India Electronics Week 2017

(2nd -4th March)

- *A second successful collaboration with IEEE India Council*

An Initiative by:

Sivaji Chakravorti

Deepak Mathur

Jibin Sabu

Ankita KS

Introduction:

IEEE has always been instrumental in providing the right motivation and propitious inspiration for all its members to brace up and become a proper professional who can bring in path breaking innovations the world has ever seen.

This was again proven in India Electronics Week 2017, when IEEE India Council collaborated with EFY group to host this multi-disciplinary mega tech convention with 100+ speaker, 65+ talks and 25+ workshops. There were over 11,800+ registrations and amazing set of speakers who attracted the best talent in the country, resulting in all the workshops and conference halls being filled up with delegates.

The overall event consisted on various EFY conferences and Workshops, Expos like IoTSHOW, LEDASIA, DIY EXPO, Buyers Sellers Meet, Test and Measurement India and more

With the major trending topics like profit from IoT, Analytics and AI, Cybersecurity, Smart homes and Smart humans as the tracks for the conferences, the technology experts who came down to BIEC, Bangalore on 2nd, 3rd and 4th of March were diverse and huge.

A Brief Report:

Day 1

The first day kick started with an opening keynote by Dr. Andreas Middendorf from Fraunhofer-Institut für Zuverlässigkeit und Mikrointegration on "Microelectronics for the IoT- often invisible but always indispensable". After which there were 2 parallel tracks on Profit from IoT and Cybersecurity in IoT. There were multiple prototyping workshops going on side by side as well. Afternoon from 12 – 2 PM there was a CEO luncheon organized by Fraunhofer , in which more than 50 top delegates participated and enjoyed the networking lunch. There were two panels on Profit from IoT, one was on "How do IoT startups really thrive in India" moderated by Kumaran Venkatesh from IESA and other was on "New age Smart Retailing in Brick and Mortar" moderated by Avinash Kaushik from Revxx IoT accelerator. Both these panels were very intereting and informative. There was a workshop on "INTERNET OF THINGS: Where does the data go? " by Frugal Labs which was conducted for 6 halves separated into 2 halves by lunch. This workshop received immense response and was the hit of the day.
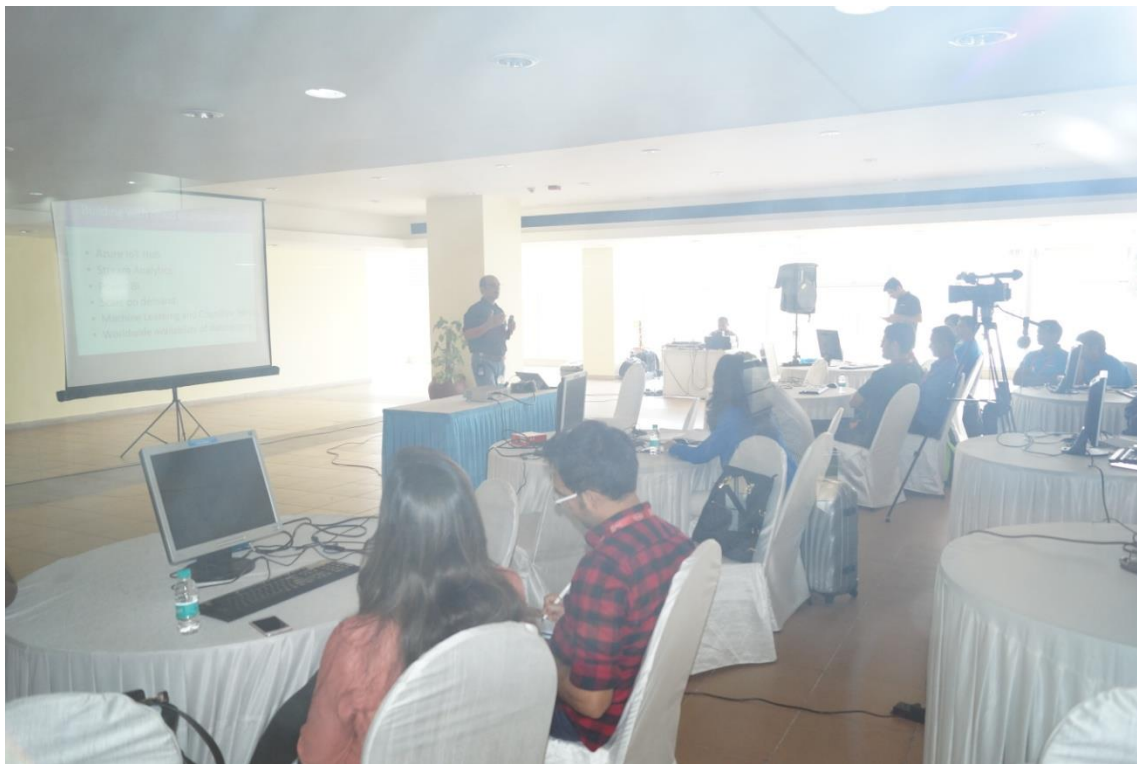

