

TECHNOLOGICAL PROJECTS AND PROTOTYPES CONTEST

**Not linked
to
paper
submission**

MHTC 2025 welcomes participation from under and graduate students, individuals, and organizations from technical and non-technical backgrounds, including engineers, scientists, academics, small businesses, and corporations to participate in the first prototypes contest. The participants should present their prototypes that provide an innovative solution for one or more of the areas listed below. The conference focuses on technological solutions complemented by an integrated understanding of broader contexts such as economics, policy, culture, and environment.

THE THEMES FOR PROTOTYPES CONTEST INCLUDE:

Health:

Medical technology, telemedicine, mobile care, primary care, biomedical instrumentation, biotechnology, and bioinformatics.

Energy:

Clean energy, Infrastructure and off-grid power, renewable, transportation, energy harvesting, green technologies, smart grid lighting, cooking & heating.

Frugal Innovation:

Low-cost technology applications, low-cost development, low-cost manufacturing, open-source hardware and software, and crowdsourcing.

E-services for the masses:

eGovernance, mGovernance, eEducation, mobile banking, mobile microfinance and electronic personal security.

Environmental Monitoring:

Clean water, pollution, sanitation, irrigation, farming practices & agricultural technologies and climate change.

Humanitarian challenges and opportunities:

Educational innovation, housing, supply chain & distribution, business development, vulnerable groups.

Emerging Technologies for Humanitarian Applications:

Ubiquitous computing, ubiquitous communication, Internet of Things, wireless sensor networks, 3D printing, Big Data, cloud computing, circuits, and systems.

Disaster technological assistance, connectivity, and communication:

Disaster Mitigation, Preparedness, Response and Recovery. Networks, remote communication, and communication technologies.



ABSTRACT AND VIDEO SUBMISSION

The MHTC 2025 committee invites participants to submit an abstract (up to 500 words) that describes the objective, social impact and how the prototype works, together with a video of maximum 5 minutes that shows the prototype working. Every prototype should be presented for at most 4 participants. All prototypes will be evaluated by experts in each area. The evaluation criteria are: Innovation and creativity, viability, social impact, sustainability, and scalability of the prototype. Please submit your abstract and video to fjnarea@ieee.org. For more details about this call for prototypes visit <https://site.ieee.org/mhtc/>

Important Dates:

Submission Deadline: April 28

Acceptance Notification Date: May 16

Prototype Presentation Date: June 19

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