

IEEE Madras Section Events

SSN COLLEGE OF ENGINEERING: All India IEEE Computer Society Students Young Professionals Congress 2017



enhance their technical knowledge on Artificial Intelligence & Machine Learning.

The 7th edition of **All India IEEE Computer Society Students Young Professionals Congress (AICSSYC)** was held at *SSN College of Engineering, Chennai* during 17-19 December 2017. The event was organized by IEEE Computer Society and co-sponsored by IEEE MGA Young Professionals, IEEE Region 10 Young Professionals, IEEE MGA Women in Engineering, IEEE MGA Student Activities Committee, IEEE Region 10 Student Activities Committee. The program served as a platform for 200+ students and Young Professional participants all around India to collaborate, network and

Day 1: Ice Breaking & Inauguration

On the first day of the Congress, an inter-section badminton match was organized as an ice-breaking activity for the participants. The participants had an exciting networking experience with the participants from other Sections and had a lot of fun.

The Congress was formally inaugurated by the following dignitaries.

- Mr. Roger Fujji, *Past President of IEEE Computer Society*
- Mr. Eric Berkowitz, *Membership Director, IEEE Computer Society*
- Dr. M. A. Atmanand, *Chair, IEEE Madras Section*
- Mr. H. R. Mohan, *Vice-Chair, IEEE Madras Section*
- Dr. S. Salivahanan, *Principal, SSN College of Engineering, Chennai*
- Dr. T. Sree Sharmila, *Student Branch Counselor, SSN College of Engineering, Chennai*
- Mr. Prasanth Mohan, *Program Chair, AICSSYC 2017*

As part of the inauguration ceremony, the winners of Richard E Merwin student leadership scholarship were facilitated. The inauguration was followed by a cultural performance of the host.

Key note talks from 3 of the eminent speakers Mr. Shri Ram Viswanathan (IBM Distinguished Engineer), Mr. Girish Mathrubootham (CEO, Freshworks) & Ms. Visalini (World record holder for highest IQ) inspired the attendees of the program. The first day concluded with a banquet dinner and an informal fun activity hosted by YP volunteers.

Day 2: Technical Talks on AI & ML

The second day of the Congress kick started with a early morning local tour to shore temple and beach at Mahabalipuram, Chennai (UNESCO heritage site). The tour served as an opportunity for the delegates to network with each other, enjoying the sun rise at the beach.

Engaging sessions by the following speakers focused on the theme of the Congress 'Artificial Intelligence & Machine Learning' excited the participants throughout the day.

- Mr. Pradeep Gullipali (*Co-founder, Tiger Analytics*)
- Mr. Venkatesh Sarangan, (*Principal Scientist, TCS*)
- Mr. Ram Tilak, (*Data Scientist, HP Singapore*)
- Mr. Narayanan (*Product Engineer, Invention labs*)
- Mr. Mohan Shivam, (*Founder & CEO, GAMASOME*)
- Ms. Prathyusha Karamjugudda (*Co-founder, Muse wearables*)
- Mr. Ramprakash Ramamoorthy (*Member, Leadership staff, Zoho labs*)

The traditional lunch with local cuisines was a surprise delight for all the participants. Post the sessions, a gala cultural night and DJ was organized by the hosts. Attendees exhibited their talents through dance, songs and various art forms. The evening was one amazing experience for the participants, encompassing memories to cherish forever.

Day 3: Professional development & volunteering with IEEE

On final day, the much awaited talks related to professional development and volunteering with IEEE, the largest technical professional organization were delivered by the following speakers:

- Mr. Nivas Ravichandran (*IEEE Region 10 Young Professionals Coordinator*)
- Mr. Anand Balu (*Former co-program leader, Startup Leadership Program*)
- Mr. Madhan Karky (*Indian Lyricist & Researcher*)
- Mr. Rajendra Dhandapani (*Director of Engineering, Zoho*)
- Ms. Pavithra Balakrishnan (*Founder & Product Director, Galvanize*)
- Mr. Shyaam Subramanian (*Chief People Officer, Teach For India*)
- Mr. Senthil (*CEO, GeeksUp*)
- Mr. Eric Berkowitz (*Membership Director, IEEE Computer Society*)
- Mr. Roger Fujii (*Past President, IEEE Computer Society*)

Parallel Tracks: Merwin Ambassadors Meet & IEEE CS Student Chapter Exhibition

A formal meeting for Merwin ambassadors was organized as a parallel session. 17 student/YP ambassadors across India attended the meeting to brainstorm on the various projects that they execute to engage the IEEE CS members in the region. IEEE CS Student Chapter exhibition was hosted to amplify the best practices / events to engage the student members. Several student chapters across India participated on the exhibition. IEEE CS Chapter of VIT Vellore was announced as the winners and received a cash prize of \$150.



