“Designing for the Future” is an undergraduate design competition organized by the Design Education Technical Committee (DEC) of the ASME Design Engineering Division (DED). It is to recognize that our undergraduates are the future of the engineering profession, and highlights the importance of working together in our diverse world community and of appropriate stewardship of our resources as technology continues to move forward. The DEC believes that encouraging the undergraduates in design activities is critical to our mission of improving education in the art and the science of mechanical engineering design for students -- thus providing an incentive to continue in design and become the researchers, educators, and professional design practitioners of the future.

**Requirement:** The design work must have been done while an undergraduate in an ABET-accredited engineering program.

**Submission Format:** Please email the following to Jitesh Panchal (panchal@purdue.edu) no later than **May 15th, 2016**.

- A PDF file containing no more than thirty technical slides describing the complete design effort. Two additional slides: a title page with names and affiliations, and a picture showing the student(s) with their name(s) are required. A third additional non-technical slide with acknowledgement/references is optional.

- Two letters of support (limited to 1 page each): The first letter of support must be from a *faculty advisor/representative*, and the second letter should be from a *representative of the enterprise* that provided the primary support for the design effort (Note: if the faculty advisor/representative is providing the primary support for the design effort, then another individual closely associated with the design effort must provide the second letter of support and explain his/her involvement). The support letters should indicate the writer’s assessment of the *quality and overall impact* of the design effort.

**Judging criteria**

The submissions will be judged on impact, creativity, use of engineering science, proof-of-concept, quality and clarity of the slides, and letters of support. Four undergraduate teams will be selected as finalists to present their projects and share their experience with the DEC community. The finalists will be notified by June 15, 2016.

**Awards and IDETC Participation**

Each team invited as a finalist to the IDETC will receive funds to help defer costs of attending the conference, as well as a prize for being recognized as a finalist in the competition. Conference registration for all invited students will also be covered by this award. Faculty advisors/representatives of the finalist teams will receive funds to help defer costs of attending the IDETC (or he/she can allocate that money towards the students if she/he has other revenue for attending the IDETC). All invited students and their faculty advisors/representatives will receive certificates of recognition from ASME and be asked to stand for recognition at the DED’s honors event. The grand-prize winning team will receive an additional cash prize. A grand-prize plaque will be awarded to the team’s institution as recognition of the quality of the design effort and presented to the team’s faculty advisor/representative.

**Contact Information**

**Jitesh H. Panchal**  
*Vice Chairperson, DEC Executive Committee*  
*Associate Professor*  
*School of Mechanical Engineering*  
*Purdue University*  
Email: panchal@purdue.edu

**Zahed Siddique**  
*Chairperson, DEC Executive Committee*  
*Professor*  
*School of Aerospace and Mechanical Engineering*  
*The University of Oklahoma*  
Email: zsiddique@ou.edu