IAEERAP - 2018

(I²IT ACM Exhibition of Exclusive Research and Academic Project)

Technical Project Exhibition IT / CS/ E &TC on 26th March 2018

IAEERAP 2018 Report

"The trick to having good ideas is not to sit around in glorious isolation and try to think big thoughts. The trick is to get more parts on the table."
- *Steve Johnson*

An idea is the difference between a successful person and a struggling person. An idea is the light of motivation for those who are trying to make a difference. And also, an idea is the distinction between a creative mind and an ordinary mind.

To honour such ideas and to give a tangling platform for their future growth the Department of Information Technology of **International Institute of Information Technology(I²IT)** organized a national level project exhibition competition **IAEERAP** i.e. I²IT ACM Exhibition of Exclusive Research and Academic Projects The date was 26th March 2018 and the purpose was to showcase the country's young talent. The event was conducted under the flag of The Association for Computing Machinery i.e. ACM Student Chapter of I²IT IT Department.

Participants from different colleges competed in the event to showcase their Project and claim the prize of the best. The projects were under the domain of Computer Science, Information Technology and Electronics & Telecommunication. The subdomains of the projects included Big Data, Cloud Computing, Data and Knowledge Engineering, Data mining, communication, IoT, Information Forensics and Security, Data mining, Industrial Engineering, Neural Networks and Learning System, Smart Grid, wireless Communications, Vehicular Adhoc Network and many more areas from CS, IT and E&TC.

The event was blessed was by three one of a kind Chief Guests. First Chief Guest was *Dr. Abhijat Vichare,* an independent consultant and teacher at PUCSD who specializes in Compilers and Systems Software. He enlightened us about the need to join and be a part of a student body like ACM. "The question is not about the job but it is about the career" he said. The student body encourages students to find their field of interest and prepare for it to explore the core values. It also gives student a platform to access and publish the professional material. The second Chief Guest of the day was *Dr. Rahul Kulkarni,* co-founder and Product Manager at DoNew and a ex-Googler. He inspired all the audience to think of career as a passion but not as a responsibility. His presence was truly the most sublime thing of the event. He said that today engineers need to learn the demand of the industry and shape their career accordingly. Not knowing even, the basic of coding doesn't help, but the challenge is to master the upcoming technologies and also, while doing that *being unique.* Practice every day, explore the internet. There are many great sites like Hackerrank, HackerEarth, SPOJ, Coursera, edX etc. to help you practice coding. He also told the audience that education is free but the challenge arises when most of the people don't know how to access it. Competition is increasing day by day so students need to capitalise on their strength to aspire the uniqueness within themselves. "If you are the best in Pune then you will get butchered in Bangalore, if you are good in Bangalore you will get thrashed in Silicon Valley. Always think the one step further." Rahul sir also praised the I^{2}IT IT Department for organising such an event and blessed us for the future challenges. I^{2}IT can become the best coding institute in India he said, we just need to crisp ourselves and think outside the box. *Mr. Abhishek Chandola,* CTO at DingTalk. He motivated the audience by guiding about how the future if the IT industry will turn out and how should one prepare for it. The main challenge in front of all of us is ourselves. We must beat the enemy within us who tells us you cannot do it, then you will be able to bring out the true potential within you. Don't ever lose hope. The competitions like these are really necessary because they really give each of us a taste of what our tomorrow will be. "Everyone has ability to think of an idea, but only few have ability to actually implement it".

Dr. Abhijat Vichare accepting token of appreciation from Dr. Vaishali Patil, Principal I²IT.

Dr. Rahul Kulkarni accepting token of appreciation from Prof. Manjusha Amritkar, HoD Department Of IT at I²IT.

Mr. Abhishek Chandola accepting token of appreciation from Prof. Sneha Mehta Associate Prof. Department of IT at I²IT.

IAEERAP 2018 got huge response from the students as different teams from all over the Maharashtra and even outside of the Maharashtra state participated in this project exhibition. Some of the projects included Semi-Automated Car, Mood sensor, Keystroke identifier and many more. The participants were judged in two rounds in which the key aspects of the project like the working model, implementation methodology and the uniqueness of the project idea were judged. Every project entry was an example of a excellently worked idea. All the Chief Guests examined the projects and were very impressed by their quality.

