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ROYAL EDUCATION COUNCIL



Ref: REC/CDC/STEM-Sci (2)/2017-18/ 3289

Date: 3/4/2018

To
Chief DEO/TEO
Dzongkhag /Thromde Administration

Sub: Submission of Symposium Paper for STEM Olympiad 2018

Dear Sir/Madam,

The symposium was a great success during the STEM Olympiad 2017, which provided an excellent opportunity for students and teachers to share their academic work in a wider forum. This success is attributed to the hard work of the students and teachers and unfailing support and cooperation provided by all the Dzongkhag/Thromde Administration and school management.

Similarly, the Royal Education Council (REC) in collaboration with MoE is organising Symposium on the theme, “**Science and Technology for the Livelihood**” as one of the events during the second **National STEM Olympiad 2018**. In this regard, REC would like to invite the expression of interest from all the **Teachers** of PS/LSS/MSS/HSS/CS and **Students** of MSS/HSS/CS under your Dzongkhag/Thromde to participate in the upcoming symposium by submitting the Symposium paper latest by **25th April 2018**. The email id is **bhojraj@rec.gov.bt** (mob no. 17642838)

Please find attached herewith the detailed guidelines of the Symposium.

We look forward to your kind cooperation and support.

With kind regards.

Yours faithfully,


(Bhoj Raj Rai)

STEM Unit Head

Copy to:

1. Director General, DSE, MoE for kind information
2. Director, REC for kind information
3. Principals of all PS/LSS/HSS/MSS/CS.
4. Dean/Officiating Dean of CDC/PDC, REC
5. Office Copy

Guidelines for STEM Olympiad Symposium

General Guidelines

- The soft copy of Symposium paper and duly filled **Registration Form** (Annexure 1) must be submitted to Mr. Wangchuk/Mr. Bhoj Raj Rai on or before **25th April 2018** at wangchuk@rec.gov.bt or bhoiraj@rec.gov.bt
- Presentations of the selected paper during symposium will take place on 1st June 2018.
- The **Abstract of paper** must be typed in the space provided in the Registration Form. In case you wish to submit your project proposal, it should consist of a section each on:
 1. Rationale for and aims of the study
 2. Research Question(s)
 3. Literature review
 4. Key concepts and theories
 5. Approach and Methodology
 6. At least ten references.
- Presentations can be based on either scholarship/research projects or creative projects.
- Upon registration and selection, participants receive a confirmation email and a telephone call from the Royal Education Council, no later than 7th May 2018.
- Length of each presentation is strictly limited to 10 minutes or less, and an additional 15 minutes for audience questions and your responses.
- Presentations will take place between 10:00 am -3:00 pm on the 1st June 2018 at the Department of Youth and Sports Hall. A total of 12 speakers will present their papers (4 teachers and 6 students speakers, and 2 guest Speakers)
- The exact schedule will be determined after all registrations have been received. We will not run ahead of schedule. Expect to present promptly at your predetermined time.
- Presenters are expected to check in a day ahead of the STEM Olympiad i.e. on 31st May 2018.
- All speakers shall submit the presentation files during the registration, a day ahead of the Symposium along with the mention of any additional accessories needed to aid presentation..
- The Symposium presentations are open to the wider audience and should schools wish to send teachers and students (other than the paper presenters) to attend the presentations, they should arrange their own logistics and financial entitlements.
- Daily and Travel Allowance for Students whose papers are selected for the symposium and escort teachers assigned if any, shall be paid a TA/DSA as admissible for payment by the financial rules and regulations.
- Please note that if there is a plan to use PowerPoint, then it must be made sure that the presentation is compatible software version.
- The symposium /presentation is NOT a competition amongst the participants.

Abstract

- The abstract and description of work are part of the judging process. They must be written clearly, succinctly (250-word limit), and are error-free in both grammar and spelling before submitting your registration.

- In the written abstract, full definition of acronyms must be written the first time they are used. Example: "The American Psychological Association (APA) has a tradition of supportive information for students. The APA provides..."
- The work is as understandable and accessible as possible to a broad academic audience without sacrificing its disciplinary rigor.

Presentation

- Dress professionally.
- Be prepared (this includes practicing, timing, and organization).
- Use plenty of eye contact and speak confidently and slowly.
- Use some sort of visual aid if it presents information more clearly. If applicable, use graphs or charts to help explain data or information.
- For those not planning to use PowerPoint software, you may utilize other options such as handouts and single posters to help display important and/or difficult to understand information.
- Though your research may cover many important issues and topics, as a presenter you may not be able to cover all of it in your presentation. It is important to choose the most important and relevant issues and build a strong presentation from those.

Awards

- The symposium is not a competition amongst the participants. The papers selected for presentation, in itself, is an award and honour.
- A prize of Nu. 5000/- (five thousand only) shall be awarded to the selected teacher and student speakers.
- A certificate of commendation shall be conferred to all the presenters.
- A memento shall also be presented to the symposium guest speakers.

Registration Form

Science Technology Engineering Mathematics Symposium 2018

Please write in BLOCK LETTERS:

Name:

Student Code:

School:

Class: Dzongkhag:

Title of your paper:

Abstract (No more than 250 words)

Dated Signature