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SCIENCE SYMPOSIUM 2005

"Small Solutions for a Bigger and Better World "

About IEEE Science Symposium

IEEE Science Symposium (2005) is a national level competition organised by the Institute of Electrical and Electronic Engineers (IEEE) chapter of Nanyang Technological University. It is co-organised by the IEEE Student Chapter of UTM, Malaysia and also IEEE Student Chapter of NUS, Singapore. This year, it is a great honour for IEEE Student Branch #18651 of UTM to be co-organising this event.

The Science Symposium intends to engage college and tertiary students from a variety of disciplines in the design of a project, which benefits the society and human community on the whole. With the huge response received from college participants last year when Symposium was first launched, the event committee decides to increase its magnitude to include tertiary institutions including Polytechnics and Universities.

The objectives of Science Symposium 2005 are to instil an application oriented thinking in students, to increase the understanding of scientific concepts among students, and to encourage students to develop working models based on their ideas, as well as to provide the opportunity for students and advisors of various academic fields of study to meet and discuss ideas. Last but not least, Science Symposium also aims to create a sense of responsibility towards society and a greater understanding about the role of technology in society.

Science Symposium 2005 is now open for registration. Registration is opened from 14th February – 18th March 2005. Registration fee is RM25 per team and RM10 per individual entry for the actual competition. Following which, the dateline for the submission of abstract is 30th April 2005. The complete project

report has to be submitted by the 25th of June 2005. If selected as one of the ten finalists, the finals, which is held in NTU, will be on the 30th of July 2005.

Rules & Regulations

IEEE Student Branch #18561 of Universiti Teknologi Malaysia

SCIENCE SYMPOSIUM 2005

THEME: Small Solutions for a Bigger and Better World

1.0 OBJECTIVES

1.1 The objective of this year's competition is to foster deeper and greater appreciation of the application of science concepts to solve problems among the college and the tertiary students.

2.0 ELIGIBILITY

2.1 The competition is open to all undergraduates of UTM.

2.2 Institutions are allowed to register more than one team but each team should work independently from one another.

2.3 Each team must have a faculty advisor. The advisor must be a faculty member of UTM. Adjunct or emeritus faculties are welcome to serve as advisors. Advisors may give guidance and suggestions but cannot perform actual design work.

3.0 TEAM STRUCTURE

3.1 The number of students in a team must not exceed five.

3.2 Undergraduates are allowed to register for more than one team.

3.3 Pertaining to the selection of the team members, they need not be from the same institutions.

3.4 Students in the same team are not required to be from the same levels or disciplines.

4.0 THE COMPETITION

4.1 In the event of the competition, the registered teams are required to hand up an abstract of their projects.

4.2 The projects submitted must be original and must be the recent works of the entrants.

4.3 Entrants should not submit works entered in the previous competitions.

4.4 In the event during the competition, the organisers reserve the rights to withdraw the projects of any teams if the team was found to have carried out any forms of plagiarism or whatsoever.

4.5 There is no limitation on the amount of money spend by the participation team on their project.

4.6 Funds used in the process of the projects are non-claimable from the organisers.

4.7 Projects are not allowed to be sponsored by any commercial bodies. If discovered, the participants will be liable to be expelled from the competition.

4.8 Participants are allowed to loan their equipment from their institutions for their research on their projects.

5.0 SCOPE OF THE COMPETITION

5.1 The participants of the competition are encouraged to keep within the scope of the competition. But if the project is of significant value to the society and of the competition theme allowances may be made.

5.2 The tertiary categories for the competition comprise of the following:

- Computing / IT
- Biological / Life Sciences
- Environmental Sciences
- Robotics and Science Gadgets
- Sciences of other fields
- Engineering: Structural, mechanical and environmental
- Electronics and Electrical

6.0 REGISTRATION

6.1 Once the institution has decided on the teams and team members which they want to send for the competition, they are allowed to register so from 14th February 2005 to 18th March 2005.

6.2 All participants who are interested to participate in the activities organised during the boot camp, which will be conducted on 26 February 2005 at the Nanyang Technological University, are required to submit their names to the IEEE Student Branch UTM by 20 February 2005.

6.3 Registration fee is RM25 per team and RM10 per individual entry for the actual competition.