



# IEEE INNOVATION NATION SRI LANKA | 2018

## COMPETITION GUIDELINES

DECEMBER 2018



# SPONSOR

These are the Official Rules ("Rules") that govern how the IEEE Innovation Nation Competition Sri Lanka 2018 operates (the "Competition"). IEEE Sri Lanka Section, Sri Lanka, is the Competition sponsor ("Sponsor").

# DEFINITION

In these rules, "IEEE Innovation Nation", "IEEE IN", "we", "our", and "us" refer to Sponsor and "you" and "yourself" refers to an eligible entrant. By entering, you agree to be bound by these Official Rules and Regulations.

# OVERVIEW

The competition will take place in two (2) rounds over nine (9) months. Teams must register by the deadline to compete. Teams will be given two (2) months to apply and register for the competition as well as submit initial documentation detailing their product/service. The technical documentation and feasibility of the said initial submission will be judged and the top ten (10) teams will be selected to participate in the competition therein. The selected teams will then undergo a training programming to hone their skills until the finals. The finals of the competition will be held in December in line with IEEE Sri Lanka Section Student/Young Professional/Women in Engineering Congress 2018. This will be announced at least two months prior, to all the teams and stakeholders.



# ELIGIBILITY

You are eligible to enter if you meet the following requirements at the time of entry:

- The end of your final academic semester falls **after April 15th 2017** (except for industry member. Refer “Teams and Mentors” section) and you are actively enrolled at an accredited educational institution and following their first university/technical institute (or equivalent) degree within the said time period; **and**
- **You/your team has not** used paid employees’ assistance in creating an IEEE Innovation Nation entry at any time between 16 April 2018 and 31 December 2018; **and**
- **You are not** involved in any part of the execution or administration of this Competition.

## 2.1 TEAMS AND MENTORS

It is recommended that each team (or individual if competing alone) enlist the services of a mentor. Your team may consist of minimum **two (2)** and maximum **five (5)** members excluding the Mentor, in order to submit a single entry as a team. Mentors may be from academic institutions, not-for-profit organizations, or private companies.

- Out of your team members, one (1) member can be an individual who is an active industrial professional; (known as “industry member”). He/She can be someone who graduated before 15th April, 2017.
- Team members may consist of undergraduate students from a variety of academic institutions in Sri Lanka taking into account that each member is following their first degree (B.Sc. or similar).



- The team members, whose final academic semester falls **after April 15th 2017** should provide a copy of their University Identification Card to confirm their student status;
- Each competitor may only belong to one (1) team within the competition;
- Each team is allowed only **one (1) mentor; and**
- Each team is solely responsible for its own cooperation and teamwork. In no event will Sponsor officiate in any dispute regarding the conduct or cooperation of any Team or its members.

Every team should find a mentor (who is willing to be a part of the team till december) from the industry or university academic staff on their own. Innovation Nation will have a pool of mentors specializing in different areas. These mentors will not be assigned to a team, but rather will give expertise to all teams on their respective fields.

The competition aims to inspire innovation and to assess the creativity and knowledge of the entrants. Therefore, the mentor of your team is strictly expected to,

- Limit his/her responsibilities as much as to providing general guidance to the team, and he/she should not be involved in the work of the team such that he/she be deemed original authorship or, may result in the claiming of rights or ownership of the submitted entries; **and**
- Refrain from working on behalf of your team or any individual related to this Competition.

In addition to that, kindly regard that any work done on behalf of teams or individuals will not be tolerated and anyone wishing to stay in the competition is advised against doing so.





## 2.2 FIELDS OF FOCUS

The entry you submit for the competition should be based on any of the STEM disciplines, wherein each letter respectively refers to **S**cience, **T**echnology, **E**ngineering and **M**athematics.

The content of the Entry must address at least one of the *National Science Foundation approved STEM fields* and their subdivisions, including Chemistry, Computer and Information Science and Engineering, Engineering, Geosciences, Life Sciences, Material Research, Mathematical Sciences, Physics and Astronomy, Psychology, Social Sciences **and** STEM Education and Learning research.



# RULES FOR SUBMISSION

To participate in the Competition, Participants must submit a document outlining their idea ("Proposal"), accompanied with information about the Participant(s) and about the Proposal (all together an "Entry") through the Competition online submission form. Entries must comply with the following Submission Rules:

1. Proposals must be created by and owned by the participants.
2. Proposals must be submitted in English.
3. Proposals shall provide an innovative and action-oriented business level idea aimed at solving a problem/need.
4. The idea/solution presented in proposal must use a technological component to solve the said problem/need.
5. Proposals must,
  - (a) Provide a short summary of the idea;
  - (b) Describe the specific problem/need that the proposed solution seeks to address;
  - (c) Describe the solution proposed to address this specific problem/need (E.g. a product, service, program, course, initiative etc.);
  - (d) Describe the process and indicators that will be used to measure its impact and success;
  - (e) Give statistics on the target market (the people who will be impacted by the solution)
  - (f) Operational Plan;
  - (g) Financial Plan; **and**
  - (h) Management and Organizational Plan.
6. Proposals will be judged based on the following Judging Criteria:
  - (1) *Clarity, scope and relevance of the problem and of proposed solution;*
  - (2) *Innovation and originality;* (3) *Feasibility of implementation;* (4) *Potential for impact.* The Judging Criteria is detailed below.



