Rules and Guidelines for the Industry-Sponsored M. Tech. Program in Advanced Energy Storage Technology

This program primarily adheres to the **rules and regulations of the regular M.Tech. ordinances at IIT Tirupati**, with the following **clarifications, modifications, and exceptions** specific to the industry-sponsored format.

1. Eligibility and Admission Process

a. The applicant must hold a four-year Bachelor's degree in engineering or science, or a Master's degree in a science discipline, with a minimum of 60% aggregate marks (or equivalent CGPA) in the qualifying degree. The applicant must have at least two years of industrial experience.

b. All applicants must be nominated and sponsored by their current employer. GATE qualification is not mandatory, as the program does not offer any stipend.

c. Eligible applicants will be shortlisted by the selection committee based on additional screening criteria, which may include a written test (if applicable) and a personal interview.

d. The sponsorship fee is ₹7 lakhs per student, which shall be paid by the sponsoring industry. This amount covers the entire duration of the programme, including all applicable Institute fees. The expenses related to the M.Tech. project, including consumables and contingencies, shall be borne separately by the sponsoring industry.

2. Program Structure

a. A student is normally expected to complete the M.Tech. program within four semesters (two years). In any case, the coursework must be completed within a maximum of five semesters, and the entire program, including project work, must be completed within eight semesters (four years) from the date of admission.

b. The program consists of a total of 60 credits, including 12 credits of core courses, 15 credits of electives, 4 credits of laboratory, and 29 credits for the project.

c. Of the 15 elective credits, students may complete up to 6 credits through approved MOOC courses, with prior consultation and approval from the program coordinators. MOOC credits will count towards the total credit requirement, but will not be considered in CGPA calculations.

3. Program Delivery and Governance

a. Theory classes will be conducted online through live (synchronous) sessions.

b. The program mandates a minimum on-campus residency of two weeks per semester, in Semester I and Semester II. Laboratory sessions will be conducted in person during the on-campus residency period.

c. Instructors should announce the grading policy at the start of each course. Evaluation will follow a continuous assessment model. Final exams will carry 40–60% weight in theory courses, and up to 25% in labs. Refer to the regular M.Tech. ordinances for details on letter grades.

d. Supplementary exams will be held only for the end-semester component, with continuous assessment marks carried forward. Each student may appear only once per course, a maximum of two courses per semester. Upon passing, the final grade will be one letter lower than the actual grade earned, except for an 'E' grade, which remains unchanged.

4. Program Completion and Exit Policies

a. The student should get a minimum CGPA of 5.0 for the award of the M. Tech. degree.

b. Students enrolled in the industry-sponsored M.Tech. program are not eligible for direct upgradation to the M.Tech.+Ph.D. program. Interested candidates must apply separately after completion of M. Tech. program, through the regular Ph.D. admission process, as per the institute's official notification.

c. If a student is unable to complete the M.Tech. program and chooses to exit, they may be considered for the award of a Postgraduate Diploma, provided they have earned a minimum of 25 non-project credits.