DISENOSYS

Design your Destiny!

Who are we?

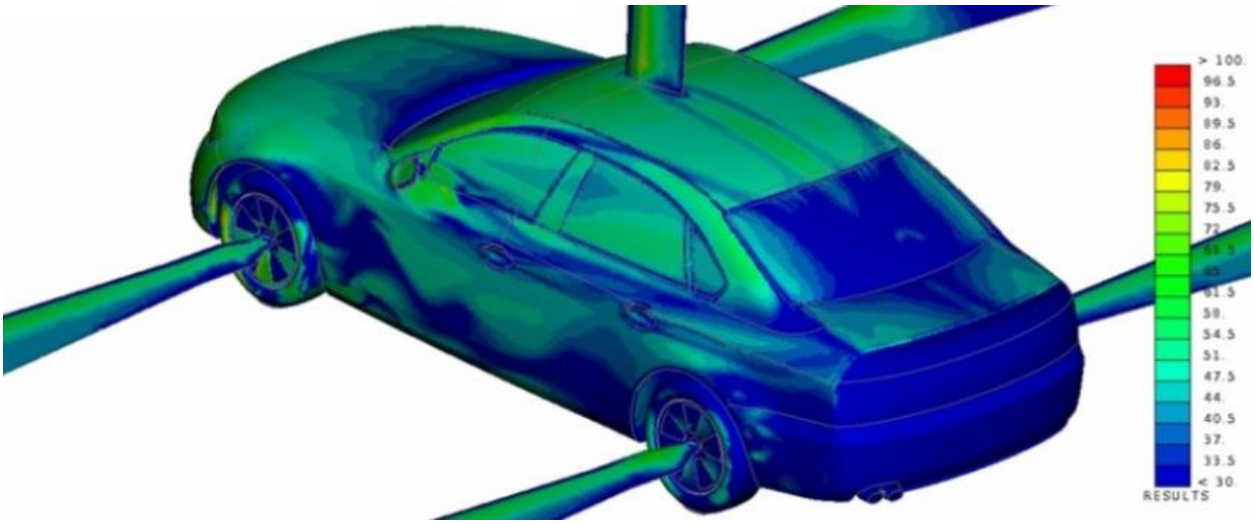
Mission: Imparting Practical Domain knowledge to Mechanical Engineering Graduates and Automotive enthusiasts by our seasoned industry experts. Empowering our students to become an expert in the domain of their choice.

3,00,000 mechanical engineers graduate every year in India and only a few get into core companies. Mechanical engineers find it difficult to get employed in the industry due to their sole focus on learning the design software, without proper domain knowledge. We Disenosys, are working to bridge this skill gap between students and the industry requirements. We

have a team of industry experts, with over a decade of experience who empower our students to land their dream jobs. We connect to our students from all the corners of the world through live, interactive and virtual classrooms.

Disenosys is bootstrapped by Praveen Kumar, who has worked with many multinational OEMs like Ford, Daimler, Ashok Leyland. Together as a team, we are constantly working to provide Automotive industrial domain training to young and aspiring design engineers around the globe.

Our students are our Hope. We are dedicated to making their dreams into reality.



ANSA Pre-processor

What is ANSA Pre-processor?

ANSA is a computer-aided engineering tool for Finite Element Analysis and CFD Analysis widely used in the automotive industry. It is developed by BETA CAE Systems. The software is distributed worldwide by a number of BETA CAE Systems subsidiaries and business agents. In the United States, it is distributed by Beta CAE Systems, USA, based in Farmington Hills, Michigan.

ANSA maintains the association between CAD geometry and the FE mesh. This means that the FE meshes are better representations of their geometric parents. Also, it is easy to maintain and update any changes in the geometry by simply reworking the updated area instead of recreating the FE from scratch.

It carries several proprietary algorithms for meshing suitable for both CFD and structural models. ANSA was initially standing for 'Automatic net generation for structural analysis', but the software has gone beyond that very quickly.

Who can take this course?

- 3rd and Final year B.E/BTech students in Mechanical/Automobile and Aerospace discipline
- MTech students in Mechanical/Automobile and Aerospace discipline.
- Working professionals who are looking for better job opportunities in CAD, CAM, CAE, Auto Cad, Autodesk Domain.
- Automotive enthusiasts.

Why should I take the Ansa Pre processor Course with Disenosys?

