

## **A Report on TechnoPHILIA 2018**

*“TechnoPHILIA 2018”, 2nd National technical event on paper presentation and project competition in association with ISA Pune Section.*

ISA student Chapter at Department of Electronics Engineering, MIT Academy of Engineering (MITAOE), Alandi, Pune (An autonomous institute affiliated to the Savitribai Phule Pune University (SPPU), Pune.) successfully conducted “**TechnoPHILIA 2018**”, 2<sup>nd</sup> National level technical paper presentation & project competition, in association with International Society of Automation (ISA) Pune Section, on 30<sup>th</sup> March 2018. The competition received a very overwhelming response from the student fraternity.

A total of 165 students from 17 different colleges and departments registered and participated for paper and project competition. The following is the list of colleges which participated in the competition:

1. AMC ENGINEERING COLLEGE, BENGALURU
2. KLE DR. M. S. SHESHAGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY UDYAMBAG, BELGAUM, KARNATAKA.
3. RAJARAM BAPU INSTITUTE OF TECHNOLOGY ISLAMPUR.
4. PICT, PUNE.
5. SINHGAD INSTITUTE OF TECHNOLOGY LONAVALA.
6. K. K. WAGH INSTITUTE OF ENGG EDUCATION AND RESEARCH, NASHIK
7. K.E'S R.I.T, ISLAMPUR.
8. A.I.S.S.M.S INSTITUTE OF INFORMATION TECHNOLOGY PUNE
9. SNJB'S SAU.KANATABAI BHAVARLALJI JAIN COLLEGE OF ENGINEERING CHANDWAD NASHIK.
10. PES MODERN COLLEGE OF ENGINEERING, PUNE
11. SAMARTH GROUP OF INSTITUTION COLLEGE OF ENGINEERING BELHE, BANGARWADI
12. DR. D Y PATIL SCHOOL OF ENGINEERING & TECHNOLOGY
13. BVCOEW, PUNE
14. K J SOMAIYA INSTITUTE OF ENGINEERING AND TECHNOLOGY, MUMBAI
15. SINHGAD ACADEMY OF ENGG. PUNE
16. M.H. SABOO SIDDIK COLLEGE OF ENGINEERING, MUMBAI
17. MIT ACADEMY OF ENGINEERING, ALANDI

In all **18** student groups participated in Paper Presentation and **29** student groups participated in Project competition groups (i.e. total **165** participants). Some of student teams participated in both paper presentation and project competition.

The event started with the formal Inaugural function. Mrs. Usha Verma, HoD Electronics Engineering, Mr. Ramani Iyer, District Vice President Asia Pacific District 14, Mr. Vinod Joshi, Educational chair of ISA Pune section, heading NPD Forbes Marshall, Mr. Sandeep Shroff, Professional Consultant, Mr. Amit Saxena, Professional Consultant, Mr. Anand Iyer TUV Functional Safety Professional, ISA District 14 newsletter Editor, Mr. Aloukh Pawar, Co-founder Unix Horizon Business Development LLP, Mrs. Shilpa K. Rudrawar Faculty coordinator, TechnoPHILIA 18 were present on the dais. The function started with welcome speech given by Diksha Kaushik, followed with the lighting of traditional lamp. MITAOE ISA student charter President at Mr. Kshitij Nanaware briefed about ISA activities. This was followed by an inspiring address of Mr. Ramani Iyer, District Vice President Asia Pacific District 14, Mr. Vinod Joshi, Educational chair of ISA Pune section, heading NPD Forbes Marshall informing the students about advantages of becoming student member of professional organizations like ISA. Mrs. Usha Verma HoD, Electronics Engineering, appreciated the effort taken by team TechnoPHILIA and wish best luck to all the participant came from various part of India as well as for the success of event. Mrs. Shilpa K. Rudrawar, Faculty Advisor ISA Pune charter at MITAOE, coordinator of TechnoPHILIA briefed about the agenda of TechnoPHILIA 2018.

The entire activity was a very well organized activity. The events commenced with technical events on paper presentation sessions coordinated by Mrs. Dipti Sakhare. Some students presented their papers/Projects on Skype also. The students presented their papers in a professional & structured way. The topics of the papers were very innovative and technically of very good quality. The participants took a lot of interest in explaining and defending the papers and took the comments and observations of the panel of judges in a constructive manner.

The same day event commenced with project competition coordinated by Mr. Sagar Shinde. The students shown a live demonstration of projects carried out by them and enthusiastically explained their project ideas.

A team of distinguished and qualified judges were formed to evaluate the papers and projects. The projects and papers presented were technically of nice quality and the judges had a tough time to identify the best out of them.

Judges evaluated papers / Project according to the rubrics given, which were informed to students well before the event.

Panel Discussion session was arranged for all the students participated in

TechnoPHILIA 18 for networking and guidance before result declaration.

The following was the list of the judges for TechnoPHILIA 2018

- Mr. Ramani Iyer, District Vice President Asia Pacific District 14.
- Mr. Vinod Joshi, Educational chair of ISA Pune section, heading NPD Forbes Marshall
- Mr. Sandeep Shroff, Professional Consultant
- Mr. Amit Saxena, Professional Consultant
- Mr. Anand Iyer TUV Functional Safety Professional, ISA District 14 newsletter Editor
- Mr. Aloukh Pawar, Co-founder Unix Horizon Business Development LLP

**Following were the results of the paper and project competition.**

**Results of Paper presentation:**

Position	Prize Money	Name of participants	Paper title
1st	Rs. 1500/-	Mr. Rutwij Munnoli	Gesture Controlled X-Rhex (2.0) Robot
2nd	Rs. 1000/-	Ms. Snehal kaleba	Ujjwal
3rd	Rs. 500/-	Mr. Mayur Joshi, Ms. Aishwarya Gandigude Mr. Swaraj Cheda	A Study of T-Shaped Fractal Antenna for WiMAX and IEEE 802.11a WLAN Applications.

**Results of Project competition:**

Position	Prize Money	Name of participants	Paper title
1st	Rs. 2500/-	Mr.Shurabeel Rayaz Khan Mr.Ayaz Rayaz Khan Mr.Jahanzeb Jalib Khan	LECOBOT-(Leap motion controlled robotic arm)
2nd	Rs. 1500/-	Ms.Andhale Ashwini Ramdas Ms.Potphade Priyanka Lakshman Ms.Aher Sushama Bhausasheb	Image processing based fruits sorting system
3rd	Rs. 1000/-	Mr.Dharmesh Katariya Mr.Pratik Parik, Ms.Gauri Lodha	Smart Toilet

The function was finally concluded with “Vote of Thanks”. The entire activity was a grand success due to constructive efforts of the ISA Pune Chapter Team, Industry experts, MIT AOE Team i.e. Management, Director, HoD, Faculties, non-teaching staff, and all student coordinators.

The participant feedback was very positive and they express the eagerness for future participation.

## Photo Gallery

### Inauguration of TechnoPHILIA 2018



### Inauguration of TechnoPHILIA 2018





**Judges of TechnoPHILIA 2018**

**Mr. Amit Saxena, Mr. Aloukh Pawar, Mr. Ramani Iyer, Mr. Anand Iyer, Mr. Vinod Joshi, Mr. Sandeep Shroff  
Mrs. Shilpa Rudrawar ( Coordinator TechnoPHILIA)**

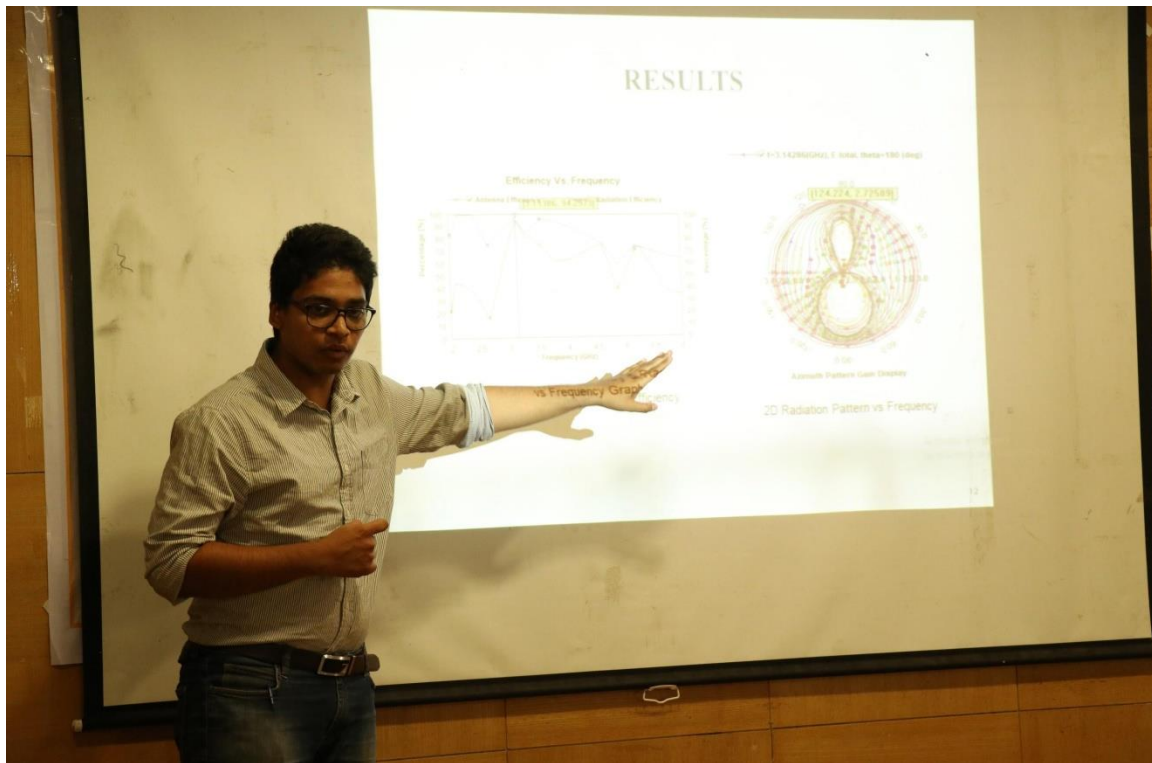


**Judges of paper presentation**

**(Mr. Sandeep Shroff, Mr. Vinod Joshi, Mr. Ramani Iyer)**



## Participant presenting paper





## Skype Presentation

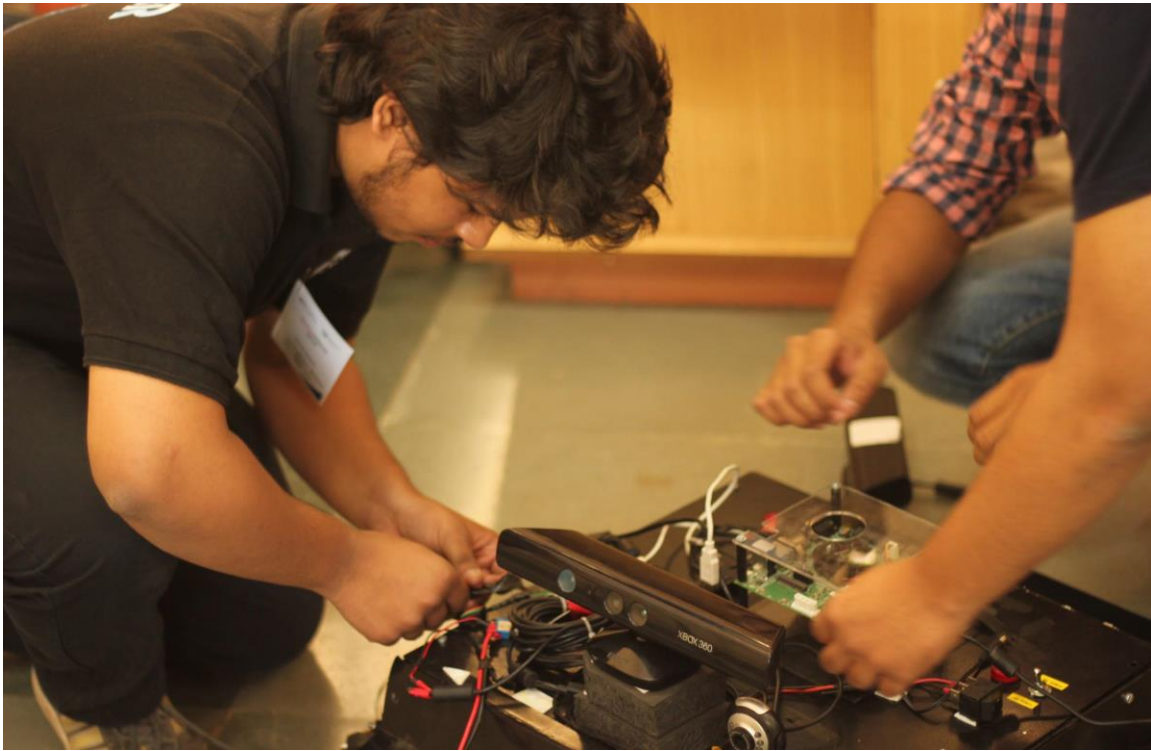


**Panel of Judges evaluating Project Competition (Mr. Amit Saxena, Mr. Aloukh Pawar, Mr. Anand Iyer)**





## Participants Demonstrating their Project



## **Winners TechnoPHILIA 2018**

### **1st Prize winner in Project competition**



### **2<sup>nd</sup> Prize winner in Project competition**





**3<sup>rd</sup> Prize winner in Project competition**



**All participants, Judges and team TechnoPHILIA**



**All participants, Judges and team TechnoPHILIA**



**1st Prize winner in Paper Presentation**





**2<sup>nd</sup> Prize winner in Paper Presentation**



**3<sup>rd</sup> Prize winner in Paper Presentation**



## Team TechnoPHILIA



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