Opening keynote by Dr. Andreas Middendorf

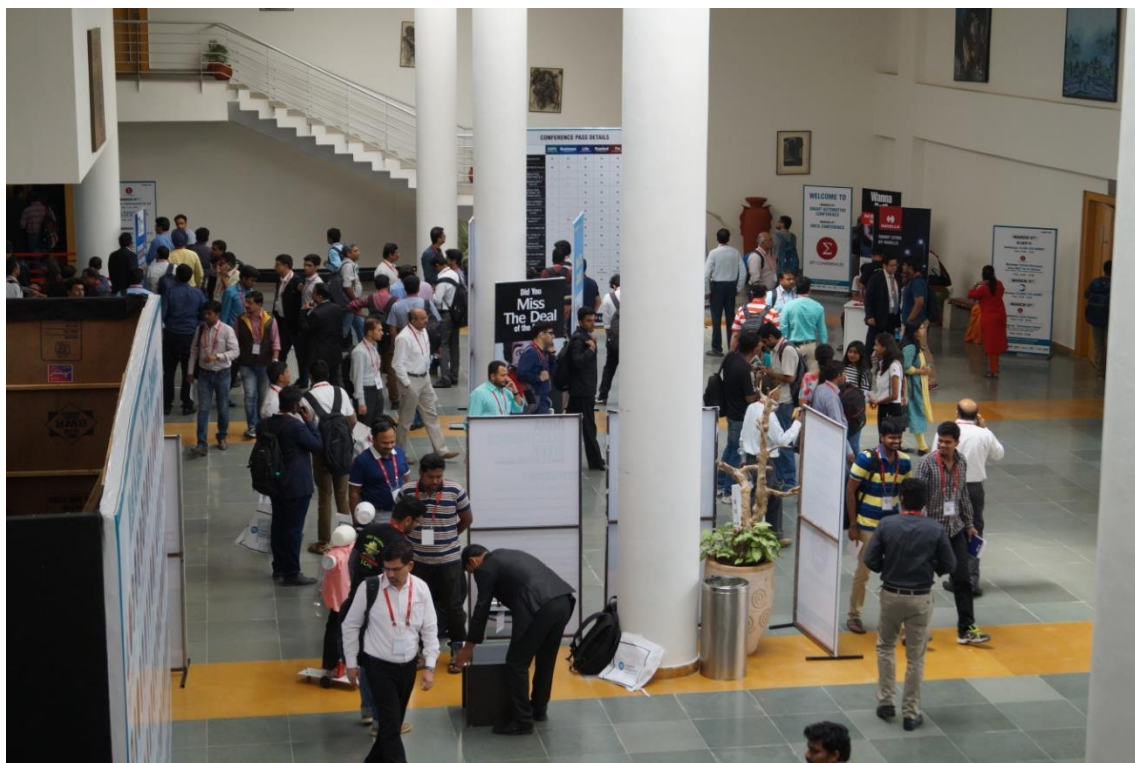*Panel Discussion on "How do IoT Startups really thrive in India"*

