Two day Course
On
Efficient Product Design for Manufacture & Assembly

REGISTRATION FORM

Name: ........................................................................
Designation: ........................................................................
Institution: ........................................................................
Address for Correspondence: .............................................
Pin Code: ........................................................................
Mobile No: ........................................................................
email ID: ........................................................................

PAYMENT DETAILS
Amount: ........................................................................
DD No: ........................................................................
Date: ........................................................................
Name of the Bank & branch

Demand Draft drawn in favour of “The Director, AU- FRG Institute for CAD/CAM, Anna University, Chennai”

Date: Signature

Venue: AU FRG, ANNA University

AU-FRG Institute for CAD/CAM, a premier centre of Anna University, conducts high quality training programmes for the benefit of working engineers and engineering graduates and takes up consultancy works for Industries in the fields of CAD/CAM/CAE.

D-ESPAT PVT LTD

D-ESPAT Pvt Ltd, Chennai is associated with Boothroyd Dewhurst Inc, USA the Principals of the Design for Manufacture & Assembly (DFMA®) Methodology for their flagship software product DFMA®.

D-ESPAT provides training on the DFMA® software Sales, Support and offers consultancy. D-ESPAT conducts training programs on DFMA for academic institutions and various industrial clients from different Vertical settings including Electronic Manufacturing, Industrial equipment, assembly line equipment; automotive & aerospace sub-assemblies; consumer products and industrial devices.

Course Schedule

DAY 1:

08:30am - 09:30am Registration
09:30am - 10:30am DFMA Overview
10:30am - 11:15am DFMA Software Demo
11:15am - 11:30am Tea break
11:30am - 12:00pm DFMA Software Demo cont…
12:00pm - 1:15pm DFA Hands On
01:15pm - 2:15pm Lunch
02:15pm - 2:45pm DFA Hands On cont...
02:45pm - 3:30pm DFM Hands On
03:30pm - 3:45pm Tea break
03:45pm - 4:15pm DFM Hands On cont...
04:15pm - 4:45pm Case Studies

DAY 2:

09:00am - 10:00am Part Count Reduction
10:00am - 10:30am DFM Sheet Metal
10:30am - 11:15am DFM Machining
11:15am - 11:30am Tea break
11:30am - 12:00pm DFM Welding Assembly
12:00pm - 1:15pm DFA Guidelines
01:15pm - 2:15pm Lunch
02:15pm - 3:30pm DFMA Group Exercise
03:30pm - 3:45pm Tea break
03:45pm - 4:30pm Reporting, Exit questionnaire
04:30pm - 4:45pm Feedback & Wrap up

Accommodation

Could be arranged for outstation participants with minimum charges
ABOUT THE COURSE

Design is the first step in manufacturing, where most of the crucial decisions are made which may affect the final cost of the product. Since the mid-sixties, analysis techniques have been researched and developed. As a result of this research, in 1980, DFMA® techniques were made available to help engineers create products that are efficient to manufacture and assemble.

DFMA Methodology is developed by Dr. Geoffrey Boothroyd & Dr. Peter Dewhurst the pioneer of DFMA® principles.

R&D engineers today are constrained to produce sleek designs that are lean, robust, simple to assemble and easy to manufacture. To remain competitive, they are facing the need to make decisions to optimize /economize the design of equipment be it, Mechanical, Electrical or Electronic. Product Design Review can be done using DFMA® software to shorten the overall design to manufacture cycle time. Early Manufacturing Analysis tools help one to understand the functionalities of various inter-dependent parts /components of the design so that some can be eliminated or combined with other parts

Resource Person

Faculty members from Premier academic institutions and business establishments will deliver lecture and provide hands-on training

CONTACT

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REGISTRATION FEE

U.G/P.G Students & Research Scholars: Rs.1000/-
Faculty Members: Rs.2000/-
Industry: Rs.4000/-

Maximum No of Attendees restricted to 50
Registration on First come First Serve basis

IMPORTANT DATES

Last date of registration: 28th March 2016

Registration charges include workshop materials, lunch and tea. Participants are requested to send their filled in registration form

WHO SHOULD ATTEND

- Students pursuing Masters Programme in Engineering Design, CAD/CAM, CAD, CIM, PDD & Production. Faculty & Research Scholars.
- Faculty members to update their knowledge on approach of DFMA for research/ projects/ consultancy.
- Industry participants.

Two Day Course on Efficient Product Design for Manufacture & Assembly

1 & 2 April, 2016

Organized by

AU FRG INSTITUTE FOR CAD/CAM
Dept of Mechanical Engineering
ANNA UNIVERSITY, CHENNAI.

In Association with

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