To judge these projects I²IT welcomed various panellists from different colleges of Savitribai Phule Pune University and from different IT companies as well. For round I evaluation there were total four panels. *Dr. Sonali Patil*, Associate Professor Department Of CE at PCCOE, Pune and *Mr. Pratik Saynkar*, Project Manger at TCS consisted of the first panel. Second Panel had *Dr. Manisha Bhende*, Associate Professor Department Of CE at DYPCOE, Pune and *Ms. Swati Sengar*, Sr. team Leader at Persistent Systems Pvt Ltd. These two panel had the combination of a teacher and an industry experienced person. It helped them to judge the projects based on the aspects of Course methodology and the real-time industry demands alike. Participants were put to detailed orientation of their project to judge them thoroughly. Third Panel consisted of *Ms. Deepali Choudhary*, Associate Professor Department Of CE at DYPCOE, Pune and *Prof. Santosh Javheri*, Associate Professor, Department of Computer Engineering at RSCOE, Pune. All these three panels judged the projects in the domain of Computer Science and Information Technology. For the Electronics and Telecommunication projects the fourth panel were placed. It consisted of *Prof. Deepak Raut*, Associate Professor Department Of E&TC at I²IT, Pune and *Prof. Ashok Shinde*, Associate Professor Department Of E&TC at I²IT, Pune. The way of implementation was especially important in case of E&TC

projects as the hardware is dealt with in these projects. Our fourth panel who had a huge experience in this field was the perfect fit to judge these projects.

Second round of the project exhibition competition was based on the Question and Answer i.e. Q&A round. Participants were put to intense Q&A

sessions to completely determine the competition winner. For this round two panels of special guests were organised. First panel consisted of *Mr. Mahesh Pavaskar,* Sr. Solution Engineer at Great Software Lab, Pune and *Dr. Sashikala Mishra,* HoD Department of CE at I^{2}IT, Pune. And the second panel had *Mr. Santosh Patil,* Team Lead at Harman India and *Mr. Motiram Patil,* Lead- Software Development at Renishaw Metrology System Ltd., Pune. Both of these panels separately conducted the Q&A sessions with each of the project groups and were extremely delighted with the response and enthusiasm of the students.

With a nail biting contest among the students, three winners and two consolation projects were determined out of all the participated project groups. All the panellists had a hard time deciding the clear winner. But at the end, the 2nd consolation prize was won *by Sumeet Shinde, Tanay Chaugule and Shardul Samdurkar of PICT*, Pune whereas the 1st consolation prize was claimed by *Akshay Nangare, Tushar Mistari, Vedant Rakshe and Vishvaradhya Minchanal of PICT*, Pune. 2nd Runner-Up prize of the overall competition had *Nivrutti Mahajan, Akshata Chavan, Aniket Somani and Harshali Nikam of I^{2}IT*, Pune had their name written on it. With a very close contest between the 2nd and 1st place, the 1st Runner-Up prize was claimed by *Krunaal Tavkar, Akshay Kumar, Vivek Gosavi and Roshan Ingawale of RSCOE*, Pune for their Mood Sensor project. And for the winners of the IAEERAP 2018, *Akshay Kanere and Giramalla Kullali of Annasaheb Dange COE,* Ashta, Sangli, Maharashtra were honoured for their wonderful and truly a state of the art project of Semi-Automated Car.

Winner IAEERAP 2018

1st Runner-Up IAEERAP 2018

2ⁿᵈ Runner-Up IAEERAP 2018

The event was organised by the ACM student chapter, Department of Information Technology, I^{2}IT, Pune. And was sponsored by knowledge partner MITU SKILLOLOGIES, campus connect partner DingTalk, education partner Imperial Overseas Education Consultancy and student partner KrazyBee.

 IAEERAP 2018 was team collaborated effort of all the students and teachers of ACM Student Chapter of I^{2}IT. All the students worked very hard and endlessly to conduct event such level. Each and every student gave their best to make this event a great success. Also, with students all the teachers worked untiringly, helping and guiding the students at each and every step. Truly the IAEERAP 2018 was an example of great teamwork, unparalleled determination and a beautiful execution!

TEAM IAEERAP 2018