

## **JIIY, SLSEF and Intel ISEF Competitions 2017-2018**

---

JIIY is organized by the “IESL” for the Sri Lankan youth their ages between 12 - 19 years. The main aim of this competition was to enhance the creativity and skills of younger generation since 1980.

JIIY preliminary competitions are held at the provincial level and thereafter carry on up to final competition held at the IESL Headquarters in Colombo-07. The winners get an opportunity to display their inventions at the National Engineering Exhibition “Techno” that will be held at the Bandaranayaka Memorial International Conference Hall in each October in every year.

The opportunity to participate in this international competition arose when they won the top 3 places at the ‘Sri Lanka Science & Engineering Fair [SLSEF].

The SLSEF jointly cooperate with The Ministry of Education (MOE), National Science Foundation (NSF), The Institution of Engineers, Sri Lanka (IESL) and Intel to promote their creativities and abilities among the younger generation with effect from 2007.



The winners of “SLSEF” are sent to the Intel International Science and Engineering Fair [Intel ISEF] for the final competition. This is the world’s largest international pre college science competition and it’s a good opportunity to deliver our youngsters’ capabilities to the world.

Each month of May, a group of these Youngers is selected as the finalists and offered the opportunity to compete for approximately US\$4 million as awards and scholarships.

This final competition was scheduled from 13<sup>th</sup> May to 18<sup>th</sup> May 2018. More than 1,800 young scientists and inventors were gathered to “Pittsburgh in America” for the final competition.

In this year Gajindu Kavinda Bandara and K Gimhan Wijayawardana’ from St Anthony's College, Kandy and Supun Sasipriya Silva from De Mazenod College, Kandana were selected to send for final competition from JIIY. These final competitors were selected within 425 affiliate fairs from 81 countries.

State Minister of Education, Hon. V. Radhakrishnan, Immediate Past President, “IESL” Eng. Jayavilal Meegoda, and Secretary, Ministry of Education Mr. Sunil Hettiarachchi, met with these winners of “SLSEF” at Ministry of Education before they travel to United States.

State Minister stated that “Since its inception, SLSEF has produced some brilliant school-aged inventors who have excelled with their ingenuity and creativity. Since 2007, SLSEF winners have won the international awards which were significant achievements for participants as well as the country. IESL, NSF & Intel support over the last few years in assisting SLSEF winners to showcase their innovations in the global arena has been commendable” and wish to the team.

Mr. Sunil Hettiarachchi, Secretary, Ministry of Education delivered his voice, “This event is a great occasion and opportunity for Lankan students to meet with and exchange ideas with their peers from around the world. I have no doubt that this exposure will help them grow and serve their country in numerous ways through science and innovation in the coming years. I wish the finalists the very best of luck for the upcoming ISEF competition”.



President IESL Eng. (Prof.) Niranjanie Ratnayake, Addressed the participants and pointed out the significant contributions of JIY and SRPC programme are making to the students and the country providing motivation to be creative and innovative.

Also Eng. Jayavilal Meegoda said that the SLSEF is being held for the 11<sup>th</sup> time and that the country has to be proud of the way its school children have performed in the face of international competition. He pointed out that the exhaustive preliminary selection process undertaken by the IESL and NSF in selecting 20 finalists from the nearly 1500 school children projects demonstrated to panel of judges at Colombo and all the provinces.



The winners of the Junior Inventors of the Year in Intel ISEF were Gajindu Kavinda Bandara and K Gimhan Wijayawardana' from St Anthony's College, Kandy **won a grand award** in the category of Embedded Systems at the Grand Award Ceremony for their unique project titled '*Smart Walking Stick for Blind (Golden i)*'.

Also as the winner of the Science Research Projects Competition (SRPC), Rimal Induwara from Ananda National School, Chilaw has **won a grand award** in the category of Microbiology. His research titled was 'Isolation of a Potential Microbial Agent for Controlling Dengue Vector Mosquitoes in Sri Lanka'.



IESL has been organizing the (JIY) competition for the last three decades and guiding lots of students to win at an international level competitions.

IESL is very happy to be a part of this cultural change of the country and that drives the next generation of Sri Lankan students to be innovative.

This was the 11<sup>th</sup> consecutive year that Lankan students show their colors and talents to intel ISEF and I am happy and proud to say that, JIY students have capability to the win the world stage. G Kavinda Bandara & K Gimhan Wijayawardana have done is a testimony of the leadership and capability of the country providing motivation to be creative and innovative through the JIY Competition” also this is the 14<sup>th</sup> occasion JIY winners have won recognition at an international level”

The Institution of Engineers Sri Lanka and the National Science Foundation warmly welcomed and wished to the winners of all Intel ISEF.



Eng. Dhammika Dharmaratne  
Chairman – JIY Committee