ATAL FACULTY DEVELOPMENT PROGRAMME ON PRODUCT DESIGN

WHO Can APPLY ?

Faculty members of AICTE approved institutions, Research Scholars, PG Scholars, Participants from Government, Industry

HOW to APPLY?

1. Signup and Login as Participant in AICTE-ATAL Portal

Registration LINK: www.aicte-india.org/atal

2. Then GO TO "WORKSHOPS' Tab on the left side of the portal.
3. Filter: Select State="WEST BENGAL" and Select Month="DECEMBER"
4. Select Thrust Area: "DESIGN & MEDIA"
4. Find the course title: "PRODUCT DESIGN" Online Application No. 1613647261
5. Click + Tab for Registering the course

December 13-17, 2021

Coordinator
Prof. Dipankar Bose
dbose@nitttrkol.ac.in

Topics to be Covered

- Product development team
- Scoping product development
- Understanding customer needs, Establishing Product Function
- Product Teardown and Benchmarking
- Product portfolio and product architecture
- Concept Generation and Concept Selection
- Concept embodiment and.
- Modelling of Product Metrics
- Design for Manufacture and Assembly(DMFA) and Design for Environment
- Design for Affordability
- Frugal Engineering
- Analytical and Numerical Model Solutions
- Physical Prototypes, Physical Models and Experimentation
- Design for Robustness
- Mental and Emotional Development in light of FIT India Movement

Organized by
Department of Mechanical Engineering,
NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA