

Mid-term review for IE 643 Course Project **(Please read carefully !)**

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1. Teams need to prepare a presentation for IE 643 project mid-term review.
2. The presentation can have max 20 slides (either powerpoint (or equivalent softwares) or pdf).
3. The presentation must be titled with the appropriate paper which is allotted to the team and it must be indicated that in the title that this work is done as part of IE 643 course project. The name of the team and Roll number of all team members should also be provided in the first slide.
4. The presentation must contain an Outline slide where a broad overview of the contents of the presentation need to be provided.
5. Then the main problem considered in the paper needs to be introduced, with a background of the problem, motivations for the problem (e.g. applications or theoretical contributions) and some details about at least two past works done on the problem (if the problem is new altogether, some past motivations can be provided). Overall this can span 4 to 5 slides.
6. Then the details of the problem considered in the paper need to be provided along with the solution approaches proposed. It would be useful to provide concise, crisp and concrete descriptions (figures, equations, and other illustrations need to be provided aptly) about the problem and methods considered. This can span about 4 to 5 slides.
7. The details of experiments in the paper can be described next. All details about the experiments related to the data sets, data pre-processing, computational framework considered, programming language considered, etc. should be listed. Details of competing methods should also be provided briefly. Importance of the results established in the paper need to be discussed. This can span 2 or 3 slides.
8. The status of work done by the team in replicating the results in the paper (e.g. details of initial experiment setup, status of experiments, results, etc.) should be provided. This can be presented in 2 to 3 of slides. The contributions of each team member towards the project should be listed carefully when discussing the work done by the team.
9. The team must provide at least one modification to the work done in the paper which the team will investigate for the final review. This can span around a couple of slides.
10. The presentation should contain a list of references (papers, websites, code repositories, etc.) consulted for the project.
11. The team must prepare a video recording of the presentation (all team members must participate in the recording) which can maximum of 15 minutes. For recording the presentation, the teams can use appropriate software. One possibility is to use Open Broadcaster Software (OBS). Please use <https://obsproject.com/wiki/install-instructions> to install OBS. Then you can use OBS and your presentation slides to create a recording (you can watch e.g. <https://www.youtube.com/watch?v=9AKhr8wrXvY> on how to prepare a recording of your presentation). Using a face cam during the presentation is preferable. Please make sure that your presentation is lively and is not boring.

12. The presentation and video created must be stored in a folder named **YourTeamName_IE643_CourseProject_MidtermReivew** in Google drive (please access google drive using your IITB email id and SSO). Then the folder should be shared and the link needs to be provided to the Instructor and TAs. A form to collect the link will be posted shortly. The last date for providing the links to the presentation and video is 4th November 2020 11 59 PM Indian Standard Time.

13. The Instructor and TAs will then go through the presentation and video and post comments and queries (if any) on MSTeams, to which the project team members need to provide appropriate answers to the queries.

14. For the evaluation of the mid-term project, the compliance of the presentation to the Instructions provided will be a major criterion, along with the understanding of the problem, the level of enthusiasm shown in working in the project (this can be gauged by the way of presentation, the initial experiments done, nature of modifications proposed etc.), the answers to the queries will be considered. Teams with significant initial results and strong understanding of the paper would be graded favorably against other teams.

15. Based on the comments provided by the Instructor and TAs, the teams must work on an extension or incremental modification of the paper for the final review. Instructions for final review will be posted later. The tentative date for final project review and presentation would be between November 16 and 20, 2020.