

ACADEMIC FLEXIBILITY

IIT Kharagpur offers various academic flexibility in order to support the students in their future ventures. It gives additional flexibility for students to pursue their subjects of interest apart from their major degrees. Options such as acquiring a department change, accomplishing a minor degree or/and micro specialization, etc. helps the students to explore their field of interests.

CHANGE OF BRANCH

- Students admitted to B.Tech.(Hons.) / Dual Degree / Integrated M.Sc. Programs through JEE(Advanced) are eligible to be considered for a change of branch after the Second Semester.
- A B.Tech student can have a department change in B.Tech as well as dual degree courses whereas a dual degree student can change to only dual degree courses.
- One must have completed all the credits prescribed in the first two semesters of the course, on the first attempt, without having had to pass any course requirement in the re-examination, supplementary examination, and/or summer quarter.
- A GPA ≥ 8.5 at the end of the Second Semester is required excluding the following subjects- DIY Project, English For Communication, Science of living systems, Environmental Science, and EAA.
- Should not have been punished for any offense by the Standing Institute Disciplinary Committee or the Committee on Prevention of Examination Malpractices at any time before the notification for the change of branch.
- Change of branch is made based on the GPA excluding the mentioned subjects at the end of the Second Semester. Ties will be broken by the rank in JEE Advanced.

MICRO-CREDITS

- Micro-Credit courses are one-credit courses having a duration of 3-14 days offered during the semester or during the evening or free slots available during weekdays or even weekends that are not declared holidays in some special cases when students are available.
- The subject will be counted for total credit requirement for completion of the degree in special cases subject to the recommendation of the Head and Approval of Dean (UGS) with due reasons recorded.
- The subject and grade will be mentioned in the transcript/grade card and will be used to compute CGPA for additional subjects and will be shown as ACGPA.
- There will be no supplementary examination for such subjects. In case of failure in the micro-credit subject, the student should repeat the micro-credit subject if offered in the next semester, if not offered in the next semester, he/she is permitted to take an alternate micro-credit subject.
- Grade revision for Micro-Credit Courses is not permitted. However, in case the micro-credit is accepted as a subject contributing to the curricular requirement, it will be accounted for in the CGPA calculations.

MINOR IN A DISCIPLINE

- A department would offer a MINOR in a discipline in which it offers a major. The department would enlist a set of subjects from its curriculum and prescribe A requirement for minor taking six subjects or more (18-24 contact-hours plus 3-9 hours of laboratory) from this set.
- The subjects would be a combination of mostly core and some electives.
- Students should register for a minor at the beginning of the 5th semester.
- Only those students, who have a CGPA of 7.5 or above, without any backlog, will be permitted to register for a Minor.
- SGPA or CGPA in excess of 8.0 has to be maintained in the subsequent semesters without any backlog in order to keep the Minor active. If both The SGPA and CGPA fall below 8.0 at any point after registration; the Minor registration will cease to be active.
- Students must register and pass in all subjects that constitute the requirement for a minor and score a minimum grade point average of 6.00 to be awarded a minor. A student may cover these six subjects as either a depth subject, elective subject/a breadth subject / as additional credits. However, he/she has to take at least three subjects as additional credits to earn a minor.

ADDITIONAL CREDITS

- From the THIRD semester onwards (including 2yr MSc Students), a student can opt for Additional subjects apart from the regular curriculum.
- The students should have a CGPA equal to or greater than 7.5 without any backlog.
- Students would be allowed to take additional subjects within and/or outside one's discipline to earn additional credits of up to 33% of the requirement for a major.
- A student would be allowed to register in an additional subject only if the prerequisites are satisfied, there is no clash in the timetable, and class size permits.
- The grade obtained in an additional subject would be recorded in the grade card. The credit contribution of additional subjects to the computation of CGPA would be considered as nil.
- The GPA of the additional subjects is separately calculated and indicated in the grade card.
- It can be dropped following the proper procedure before the mid-semester examination. There is a supplementary examination for an additional subject.
- In case of failure in the additional subject, the student should repeat the additional subject in the next offered semester or take an alternate additional subject if the subject is not offered in the next semester. These additional subjects will not be counted for minor specialization.
- The students can register for Additional subjects with EAA as backlog.

INTERDISCIPLINARY DUAL DEGREE PROGRAMS

- Students admitted to the 4-year B. Tech. (Hons.) / 5-year Dual Degree Program through JEE (Advanced) are eligible for Switch Over to the Dual Degree Programs of Engineering Entrepreneurship/Financial Engineering/ Artificial Intelligence and Machine Learning/ Transdisciplinary Programme in Petroleum Engineering(for select departments) at the end of 2nd Year (4th semester)
- Such a program offers interdisciplinary exposure while the student pursues two degrees which are awarded in a consolidated time period. While the B.Tech is undertaken in one major discipline, the M.Tech can be undertaken in another discipline.
- This provides an academic opportunity for the students to gain competencies across disciplines and enables them to make career choices irrespective of their qualifying degree.
- Interdisciplinary subjects cover a wide range of highly relevant areas and use the unique diversity of academic units and research capability at IIT KGP.
- Such students must have completed all the prescribed course work up to the 4th Semesters in the first attempt with a minimum CGPA of 6.00.
- The placement record for Interdisciplinary Dual Degree students has been impressive over the years as the courses have proved to enhance their employability.