Tata Centre’s course on

END TO END INNOVATION

Coordinator
Prof. Sanjay Mahajani
Professor-in-charge, Tata Centre

July 16th to July 20th, 2018
All about THE COURSE

Aim
The course helps teachers and students understand the challenges of designing and implementing technology solutions from end to end.

Structure
It is a blend of lectures, case studies and hands-on activities in the Tata Centre Product Realisation Lab from need-finding to developing innovative products.

Audience
Faculty from the quality circle institutes of IIT Bombay.

Lab support
The facility at Tata Centre’s Product Realisation Lab and the mentoring lab staff contribute to the hands-on component of the course.

Faculty
IIT Bombay faculty members and practitioners with Tata Centre projects take the lecture sessions.
Building a Culture of Innovation
- Prof. Parag Bhargava
  (Dept. of Metallurgical Engineering & Materials Science)

Nanotechnology and Innovation
- Dr. Murali Sastry
  (CEO, IITB-Monash Research Academy)

Value Innovation and Reverse Innovation
- Prof. Arti Kalro
  (Shailesh J. Mehta School of Management)

Innovation Dyspnea
- Prof. Shishir Jha
  (Shailesh J. Mehta School of Management)

Innovation in Nutrition and Agro-food Industry
- Prof. Narendra Shah
  (Centre for Technology Alternatives for Rural Areas)

Need Finding & Innovation in Healthcare
- Prof. Santosh Noronha
  (Dept. of Chemical Engineering)

Innovation in Solar Energy
- Prof. Anil Kottantharayil
  (Dept. of Electrical Engineering)

Innovation with the Hindi language
- Prof. Malhar Kulkarni
  (Dept. of Humanities & Social Sciences)
Solar-Air Heaters & Driers, Steam Generators & Cookers
- Prof. Milind Rane
(Dept. of Mechanical Engineering)

Innovation in Energy and Waste Management
- Prof. Sanjay Mahajani
(Professor-in-charge at Tata Centre, Professor, Dept. of Chemical Engineering)

Nature borne Innovation / Design Thinking in Innovation
- Prof. Alka Hingorani
(IDC School of Design)

Intellectual Property Rights and its Management with Innovation
– Dr. Padma Satish
(Chief Technical Officer, IRCC, IIT Bombay)

Participatory Technology Development: Case studies
- Prof. Shireesh Kedare/Dr. Vijay Honkalaskar
(Dept. of Energy Science & Engineering)

Course Fees: Rs 29,500/-
*Course fees include 18% GST