

European BEST Engineering Competition Local BEST Group Lisbon

Regulations

NAME AND HEADQUARTERS

The *Board of European Students of Technology* (BEST) is a non-governmental and nonprofit students association. BEST's main goals are to develop activities that promote continuous and transversal training of students of technology and to provide opportunities for personal and cultural development in an international context. BEST helps European students assert themselves internationally, giving them the opportunity to acquire knowledge on European cultures and develop work capacities on an international basis. Being one of the 13 founding members and with headquarters at Instituto Superior Técnico - Universidade de Lisboa (IST-ULisboa), the BEST Lisbon Local Group is, since its creation, one of the most active Local groups both in National and International levels. The address is Instituto Superior Técnico (IST), Avenida Rovisco Pais, 1, 1049-001 Lisboa.

Article 1 [European BEST Engineering Competition]

The Local Group BEST Lisbon hereinafter referred to as the Organisation or as BEST Lisbon, organises an Engineering Competition under the designation EBEC Lisbon - European BEST Engineering Competition Lisbon.

- a) EBEC is an Engineering Competition organized by BEST, divided into three rounds: Local Round, National or Regional Round and Final Round.
- b) EBEC Lisbon will happen on the weekend of 28th to 30th March of 2020, in the Alameda Campus of Instituto Superior Técnico.
- c) EBEC Lisbon is a competition of 24 hours, plus the Opening and Closing Ceremonies, and the solutions' presentations - the presentations will happen on the 30th march.
- d) EBEC Lisbon is composed of two categories - Case Study and Team Design.
- e) Each team can only participate in one of the categories.
- f) The winners of the two categories of EBEC Lisbon will continue to the National Round of EBEC, happening on the weekend of 17th to 20th of April at the University of Aveiro.
- g) EBEC Lisbon has the goals to:
 - i) Stimulate creativity;
 - ii) Encourage teamwork;
 - iii) Develop interdisciplinary skills;
 - iv) Allow direct contact between students and companies;
 - v) Develop problem-solving skills;
 - vi) Allow the practical application of theoretical knowledge;
 - vii) Provide learning opportunities through new experiences;
 - viii) Encourage the discussion of different ideas;
 - ix) Provide fun and leisure moments.

Article 2 [Recipients]

All of the students of Instituto Superior Técnico and Faculdade de Ciências da Universidade de Lisboa enrolled in the 2019/2020 school year can participate in EBEC Lisbon.

- a) Participants should present their application in teams of 4 members, who should be present throughout the whole competition;
- b) The winning team of each category, to be able to participate in EBEC Portugal, should ensure the participation of at least 3 members of the original team;
- c) If any winning team cancels its participation in EBEC Portugal, the second place team will be invited to continue to the national round. This process will be repeated until a team confirms its attendance in EBEC Portugal;
- d) The participation of teams with less than 4 members will only be allowed in exceptional situations, to the decision of BEST Lisbon;
- e) All the members of BEST are excluded to participate in EBEC;
- f) Students who have been members of BEST will be individually analyzed by BEST Lisbon;
- g) Participants are fully responsible for their behaviour and any physical or psychological consequences of their actions during EBEC Lisbon and therefore will be held accountable should any issue arise from them.

Article 3 [Location, Date and Registration]

- a) EBEC Lisbon will be held at the Civil Building, on the Alameda campus of Instituto Superior Técnico;
- b) The 24 hours of competition will happen between the 28th and 29th of March, to both categories;
- c) In the 30th of March, the teams from Case Study and Team Design will present the solutions developed throughout the competition to a jury composed by professors, company representatives or other relevant people;
- d) The applications are done online, from the 1st until the 15th of March in EBEC Lisbon website (<https://best.tecnico.ulisboa.pt/ebec2020/index.html>). To be part of the competition, students should fill the form provided on the website;
- e) The selection of participants will be determined by the fulfillment of the following selection criteria imposed by the Organisation:
 - i) Case Study:
 - 1) Diversity of Degrees in the team members;
 - 2) Year of studies;
 - 3) Academic performance;
 - 4) Creativity in the form answers;
 - 5) Curriculum Vitae.
 - ii) Team Design:
 - 1) Diversity of Degrees in the team members;
 - 2) Year of studies;
 - 3) Academic performance;
 - 4) Creativity in the form answers;
 - 5) Curriculum Vitae.

- f) The Organisation reserves the right to request any other necessary documents from the participating students, which must be delivered within the stipulated period, under penalty of disqualification.
- g) After the competition, a feedback form will be sent to the participants, which should be filled until the 31st of March, with the possible penalty of losing the deposit.
- h) The participation in EBEC Lisbon requires the payment of a deposit of 20 euros per team. The NIB of the account to which the money should be sent will be sent by email.
- i) The deposit will be returned at the end of the event, after the fulfilment of the feedback form and if no irregularity is committed.
- j) The name of the team is subject to adjustment if the Organisations considers it inappropriate.
- k) The teams can apply to both categories, but will only be accepted in one of them. If a team in this situation is accepted, the category will be chosen by BEST Lisbon.
- l) If a team does more than one registration, only the last one will be considered.