Top benefits of Ansa Pre-processor course:

- You will learn Geometry Cleaning, Meshing, Parameter set, NVH conncetions and Morphing in Ansa Pre-processor tool.
- Using ANSA's responsive graphical user interface, you will be creating a mesh meeting all requirements for each analysis type.
- **You should be able to mesh/model components independently by the end of this course.**
- Get trained by seasoned industry **experts working in OEMs**.
- We help **in building your resume** after completion of the course.
- Get a **course completion certificate** from Disenosys.
- **Mock interviews** will be conducted after completion of the course, to clear Industrial Technical rounds for placement.
- Excellent performers will be **referred to top OEMs** through our internal contacts.
- Stand out among your peers in getting selected as **CAE Engineer.**
- **Industry-oriented projects** at the end of the course which will add value in your interviews.

OUR TRAINERS

Our team comprises of design experts, working in top OEMs around the globe. We stand apart from others with the quality we deliver to our students. Our seasoned industry experts impart their knowledge for the betterment of the future generation.

Course Duration

- **2 Months Live, Online and Interactive Sessions.**

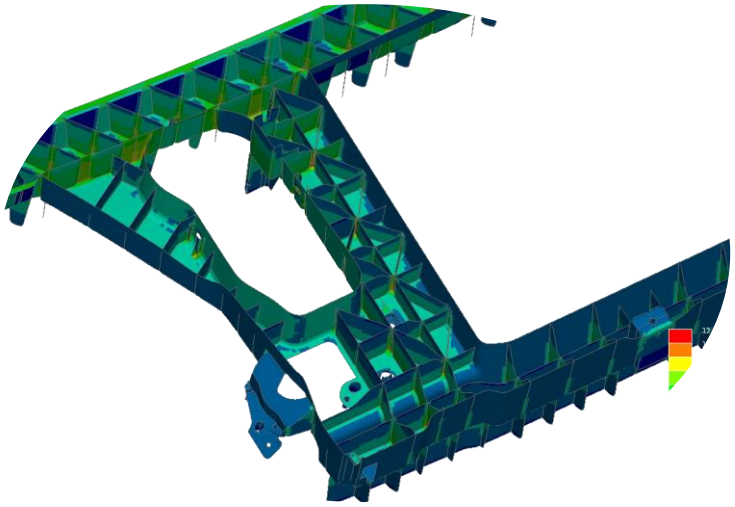
Certification

- **A digital certificate will be provided by Disenosys after successful completion of the course.**

Course Curriculum

Geometry Cleaning

- Hot Points
- Cons
- Faces
- Surfaces
- Curves
- Points



Parameter Set

- Mesh Parameters

Meshing

- Hot Points
- Perimeters
- Macros
- Grids
- Mesh Generation
- Shell Mesh
- Elements

Batch Mesh

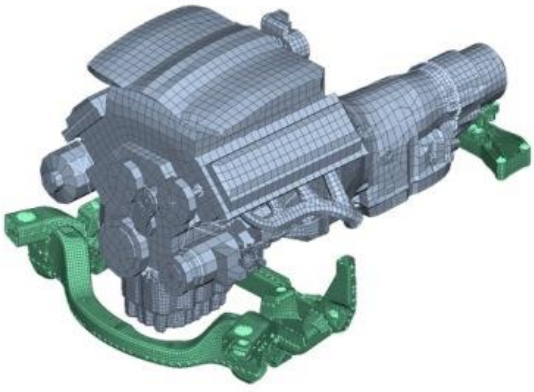
- Batch Mesh Settings

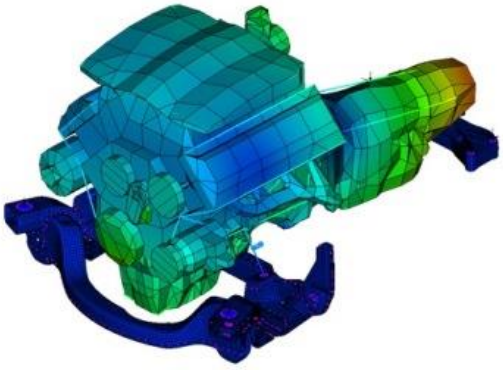
NVH/DURABILITY/SAFETY Connections

- Spot welds
- Seam welds
- Adhesive

Morphing

- Control points
- Boxes
- Edges
- Box Morphing
- Direct Morphing





CERTIFICATE

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