

ACADEMIC REGULATIONS 2021

CERTIFICATION IN MINOR

Regulations 2021

Certification in Minor

Preamble:

A **Minor** is an **add-on certification** awarded by SRMIST independent of the degree that a student is pursuing in SRMIST in a Major Engineering Domain. It is an option rather than a requirement for B. Tech students. The Minor may be either in an Engineering or Non-engineering discipline. However, students are permitted to choose only one Minor either from engineering or Non-engineering discipline.

NOTE: The document and its sub-sections / clauses provide a basic framework, rules and regulations exclusively for the Certification in Minor and must NOT be taken together with the rules and regulations for the regular B.Tech / Integrated M.Tech degree programme In other words they are independent and mutually exclusive.

R. 1 Objectives

The primary objectives for providing the opportunity to pursue a Minor are for students:

- (i) who took a Major out of necessity but would still like to pursue their passion in another discipline or
- (ii) to enrich/equip them for a specific profession where greater job opportunities exist.
- (iii) to earn standing credits for pursuing a Master's degree abroad or within India too.

R. 2 Registering and selection for a Certification in Minor

A student can register for a Certification in Minor, that are offered by various departments, any time after 2nd Semester of his / her B.Tech / Integrated M.Tech degree programme. The process of registration for a Certification in Minor is elaborated in **R.4**

The offering Department scrutinises the credentials of registered students and announces the list of selected students who fulfil the minimum eligibility criteria set forth by the university (refer R. 18.3) and meet certain pre-requisites.

The decision of the Department offering the Minor will be final and binding.

R. 3 Eligibility Criteria

A student will be permitted to pursue/register for, a Minor, if and only if, he / she fulfils the following criteria:

- (i) Must have secured a minimum of 7 CGPA at the time of admission to a Minor
- (ii) There must NOT be any standing arrears / backlogs
- (iii) Must be in the active rolls of the department without any break of study or detention or disciplinary action pending against the student
- (iv) Must have NO outstanding fee dues
- (v) Must not have opted for or pursuing Honours degree.

R.4 Registration and enrolment for courses

- The process of signing-up for courses is called 'Registration'. The selected students are enrolled after they pay the prescribed registration fee and course fee.
- A student can choose a Minor offered by any department other than the student's Majoring department. For instance, a Computer Science and Engineering student can do a minor in Electronics and Communication Engineering or Electrical and Electronics Engineering or Mechanical Engineering or Finance or Economics and so on but NOT a Minor in Computer Science and Engineering.

- For a student to attend classes he/she must necessarily complete both registration and enrolment. All students shall formally enrol for the courses in a particular semester to undergo their learning course work.

R 5 Course Enrolment Requirements:

- (a) Registration and Enrolment for the courses proposed to be studied during a particular semester, as per the curriculum for the Minor, is mandatory.
- (b) Registration for any course will be permitted only after the 2nd semester of B.Tech /Integrated M.Tech / B.Des / B.Arch and will be controlled by the respective Head of Department.
- (c) The registration sheet contains the course code, course title, number of credits earned till date, number of credits opted for the current semester, and the remaining number of credits to earn for the award of the certificate. The student will make the choice of courses in consultation with his/her Faculty Advisor.
- (d) The student registers for courses as stipulated in the curriculum and regulations.
- (e) The student is permitted to enrol for a maximum of 4 courses per summer semester.

R.6 Basic structure of a Minor

A Minor will consist of maximum of 4 Foundation courses and 3 Elective courses (offered through blended mode), that provides the requisite foundation / fundamentals in the field of the chosen Minor. The credits for each of the foundation course and elective course must be distributed suitably so that the total of 18 to 20 credits are attained to award the Minor.