Article 4 [Event]

- a) In the beginning of the competition, a room will be randomly assigned to each team so each room only has one team assigned to it.
- b) In the beginning and end of the competition, all the students should be in their corresponding room, except if there is a justification, to be considered by the Organisation.
- c) Each proof is regulated by a script provided by the Organisation.
- d) Regarding the category of Team Design, it is absolutely forbidden to use personal objects that allow access to external information (such as cellphones, tablets, computers, etc.), unless the Organisation informs the opposite. These items will be collected in the beginning of the competition, which will be under the responsibility of the Organisation.
- e) Regarding the category of Case Study, the use of personal objects is allowed. However, it is forbidden to communicate with the exterior, with the goal of taking benefits to the competition.
- f) In the Team Design proof, only the materials and tools provided by the Organisation that are contemplated in the script should be used in building the prototype.
- g) Throughout the activity, the participants are allowed to clarify any doubts with the organisers.
- h) The participants can only go outside the building with the permission of the organisers.
- i) The participants are not allowed to enter other teams' rooms.
- j) The participants are not allowed to enter the Organisers' Room, without previous permission.
- k) After the Team Design proof, the prototypes will be taken to the Abreu Faro Auditorium, in which the presentation will happen. The transportation of the prototypes is to the responsibility of the participants.

- l) After the time of the competition ends, an organiser will inform each team that they should move their prototype, even if it is not finished.
- m) The teams of both categories will have to sign a Terms of Responsibility document before the competition starts.
- n) The teams of the Case Study will have to sign a confidentiality agreement, referring to the content of the proof.

Article 5 [Local Educational Involvement Workshop]

- a) The Local Educational Involvement (LEI) Workshop will happen immediately after the Opening Ceremony, and before the competition itself starts.
- b) The participation in the LEI Workshop is mandatory for all the participants.

Article 6 [Mini Competitions]

- a) Mini Competitions are small challenges which will happen during the 24h competition, in parallel with the main competition.
- b) Participation in mini competitions is not mandatory.
- c) There will be 3 mini competitions throughout the event.
- d) The time of the mini competitions will be included in the schedule of the event.
- e) The script of the mini competitions will be provided immediately before they start.
- f) The winners of the mini competitions will get a reward, which can influence or not the scope of the main competition.
- g) In case of a draw, the reward is given to both teams.

Article 7 [Competition and Evaluation]

- a) The evaluation criteria and test condition will be included in the script.
- b) The Organisation will provide the required resources to test the prototypes.
- c) The prototypes will be individually evaluated and by shifts, so there won't be direct competition between the prototypes.
- d) After the evaluation, the teams are responsible for removing the prototype from the evaluation space and to leave it clean.
- e) Regarding the Case Study category, the intellectual property of the solutions will belong to McKinsey International Inc.
- f) The presentation of the prototypes is required to be in English and is subject to discussion by the jury.
- g) The Organisation is required to deliver a grid with the evaluation parameters, as well as a list with all the competing teams, to each of the jury elements, to justify the attribution of rewards.
- h) The winners will be publicly announced at the end of the event.

Article 8 [Jury]

- a) The jury will be composed by professors or relevant bodies of IST and/or BEST Lisbon partners representatives.
- b) The jury is expected to:
 - i) Support the fulfilment of the articles included in these regulations;
 - ii) Evaluate the prototypes and solutions, annotating of the results;
 - iii) Evaluate the originality of the prototypes;
 - iv) Select the winners;
 - v) Apply the regulations they find relevant in missing cases of these Regulations.
- c) The decisions made by the jury throughout the event will be considered sovereign.

Article 9 [Awards]

- a) Awards will be given to the winning teams of each category.
- b) All the participants will receive a Certificate of Attendance, signed by the Main Organiser and the President of BEST Lisbon.
- c) The awards will be given in at the end of the event, on the 30th of March at Alameda Campus of Instituto Superior Técnico.

Article 10 [Irregularities]

- a) In the case of non-fulfilment of any of the regulations, the team will be disqualified and lose the deposit.
- b) In the case of non-fulfilment of the instructions in the script, the penalty will be decided by the jury;
- c) Any damaged material (tools, chairs, tables, etc.) will imply that the team loses the deposit. In case the value of the damage is superior to the deposit value, the team will be required to pay the difference.
- d) The team is responsible for cleaning and keeping the room in good condition.
- e) The non-fulfilment of points f) and h) of article 4 will imply that the team loses the deposit and is immediately disqualified from the competition.

Article 11 [Final Considerations]

- a) The participation in EBEC Lisbon requires the acceptance of these regulations.
- b) All the missing cases will be decided by the Organisation, according to the circumstances.
- c) BEST Lisbon and the jury have the right to modify these regulations, in situations of force majeure.
- d) The event can be cancelled by the decision of the Organisation.
- e) The Organisation has the right to change the dates of the Event, in extraordinary situations.

- f) In case of any doubt or suggestion, the participants should consult the information provided in the websites and social media or contact BEST Lisbon through the email ebec-participants@best.ist.utl.pt.

Lisbon, 1st of March of 2020

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