**MTech Project Guidelines for Web Enabled MTech Program**

**General Overview:**

Student can register for MTech Project after **completing 5 courses**. Student puts in a full year (around 1000 hours) of work into the project. Total **project credits is 85**. The project will be carried out in a phased manner.

* Phase 0 – Proposal Approval
* Phase 1 – Make Progress
* Phase 2 – Project Completion

**Phase 0 – Proposal Approval:**

Student submits a project proposal in a topic of his/her choice. While submitting the proposal, student chooses a mentor from his/her organisation, who will guide the execution of the project. Student must submit the proposal before the drop date of that trimester, failing which, the project registration for that trimester stands cancelled.Submitted proposal will be reviewed by one or more IITM faculty and their comments/questions will be sent back within 1 month. When the student makes appropriate modifications in the proposal and provides satisfactory answers to the concerns and questions raised, the project proposal gets approved.

**Phase 1 – Make Progress:**

Phase 1 part of the project carries **55 credits**. Student puts around 600 hours of work across two trimesters. At the end of two trimesters, Phase-1 progress is evaluated by an IITM faculty panel (comprising 2 or more faculty members). If progress is found satisfactory, student goes on to execute Phase 2**.** If progress is not satisfactory, student can take an additional trimester to show significant progress. Even after 3 trimesters, if the faculty panel is not satisfied with progress, the student is evaluated for 55 credits and the student is mandated to take more course work to make up for the 30 credits of Phase 2.

**Phase 2 – Project Completion:**

Phase 2 part of the project carries **30 credits**. Student puts around 400 hours of work across one or two trimesters. At the end of Phase 2, project will again be evaluated by an IITM faculty panel. Based on the quality and quantity of the work, project grade will be awarded by the panel.

**Additional Remarks:**

* Project work can overlap with the regular work of employee in his/her organisation.
* Project work will be guided only by the mentor in the student’s company/organization.
* IITM faculty participates in the review of proposal, evaluation of Phase-1 progress and awarding the final project grade on successful completion.
* IP can remain with the student’s company/organisation.
* Non-disclosure agreement has already been signed by IITM regarding the project work.

**Registration and Review Schedule:**

Student can register for Project on any trimester, after completing the course requirements. Phase 0 review (via email exchanges) will happen in the registered trimester. Phase-1/Phase-2 reviews by the IITM faculty panel will be done once every 4 months, in the months of **February, June** and **October.** Students can present their work via Skype and the student’s mentor is expected to be available during the presentation. Review dates will be announced well in advance. If the student is not available or ready for presentation on the review date, his/her review will get deferred by 4 months.

**Useful Links:**

* Project Proposal Submission Template:
* Sample Project Report (COMM):
* Sample Project Report (VLSI):