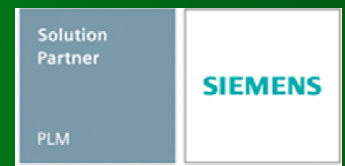


Are you sure your design works ???

How do you assess, assure, and validate your designs?



Seminar on Design Validation Using Nx Nastran (easier-faster-reliable)



Thermal * Flow * Stress * Vibration * Transient Dynamics * Durability

No Registration
Fees

24th June 2011, PUNE
(4th Floor, MCCIA Trade Towers, Senapathi Bapat Road)

- Design validation by FEM / CFD/ Simulation and analysis is a very important step in the product design process
- **Nx** from **Siemens PLM** offers unique platforms to conduct the CAD / CAE / FEM / CFD / Durability and all CAx activities in one common environment.

ProSIM R&D and Siemens PLM present a seminar giving a overview of Design Validation Processes. The seminar covers:

- ◇ Introduction to Nx Platform, Synchronous technology
- ◇ Thermal and Flow Analysis – coupled thermal flow analysis
- ◇ Vibration Analysis – Modal / Transient Dynamics / Correlation
- ◇ Stress analysis (linear / Non-linear/ Static / Dynamic)
- ◇ Case studies
- ◇ How to take care of modelling issues to eliminate errors

Tentative Schedule:

- 09.30 Registration
- 10.00 Introduction of Siemens and ProSIM,
- 10.30 Introduction to Thermal and flow Analysis using Nx Nastran and case studies
- 11.30 TEA
- 12.00 Case studies of thermal flow including advanced thermal and flow using Nx Nastran
- 13.00 Discussions
- 13.30 LUNCH
- 14.30 Introduction to Stress Analysis using Nx Nastran
- 15.00 Introduction to vibration analysis
- 15.30 Case studies of stress and vibration analysis
- 15.45 TEA
- 16.00 Durability and Optimisation
- 16.30 Discussions – participants problem identification, methodology to solve

NOTE:

- Participants are encouraged to bring their problems of interest to be analysed using FEM to discuss with the experts.
- Participants can attend the full day session or only morning session (thermal and flow) or afternoon stress and vibration) sessions
- There is no registration fee. But prior registration is mandatory before 22nd June evening. Confirm to **Ms. Kusuma** , Email: kusuma.narayan@pro-sim.com, Mobile: +91 9972304445, Phone: +91 80 23323020, Fax: +91 80 23323304,