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கல்வி அமைச்சு
Ministry of Education

'ශුචුරූපාය', බත්තරමුල්ල, ශ්‍රී ලංකාව.

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Date

21.05.2019

Circular No: 28/2019

All Provincial Chief Secretaries

All Provincial Secretaries of Education

All Provincial Directors of Education

All Zonal Directors of Education

All Deputy Directors of Education/ Assistant Directors of Education in charge of Divisions

All Principals

All Island School Robotics Competition and Exhibition

It is a well-known fact that in an era Technology is rapidly developed, the world seeks access to Robotics Technology. Consequently, arrangements have been made by the Ministry of Education to organize All Island School Robotics Competition and Exhibition with the objective of inspiring the generation of children to confront challenges of the future world of work by acquiring knowledge related to the Robotics Technology and fostering attitudes, competencies and practical techniques and to uplift their artistry.

01. Objectives:-

1. To showcase, encourage, and to evaluate the hidden talents of the school students.
2. To update their awareness of the orientation of the future world of work and to improve innovative thinking and thereby to develop their inventive skills.
3. To guarantee the access of education of Sri Lanka towards the rapidly developing technological tendencies of the world.
4. To promote talents of the school children by strengthening the intervention of the Government towards Robotics Technology Education.
5. To establish the concepts of entrepreneurship on automation through upgrading students' Robotic Technical skills required for the labour market enabling the students to compete with the future world of work.

Following matters are emphasized in the school competition conducted annually.

02. Scope of the Competition.

Creations should be submitted according to the respective area that is used in the Robotics Technology as indicated in the following Head Numbers.

Head No.	Area covered
01	Production Industry and Environmental Studies <ul style="list-style-type: none"> ➤ Robotic creations produced for the accessibility of agriculture and fisheries and other industries and environmental activities and the robotic creations based on action automation.
02	Education <ul style="list-style-type: none"> ➤ Robotic creations invented for improving the qualitiveness of learning and teaching process. ➤ Robotic creations that can be used to facilitate the learning and teaching process.
03	Engineering Technology and Production <ul style="list-style-type: none"> ➤ Robotic creations related to action automation ➤ Robotic machines invented for minimizing the cost of the production techniques
04	Entertainment <ul style="list-style-type: none"> ➤ Robotic machinery that can be used for entertainment purposes/ sports activities
05	Health and Medical <ul style="list-style-type: none"> ➤ Robotic creations invented for health conservation or medical activities.

03. Levels of the Competition

- School students less than 18 years of age studying in Grades 6 – 13 in National and Provincial schools covering the 09 provinces are eligible to participate in the competition.
- Students of all schools (Government, Assisted schools) and Piriven are able to participate in the competition and robotic creations designed in accordance with the aforementioned methodology will be presented in the Provincial competitions on the recommendation of the principal of the school / pirivena.

- iii. The creations that secure first, second, third, fourth and fifth places according to the above areas in provincial level will be demonstrated in the exhibition conducted in line with the final competition.
- iv. The first, second, third places will be selected from among the creations that secure victories in provincial level related to the respective area of the competition and certificates, trophies and prizes will be awarded to the winners by the Ministry of Education and the amount of money awarded is mentioned below.

First place	-	Rs. 25,000.00	-	01
Second place	-	Rs. 15,000.00	-	01
Third place	-	Rs. 10,000.00	-	01
Merit	-	Rs. 5,000.00	-	For the 4 th place to 10 th place

- v. A financial grant of Rs. 25,000.00 will be offered to schools that secure first places from the respective area of the competition for the promotion of technical education of the school.

04. Time Frame

- School level competitions - prior to 30th July
- National Competition - prior to 31st October

05. Organization and Judgement

Provincial Competition

The Provincial level competition should be organized by the Deputy Director of Education / Assistant Director of Education in charge of co-ordinating Technical subjects of the province.

- A lecturer of a university with a comprehensive knowledge of Robotics Technology/ Electronic and Electrical Engineering / Electronic and Telecommunication Engineering / Mechanical Engineering Science / Artificial Intelligence or any related field or a Chartered Engineer of the relevant fields.
- An officer nominated by the Technical Education Branch of the Ministry of Education
- Deputy Director of Education/ Assistant Director of Education in charge of Technical subject / Engineering Technology subject of the province
- A teacher representing another province who possesses knowledge on the relevant field.
- At the Provincial level competition, the decision of the Provincial Director of Education will be final and conclusive.

117

06. National Competition :-

The National Competition will be organized by the Technical Education Branch of the Ministry of Education

The Panel of Judges of the National Competition should be comprised in the following manner.

- Two lecturers of a university with a comprehensive knowledge of Robotics Technology/ Electronic and Electrical Engineering / Electronic and Telecommunication Engineering / Mechanical Engineering Science / Artificial Intelligence or any related field or two Chartered Engineers of the relevant fields.
- The Technical Director of Education of the Ministry of Education and two officers nominated by him.

07. Panel of Jury :-

Two representatives nominated by the Secretary of the Ministry of Education will be the members of the Jury and the decision of the Panel of Jury will be final and conclusive in the issuance of the judgment.

It is anticipated that arrangements will be made in accordance with the aforementioned instructions to promote the robotics Technology among the students of your schools and province.

Secretary,
Ministry of Education