



**Locations:**

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**Advanced LS-PrePost**

**Instructor:** Amit Nair, Q. Yan, and Philip Ho.

- 2 Days - \$400      Students \$200 w/student ID
- Includes on site continental breakfasts, lunches, breaks,
- Includes 30-day LS-DYNA demo license to practice

**Prerequisite:** Basic knowledge of LS-PrePost.  
Knowledge of LS-DYNA is required.

**Description:** This 2 Day course discusses advanced features in LS-PrePost. Topics covered will help in getting accustomed to capabilities like Geometry manipulation, Meshing, LS-DYNA Entity creation, advanced post processing.

**Course Outline**

- Geometry
  - Entities creation
  - Healing
  - Simplification
  - Mid Surface from Solids
- Meshing
  - Simple object meshing
  - Shell surface meshing
  - Solid meshing
  - Sweeping, dragging, offset.
  - Element generation by transform, translate, reflect, etc.
- FEM
  - LS-DYNA entity creation (CNRB, Joints, rigid walls, etc.)
  - Particle (SPH, DES) creation
  - LS-DYNA Keyword manager
  - Part travel, Part replace, trimming
  - Spotweld creation
  - Morphing
  - Result mapping
  - Composite material creation
  - Model Checking
- Post-processing
  - Fringing
  - Vector plots
  - New XY-plot interface
  - Overlay states
  - Chain Models
  - Features of Follow/Trace
  - Features of Section Cut
- Utilities
  - Measuring tool
  - Section cutting
  - Part Information
  - Color/transparency/Lights
  - Command files, Macros and SCL
  - D3HSP view
  - LS-RUN
  - Setting and Configuration
  - Crvgen
  - LSPP Settings

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