

MTEch RAS Project Guidelines and Evaluation

MTEch RAS students are expected to start working on their projects meticulously after the completion of their second semester. Typically, a student is asked to do some preparatory **project work** during the summer term (May-July) between their 1st and 2nd years of the MTEch program. The precise nature of the preparatory work is left to the discretion of the project guide, but often it consists of background reading, a literature survey, and initial problem formulation.

During the summer term, students can also choose to do an **internship** with the industry after taking permission from the project guide.

For grades to be entered on the SAP SLcM system, **MTEch students must register for the project course (CP 299) in the Jan semester of their second year.** Project courses are not open for registration in any other semester of the MTEch program.

Evaluation Procedure and Timelines

The project evaluations are performed in two stages:

1. Mid-year Evaluation:

The mid-year evaluation is done at the beginning of the 4th semester (typically between Jan 16-31) and involves assessing the work done in the summer term and the 3rd semester. For the mid-year evaluation, the students are required to:

- Submit a summer term report to their **project guides** by **August 10** summarizing the work done in the project or the internship. Students who are doing internships should provide contact details of their internship supervisors. The project guide is recommended to contact the internship supervisor to get brief feedback regarding the work done in the internship.
- Submit a mid-year report to the **evaluation committee** at least **one week before the evaluation date.** This report should detail the work done in the project until the Mid-Year evaluation.
- Present* their work to the evaluation committee.

The mid-year evaluation committee consists of the **project guide** and **two external examiners.**

2. Final Evaluation:

The final evaluation is done after the end of the 4th semester (typically between June 10-25) and involves an assessment of the complete work done in the project. For the final evaluation, the students are required to:

- Submit a detailed final report containing all the work done in the project to the evaluation committee at least one week before the evaluation date. If you have published/submitted any paper, make sure to include that work as a part of the report.
- Present* their work to the evaluation committee.

The final evaluation committee consists of the **project guide** and **two external examiners.**

*The presentation format can be found on next page.

Evaluation Scores and Weightages

The mid-year and final-stage evaluations are of 30% and 70% weightage, respectively. The mid-year and final-stage marks are combined to produce an overall project score in the manner described below:

- **Mid-year project score** = 100 marks. 60% weightage for the advisor, 20% weightage for the Examiner 1, and 30% weightage for Examiner 2
- **Final-stage project score** = 100 marks. 40% weightage for the advisor, 30% weightage for Examiner 1, and 30% weightage for Examiner 2
- **Overall project score** = $0.3 * \text{Mid-year project score} + 0.7 * \text{Final-stage project score}$

Evaluation Criteria

The examining committee will evaluate the project based on the quantum of work done, the quality of the written report, the project/poster presentation, and the student's responses to the examining committee's questions. Importantly, the committee will also consider whether the student has a publication (in good venues), patent, or working demo, along with their degree of involvement.

Guidelines for MTech Project Submissions for Batch 2022-24

Mid-year Evaluation:

The student needs to prepare following things for the mid-term evaluation.

1. *Mid-year Report:*

- **Format:** The report should be presented in the standard two-column IEEE conference paper format with a 10-point font.
- **Length:** The report must not exceed **5 pages**.
- **Template:** You can find the template [here](#)¹.

2. *Mid-year Presentation:*

- **Duration:** The presentation should be a maximum of 30 minutes, with 20 minutes for the presentation and 10 minutes for questions and answers.
- **Slide Limit:** The presentation should not exceed **20 slides**.
- **Template:** Students can use the template of their choice.

Final Evaluation:

For the final evaluation, students are expected to prepare the following:

1. *Final Report:*

- **Format:** The report should be presented in the standard two-column IEEE conference paper format with a 10-point font.
- **Length:** The report must not exceed **8 pages**.
- **Template:** You can find the template [here](#)¹.

2. *Final Presentation:*

- **Duration:** The presentation should be a maximum of 7 minutes, with 5 minutes for the presentation and 2 minutes for questions and answers.
- **Slide Limit:** The presentation should not exceed **6-7 slides**.
- **Template:** Students can use the template of their choice.

3. *Poster and Demo:*

- **Poster size:** A1 size
- **Template:** Students can use the template of their choice.
- **Demo:** students can showcase any hardware demos, videos, simulation results, or other relevant materials during the poster session.

¹Please click here to download [Latex Template](#) and [Microsoft Word Template](#)