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Eng Dr Chandana Gamage, *PhD (Monash), MEng (AIT), BScEng Hons (Moratuwa), MACM, MIE(SL), CEng*

13th June 2018

The Principal

Dear Sir/Madam,

<div align="center">

Invitation to Participate in
IDEA Challenge 2018 Competition for Schools
Organized by the Institute of Engineers, Sri Lanka (IESL)

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As part of its ongoing efforts to recognize and promote talents of school students the IESL organizes "IDEA Challenge", an annual competition. We are proud to announce IDEA Challenge 2018 and take pleasure in inviting your school to participate.

This competition is organized by the Information Technology and Communications Engineering Sectional Committee of IESL in collaboration with the Department of Computer Science and Engineering of the University of Moratuwa.

The main objectives of this competition are
- Providing school children with a National Level platform to exhibit their talents and creativity
- Developing interest in school students in the field of Information and Communication Technology (ICT) and Engineering
- Enhancing the awareness of students on Android mobile applications and to expand their knowledge to develop wide range of applications

The challenge in 2018, "Preventing Dengue" expects the students to develop Android mobile applications that lead to make awareness of Dengue and take measures to prevent its occurrence (for example, keeping track of where garbage piles up or stagnant water is present) and spreading (for example, by informing where infections are happening).

Lecture sessions, workshops and mentoring required to develop the technical skills of students to participate in the competition would be provided by the Department of Computer Science and Engineering of the University of Moratuwa via an online e-learning management system.

All the students who complete the course successfully will be awarded a *Certificate of Course Completion* by the IESL.

Competition Rules
- The competition is open to all school students, individually or as a member of a group
- A group can have up to a maximum of 5 students
- Any number of groups can represent a school

Awards and Prizes
The winners would be awarded medals and certificates and the school producing the winners will receive ICT gifts. The winning teams would be given the opportunity to display their entries at Techno 2018 – the Annual Engineering Exhibition organized by IESL held in October 2018 where the winners would also be awarded prizes.

We invite your school to participate in this competition which would provide students with an ideal opportunity to develop their skills and gain recognition at a national event.

Please visit **http://idea.cse.mrt.ac.lk** for details of the competition and for registering teams.

Sincerely,

Dr Chandana Gamage
Senior Lecturer
Department of Computer Science and Engineering, University of Moratuwa
Chairman, IESL IT & Computer Engineering Sectional Committee