

### 3-minutes Power Electronics Converter Design Competition

#### Evaluation Rubric

<b>Research Background:</b>						
Knowledge is well synthesized contributing to original research that broadens the frontier of knowledge in the relevant field; through clearly defined.						
	0	1	2	3	4	5
• Problem statement / problem being investigated.						
• Supporting literature / justifications for the research.						
• Novelty / contribution of research.						
• Limitation / scope.						
Mark A :						/20
<b>Research Methodology:</b>						
Conduct research independently and adhere to legal, ethical and professional codes of practice demonstrated by						
	0	2	4	6	8	10
• Adhering to established procedures and processes (including ethics).						
• Giving justifications for choosing or rejecting research techniques, methods, procedures etc.						
• Selecting suitable techniques, methods etc. for achieving research objectives.						
Mark B :						/30
<b>Results and Discussion:</b>						
Adapt practical skills leading to innovative ideas in the relevant field demonstrated by:						
	0	2	4	6	8	10
• Data is analyzed using suitable techniques.						
• Interpretation of findings is in accordance with the research objectives.						
• Discussion of findings that is highly structured and critical, taking into accounts the findings from previous researchers.						
Mark C :						/30

<b>Conclusion and Recommendation:</b> Provide expert advice to society in the relevant field demonstrated by						
	0	1	2	3	4	5
• Providing conclusions that describe key findings of the research, linked / tied up to objectives of research.						
• Clear descriptions of the research contributions.						
• Recommendations on significant follow-up actions.						
Mark D :						/15
<b>Language and Writing Style:</b> Conduct research independently and adhere to legal, ethical and professional codes of practice demonstrated by:						
	0	1	2	3	4	5
• The use of good and consistent writing style.						
Mark E :						/5
Total (Mark A + Mark B + Mark C + Mark D + Mark E) :						/100