

IEEE UAE STUDENT DAY

**2018
April 28
University of Dubai**

Senior Design Project (SDP) Competition**Poster/Demo****GENERAL INFORMATION**

This competition is intended to give students in the Senior Year of their undergraduate study program the opportunity to demonstrate their graduation projects through a poster and/or an actual demo of the system.

COMPETITION RULES:

1. Undergraduate engineering students within the UAE are eligible to participate.
2. Each institution can submit a maximum of three projects for judging.
3. Display of an Roll-up poster describing the operation of the system and its salient features.
4. Each team will be given 15 minutes to demonstrate/explain all aspects of their system and answer the judges' questions.
5. Each team will be provided with a standard table and a place for the poster.

CRITERIA FOR JUDGING:

The judging criteria will include:

- Originality and Creativity of the Student's contribution
- Quality of technical content
- Project Results
- Attention to non-technical aspects of the design
- Professionalism in poster and oral presentation

Detailed evaluation form with guidelines is given on the next page.

No.	Evaluation Criteria	Weight	Grade
1	Originality and Creativity: The mark is based on how well the following questions are answered:		
	<ul style="list-style-type: none"> How much creativity is there in the design of the project? Is the design of the project original? 	<ul style="list-style-type: none"> Is the project useful? Did the team demonstrate engineering knowledge in solving design problems? 	/10
2	Technical Content & Final System: The mark is based on how well the following questions are answered:		
	<ul style="list-style-type: none"> Does the design meet the project requirements & specification? Is the implementation modular? Is the design safe and sound? 	<ul style="list-style-type: none"> Is the hardware and/or software fully implemented and/or simulated? Is the quality of the final system high/low (i.e. elegant/ robust imp. consistent with industrial standards)? Do the students demonstrate mastery of the domain? 	/40
3	Project Results: The mark is based on how well the following questions are answered:		
	<ul style="list-style-type: none"> Are the test cases clearly identified and test results clearly demonstrated? Are the results comprehensive, convincing and achieve the project objectives? 	<ul style="list-style-type: none"> Has the team compared the system performance with that of other systems? Are all faults/limitations clearly identified? 	/20
4	Non-technical Design Aspects: The mark is based on how well the following questions are answered:		
	<ul style="list-style-type: none"> Did the team consider the ethical, social, and environmental impact of the project? 	<ul style="list-style-type: none"> Did the team pay attention to human system interaction and product aesthetic related issues? 	/10
5	Oral Presentation: The mark is based on how well the following questions are answered:		
	<ul style="list-style-type: none"> Did the team cover all the relevant issues? Was the presentation clear and concise? Did the team show confidence in the subject matter? 	<ul style="list-style-type: none"> Did the team make the subject matter interesting? Did the team answer questions well? Did all team members participate in the various aspects of oral presentation? 	/10
6	Project Poster: The mark is based on how well the following questions are answered:		
	<ul style="list-style-type: none"> Does the poster size conform to the competition specifications? Does the poster cover all key aspects of the project? 	<ul style="list-style-type: none"> Is the poster informative and logically organized? Are the poster text, figures & tables clear and readable from a reasonable distance? 	/10
	Total*		/100

* Classification

90%-100%	Project is an outstanding piece of work. Presentation and poster are of professional standard.
80%-89%	Project is an excellent piece of work. Presentation and poster are excellent.
70%-79%	Project, presentation and poster are very good. All design aims are met.
60%-69%	Project, presentation and poster are good. Most design aims are met.
Less than 60%	Minimum core of design aims has been met. Presentation and poster are satisfactory.