

IEEE UP Section Events

Rajkiya Engineering College Mainpuri

Writing and Poster drawing Competetion



ABILITY is what you're capable of doing
MOTIVATION determines what you do
ATTITUDE determines how well you do it

To enhance the ability, to motivate the students & to build positive attitude in today's youth it's a great responsibility of the institutions to provide the students a stage. So in order to serve the purpose, on 18th Aug 2018, Rajkiya Engineering College, Mainpuri IEEE-WIE Student Branch affinity group organised the "Article Writing (Women Education) and Poster Making (Save Girl Child)" competitions for pre-university students. Students from higher secondary schools and secondary schools visited the campus of their district's government engineering college, Mainpuri where they gained lots of information and got best opportunity to show their ensuing talents. Students were immense creative and it was a difficult task for the jury members to choose the best among them.

In order to enhance the confidence level of the participants and to appreciate their hard work, certificates of participation were distributed to all the participant and the winners were given the emblem of IEEE as a reward.

The valedictory session of the event was addressed by Prof. Aseem Chandel students were well counselled for choosing right career for their bright future and understand their social responsibility towards humanity. Student participants also interacted with Student Branch officers and other IEEE members; who curiously solved all the queries of the students and assured them to provide such opportunities again in future.

The complete ceremony was managed by enthusiastic contribution of Student Branch volunteers under the guidance of Prof. Sachin Pachauri (IEEE-WIE Affinity Group Advisor) and with the support of faculty/staff /IEEE members of Electrical Engineering Dept.

Honourable Director of the institution Prof. B. N. Rai expressed his delight on this auspicious accession and assured to provide such platforms to all the students so that in this era of grand competition; students may get the opportunity to rise high.

Report by: Aseem Chandel, aseemchandel@ieee.org

Alibaba builds robot that talks, serves food to hotel guests. The robot features an autonomous navigation system to identify and dodge obstacles, a communications system to control elevators and facial-recognition technology.

Researchers have developed a tiny, soft robot with caterpillar-like legs that can deliver drugs inside a human body.

A functioning ₹48,000 Apple-1 computer built by Co-founders Steve Jobs and Steve Wozniak fetched around ₹2.7 crore at an auction by US-based RR Auction. This Apple-1 is one of the 60-70 remaining from the original 200 that were built in 1976 and 1977. It was restored to its original, operational state in June 2018 by Apple-1 expert, Corey Cohen.

US-based company Athena Security has developed a camera system that uses artificial intelligence (AI) and cloud technology to spot guns in a crowd with 99% accuracy.

IEEE-RASC: IEEE Robotics and Automation Society Congress



Robotics and Automation Society Chapter, IEEE Student Branch at Quantum School of Technology, Roorkee had organized a two days IEEE Robotics and Automation Society Congress during 21st and 22nd September 2018. This congress was organized for the first time in India sponsored by IEEE Robotics and Automation Society, USA.

In the inaugural session of the Congress, Prof. (Dr.) Vivek Kumar, Hon'ble Vice Chancellor, Quantum University, Prof. (Dr.) Gulshan Chauhan, Director, Quantum School of Technology, Prof. (Dr.) Rohit Kushwaha, Director, Quantum School of Business, Mr.

Raunak Gupta, Branch Counselor, IEEE Student Branch, Mrs. Jaspreet Srivastava, Faculty Advisor, W.I.E Affinity Group, Mr. Suresh Yaram, Advisor – System Architect, DXC Technology India Limited, Hyderabad, Dr. Rahul Kala, Assistant Professor, Robotics and Artificial Intelligence Laboratory, Indian Institute of Information Technology, Allahabad participated along with SB members, faculty and participants from different states of India .

At the inaugural session, Prof. (Dr.) Vivek Kumar welcomed all the dignitaries and participants. Then Mr. Raunak Gupta, SBC, highlighted on different activities organized by the IEEE student branch in the past in order to promote the research, development and volunteering opportunities among the audience. He also introduced the event as the first ever congress being organized in India. He informed that the congress would consist of different sessions including keynote addresses, presentation and discussion sessions and added that the top three presentations in each session would be awarded with cash prizes and the best five participants during each discussion session would be awarded with gifts.

Mr. Suresh Yaram, in his keynote address on “How AI/ML is helping the Insurance Industry globally and significant use cases” shared his industrial experience. Mrs. Jaspreet Srivastava presented the vote of thanks for the inaugural session.

The top three presentations during the 1st session include: “Multi-purpose Drone and local GPS using ML” by Mr. Devashish Patel and group from Ahmedabad University, Ahmedabad, “Technology and Human Brain – A Deadly Combination” by Mr. Pranav Agarwal from Rajkiya Engineering College, Mainpuri and “Impact of Automation in Automobile Industry” by Mr. Sahil Kumar from Quantum School of Technology, Roorkee.

