

# IDE - THE KNOWLEDGE HUB

Integrated Design & Engineering



## IDE - PILLARS

### **Knowledge**

Learning's from Experience

### **Innovate**

Applying the Knowledge

### **Lead**

Driving the Innovations

## IDE - PROCESSES

Bench Marking

Concept Development

System Integration & Packaging

Detailed Design & Development

Design Validation & Optimization

Reverse Engineering & Prototyping

Tool Engineering and Development

BRIGHT AUTOPLAST has introduced a working process , named Integrated Design & Engineering (IDE) to become the centre of design, engineering & Validation activities

Acquired and enhanced knowledge of automotive systems in association with OEM's, raw material & equipment manufacturers .

State of art Design, engineering & validation capabilities with latest software & hardware platform, validation facilities.

## PRODUCT DEVELOPMENTS / INNOVATIONS

### Exteriors

Bumper & add-ons  
 Radiator Grill  
 Roof Spoiler  
 Fender trims  
 Claddings  
 Foot steps  
 Scoop Bezel

### Interiors

IP & Hang On  
 Centre Console  
 Pillar trims  
 Rear Trims  
 Utility Box  
 Grab Handles  
 Seat cover



### Under the Hood

Intercooler Seals  
 Engine Hood  
 Radiator housing  
 Air ducts  
 Reservoir tanks

### Latest Innovations

Plastic Roof Rails  
 Plastic Fuel Tanks  
 Cold Forging of Plastics

## PLATFORMS

Software	Hardware
Catia V R18	12 Workstations
Uni Graphics	
Pro E	
Mold Flow	
Auto Cad	

Manufacturing Location

Association with various Engineering , Validation agencies.