

# SIEMENS

www.siemens.com

- Global leader in Engineering and Technology : Headquartered in Plano (Texas) US
- Siemens PLM Software works collaboratively with over 140000 customers across 190 countries worldwide and has deployed over 15 million licenses
- 348000 employees worldwide
- 170 years old association with India : dates back to 1867 when it laid the first telegraph line linking Britain and India
- Over 21 manufacturing plants in India
- An Integrated technology company with business activities across Energy, Healthcare, Industry, Infrastructure & Smart Cities

50%+

Of the Fortune 100 Companies across the World use Siemens PLM Software

68%+

Global 500 companies use Siemens PLM Software among Siemens Target Markets.

80%+

Companies in automotive, Aerospace, machinery and other high Technology areas use Siemens PLM Software

48%+

Of world's 3D data is created and managed using Siemens PLM Software.

North India's best emerging & progressive university -

Fully residential campus at Mohali (Chandigarh) -

23000 campus placements -

35000 full time students learning through new age programs -

Industry oriented education -

Student information care and counseling cell -

Choice based flexible learning system -

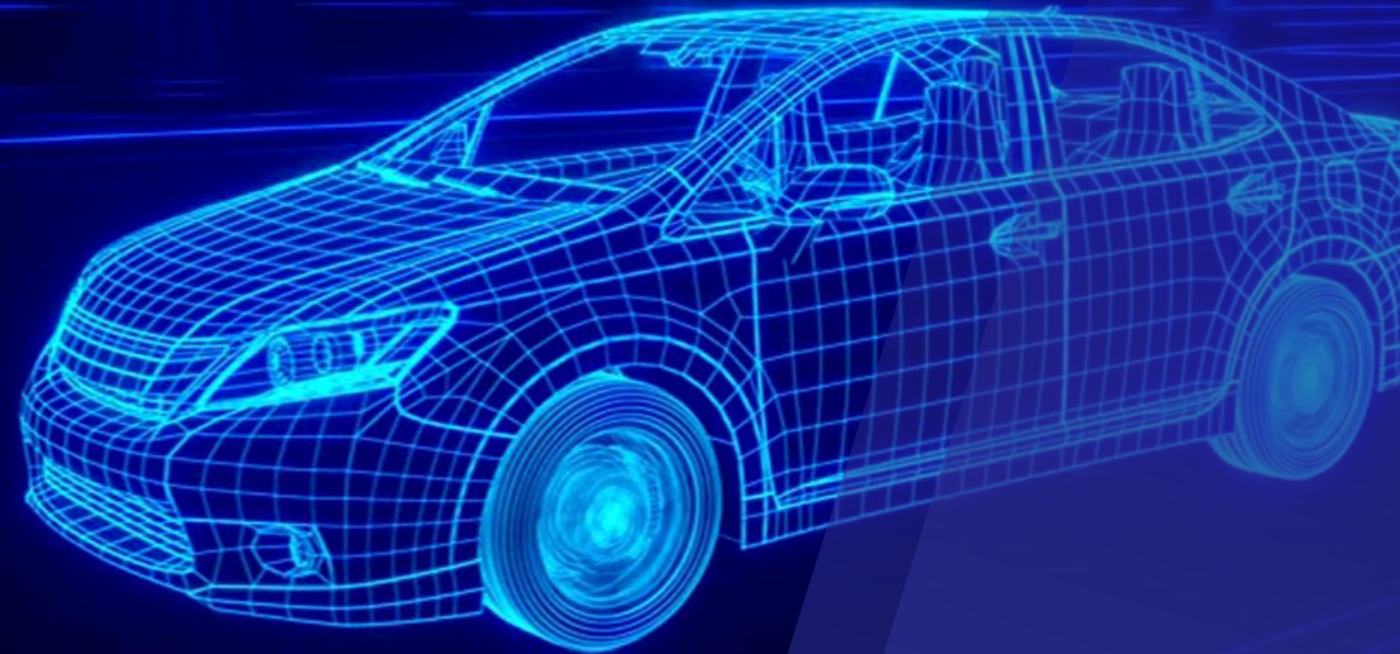
Choice based credit system (CBCS) -



**RAYAT-BAHRA UNIVERSITY**

www.rayatbahrauniversity.edu.in

Be a **FUTURE READY MECHANICAL ENGINEER** powered by **TECHNOLOGY, INDUSTRY** and **ACADEMIA** collaborating to create **NEW AGE PROFESSIONALS** with **REAL WORLD SKILLS** and a **COMPETITIVE EDGE**



