



Report on

IEEE YESIST 12 – MAKERS FAIR

Bangkok, Thailand

7TH & 8TH September 2019





ABOUT IEEE YESIST 12 Stamford International University

IEEE YESIST 12 (YOUTH ENDEAVOURS FOR SOCIAL INNOVATION USING SUSTAINABLE TECHNOLOGY) (formerly SS12) is an international talent show for the students and young professionals to showcase their innovative ideas to solve humanitarian and social issues affecting directly the community around them. The activity is a part of the vision of ASIST (Augmented Social Innovations through Science and Technology) Secretariat to integrate engineering education and the society creating useful practical scalable products thus encouraging entrepreneurship and patenting IEEE YESIST12 has an interesting history of having its home in California and moving on to various countries and transforming into various themes, shapes and sizes. Born as SS12 (meaning Saturday Sunday 12 hours) it was a hackathon on humanitarian theme for the students of USA. Moving on to Europe and Asia, it blossomed into competition between countries. The first SS12 Asia was conducted in 2013 between two countries – India and Bangladesh. Now it has reached more than 9 countries touching about 2000 students and young professionals every year. The theme now aligns with the Social innovation for sustainable technology and the format includes four tracks.

1. INNOVATION CHALLENGE
2. MAKER FAIR
3. JUNIOR EINSTEIN
4. VIRTUAL TRACK
5. WOMEN IN POWER

About the Event:

YESIST12 2019: AGE OF INNOVATION is a Coding and Making Challenge jointly organized by Madras IEEE Education Society Chapter, hosted in partnership with IEEE sections, Universities and leading technology industry companies across the globe. The main objective of the event is to develop and utilize the innovation present in the young minds of our society. Students can either code or design innovative ideas that will benefit the society or solve any existing problems present in the world.

Participation in the event will help students to think critically and apply theoretical concepts to real life situations. This will help in nurturing innovation among the young and effervescent student community. Moreover, this global innovation challenge already encompasses about 16 different countries in the world. Students will gain a global cultural and ideological exposure apart from massive recognition for their innovative ideas.

About the Stamford International University:

Named after Sir Stamford Raffles (1781- 1826), Stamford International University opened its first campus in Thailand in 1995, near Palm Hills Golf Resort, Hua Hin. To meet the growing demand for international education in Thailand and the ASEAN region, Stamford opened its second campus in Bangkok in 2009, near Rama 9 road. In 2015, Stamford opened its downtown learning center, the Asoke Campus Learning Center, in the heart of Bangkok's business district.

Stamford International University, where students of over 100 nationalities learn and develop together. The programs encourage critical and creative thinking and use a variety of pedagogical methodologies in the classrooms to ensure the classes are truly student-centered and focused on outcomes. The majority of the faculty are international from countries including the USA, UK, France, Germany, China, and many more, making it one of the most diverse and experienced faculties in Thailand. At Stamford, students are prepared to overcome challenges in a diverse and changing world.

Stamford International University offers international and Thai undergraduate and graduate degree programs, including: business and management, communication, hospitality management and information technology. Programs, curricula and degrees are fully accredited by the Ministry of Education and the Ministry of University Affairs of Thailand. Stamford is included on the Ministry of University Affairs' list of accredited private universities of Thailand.

About Our Teams in IEEE YESIST 12- MAKERS FAIR, 2019:

Our college teams **DRONA (Drone team)**, **AUV (Varuna team)** and **Sairam Rescuers (Borewell rescue robot team)** with faculty advisors **Mr. Arun Kumar M R**, and **Mrs. Malini K V** participated and **showcased their products in the IEEE YESIST 12 – Makers Fair Track on Grand Finale, 7th & 8th September 2019 Stamford International University, Thailand.**

In this international event about 16 different countries in the world were participated and showcased their ideas in an international platform. The different countries participant, innovators, various college students and school students etc visited our stall and gave suggestion for improvements by their expertise. The various international participants and innovators enjoyed while seeing our vehicles. It was awesome days for the students and faculties of Sri Sairam College of Engineering.

With the continuous support and motivation from Dr. R. Arunkumar, Management Representative, Dr. B. Shadaksharappa, Principal and all HOD's, the following faculty advisors Mr. Arun Kumar M R, Dr. Sivasakthi Balan, Mr. Harish Babu L and Mr. A. Muthuvel along with 5 students of our institution have done this remarkable achievement.





Preparation of the projects for the event



Inauguration ceremony



Students explaining the projects to jury members



Firefighting Drone



Autonomous Underwater Vehicle



Bore well Child Rescue Robot

Dr. K SIVASAKTHI BALAN
Chief coordinator, SLMIC