- The curriculum shall NOT be structured semester-wise; it's a open pathway providing the required flexibility for the student to choose.
- Courses shall be bucketized as **Preparatory courses, Foundation courses, Elective courses.**
- **Preparatory courses** are the one which provides adequate knowledge to the student to prepare them to take up the minor. There is no need to include the preparatory courses in the enrolment form and hence it carries no fee and end-semester examination. It's a course entirely personalized / customised (by the course faculty), for an individual student, depending on his / her prior knowledge of the minor domain. It means that not all students enrolled in a specific minor programme must take up a preparatory course. It's left to the faculty who conceptualized and introduced the Minor, to assess the competency of the student using any mode of assessment. These courses are not counted for the credits towards the award of the Minor and need not be included in the grade sheet too.
- **Foundation Courses** are courses that lay the foundation for subsequent courses under the minor. These are essential/ mandatory for pursuing the minor program, without which the student will not be deemed to have acquired the right depth of knowledge.
- **Elective Courses** are optional courses which the student can choose from a list of courses.
- Course code must follow the format 21MxxyyyP, 21MxxyyyF, 21MxxyyyE, where M indicates Minor, P indicates Preparatory course, F indicates Foundation course, E indicates Elective, xx indicates the offering department code, yyy indicates the course code.

YY 2 digits	1 digit	DD 2 digits	SS 3 digits	C 1 digit	A 1 digit
Year of Regulation	Type of programme	Course Offering Department	Serial No. of the Course	Type of Course	Additional Qualifier
2021 Regulations	M - Minor	LE – English PY – Physics CY – Chemistry MA – Mathematics MB – Management Sciences PD – Career Development Centre AS – Aerospace Engineering AU – Automobile Engineering BM – Biomedical Engineering BT – Biotechnology CH – Chemical Engineering CE – Civil Engineering CS – Computer Science & Eng., EE – Electrical & Electronics Eng., EI – Electronics and Instrumentation EC – Electronics & Communication Eng. FE – Food Process Engineering GE – Genetic Engineering ME – Mechanical Engineering MH – Mechatronics Engineering NT – Nanotechnology SH – Faculty of Science & Humanities MS – Faculty Medical & Health Sciences LA – Faculty of Law AG – Faculty of Agriculture DE – Directorate of Entrepreneurship & innovation	001 002 etc.,	P – Preparatory Course F – Foundation Course E – Elective Course	As a superscript: 1 – Fully Internal (Project Based), 2 – Open Book, 3 – Online/ blended mode of delivery

- A student can choose to enrol for a maximum of FOUR courses, out of the required number of courses for the award of the Minor, through Online / blended mode. Courses suitable for Online / blended Delivery must be explicitly identified by the offering department, by postfixing the symbol “3”(superscript 3) to the course code, which cannot be changed once assigned. End-Semester examination shall be in physical mode (in-Person) only, even if the course was offered in online or blended mode.
- It is not mandatory that all students of a specific Minor, must enrol for the same number of courses, during any summer semester. Flexibility for slow learners and fast learners will be provided. Nevertheless, no student will be permitted to enrol for more than 4 courses in any summer semester.

R. 7 Minimum and Maximum duration of the certification:

- All requirements for the Minor must be completed within the immediate summer semester following the completion of 8th semester from the date of admission, including any break in study. Beyond that the university will not award the Minor certificate.
- No backlog or detention in Major or Minor is permitted during the entire course of study.

R. 8 Dropping of a Minor:

If a student drops from a **Minor** or is not able to fulfil the requirements within the maximum period mentioned in R7, the student will NOT receive a Certification in Minor. Nevertheless, the transcript for the completed courses will be issued.

R. 9 Attendance:

A student must maintain an attendance record of at least 75% in individual courses, Without the minimum attendance of 75%, in any course, students will become ineligible to appear for the end semester examination in that course. His / Her registration for that course will be treated as cancelled, and he/she shall be awarded 'I' grade (I stands for Incomplete, or registration cancelled for want of minimum attendance) in that course. The student can re-register for the course in which he/she was detained.

R. 10 Assessment and Examinations:

The student's performance in each course, in general, is evaluated based on in-semester continuous assessment (internal assessment) and end-semester examination.

