



Confederation of Indian Industry

CII Naoroji Godrej Centre of Manufacturing Excellence

**2nd Edition of Conference on
Advanced Mechatronics
A Precursor to Industry 4.0**

4th May 2018: Hotel Westin, Pune

Programme

0900 – 0930	Registration / Tea / Coffee
0930 – 1015	What is Industry 4.0? Why Mechatronics is so important for Future Manufacturing?
1015 – 1115	Sensor Technology What are different type of sensors? Their appropriate use? How vital they are for overall I4.0 compliance?
1115 – 1130	Tea / Coffee
1130 – 1230	Digitisation Scope & Benefits of Digitisation, what all to digitize? Digitisation and Data Capture Link, Implementation Methodology.
1230 – 1330	Lunch
1330 – 1350	Advanced PLC & its Role in Mechatronics

1350 - 1410	Computer Numerical Controls
1410 – 1510	Human Robotic Collaboration
1510– 1530	Tea / Coffee
1530– 1600	Smart Machines What constitutes a Smart Machine? Must have features on physical assets for a Smart Factory set up, Self-managed, Autonomous Decision Makers, The new smart horses.
1600 – 1630	Connected Factory – A Case Study
1630 – 1745	Panel Discussion on: Relevance of Advanced Mechatronics in Attaining Manufacturing Excellence – the way forward The Wrap up of this conference will recommend first steps for a company to take as it embarks on its journey to become a Connected Factory or embrace Industry 4.0.
1745 - 1800	Concluding Remarks