ELCINA Summit

Day 2

The best part of day two was it had two back to back interesting keynotes. First was Venkat Matteela, the chairman and CEO of Redpine Signals, second was by Milind Hanchinmani from Intel. This was followed by 3 parallel tracks, which were Smart Industry, Analytics and AI and Smart Automotive. The workshops included interesting topics like "How to Integrate voice into your project", "Custom End Node Design- Going behind Arduino", "How to automate your Robot" and many more. The evening keynote was by Dr. Dhananjay Gore, Sr. Director Engineering, Qualcomm India. There was an interesting IoT development Workshop based on snapdragon 410 conducted by Qualcomm. The star speaker for the day was Martin Woolley from Bluetooth Special Interest group who spoke about "4x Range, 2x Speed! Bringing Bluetooth 5 to India". The best thing that happened was he was very happy with one of the student volunteers from IEEE, Lavanya Narayan and also posted a tweet about her and the event on twitter. Overall the second day was very much interesting and had many things to look out for.

Workshop on How to build temperature Monitoring system
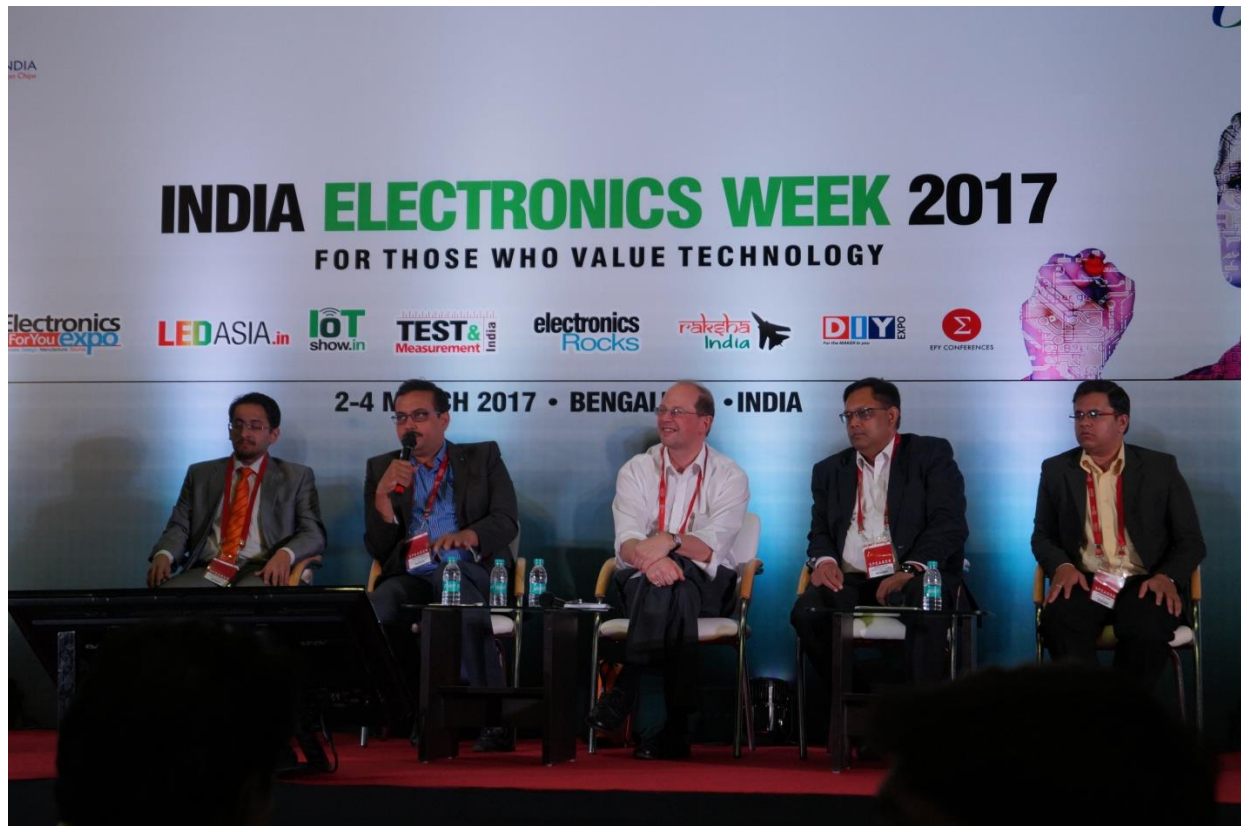
The Conference area

