

Report on
“Robocon National Contest 2017”,
Venue: Shiv Chhatrapati Sports Complex, Balewadi, Pune dated 2-4 March'17
Organized by Doordarshan and hosted by MIT Academy of Engineering, Pune

Submitted

by

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About Robocon

ROBOCON is an Asia-Pacific Robotics Competition organized by Asia Broadcasting Union annually with a sole objective of encouraging and promoting robotics amongst the students at the college level. The contest aims to create friendship among young people with similar interests who will lead their countries in the 21st century, as well as help advance engineering and broadcasting technologies in the region.

The event is broadcast in many countries through ABU member broadcasters. This grand event since 2005 has witnessed participation from almost every country across Asia, and India stands no exception. Sponsored and promoted by National Broadcaster Doordarshan (DD National), the best colleges and university throughout India, face off in national qualifiers so as to represent the country in the International finals held in the host country. Each year the competition has different topics, but generally speaking three or more robots must be used to complete the tasks and theme. To build the robots, contestants, who are restricted to be undergraduate students, must possess rich knowledge in programming, mechanical design and electronic circuit design.

This Year Theme: “Asobi: The Landing Disc”

The theme revolves around the word “asobi” (play), which is also a fundamental philosophy behind Robocon. In “asobi,” playful, unique, original show of skills is often more important than winning or losing, as everyone – friend and foe alike – can applaud and enjoy them.



Traditional Asobi Game in Japan

So, in the “asobi” spirit: we encourage playful, unique, original robot designs and strategies!



**G.H. Raisoni College of Engineering, Nagpur at
Robocon-2017
GHRCE Team for ROBOCON-2017 Theme: "Asobi: The Landing Disc"**

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GHRCE Robocon Team with Director and HoD's

G.H. Raison College of Engineering, Nagpur participated for the third time at ABU National Robocon 2017 held at Balewadi, Pune. A team of 34 was formed which includes 23 students and one faculty adviser/instructor Prof. Ravikumar Tiwari from the Electronics department. GHRCE Robocon Team faces a draw with Veer Surendra Sai University of Technology, Burla and VIT University, Chennai in their group. The team didn't qualify for the super league for which only 24 teams qualify. It was the third appearance of G.H. Raison College of Engineering, Nagpur at Robocon. With every year Robocon is becoming popular and the competition is getting tougher & tougher. The Director of GHRCE Dr. P.R.

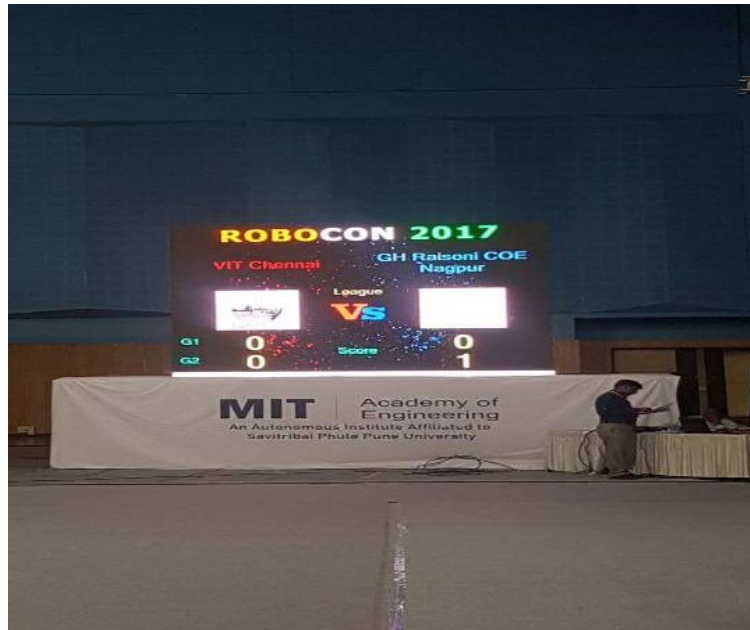
Bajaj and Head of Department, Electronics Engineering, Dr.S.S. Dorle congratulates team members and Prof.Ravikumar Tiwari for participating at such prestigious robotics competition.

Team Performance at Robocon-2017

Total 112 team participated at this year Robocon. All teams were divided into 37 group with each group having 3 team. GHRCE were in 'H' group with Veer Surendra Sai University of Technology, Burla and VIT University, Chennai. In the first match against VIT Chennai, our team scored 1 point whereas VIT Chennai couldn't score any point . In the second match against VSSUT, Burla we once again manage to score one point but VSSUT scored total 20 points. Team overall score was 2 points. Many of the top team like IIT-Hydrabad, IIT-Ropar, SVNIT and couldn't score any points and was below us in points table. This has cheer up our team moral and give us sense of satisfaction. Team has not let down on enthusiasm and has promised themselves that they will come-back next year with more powerful robots.

The final match was played between COEP, Pune and MIT, Pune. It was quite clear that COEP was going to win as they were achieving APPARE in less than 2 minutes in earlier matches. In the final COEP achieves APPARE in 1 min 23 sec to win ABU National Robocon-2017 and they will represent India in August-2017 at Tokyo for International Robocon-2017.

Glimpses



GHRCE Robocon Team

