



## Department of Electrical and Computer Engineering

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To Whom It May Concern:

The Institute of Electrical and Electronics Engineers (IEEE: <https://www.ieee.org/>) has been conducting the International Future Energy Challenge (IFEC: <https://ifec2019.wisc.edu/>) competition annually for the past several years. This competition is aimed to foster interest in the area of electrical energy and power conversion systems among undergraduate students around the world. The multi-phase competition consists of several rounds that take place over the period of about a year.

Undergraduate student teams from around the world submit a design proposal in response to a design problem. The design proposals are evaluated and selected teams from around the world are invited to present their design at a technical workshop. Based on the student presentations at the student workshop, semifinalists are invited to construct their designs, and enter the final round of competition where their prototypes are evaluated for actual real-world performance. This year, the final round of competition will be held at the University of Wisconsin-Madison campus from July 28<sup>th</sup> to July 31<sup>st</sup>.

The following semifinalist teams have been invited, and have registered to participate in the final round of the competition for the 2019 International Future Energy Challenge:

1. Delhi Technological University
2. DHBW-Stuttgart
3. Drexel University
4. Gottfried Wilhelm Leibniz Universität Hannover
5. Khalifa University of Science and Technology
6. National Ilan University
7. Tsinghua University
8. University of Belgrade
9. Utah State University
10. Virginia Tech

Each of the student teams will be traveling to Madison, and bringing their hardware prototype electric drive for a bicycle, along with other support equipment to Madison during their trip. They will carry their prototypes back to their home institution after the competition, and do not carry any commercial value. They will be brought to the University of Wisconsin-Madison for testing and performance evaluation purposes.

We request all the support necessary for the team to transport their prototype systems to the competition. Please feel free to contact me in case you have further questions.

Sincerely,

Giri Venkataramanan  
General Chair, 2019 IEEE International Future Energy Challenge