



**BETA**

## **School for Simulation**

**Follow the path of the leading specialists  
by building up your  
ANSA / EPILYSIS / META expertise**



# Master the ANSA / EPILYSIS / META software suite

## Program info:

Level: Basic & Intermediate

Duration: 2 months

Course fee: upon request

Language: English

Venue: BETA CAE Systems India Pvt. Ltd., Offices

**Job placement available**

## Program description

This training program will introduce you to the required steps, to carry out a simulation by employing the BETA CAE Systems software suite. You will master the tools and processes for advanced modeling with the ANSA pre-processor, and run your model with the EPILYSIS solver. You will also learn how to study in detail your results and generate comprehensive reports, almost automatically, with the META post-processor.

### Who should attend

Mechanical/Automotive Engineers who would like to pursue a career in Computer Aided Engineering [CAE].

### Covered topics

ANSA:

- Geometry clean up
- Middle surface extraction for sheet metal & plastics
- Manual and batch (auto) surface mesh generation
- Volume mesh generation for casted parts
- Connections and deck preparation

EPILYSIS:

- Solving a basic model using EPILYSIS [linear static & modal]

META:

- Animating and managing field data
- Report output

To complete this training, participants will have the opportunity to put the obtained knowledge into practice through a project.

### Program objectives

Upon course completion, participants will become familiar with the ANSA, EPILYSIS & META software suite, and able to accomplish the essential steps needed to deliver a ready to run assembly for structural analysis applications, and also follow the necessary steps for post-processing results and creating reports.

### Why join this training program

Expert users in our software are sought after by Original Equipment Manufacturers (OEM) and Engineering Service Providers (ESP) companies. They play an important role in product development, process improvement, analyses, and optimization studies.

The BETA CAE Systems software suite is a leading solution in the industry and offers a complete platform for the experts in the field.

### Prerequisites

Participants should have an engineering background. Basic knowledge of FEA is necessary.

**Contact us today at:**  
events@beta-cae.in

BETA CAE Systems India Pvt. Ltd.  
email: info@beta-cae.in  
www.beta-cae.com



**Bangalore Office**  
9/1, Tejas Arcade  
1<sup>st</sup> Main Road Dr Rajkumar Rd  
Rajaji Nagar, Bengaluru  
Karnataka 560010, India  
Tel: +91 80 300 93 481

**Pune Office**  
Vascon Platinum Square,  
Unit 202 Nagar Road,  
Sakore Nagar, Viman Nagar  
Pune-411014  
Tel: +91 20 671 44 400

**Chennai Office**  
Rattha Tek Meadows  
Tower B, 3rd Floor, No:51  
Rajiv Gandhi Salai (OMR),  
Sholinganallur, Chennai – 600119  
Tel: +91 80 664 93 400

**Hyderabad Office**  
No 116, DBS House,  
Sappu Bagh Apartment Jogani,  
Ramgopalpet, S. P. Road Secunderabad,  
Telangana, India-500003  
Tel: +91 40 683 76 400