An in-semester continuous assessment (also known as internal assessment / comprehensive assessment) is spread through the duration of course and is done by the teacher teaching the course. The assessment components and the mark distribution is on par with the regular Major programme that may include:

- (a) Written tests
- (b) MCQ based quizzes
- (c) Presentations
- (d) Projects
- (e) Field visits
- (f) Seminars
- (g) Group discussions/activities etc

The end-semester examination shall have assessment from the following perspective with respect to all courses:

1. Evaluation with respect to knowledge.
2. Evaluation with respect to Understanding.
3. Evaluation with respect to skill.
4. Evaluation with respect to Applications
5. Higher Order Thinking Skills

An exclusive mark sheet / grade sheet / transcript, as applicable, will be issued to the student upon successful completion of the courses registered. The marks / grades etc will NOT be displayed in the grade sheet / transcript of the Major degree programme.

R. 11 Minimum passing requirement and grading

The minimum marks required to secure a PASS grade in a course offered as part of Certification in Minor is 50% in both Internal Assessment and End-Semester Examination taken together. The grading pattern will be on similar lines of a regular B.Tech / Integrated M.Tech / B.Des / B.Arch but there will NOT be any classification like Pass in First class with Distinction, First class, Second class etc.

R. 12 Academic Dishonesty

When a student is found responsible for a violation of the SRMIST code of conduct pertaining to academic dishonesty (Malpractice in Examinations), the Office of Controller of Examinations will initiate action based on the pre-approved procedures.

Appropriate penalty or punishment will be awarded to the student and communication sent to the concerned Head of the Department. The matter will be informed to the students' parents duly.

R. 13 Award of Certification in Minor

The student must earn a minimum of 18 – 20 credits depending on the requirements for the specific Minor that the student has registered, to receive a certification in **Minor**. The certification is a standalone one exclusive of the Major degree Certificate.

The Certification for Minor will NOT be issued until the Major degree is successfully completed as per **R. 20.0. of the B.Tech** even though all requirements for the Minor have been satisfied.

Section	Details
Preamble	<ul style="list-style-type: none"> - Minor is an optional add-on certification for B.Tech students. - Can be pursued in engineering or non-engineering disciplines. - Independent of the major degree.
Objectives	<ul style="list-style-type: none"> - Allows students to pursue passions outside their major. - Prepares for specific professions with greater job opportunities. - Helps in earning credits for advanced studies.
Eligibility Criteria	<ul style="list-style-type: none"> - Minimum 7 CGPA. - No arrears or disciplinary issues. - Must not be pursuing an Honours degree. - Active enrolment and no outstanding dues.
Registration	<ul style="list-style-type: none"> - Students can register after their 2nd semester. - Choose minors outside their major discipline. - Enrolment requires payment of registration and course fees.
Structure of a Minor	<ul style="list-style-type: none"> - Includes 4 Foundation and 3 Elective courses. - Credits required: 18-20. - Courses categorized as Preparatory, Foundation, and Elective. - Flexible pathway without semester-wise structuring.
Duration	<ul style="list-style-type: none"> - Must complete within the summer semester following the 8th semester. - Maximum flexibility for fast/slow learners. - Detention leads to dropping from the Minor.
Attendance	<ul style="list-style-type: none"> - Minimum 75% attendance required per course. - Less than 75% results in 'Incomplete' grade. - Cannot re-register for detained courses; must exit the program.
Assessment	<ul style="list-style-type: none"> - Continuous internal assessment and end-semester exams. - Evaluation includes knowledge, understanding, skills, and applications. - Standalone transcript issued for Minor achievements.
Passing Criteria	<ul style="list-style-type: none"> - Minimum 50% marks required (internal + final exams). - Grading similar to major courses but without distinctions (e.g., First Class).
Certification Award	<ul style="list-style-type: none"> - Requires completion of 18-20 credits. - Certification is independent of the major degree. - Only issued after successful completion of the major degree.