

Engineering Dissertation Proposal Assessment

Program:

Scoring: 5 = excellent; 3 = adequate; 1 = unsatisfactory (or NA)	Score	Comments
Defining the problem Has the student stated the problem clearly, provided its motivation, and the requirements for a solution?	<input type="text"/>	<input type="text"/>
Analysis of previous and related work Has the student evaluated prior/current approaches and clearly described how they are lacking? Has the student's work been compared with previous/competing work?	<input type="text"/>	<input type="text"/>
Establishing success criteria Has the student adequately defined the measure(s) of success to be used to evaluate the work? Is there a well defined metric with a goal? Does the metric adequately represent the desired success criteria?	<input type="text"/>	<input type="text"/>
Approach Is the proposed approach well defined? Is there evidence of its appropriateness to the problem? Is the proposed work technically challenging? Will the student utilize appropriate professional standards?	<input type="text"/>	<input type="text"/>
Plan Does the research plan seem reasonable and well-thought out? Is the scope of the problem too broad or too narrow? Are the tasks well articulated and appropriate? Is the schedule reasonable?	<input type="text"/>	<input type="text"/>
Innovation and Risk To what extent is the work innovative? Has the student taken a risk in applying the chosen approach? How is the risk mitigated?	<input type="text"/>	<input type="text"/>
Broader implications Has the student considered the broader implications of the work? Broader implications may include social, economic, political, technical, ethical, business, etc. aspects.	<input type="text"/>	<input type="text"/>
Writing Quality	<input type="text"/>	<input type="text"/>
Presentation Quality	<input type="text"/>	<input type="text"/>
Ability to answer questions	<input type="text"/>	<input type="text"/>

Name of student:

Printed name of faculty member completing this form:

Signature of faculty member completing this form: _____