The stalls in the Expo Area

Day 3

March 4th also followed the tradition of the previous day with engaging the audience with two back to back keynotes. First one was by Balaji Kesavaraj from Microsoft and the second was a keynote panel discussion on "Optimally Leveraging Electronics and Digitisation to Transform Manufacturing through Industry 4.0". This was followed by 4 engaging tracks which were the Smart homes and cities, Smart Humans, Profit from IoT-II and SMTA. This again had amazing set of workshops conducted in parallel. There was great workshop on "How to build hardware and Software" by Vinay Chaddha which was full in no time and all the attendees loved it. There was another workshop on "How to Design using DEFINE framework" which received immense response from the audience. There was a talk by Munir Mohammed, Program Specialist – ComSoc and eHealth from IEEE. There were many interesting talks like "Amazon Alexa & Smart Home Skills", "How to add internet to vending machines", "Operating your IoT system securely and profitably" and many others which ended the last day proficiently.

Workshop on DEFINE framework by Srinivasa Moorthy

Panel Discussion on "Optimally Leveraging Electronics and Digitisation to Transform Manufacturing through Industry 4.0"

Filled up conference halls

The Expo was conducted on 3 days and it welcomed huge number of visitors. The IEEE volunteers were mainly incharge of the speaker's lounge, workshop area and the conference halls. This gave each one of them a huge exposure and knowledge about the upcoming technology trends. The main highlight of the event were the 2 robots in the conference areas which interacted with all the delegates, took their pictures and handed them delegate kits

Robot interacting with the delegates

"The volunteers were enthusiastic and keen to help, they coordinated well with all the delegates and did a really great job. All the emcees and the hall managers were very happy with them", says Dilin Anand, Executive Editor, EFY Group.

"All the volunteers did a really good job. The helped me guide the speakers to their respective halls and also helped the speakers with all their queries and requirements. Many speakers came back to appreciate their work" says Ankita KS, Audience Development Editor, EFY Group

All the volunteers too loved the experience. They learnt a lot by coming face to face with the technology world. Jairam from Kerala Section had set up the whole

excellent volunteer team. He also shares his volunteer experience on social media and his blog.

Martin Woolley complementing Lavanya for her help

The whole volunteer team

Volunteers with the robots

Volunteers with EFY team members

IEEE Student Volunteer team:

1. **Jairan Sankar**
2. **Balu B Raj**
3. **Amogh Jayaraj Rau**
4. **H. Ravisankar Menon**
5. **Adithya Rajesh**
6. **Varun S**
7. **Lavanya Narayanan**
8. **Arun Teja Godavarthi**
9. **Prashanth Reddy A**
10. **Anirban Ghosh**
11. **Namratha Ajoy**

12. Prashant Bitmandi
13. Sourabh Kothari
14. Manish DV
15. Ashwini Naidu
16. Jyothi K
17. Sweta Kumari
18. Aditya B Kulkarni
19. Navami Kini
20. Nitesh Nayak
21. Madhav Shenoy
22. Divya S
23. Sandeep Kumar S
24. Ram Mohan Raju
25. Ritesh Pandey
26. Abhishek J R
27. Jayshree C
28. Rohit P R
29. Rahul Agarwal
30. Rahul P R

Thank You