

School of Energy and Chemical Engineering

Evaluation of Oral Q.E.

A. Basic knowledge of Research (30%)

- 1) Does the student fully understand the scientific background and relevant disciplines of the research area(s)?
- 2) In the specific research topic, does the student understand the importance of the work on the aspects of science and practical applications?
Does the student understand domestic and international trends of the topic, in the past, present and future?
Does the student follow and understand the efforts of major competitors?

B. Research goal and contents, ability to conduct research (40%)

- 1) Did the student properly establish and clearly suggest the objectives and scope of the research?
(Objectives and scope-based on proper hypotheses?; Scope- sufficient to achieve the goals?; Risk and/or limit of established goals/scope - manageable?)
- 2) Does the student fully understand the methodologies and skills essential to carry out the research work?
- 3) Does the main idea(s) of the proposal include student's own input and show his/her creativity, in addition to the ones from his/her advisor(s)?
- 4) Does the student have a strategic plan to efficiently conduct the research, such as collaboration and use of important resources, inside as well as outside the UNIST campus?

3. Presentation Skill (30%)

- 1) Is the presentation material well-prepared?
(Good at the preparation of presentation material?)
- 2) Does the student deliver the proposal logically and clearly?
(Presentation ability and skills in English?)
- 3) Does the student clearly understand and properly answer the questions raised by committee members?