IMPART KNOWLEDGE

Prepare your students

CATIA V5 for Academics..

If you stop and take a look around, CATIA is everywhere. CATIA is in the plane that just flew over, the car that just went by silently, the phone you just answered, and the bottle of water that you just finished ..!

CATIA is the leading software solution used to develop a broad range of products across the world. It is used to design, simulate, analyze, and manufacture products in a variety of industries including aerospace, automotive, consumer goods, and industrial machinery, just to name a few.
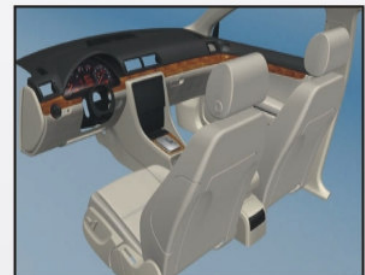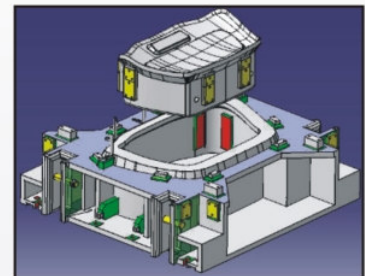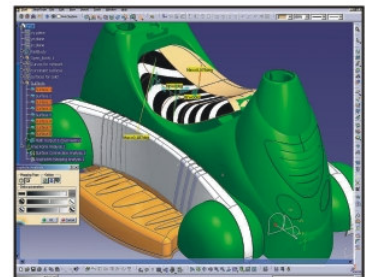
In India more than 80% of Automotive & Aerospace OEMs and their suppliers use CATIA to design and collaborate seamlessly to enable product innovation and get products faster to market.

CATIA is increasingly chosen as the primary 3D design system by many companies across varied industry segments. There is an increase in demand for CATIA design professionals across all industry segments in India. Independent training centers and institutes are unable to meet and deliver skilled professionals required by manufacturing companies in the country.

EDS Technologies, India's largest PLM and Visual Simulation solution provider will help you position your premier institute / college to meet the large scope of employment opportunities while creating a rich and interactive learning experience for both students and professors.

Equip your students with the most versatile design tool that is applied in a multitude of industries.

for the best jobs in engineering

EDS Technologies is an education partner of Dassault Systemes.

Get Started !

To help and prepare your students for their career, we have packaged our PLM portfolio ready to be included in your courseware and establish a leading edge CAD curriculum. Our portfolio will enable you to train tomorrow's workforce on the most advance technology available today.

PLM SOLUTIONS PORTFOLIO for Academics

CATIA	-	For product design
SIMULIA	-	For engineering analysis
ENOVIA SmarTeam	-	For engineering collaboration
SolidCAST	-	For casting process simulation
VAMOS	-	For parametric driven die design

CATIA Portfolio for Academics

5691-ED2 : Education Configuration
5691-DIC : Discover Configuration

- CATIA has been re-packaged for academics (ie. ED2 & DIC)
- These configurations are packed with the complete suite of CATIA V5 domains that include 117 products

CATIA EDUCATION 2 configuration for Academia (ED2)

- The complete CAD/CAM/CAE platform for the entire university / college or institute
- Packaged with 117 products under 7 domains

Categories / Domains (5691-ED2)	No of Products
Mechanical Design	19
Shape Design & Styling	16
Product Synthesis	25
Equipment & Systems Engineering	27
Analysis	6
Machining	13
Infrastructure	11

CATIA DISCOVER CONFIGURATION for Academia (DIC)

- A start up toolkit for your CAD Lab
- Contains 26 products under 7 domains
- Cost effective and can be deployed for the entire lab

Categories / Domains (5691-DIC)	No of Products
Mechanical Design	8
Shape Design & Styling	7
Product Synthesis	2
Equipment & Systems Engineering	1
Analysis	1
Machining	4
Infrastructure	3

Maximize your teaching opportunities with the most complete and scalable PLM system

For more information on CATIA Education packs and price please contact marketing@edstechnologies.com

www.edstechnologies.com

Engineering Collaboration - ENOVIA SmarTeam

PLM is the most innovative filed of competency today and it offers a revolutionary solution to designing, analyzing, manufacturing and servicing products, while profoundly transforming industrial processes and businesses. Engineering students want to be able to express their talent and find the job of their dreams.

SmarTeam Educational Configuration helps students to develop PLM skills in order to be prepared for the PLM job market and be able to access the best and largest employment opportunities in the engineering field

ENOVIA SmarTeam

- Best-in-class CAD integrations for CATIA, SolidWorks, AutoDesk Inventor, Solid Edge and Pro/Engineer
- Contains 17 modules for data management Editor, BOM, Workflow, CAD Integration, Program Management, Supply Chain etc.
- Improves accuracy, data consistency and configuration control for effective and fast reuse of existing data

ENOVIA SmarTeam Configration		
SmarTeam	-	Editor
SmarTeam	-	CATIA Integration
SmarTeam	-	Foundation
SmarTeam	-	CAD Integrators
SmarTeam	-	BOM
SmarTeam	-	Navigator
SmarTeam	-	Workflow
SmarTeam	-	Community Workspace
SmarTeam	-	Job Server

Finite Element Analysis Portfolio - SIMULIA

SIMULIA FEA suite helps academicians turn their student's skills into engineering jobs of their dreams. It has been adopted by many major corporations across all engineering disciplines as an integral part of their design process. In India, companies like General Motors, Tata Consultancy Services, Robert Bosch, Mahindra & Mahindra, etc have expected candidates to be familiar with Abaqus.

