.

3.2 Progress Monitoring Mechanism:

Students enrolled in the offered BTech with Honors in the prescribed courses will be monitored through already adopted continuous evaluation system comprising of various Mid Semester Tests, Seminars, Quizzes, Viva-voce etc., as applicable. Classroom attendance requirements shall be the same as that of UG Engineering degree program in which they are admitted. BTech with Honors shall be at par with the prevailing academic practices and examination standards and shall be governed by the prevailing academic rules and regulations of MRSPTU or as updated from time to time.

3.3 Program Duration:

Duration of completion of BTech with Honors shall be up to the Regular 8th semester exam result of the undertaken UG Engineering degree in which they were admitted, failing which the student shall not be awarded any credit/s for Honors in Engineering.

4.0 PROCEDURE:

4.1 Allocation of Students & Courses:

a) The concerned department will compile and announce the list of eligible and aspirant applicants for BTech with Honors and shall communicate the same to all concerned including time-table committee and academic section at-least 15-days before start of each session.

b) At the start of semester, the concerned department will also announce the list of prescribed concentration courses for the BTech with Honors, duly approved by respective BoS.

c) Applicant students shall then apply for registration of these courses with due approval from the department. The whole process shall be completed at least 10-days before the start of every session.

4.2 BTech with Honors in Engineering Course Registration:

Students shall be separately registered for concentration courses leading to BTech with Honors by paying additional fee as applicable from time to time.

5.0 FEES & EXAMINATION CHARGES:

The additional course fee for concentration courses leading to BTech with Honors will be @ Rs. 2,000/- per theory subject and @ Rs. 1,000/- per laboratory subject per semester. Course fee for MOOCS/ SWAYAM course shall be paid by the student as per NPTEL norms as applicable. Examination charges will be additional as per the MRSPTU norms as applicable from time to time.

6.0   BTECH WITH HONORS NOTIFICATIONS:

Since BTech with Honors is an add-on program and not an independent program, so the notification of its successful completion shall be done on or after the successful completion of all requirements of the undertaken UG Engg degree discipline in which the candidate was admitted. A single DMC based on Overall Grade Point Average for additional concentration courses shall be issued at the end. To be eligible for the award of BTech with Honors degree, a student must obtain minimum overall GPA as 6.0 in first attempt in these additional concentration courses. Degree shall be awarded with the mention of BTech (Admitted branch of Engg) with Honors for example BTech (Mech Engg) with Honors.

7.0   AUTHORITY TO ISSUE CLARIFICATIONS, IF ANY:

The Academic Council of the MRSPTU shall be the sole competent authority to issue clarification in case of any ambiguity or any amendment/modification in all other conditions mentioned in this notification pertaining to MRSPTU Regulations for the BTech with Honors - 2020.

This notification is issued with the approval of the competent authority.

DEAN (Academic Affairs)
(Dr Savina Bansal)

Endst. No. MRSPTU/DAA/Notifications/   Dated:

Copy forwarded to: (for information, necessary action, circulation and records, as applicable)

1. PSTE *cum* Chairman Board of Governors of MRSPTU Bathinda; o/o PSTE Chandigarh
2. Vice-Chancellor *cum* Chairman Academic Council of MRSPTU Bathinda
3. Registrar *cum* Member Secretary BoG of MRSPTU Bathinda
4. Dean Faculty of Engineering of MRSPTU Bathinda
5. All Deans/Directors and Controller of Examinations of MRSPTU Bathinda
6. Directors/Principals of all MRSPTU Acad Institutions (Univ Campus/Constituent/Affiliated)
7. Director ITES (for putting it up on the MRSPTU Website)

DEAN (Academic Affairs)