Valedictory ceremony

Before the closing ceremony, the launch of the CSIS website took place. Mr. Roger Fujii & Mr. Eric Berkowitz appreciated and facilitated all the volunteers who were responsible for the success of the AICSSYC with certificates of appreciation. IEEE CS Compute newsletter team volunteers were also applauded during the closing ceremony. The program received wonderful feedback from the participants. It was an incredible experience for the Young Professionals, to improve their networking experience and professional skills. AICSSYC ignited the spark on the Young Professionals to contribute more to the community.

Report by: Dr. T. Sree Sharmila, sreesharmilat@ssn.edu.in

Google rolls out Search feature for jobs in India: It will allow users to look for employment opportunities in Search. The company has also partnered with job search platforms including LinkedIn and QuikrJobs for the same. The feature offers filters like location, type, and field, and is available on the Search app for both Android and iOS users.

VIT Vellore: Awareness programme on ICT Standards, Benchmarks and Guidelines



Vellore Institute of Technology, Vellore hosted a One-week awareness programme on ICT Standards, Benchmarks and Guidelines (12-16 March 2018) focusing on the following 5 core subjects: Computer Hardware, Operating System, Computer Networks, Database Management Systems and Programming Languages.

The event was organised by School of Information Technology & Engineering in association with IEEE CS, ACM and CSI student branches of VIT Vellore.

The student members had set up info booths for creating awareness to these professional societies and their roles in formulating ICT standards, benchmarks and guidelines.

The programme was attended by about 570 participants in different activities of the programme such as (a) Invited talks from working professionals from ICT industry on the role of standards, benchmarks and guidelines in enhancing organizational productivity and quality of products and services (b) Presentation by faculty members on leading organizations engaged in formulation of standards, benchmarks and guidelines (c) Presentations by final semester project students - sharing their experience how they used/incorporated standards/benchmarks/guidelines in their project (d) Oral and poster presentations by students on standards, benchmarks and guidelines (e) Quizzes.

Mr. Christopher G Hudson, Principal Consultant, TCS inaugurated and delivered keynote speech on 12th March 2018. In his speech, he deliberated upon the significance of standards, benchmarks and guidelines in distributed product development scenarios. He shared his experiences of leveraging distributed software development teams to deliver exceptional results. Mr. H.R. Mohan Fellow & Past President, CSI and Vice Chair, Professional Activities & Editor, ICNL, IEEE India Council graced the valedictory as the chief guest on 16th March 2018.

On 13th March 2018, Prof. H.R. Vishwakarma shared a few opportunities for faculty and students to work with leading organizations that are engaged in formulation of ICT standards, benchmarks and guidelines.

On 14th March 2018 Mr. Devarajan Mohan, Head, Offshore Service Delivery, TCS Chennai delivered an invited talk on role of standards, benchmarks and guidelines in ICT infrastructure management. On 14th March 2018, Mr. Chandrasekharan K, former Associate Vice President - HCL Technologies Ltd, Bangalore presented an overview on how software engineering standards evolved overtime and deliberated on software coding standards.

On 15th March 2018, Prof. K. Ganesan delivered a talk on Motor Industry Software Reliability Association (MISRA) C Software Development Standard. On 16th March 2018, Dr. Anand Subrmanian, Senior Delivery Manager, IBM India Pvt Ltd, Bangalore the role of standards in software project management.



On 16th March 2018, Mr. H.R. Mohan Fellow & Past President, CSI and Vice Chair, Professional Activities, IEEE India Council and Dr. S. Koteeswaran, Dean-Research, Dept. of CSE, VelTech and Treasurer of IEEE CS Chapter, IEEE Madras Section conducted a quiz on the latest developments in ICT.

Dr. Aswani Kumar, Dean, School of Information Technology & Engineering and Dr. B. Valarmathi, Head of Department of Software and Systems

Engineering, Prof. H.R. Vishwakarma and Dr. G. Jagadeesh coordinated the programme.

Report by: Prof. H.R. Vishwakarma, hrvishwakarma@vit.ac.in

Autonomous robot assembles Ikea chair in under 9 mins: Nanyang Technological University (NTU) has developed an autonomous robot assembling furniture giant Ikea's chair in 8 minutes 55 seconds. The robot, powered by NTU-coded algorithms, comprises a 3D camera and two robotic arms featuring grippers to pick up objects.