



Humanitarian Technology Challenge

Student Design Competition

IEEE is sponsoring a Regional Student Design Competition for solutions to one of three humanitarian problems as part of the joint IEEE-United Nations Foundation Humanitarian Technology Challenge (HTC). The competition runs from Oct. 2009 to May, 2010.

The HTC Regional Student Design Competition challenges students to provide a working prototype, scale model or detailed engineering design specifications for a project that satisfies one of these three Challenges



Reliable Electricity: Availability of electric power for lighting and other electronic devices in resource-constrained environments. Important for education, communications, and economic development.

Data Connectivity of Rural District Health Offices: Capability of exchanging data among remote field offices and central health facilities. Important for accessing treatment protocols, creating and monitoring health trends, and sharing results of treatments.



Individual ID Tied to Health Records: Consistent availability of patient medical records. Important for ongoing treatment of patients, especially migrants and those with long-term diseases.

The project can be developed by student individuals or by student teams. Projects must be submitted no later than May 28, 2010. The winning teams will be announced in late June. Winning teams will receive regional prizes and the opportunity to present their solution at an HTC Conference in 2010.

Student teams will be judged on the creativity and applicability of their design, completeness of their documentation, and quality of their presentation.

Rules for the Regional Student Design Competition are at www.ieeehtc.org/students.

For additional information about the HTC project, detailed descriptions of the challenges and how to become involved, visit the IEEE-HTC site www.ieeehtc.org