

VESIT-AIA Competency Development Center

Academic year 2017-18

Event description:

“V.E.S. Institute of Technology (V.E.S.I.T) - Competency Development Center” by “Automation Industry Association (AIA)” regularly conducts “Integrated Automation: Basic Course” as a part of CAMPUS CONNECT INITIATIVE. This add on course gives more weightage to hands on training on the various kits specially made for this purpose as,

1. Sensors (P&F)
2. Pneumatics` (Festo)
3. Controls and Visualization (Siemens)
4. Motion Control (B & R Automation)
5. Integrated Stand-I and II

Date: 03rd July to 10th July 2017

Duration: 48 Hours course

Number of students: 04

Teaching Faculty: 10

Mr. Kader Shaikh, Mr. Vijay Shejwalkar, Mrs. Ramya T, Mrs. Rakhi Jadhav,
Mr. Abhijit Shete, Mr. Prasad Godse, Mrs. Kanchan Chavan, Mrs. Gauri Sahoo,
Mr. Ajinkya Valanjoo, Mrs. Kadambari Sharma

Event description:

Expert lecture on IIoT and Industry 4.0. Lecture was organized in VESIT auditorium and was attended by third year students of ETRX, EXTC and INST. Lecture was followed by lab visit to VESIT-AIA lab in Lab 101. This event was organized as a curtain raiser for “Integrated Automation: Basic Course” planned in Jan 2018. Jan 2018 course was however cancelled due to poor response from students.

Date: 9th January 2018

Duration: 03 Hours

Expert Faculty:

1. Mr. Prasad Raverkar, Siemens Ltd, Thane
2. Mr. Dhananjay Jadhav, Siemens Ltd, Thane

Event description:

The event consisted of two activities,

1. Review of current final year project by Mr. Sandeep Kadlak. Project implemented using AIA components.
2. Group discussion with TE (pre-final year) students for final year project engagement.

Mr. Sandeep presented a brief introduction on PLC, SCADA and HMI which was followed by detailed information regarding PLC and its applications. Several case studies were discussed with students. Focus was on the limitations and challenges faced by the customer and how the problems were solved using PLCs and other automation tools. Several application videos like ‘Solar Tracking’, ‘Home Automation’, etc were shown to the students.

Date: 6th February 2018

Duration: 2 ½ Hours

Number of participant (students): Attended by third year ETRX and INST students.

VESIT-AIA Competency Development Center

Expert Faculty:

1. Mr. Sandeep Kadlak, Siemens Ltd, Thane

Event description:

BE Project on “Plant Automation” developed by Sidhwani Kunaal, Dhaliwal Simran Kaur , Bhatla Pawan , Shendarkar Shalaka (all VESIT-AIA alumni’s) has been judged as Best BE project of 2017-18 as per final review conducted on 26, 27 March 2018. The project was carried using hardware and software systems available in VESIT-AIA Lab. The project was guided by faculty associated with VESIT-AIA and monitored by experts from AIA partnering companies.

Demo of this BE project was done by final year students to third year students interested in taking up BE Project on hardware and software systems available in VESIT-AIA Lab.

Date: 17th April 2018

Duration: 01 Hours