In the second keynote by Dr. Rahul Kala on “Mobile Robotics – From School Projects to Real life”, the speaker addressed the various issues involved in the robotics such as trajectory planning, kinematics etc. Then first discussion session was organized on “Would Robots Replace Humans?” followed by another discussion session on “Artificial Intelligence – A threat or boon to the society?”

The top three presentations in the 2nd session were” “Driverless Cars” by Mr. Aman Shah from Rajkiya Engineering College, Mainpuri, “A Survey on Women in AI” by Ms. Rashmi Mishra from Quantum University, Roorkee and “Impact of Automation in Agriculture” by Mr. Parmeshwar Kr. Sah from Quantum School of Technology, Roorkee. All the competitive sessions of the day 1 were judged by Mr. Suresh Yaram and Dr. Rahul Kala.

On the day 2 of the congress, Mr. Arpit Agarwal, Deputy Manager – Didactic Initiatives, Janatics India Private Limited, Noida was the keynote speaker for the first keynote session of the day 2. He spoke on Industry 4.0 and shared his vast experience in handling the industry 4.0 projects. The first discussion session on day 2 was conducted on “Artificial Intelligence – Creating Unemployment?” followed by the last discussion session on “Self-Driving Cars – Safe or Threat?”.

The top three presentations during final presentation session were “Low Cost Futuristic Automation of Food Processing Machine” by Mr. Moyun Sherasiya and group from Marwadi Education Foundation, Rajkot, “Industrial Electrical Parameter Monitoring and Control System with AI Based Analytics and Prediction” by Mr. Bhavik Bhansali and group from Marwadi Education Foundation, Rajkot and “Plastic Bottle Crushing Machine” by Mr. Ashish Ranjan from Quantum University, Roorkee. The competitive sessions for the day 2 was judged by Mr. Arpit Agarwal and Dr. Rahul Kala.



valued member.

The valedictory session of the congress was chaired by Prof. (Dr.) G. C. Nandi, Senior Most Professor and Dean Academics, Indian Institute of Information Technology, Allahabad. Prof. (Dr.) G. C. Nandi delivered his keynote address on “Introducing Robotics in the era of Artificial Intelligence (AI) revolution”. While sharing his vast experience in the field of robotics and artificial intelligence, he highlighted on different mechanisms of robots along with the various issues involved in the practical field. He added that a day will arrive when every household work would be done by robots in a very efficient manner. He also motivated the participants for involving in IEEE and Robotics and Automation Society as the

At the end the certificates were distributed to the participants for participation and volunteers for appreciation. Mr. Raunak Gupta summarized the congress with the note that “IEEE student branch would continue to host such kind of events for dissemination of the knowledge among the peer community”.



Volunteers of RASC-2018

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Wonderful English from Around the World

In a Bangkok Temple: IT IS FORBIDDEN TO ENTER A WOMAN, EVEN A FOREIGNER, IF DRESSED AS A MAN.

Doctor's Office, Rome: SPECIALIST IN WOMEN AND OTHER DISEASES.

On the main road to Mombasa, leaving Nairobi: TAKE NOTICE: WHEN THIS SIGN IS UNDER WATER, THIS ROAD IS IMPASSABLE.

In a City restaurant: OPEN SEVEN DAYS A WEEK AND WEEKENDS.

In a Cemetery: PERSONS ARE PROHIBITED FROM PICKING FLOWERS, FROM ANY BUT THEIR OWN GRAVES.

In a Tokyo Bar: SPECIAL COCKTAILS FOR THE LADIES WITH NUTS.

In the lobby of a Moscow Hotel, across from a Russian Orthodox Monastery: YOU ARE WELCOME TO VISIT THE CEMETERY, WHERE FAMOUS RUSSIAN AND SOVIET COMPOSERS, ARTISTS, AND WRITERS ARE BURIED DAILY, EXCEPT THURSDAY.

A sign posted in Germany's Black Forest: IT IS STRICTLY FORBIDDEN ON OUR BLACK FOREST CAMPING SITE, THAT PEOPLE OF DIFFERENT SEX, FOR INSTANCE, MEN AND WOMEN, LIVE TOGETHER IN ONE TENT, UNLESS THEY ARE MARRIED WITH EACH OTHER FOR THIS PURPOSE.

Advertisement for donkey rides, Thailand: WOULD YOU LIKE TO RIDE ON YOUR OWN ASS?

Airline ticket office, Copenhagen: WE TAKE YOUR BAGS AND SEND THEM IN ALL DIRECTIONS.

And finally, the all-time classic, Seen in an Abu Dhabi Souk shop window: IF THE FRONT IS CLOSED, PLEASE ENTER MY BACKSIDE