

## Guidelines/Rules/Regulations for Minor Certification in.....Engineering

**A Minor certification in.....Engineering for the students of department other than the parent department during the regular 4-year B.Tech. program available (as per AICTE model curriculum)**

### **A. Eligibility to register/apply:**

1. All students in any department other than their parent department (CS/IT will be considered as one department).
2. The regular students in TY will be eligible for a minor discipline.
3. There is no criterion on CPI.

### **B. Application process:**

1. The academic section will call for applications at the start of the odd semester of each academic year.
2. Eligible students aspiring for joining Minor in a particular discipline shall submit application in the prescribed form online/offline within the date specified in the notification.
3. Students will be informed about the courses to be registered in Minor programme in opted discipline after approval by respective departmental programme and evaluation committee.

### **C. Minor curricula**

1. The minimum credit requirements for a minor in an engineering discipline will be 20.
2. The minor courses will be spread over 5<sup>th</sup> to 8<sup>th</sup> semesters of a B. Tech. programme. Each semester shall have 1 or 2 courses of 2/3/4 credits.
3. The department will recommend a set of courses either from its curriculum or those available in NPTEL/SWAYAM/MOOC/VA Course.
4. The minor courses shall be categorized into two groups viz. A and B. Group A will have fundamental/core courses of 12 credits. Group B will have elective courses. The students shall choose the elective courses from the recommended list.
5. Each department shall define the curriculum as per the following table:

<b>Group A (Core Courses)</b>		<b>Credits 12</b>
Course and Code	Credits	Course Availability Regular Course/ NPTEL/ SWAYAM / New Course for minor program/ VA course
1.	2/3/4	
2.	2/3/4	
..	2/3/4	
N.	2/3/4	
<b>Group B (Elective Courses)</b>		<b>Credits 8</b>
Course and Code	Credits	Course Availability Regular Course / NPTEL/ SWAYAM / New Course for minor program/ VA courses
1.	2/3/4	
2.	2/3/4	
..	2/3/4	
M.	2/3/4	

6. All the courses in both groups A and B shall be of self-learning mode / supported by department.

- i. If a course from the curriculum of regular programme is recommended, then the attendance rules shall not be applicable for that course. However, the student shall appear for all the components of evaluation (ISE, MSE and ESE or LA1, LA2 ESE as applicable). For a Value added course, the evaluation shall be as proposed in a VA course.
- ii. The performance of such students shall be assessed by using absolute grading.

- iii. Student shall learn the course either through interaction with course teacher or by referring other learning resources like SWAYAM/MOOCs.
  - iv. If a course from NPTEL/SWAYAM is recommended, then the student shall register for that course in NPTEL/SWAYAM. The student shall appear for the examination of that course arranged by course coordinator (NPTEL/SWAYAM). The certificate with grade obtained shall be submitted by the student to academic office for consideration to compute CPI for minor certification. If NPTEL/SWAYAM grading does not match with College grading system, grades awarded by NPTEL/SWAYAM shall be suitably modified for computation of CPI.
  - v. Multiple attempts shall be allowed for a course through Re-examination for WCE courses/NPTEL courses. Multiple attempts for an NPTEL/SWAYAM/MOOC allowed for earning the credits.
6. The department should ensure that the students get the opportunity to earn stipulated credits under minor, in the stipulated semester, by offering the required courses. The financial feasibility is to be decided by the department and support to be obtained / created accordingly. The department should also keep track of the students enrolled in the minor of their department.
  7. The concerned DAC shall coordinate the related academic activities and keep records. The concerned DCoE will coordinate exam related activities and keep related records.

#### D. Other regulations

1. A student registered for Minor in a discipline should pass in all the prescribed courses and earn CPI > 5.0.
2. Course Fees:  
WCE course: Course fee Rs. 1500 + 300 (exam fee), per course (Regular or VA course).  
NPTEL/SWAYAM/MOOC with assessment by WCE: Course fee of 500/- + examination fee of Rs. 300/- per course  
NPTEL/SWAYAM/MOOC with assessment by NPTEL/SWAYAM/MOOC: No fee.
3. A student may withdraw from a Minor at any time by submitting an application to this effect with the approval of concerned Departmental Programme Academic and Evaluation Committee. Once a student opts out, he/she will not be allowed to rejoin the Minor programme.
4. A student with only minor courses remaining as backlogs after completion of the B. Tech. programme will be awarded a B.Tech without a minor. However, the grade card shall mention the completed minor courses.
5. Grading system of college shall be applicable for the minor courses which are registered from recommended courses in regular programme curriculum.
6. The grade and grade point earned by a student from courses in NPTEL/SWAYAM shall be used to compute CPI for minor.
7. CPI shall be computed after completion of the minor programme.
8. Rules on awarding class shall be same as followed for regular BTech programme.
9. A separate grade card shall be issued for the minor certification

HoD Civil

HoD Electronics

Controller of Examinations

HoD Mech

HoD CSE

HoD Electrical

HoD IT

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Date: 20<sup>th</sup> Sept 2022

Dean Academics



Director