SARVAJANIK EDUCATION SOCIETY

SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY

Department of Electrical Engineering

A report on Seminar

"Industry 4.0 - Current Trend in Automation"

Organized by:
Department of Electrical Engineering

Speaker:
Mr. Mitesh Zatakia
Business Leader & Corporate trainer at
SSM InfoTech Solutons Pvt. Ltd.

On
11th August,2016
Co-ordinator:
Prof. Dimple T. Bhanabhagvanwala
(Assistant Professor, Electrical Department)

Faculty of Electrical Engineering organized an interactive session for the Final year Students of Electrical department on 11th August 2016. The purpose of the interaction was to make the students aware of the current trends in industry specifically **"Industry 4.0-Current Trend in Automation"**

About The Speaker:

Mr. Mitesh Zatakiya who is working as a Business Leader & Corporate trainer in SSM InfoTech, Surat. He is Electrical graduate having Certifications of Global Certified Training provider (CTP) from wonderware by Schneider Electric, CA. He has published 2 papers in International journal and Conference and provided Trainings employees of more than 15 companies like Reliance Industries, Hitachi India, Schneider Electric, L&T, TCS etc.

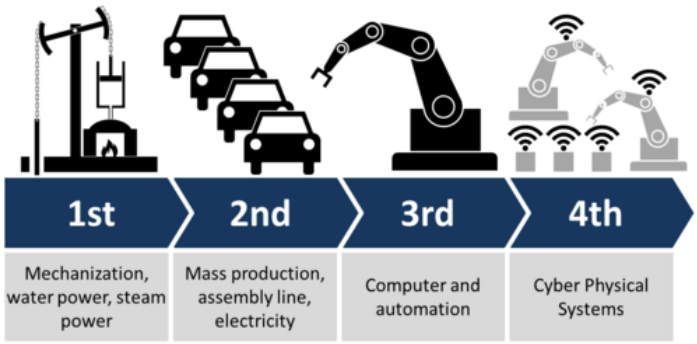
SSM InfoTech is working in field of Wonderware Software products, Automation hardware and software solutions and system integration since 2001. They are based at Surat, Gujarat and having established sales and support network at Bangalore, Mumbai, Pune, Vadodara, Jamnagar at gandhidham. They are proudly maintaining around 3750 computers, 1100 Printers, 115 Servers, 250 Workstations and 125 laptops worth contract of IT Infrastructure management of approx 1 crore.

During Interaction:

The speaker nicely explained **Industry 4.0**, with suitable examples.

Industry 4.0 or the fourth industrial revolution is the current trend of automation and data exchange in manufacturing technologies. It includes cyber-physical systems, the Internet of things and cloud computing.

Industry 4.0 creates what has been called a "smart factory". Within the modular structured smart factories, cyber-physical systems monitor physical processes, create a virtual copy of the physical world and make decentralized decisions. Over the Internet of Things, cyber-physical systems communicate and cooperate with each other and with humans in real time, and via the Internet of Services, both internal and cross-organizational services are offered and used by participants of the value chain.



Few glimpse of the session: