

EDS Technologies brings to students of MSRIT training in the world-wide used PLM tool CATIA V5

EDS Technologies (www.edstechnologies.com) a **Certified PLM Education Partner** of **Dassault Systèmes, France**, with over 14 years of experience in supplying PLM tools to **about 700 companies** in the Manufacturing and Engineering Services industry, and training design engineers on these PLM tools, now brings its training expertise to Mechanical / Aeronautical / Automobile Engineering students to make them **more employable and productive from day one**.

Some key customers of EDS Technologies:

Automotive:

Hero Honda
Force Motors
Hyundai
Lucas TVS
HONDA SIEL
Brakes India
TATA Motors
Renault-Nissan

Aerospace:

HAL
ADA
NAL
Safran Aerospace

Industrial Equipments:

L & T
International Tractors
Bharat Fritz Werner
BEL

Education:

IIT Powai
PSG College of Technology
IIT Kanpur
IIT Delhi

Engineering Service Providers:

Infotech
EDAG
Satyam
Quest

EDS Technologies' offer to **MSRIT** students

EDS Technologies is pleased to offer to engineering students of **MSRIT** a basic **CATIA V5 Designer** course that would:

1. supplement their curriculum and impart skills that would make them industry-ready, not just theory-based knowledge
2. make them skilled in the most widely used PLM tool in the manufacturing and engineering services industry: **CATIA**
3. give them an edge over other Mech. Engg. students at the time of recruitment by companies in the automotive, aerospace, and engineering services domain, **including the 700 clients that EDST has.**

The course would last about two weeks in the vacation, so it does not interfere with your studies and also does not use up much of your vacation.

Tentative start date: **Monday July 13, Monday through Friday, 9.00 am – 1.30 pm** . Students can do additional lab practice on Saturdays (July 18th and 25th) 9.00 am – 1.00 pm.

After completion of this course students can avail of **20 hours' additional practice on CATIA free**, at any **EDST** centre: Bangalore (Jayanagar 4th Block), Pune (opp. F.C. College), Chennai (P.H. Road), Hyderabad (Punjagutta), Coimbatore (PSG campus).

For more technical clarification regarding the course, please contact:

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Course contents

CATIA Version 5 R18	CATIA V5 Designer Course
Method	Theory & Hands-on
Training Material References	One hard-copy per participant
Objectives	<p>At the end of the training the participants will have :</p> <ul style="list-style-type: none"> - Understanding of CATIA V5 interface and application of commands for the following modules <ul style="list-style-type: none"> ▪ Sketcher ▪ Part Design ▪ Assembly Design ▪ Drafting ▪ Generative Shape Design - Learn hands on training for Automotive and Aerospace applications.
Participants' Profile	Mechanical / Aeronautical / Automobile Engineering Students
Prerequisites	New Users
Content	<p>Introduction to CATIA V5 <u>Sketcher & Part Design</u> Profile Creation Basic Features Additional Features Dress-Up Features Reusing Data Finalizing Design Intent <u>Assembly Design</u> Managing Parts & Applying Constraints Saving Assembly Files Managing Product Structure Design in Context <u>Drafting</u> Use of ISO Standards Creation of Sheets, Title block Views Creation Dimensioning and Annotations</p>

	<p><u>Generative Shape Design</u> Introduction to Surface Design Creating Wire frame Geometry reference wire frame elements create simple surfaces Surface Operation</p>
Hands-on	<p>Important case studies and practice models discussed during Training</p> <p>Automotive</p> <ul style="list-style-type: none"> • Front Suspension System Assembly • Door Assembly • Body In White • Car door panel • Chassis Section • Wheel assembly <p>Aerospace</p> <ul style="list-style-type: none"> • Turbine Blade Design • Airframes Design
Assessment	Theory and practical test conducted at the end of each module.