The SIMULIA Education Packages include the core products, ideal for students and ready to be included into your courseware. It's the most cost effective tool for introducing students to the benefits of robust FEA. SIMULIA Edition Packages include:

- Abaqus/Standard: to solve traditional implicit finite element analyses, such as static, dynamics & thermal
- Abaqus/Explicit: focused on transient dynamics and quasi-static analyses using an explicit approach
- Abaqus/CAE: provides for parametric, feature-based modeling, analysis monitoring, and results evaluation ABAQUS Education Packages
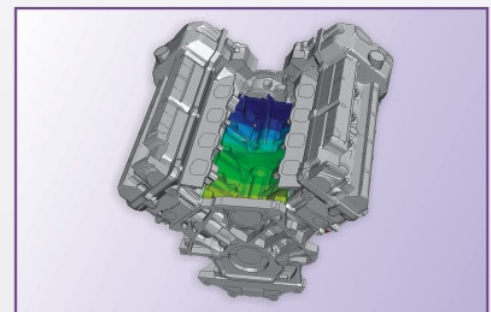
ABAQUS Education Packages

Research Edition : A powerful, unlimited node FEA tool for Professors and PhD students to conduct state of the art research.

Expanded Teaching : Designed for class room instructions, it is the ideal package for introducing the world of FEA to the students. Limited to 1,00,000 nodes.

Teaching Edition : Developed as an entry level FEA package, with a 20,000 node limitation.

Universities like Harvard, Purdue, calTech, Carnegie Melon, IITs, and NITs are using Abaqus.

For more information on ABAQUS Education packs and price,
Call+91 99455 05415 or write to us at arketing@edstechnologies.com
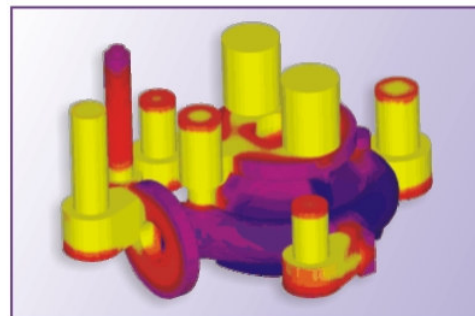
Casting process simulation

Over 600 companies and schools worldwide use Casting Simulation Solutions from Finite Solutions Inc (SOLIDCast, FLOWCast, OPTICast). These tools helps foundries and metallurgy departments to design, visualize, simulate and optimize the entire casting process before making molds and pattern equipments.

- SOLIDcast helps to visualize how the casting will solidify before making pattern equipments and dies.
- FLOWCast will predict and minimize flow-related defects such as misruns due to premature solidification, or oxide formation or mold erosion due to excessive velocities during filling.
- OPTICast runs simulation of the casting process, automatically varying the design until the optimum configuration is reached.

For more information on Casting process simulation education pack please contact on +91 99455 05415 or write to us at marketing@edstechnologies.com
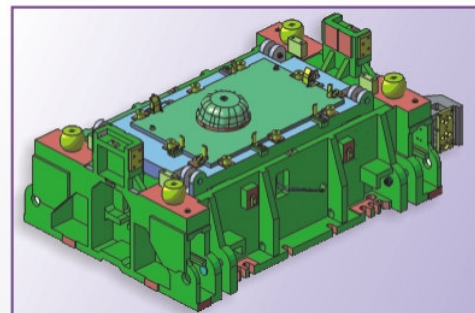
Parametric driven die design - VAMOS

VAMOS from T-systems has been developed under the V5 software community program by Dassault Systemes. A CAA V5 application system which is completely integrated in CATIA V5; it is an ideal solution for the process chain of die design.

- VAMOS is a die design development tool used with the CATIA software suite which can help the tool and die design department.

- VAMOS helps you create pre configured components viz dies, cams, standard parts and working units such as steels, buttons and punches.

- VAMOS is available in two modules one for the Conventional die design and the other for Progressive die design.

- With VAMOS the designer is able to concentrate his know how completely on the definition of the numerical, geometrical or topological parameters.

An ideal solution for tool/die production courseware.

For more details about VAMOS education pack configuration and price please contact on +91 9900107425 or write to us at marketing@edstechnologies.com.

Employment Opportunities.

EDS Technologies with its vast market knowledge and coverage along with 800+ customers can help your placement cell in getting your students placed in their industry of choice.

EDS Technologies with its dedicated team brings in the most complete academic portfolio for major engineering disciplines with world class technical support and consultancy. For more details about our academic offerings please contact our regional offices.