ONE PAGE REPORT

Title of Event	:	**Wireless Robotics VAP**
Guest Faculty	:	**Mr. Vaseem Durrani**
Organization	:	**AEDIFICO Tech. Pvt. Ltd. New Delhi**
Email ID	:	**vdurrani@gmail.com**
Contact No.	:	**+91-9910025548**
Audience	:	**T.E. Electrical**
Organized by	:	**Department of Electrical Engineering**
Coordinator	:	**(1) Prof. Rohit G. Ramteke and (2) Prof. Sucheta Yadav**
Date	:	**30/07/2018 to 04/07/2018**

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Robotics is one of the branch of engineering that involves the conception, design, manufacture, and operation of robots. This field overlaps with the knowledge of electronics, electrical, mechanical, computer science, artificial intelligence, mechatronics, nanotechnology and bioengineering.
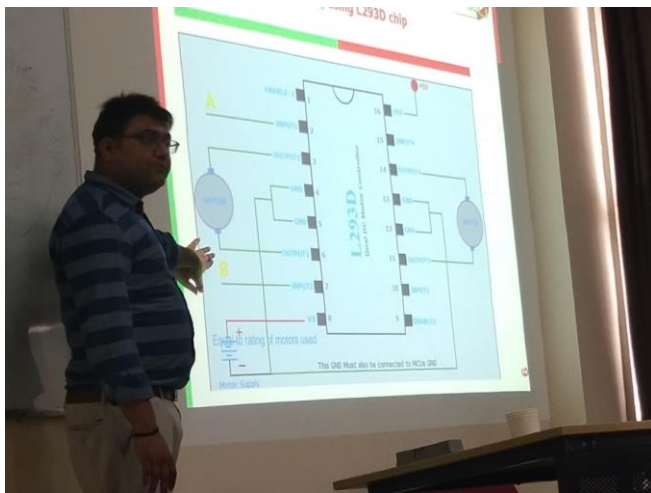

Considering above all aspects, One-week Value Addition Programme (VAP) was scheduled for **T.E. Electrical** students from 30/07/2018 to 04/07/2018. **Mr. Vaseem Durrani**, the eminent resource person was the trainer from **Aedifico Training Institute PVT. LTD. New Delhi (110092). Prof. Rohit G. Ramteke** and **Prof. Sucheta Yadav** were the VAP Coordinator.

As per the contents and scheduled discussed with **Director of Aedifico Training Institute PVT. LTD. New Delhi (110092),** the trainer from his firm taught each and every contents to students start from basics of Robotics, Atmel Studio and ISIS Software upto complex difficulty level.
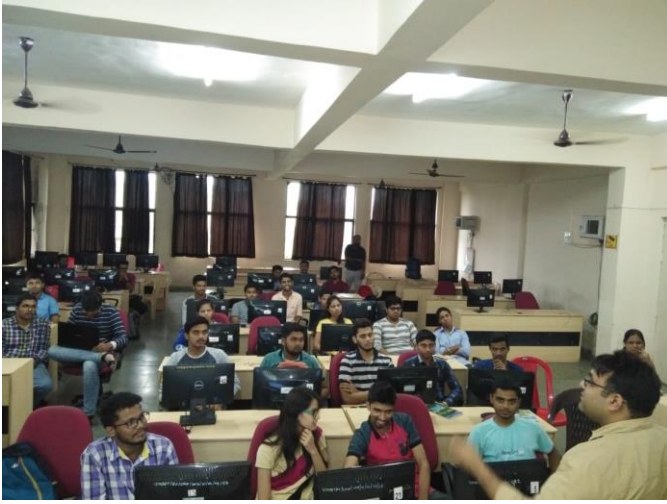
The students enjoyed all the sessions of this VAP and satisfied with this technology. Considering the difficulty level of projects and real time application based projects, all the toolboxes, variables, functions, datatypes, GPIO, software simulator, etc. were well explained by the trainer by solving each query/problems/doubts of students.

At the end of session the projects were distributed to students in groups.

In the last session of VAP hardware interfacing, robot building, execution of program in hardware, etc. were discussed with students and they run the robot by their smartphone.

Now, students are excited to work more on this technology based projects and present their project model in ViSION-2018 project exhibition.