**How to read this table:** For a course, X denotes the semester when it is possible to take that course. Last row mentions the constraints associated with respective courses. The table shows the minimum requirement for the M.Tech program. Additional courses may be taken as per rule.

| Thursday     | CS 699         | CS 694 (4 credits | R&D Courses CS                                 | MTP Stage I                     | MTP Stage II                | Communicatio       | One Institute Elective all in all                      | 9 Departmental Flootives  |
|--------------|----------------|-------------------|--|---------------------------------|-----------------------------|--------------------|--|---|
| Three year   | (Software Lab) | Seminar)          | 691, CS 692 (each                              | CORE (50                        | CORE (40                    | n Skills (HS       | Mandatory (6 credits)                                  | o Departmental Electives  |
| Program      | CORE           | CORE              | one is counted as 6                            | credits)                        | credits)                    | 791+ HS 792)       |  |   |
|              |                | When can you      | credit departmental elective i.e. in           |                                 |                             | CORE 2+4=6 credits | When can you take it                                   |   |
|              |                | take it           | column I)                                      |                                 |                             | o. cano            |  |   |
| Distribution |                |                   |  |                                 |                             |                    |  |   |
| of 162       | 8              | 4                 |  | 50                              | 40                          | 6                  | 6  | 8X6 = 48  |
| CREDITS      |                |                   |  |                                 |                             |                    | -  | 5335 15   |
| Sem I        | Х              |                   | X  |                                 |                             |                    | X  | X   |
| December     | A              |                   |  |                                 |                             |                    | ^  | ^   |
| Sem II       |                | Х                 | Х  |                                 |                             | Х                  | Х  | Х   |
| Summer       |                | ^                 | ^  |                                 |                             | ^                  | ^  | ^   |
| Sem III      |                | Х                 | Х  |                                 |                             |                    | Х  | X   |
| December     |                | ^                 | ^  |                                 |                             |                    | ^  | ^   |
| December     |                |                   |  | X allocation by                 |                             |                    |  |   |
|              |                |                   |  | the end of sem                  |                             |                    |  |   |
| Sem IV       |                | ×                 | X  | II along with                   |                             |                    | X  | ×   |
|              |                |                   |  | allocation for<br>the next year |                             |                    |  |   |
|              |                |                   |  | batch                           |                             |                    |  |   |
| Summer       |                |                   |  | Х                               |                             |                    |  |   |
|              |                |                   |  | Х                               |                             |                    |  |   |
|              |                |                   |  | stage 0.5                       |                             |                    |  |   |
| Sem V        |                |                   |  | evaluation<br>(internal)        |                             |                    | X  | X   |
|              |                |                   |  | and                             |                             |                    |  |   |
|              |                |                   |  | stage I<br>evaluation           |                             |                    |  |   |
| December     |                |                   |  | evaluation                      | Х                           |                    |  |   |
| December     |                |                   |  |                                 | X stage 1.5                 |                    |  |   |
| Sem VI       |                |                   |  |                                 | evaluation                  |                    | X  | X   |
|              |                |                   |  |                                 | (internal)                  |                    |  |   |
|              |                |                   |  |                                 | Final mtp II                |                    |  |   |
| Summer       |                |                   |  |                                 | evaluation<br>within a      |                    |  |   |
|              |                |                   |  |                                 | specified                   |                    |  |   |
|              |                |                   |  |                                 | window                      |                    |  |   |
|              |                |                   |  |                                 |                             |                    |  |   |
| Constraints  |                | only once         | Two at most in two different semesters         | Guide from the department,      | Guide from the department,  |                    | Institute elective has to be a PG level course.        | must complete 5 CSXXX labled courses through sem I, sem II,       |
|              |                |                   | They must be from the                          | coguide can be                  | coguide can be from another |                    | Any course announced as an                             | and sem III. These 5 CSXXX can include at most one R&D            |
|              |                |                   | department (coguide                            | department                      | department                  |                    | institute elective qualifies as an                     | course.   |
|              |                |                   | from another department is                     |                                 |                             |                    | institute elective for the CSE department, provided:   | Among the 8 departmental  |
|              |                |                   | possible)                                      |                                 |                             |                    | It is not offered by                                   | elective courses, 5 have to be                                    |
|              |                |                   | In the beg of E CCVVV                          |                                 |                             |                    | CS/EE/Math/Stat, and also                              | from CSE, and the remaining 3                                     |
|              |                |                   | In the bag of 5 CSXXX electives in first year, |                                 |                             |                    | Course content does not overlap with CS/EE/Math/Stat   | can be from CSE + EE +<br>Math+Stat (or IEOR with                 |
|              |                |                   | you can count at most                          |                                 |                             |                    | areas.   | permission from faculty   |
|              |                |                   | one R&D course, even if you take two in the    |                                 |                             |                    | Any course not offered by CSE/EE/Math/Stat department, | advisor).   |
|              |                |                   | first year itself towards                      |                                 |                             |                    | subject to approval faculty                            | Students would not be allowed                                     |
|              |                |                   | your final count of 8.                         |                                 |                             |                    | advisor can also be considered                         | to register for more than 40                                      |
|              |                |                   |  |                                 |                             |                    | as institute elective)                                 | course credits in any semester (excluding MTP credits).           |
|              |                |                   |  |                                 |                             |                    |  |   |
|              |                |                   |  |                                 |                             |                    |  | Students cannot register for less than 18 credits in any of       |
|              |                |                   |  |                                 |                             |                    |  | the first two semesters. For                                      |
|              |                |                   |  |                                 |                             |                    |  | semesters III and IV, they must register for at least 6+12 or     |
|              |                |                   |  |                                 |                             |                    |  | 12+6 credits.   |
|              |                |                   |  |                                 |                             |                    |  |   |
|              |                |                   |  |                                 |                             |                    |  | A student is allowed to register for a maximum of two CSE UG      |
|              |                |                   |  |                                 |                             |                    |  | Courses for the entire  |
|              |                |                   |  |                                 |                             |                    |  | programme, limited to a   |
|              |                |                   |  |                                 |                             |                    |  | maximum of one course in each semester.                           |
|              |                |                   |  |                                 |                             |                    |  |   |
|              |                |                   |  |                                 |                             |                    |  | The CSE-department policy is that MTech students in CSE           |
|              |                |                   |  |                                 |                             |                    |  | cannot tag non-CSE non-PG   |
|              |                |                   |  |                                 |                             |                    |  | courses as electives (neither                                     |
|              |                |                   |  |                                 |                             |                    |  | institute electives nor departmental electives).                  |
|              |                |                   |  |                                 |                             |                    |  |   |
|              |                |                   |  |                                 |                             |                    |  | Recommended It is   |
|              |                |                   |  |                                 |                             |                    |  | recommended that students finish all 9 electives within first     |
|              |                |                   |  |                                 |                             |                    |  | two years and leave no courses                                    |
|              |                |                   |  |                                 |                             |                    |  | to third year. This will permit students to focus better on their |
|              |                |                   |  |                                 |                             |                    |  | MTech project in the last year                                    |
|              |                |                   |  |                                 |                             |                    |  | which has high number of  |
|              |                |                   |  |                                 |                             |                    |  | credits.  |
|              |                |                   |  |                                 |                             |                    |  |   |