**PROGRAM DESIGNED BY THE INDUSTRY FOR THE INDUSTRY**



**INTRODUCING INDUSTRY LINKED MECHANICAL ENGINEERING PROGRAM**

**B.Tech** Mechanical Engineering with Specialisation in Design and Development in Association with **SIEMENS**



INDUSTRY PARTNERS



Polaris Softech  
Technology. Possibilities. Future



Rayat Bahra University  
V.P.O. Sahauran, Tehsil Kharar,  
Distt. Mohali, Punjab, INDIA - 140104  
☎ +91-8054603707, +91-9780040777  
✉ admin@polarissofttech.com  
🌐 www.rayatbahrauniversity.edu.in

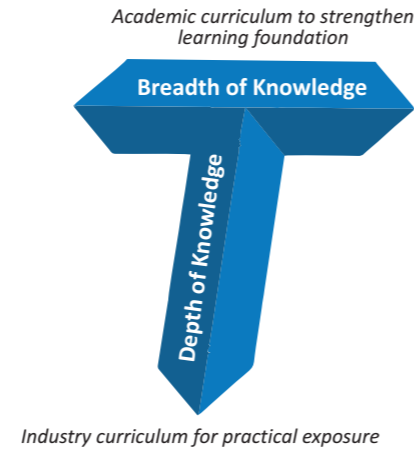


**RAYAT-BAHRA UNIVERSITY**

**SIEMENS**  
Ingenuity for life

## PROGRAM STRENGTHS:

- First of its kind, 4-year integrated **Industry Academic Partnership Program**
- Fully Residential Program for an **engaged learning experience**
- Academic curriculum to equip the students with engineering fundamentals and practical exposure on Siemens technologies to create **Industry ready engineers**
- Siemens certification: **Global currency to a great career**
- Industry guest Lectures and Project work: **On Job Training**
- Focus on personality development and communication skills: **Comprehensive carrier readiness plan**




## PROGRAM DELIVERABLES:

This is a 4 year integrated program and at the end of the term students will graduate as B.Tech Mechanical with specialization in Design and Development.



Mechanical engineering is the discipline that applies engineering, physics, and materials science principles to design, analyze, manufacture, and maintain mechanical systems. It is one of the oldest and broadest of the engineering disciplines and is widely recognized as the evergreen branch among all the other branches of engineering.

 B. Tech Mechanical Engineering degree will help the students build a strong engineering base for opportunities across industry segments.

**100 MILLION**  
'Make in India' initiative to create 100 million jobs by 2022

**347 MILLION**  
Industry requires 347 million technically skilled manpower over the next 10 years for sustaining it's growth

Design and Development engineers research and develop ideas for new products and systems as well as improving the existing products and systems. With increasing complexity of products and their development process and with the need of design collaboration, Industry extensively relies on 3D software tools and technologies to deliver greater innovation and higher quality at lower costs.

 The Design and Development certification will equip the students with the desired skills on Siemens NX product design software suite to meet the ever increasing industry demand, thereby giving a jump start to their career advancement.

## PROGRAM OBJECTIVES:

The main objective of the program is to acquaint the students with solid understanding of the Mechanical engineering concepts as well as practical knowledge from conceptualization to design and development of new products using sophisticated tools and technologies from Siemens.

Students will learn at the Siemens PLM Learning center located at the university campus through practical and industry driven projects, under the mentorship of industry experts and certified faculty.

## PROGRAM SCOPE:

The Scope of the program is to equip the students with career opportunities across industries where products are being conceptualized, designed and developed



Opportunity to work for over 71,000 organizations that use Siemens technology platform

## PROGRAM DESIGN:

Scientifically designed, modular and Industry-ready training content that facilitates Learning in simulated environment with practice in live environment.

