



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/MRSPTU/2020/NOTIFICATION/71/408

Date: 29-01-2020

**NOTIFICATION**

**MRSPTU REGULATIONS FOR MINOR ENGINEERING WITH UNDERGRADUATE  
DEGREE IN ENGINEERING - 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 concurrent Minor Engineering with Undergraduate Degree in Engineering.

**And further whereas**, the proposal/ resolution to start an optional additional Minor Engineering concurrently with UG Degree in Engineering program is in line with provision 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 was subsequently approved by the Board of Governors of MRSPTU in its 9<sup>th</sup> 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 Minor Engineering with Undergraduate Degree in Engineering - 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 add-on Minor Engineering program shall be offered in running AICTE UG Engineering streams only.

**1.3 Date of Effect:**

These regulations shall be effective from UG Engineering students admitted in the BTech programme w.e.f. session 2019-2020 and through BTech LEET from session 2020-2021.





## 2.0 INTRODUCTION, OBJECTIVES AND ADMISSION CRITERION:

### 2.1 Introduction:

The UG Engineering students enrolled in any Engineering Discipline in Academic Institutions can choose one concurrent additional add on, Minor Engineering option, out of other UG Engineering degree programs running in that institution. Obtaining this Minor Engineering typically involves taking a fixed number of approved additional courses within normal period of BTech program. Minor Engineering transcripts shall be applicable only after completing the requirements of UG Engineering discipline in which they were admitted for their BTech. Minor Engineering is not an independent program but an optional add-on course.

### 2.2 Program objectives:

The objective of commencing the additional Minor Engineering certification is:

- a) To enhance competitiveness/ adaptation of engineering graduates in multiple domain
- b) To make engineering graduates more employable in multiple domains/organizations
- c) To diversify knowledge of undergraduates to facilitate inter-disciplinary academic interactions for more inclusive research catering to inter-related issues/ solutions

### 2.3 Admission Criterion:

- a) Offer to candidates seeking admissions to Minor Engineering shall be restricted to 25% (to the next nearest whole number) of the sanctioned strength of the UG Engineering discipline in which they were admitted and shall be allocated in proportion of their strength to BTech & BTech LEET in a particular department/discipline per batch.
- b) Offer is applicable to those students only, who have all clear (no pending reappears or detentions) till last notified result, as on the date of admission to Minor Engineering
- c) After submitting a formal request in the prescribed format, eligible students can opt for Minor Engineering concurrently from 3<sup>rd</sup> semester onwards. Admission in 3<sup>rd</sup> semester to prescribed limited seats shall be based on First Semester result marks for BTech and on average of all semesters of the Diploma result in case of LEET students
- d) Eligible students can seek admission to the vacant seats, if any, in Minor Engineering in later semesters too, but not later than start of 6<sup>th</sup> semester with the condition that all the requirements of Minor Engineering are to be completed within the prescribed duration.

## 3.0 STRUCTURE, MONITORING AND DURATION:

### 3.1 Structure:

- a) Eligible interested students can only opt for a single additional Minor Engineering in his/her entire tenure of UG Engineering degree. A student can withdraw his/her option of Minor Engineering at any time during the duration of the program and once withdrawn, the option cannot be exercised again.
- b) Eligible student is required to complete an additional 20-credits comprising of minimum of five prescribed courses, to get additional Minor Engineering. Out of the five courses (Core + department Elective); student must choose minimum of 02-Core courses and rest may be chosen from Elective courses.





- c) The list of the subjects for Minor Engineering shall be offered from the list of running majors in the concerned UG Engineering disciplines only. BoS of concerned branch shall provide a comprehensive list of Core and Departmental Electives considering the AICTE model curriculum guidelines as available from time to time.
- d) Credits for minimum one course out of the five courses are to be earned through MOOCS/ SWAYAM (as per AICTE Model Curriculum-2018 or modified by it from time to time) offered subjects, after they are approved by the concerned BoS, in anticipation to its approval by the Faculty of Engineering (FoE)/Academic Council (AC). The policy of UGC/ AICTE shall be applicable for these credit transfer.
- e) A student shall be allowed to register for maximum 2-subjects per semester pertaining to Minor Engineering by paying additional fee as specified by MRSPTU from time to time.
- f) Change of subject/s within the respective category of subjects is allowed, but only in the beginning of semester.

### 3.2 **Progress Monitoring Mechanism:**

The students enrolled in the offered Minor Engineering courses will be monitored through already adopted continuous evaluation system comprising of various Mid Semester Tests, Seminars, Quizzes, Viva-voce etc., as applicable. The classroom attendance requirements shall be the same as that of UG Engineering degree program in which they are admitted. Minor Engineering 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 modified/ updated from time to time.

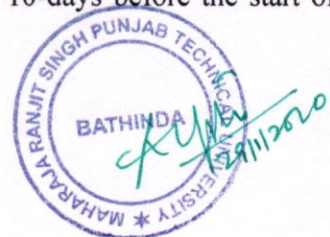
### 3.3 **Program Duration:**

Duration of completion of add-on Minor engineering course shall be up to the Regular 8<sup>th</sup> semester exam result of the UG Engineering degree in which they were admitted, failing which the student shall not be awarded any credit/s for Minor Engineering.

## 4.0 **PROCEDURE:**

### 4.1 **Allocation of Seats & Courses:**

- a) The academic institution shall announce the vacant seats for Minor Engineering in the concerned departments for a batch well in advance before the start of the semester.
- b) The concerned department will compile and announce the list of successful eligible applicants (within the approved/ available strength only) for Minor Engineering and shall communicate the same to all concerned including time-table committee accordingly, at-least 15-days before start of each session.
- c) The concerned department will also announce the list of prescribed courses for the Minor Engineering. The interested students from other disciplines can also choose courses from the list of the offered Minor Engineering courses within the structure of the Minor Engineering Program.
- d) The applicant students shall then apply for courses with due approval from its parent department. The whole process shall be completed at least 10-days before the start of every session.





**4.2 Minor Engineering Course Registration:**

Students shall be separately registered for the Minor Engineering courses in the concerned departments by paying additional fees, as applicable, from time to time.

**5.0 FEES & EXAMINATION CHARGES:**

The additional course fee for the add-on Minor Engineering will be @ Rs. 4,000/- per theory subject and @ Rs. 2,000/- per laboratory subject per semester. Course fee for MOOCS/ SWAYAM course shall be paid by the student as per NPTEL norms as applicable. The examination charges will be additional as per the MRSPTU norms as applicable from time to time.

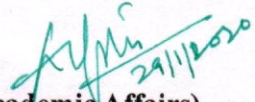
**6.0 MINOR ENGINEERING NOTIFICATIONS:**

- a) Since Minor Engineering 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 UG Engineering degree discipline in which the candidate was admitted for BTech.
- b) Separate independent notification of only Minor Engineering shall not be done.

**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 add-on Minor Engineering with Under-Graduate degree in Engineering – 2020.

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

  
**DEAN (Academic Affairs)**  
(Dr Savina Bansal)

Copy forwarded to office of following for information, further necessary action, circulation and records, as applicable:

1. PSTE *cum* Chairman Board of Governors of MRSPTU Bathinda
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 of MRSPTU Bathinda, COE-MRSPTU
6. Directors/Principals of all MRSPTU Acad Institutions (Univ Campus/Constituent/Affiliated)
7. Director ITES/Webmaster to put on the MRSPTU Website



  
**DEAN (Academic Affairs)**