7. Proposals must consist of 20 pages maximum, all inclusive – i.e. including all bodies of text, titles, headings, tables, and text boxes etc., except footnotes, endnotes, references and appendices.
8. A 10 minute (max) video should be submitted together with the proposal outlining the idea. Judging will be based on the idea conveyed on the video and not on the quality of production.
9. The following information must be provided at the top of the first page of the Proposal: the names of the Participant(s) submitting the Proposal – for teams, all team members' names must be listed.
10. Participants must submit their Entries by filling and Submitting the "IEEE Innovation Nation Sri Lanka 2018 Submission Form" accessible through the IEEE Innovation Nation Sri Lanka 2018 website as well as the Facebook page.
11. The submission must be accompanied by a copy of each participant's university ID (except for the industry member) and their CVs.
12. Participants must ensure that their Proposal is entered through direct upload, in PDF format and must not be more than 100MB.
13. The deadline for submitting Entries is 11:59 PM (AoE-Anywhere On Earth time), June 20, 2018. An entry is timely and will be accepted only if received before this time. Requests for deadline extension will not be entertained under any circumstances.

A Sample Project Proposal has being separately attached to this document for your convenience and guidance .

The Proposal must be presented in the manner given in the Sample Project Proposal though the participants are allowed to include additional details proven such that it does not alter the original template.



# JUDGING CRITERION

Each entry will be analyzed and judged based upon the following criteria:

CRITERIA	DESCRIPTION
Technology	<ul style="list-style-type: none"> <li>• Does the product substantially rely on the innovative use of technologies?</li> <li>• Does the product contain visible innovation in the technical design?</li> </ul>
Innovation	<ul style="list-style-type: none"> <li>• Is the product distinctive or fundamentally different from existing approaches?</li> <li>• Will this product inspire people to support it?</li> <li>• Does the product show an outstanding innovation compared to the products in use in that area?</li> </ul>
Feasibility	<ul style="list-style-type: none"> <li>• Does the team possess a credible plan which clearly analyzes the competitive environment for the product?</li> <li>• Will the product have a chance of succeeding among the approached crowds under the execution of the team's existing plan?</li> <li>• Does the existing plan successfully remedy the commercial, technology and operations issues which need to be addressed in commercialisation of your idea?</li> </ul>
Concept	<ul style="list-style-type: none"> <li>• Can the idea be brought to fruition as presented?</li> <li>• What is the potential of the product to help the nation in addressing societal challenges?</li> </ul>

In the event of a tie between any eligible entries, the Judging Panel shall determine, in its sole and absolute discretion, the mechanism to settle the tie. The decisions of the judges are final and binding. Note that this is an open competition that encourages innovation in any form and doesn't preclude any approach or solution compliant with these guidelines.





## INELIGIBILITY AND DISQUALIFICATION OF TEAMS

Please bear in mind that we will disqualify any incomplete or illegible entries that we receive. We will not be held responsible for any entries that we do not receive, or for entries that we receive, but are not uninterpretable for any reason.

We will not accept any entries that may contain any inappropriate, offensive or illegal content that may jeopardize this event in any way.

## OTHER INFORMATION

- You are responsible to check the website and social media pages for any amendments to this original document as we will make announcements through those platforms. Changes, if made will be clearly visible across versions of this document.
- To enter Round one, you can start by submitting your entry beginning from 16th of April 2018, and the submissions will be concluded no later than 20th of June 2018. If a team submits multiple entries, the most recent one will be used for judging.
- Any submissions received after the deadline, will not be deemed as a valid entry and you will not be considered as a participant in this competition.
- Individual introductory sessions will be conducted in some universities by the corresponding student ambassadors.
- Following that, you should also note that an Introductory session that focuses on the specifications of the competition will be held in mid May (subject to change) and, anyone willing to participate is encouraged to join the session.



# DISCLOSURE

By submitting an Entry in this competition, you retain the individual right to your work and derivative, but you grant us your royalty-free, irrevocable permission to,

- Share Entries, proposals and revised versions of proposals and all other entry-related contents only with the permitted third parties including the Judges and Mentors, solely on the purpose to review, analyze, test and judge your content along the *Judging Criteria* mentioned and, to provide guidance and mentorship corresponding to the content of your entry; **and**
- Feature entries of selected elite teams and any content related to it, in providing exposure to the participants' work and in the promotion of the competition in any forms, including but not limited to photographs and presentations via media. We will be sending any content we plan to publish related to your entry prior to publishing. You may request changes or reject publishing of the content as you may desire.

Please note that we are not claiming any ownership to your entry, other than what were stated above and we will not be obligated to provide you with any compensation for the use of your entry beyond that has been already described.



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