

## **Evaluation Criteria:**

1. Editing and style:
  - a. Evaluation criteria: unique editing of the thesis, use of relevant terminology, texting, the quality of graphs and figures are clear and obvious and subtitles are legible. To evaluate whether a graduand applies the common field-specific terminology and pictorial representation techniques. Whether the structure of the thesis is deliberate or not. Moreover, if the resolutions of the tasks stated on the thesis topic announcement form can easily be found. Whether understanding of the thesis is encouraged by its texting, structure and graphs.
  - b. Scoring: 0 – 20 (more point means better evaluation)
2. Quality and usefulness of literature:
  - a. Evaluation criteria: Novelty of the chosen literature, acceptance and quality of the chosen literature. Quality of the chosen literature: website, standard, corporate publication (catalogue, application note, white paper), scientific publication. The quality of literature introducing the chosen technology. Whether access exists to the specific reference or not (e.g.: the content of a referenced website is not available or has changed). At master level at least 30 scientific references must be introduced in the list of reference.
  - b. Scoring: 0 – 20 (more point means better evaluation)
3. Application Quality of Relevant Technology
  - a. Evaluation criteria: BSc: choosing the relevant technology, mentioning alternative technologies, describing the criteria of technology selection, choosing the right parameters of the selected technology in the light of the task. MSc: presenting alternative technologies, presenting the criteria and the process of selection. Whether the right validation logic was selected to the chosen technology.
  - b. Scoring: 0 – 20 (more point means better evaluation)
4. Assessing the results in usage of the selected technology
  - a. Evaluation criteria BSc: identifying the parameters of the selected technology and deciding the numeric value of the parameters. Checking the identified parameters with calculation and/or with simulation. MSc: assessing the selected logic and literature referring to the performance of the specific technology. Validation of the chosen technology (performance evaluation), assessing the results of measurements.
  - b. Scoring: 0 – 20 (more point means better evaluation)
5. Novelty of the chosen technology concerning the described engineering environment
  - a. Evaluation criteria: BSc: how novel the new technology is regarding similar technologies nowadays applied. Whether the graduand considered the feasibility of the new technology. MSc: In your opinion how novel the new technology is and how realistic the selected technological parameters are in the light of the task, Whether the life cycle and sustainability of the new technology was mentioned. Namely, how deeply the assigned tasks have been solved.
  - b. Scoring: 0 – 20 (more point means better evaluation)