



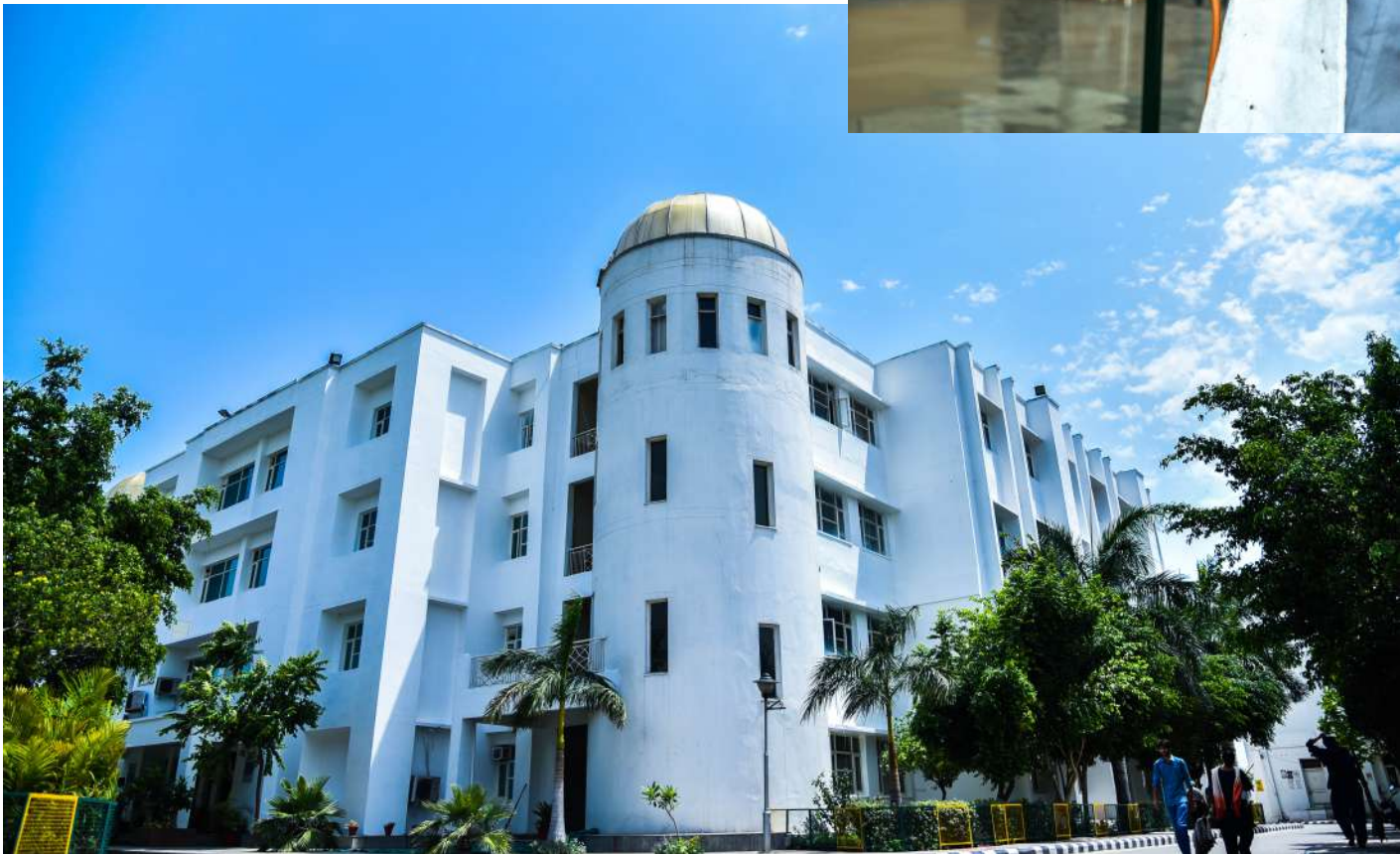
**CHANDIGARH
GROUP OF COLLEGES**

Building Careers. Transforming Lives.

MECHANICAL ENGINEERING

Why Choose CGC

A degree in mechanical engineering at CGC, Landran offers a wide range of unlimited opportunities to contribute to the next stage in the development of modern technology. One of the most distinguished field of engineering, it is the study of objects and systems in motion. As such, the field of mechanical engineering touches almost every aspect of modern life, including the human body as well as highly complex machines. The role of a mechanical engineer is to take a product from an idea to the marketplace. Mechanical engineers play key roles in a wide range of industries including automotive, aerospace, biotechnology, computers, electronics, micro electromechanical systems, energy conversion, robotics automation, and manufacturing.





Sparkling Highlights

- CGC: 1st Private College in Northern Region that got NBA accreditation for 5 years (2009)
- Institute got a grant of Rs.4 Crore from World Bank under Technical Education Quality Improvement Programme (TEQIP)
- All labs have been recognized as SIRO (Scientific & Industrial Skill Research Organization) by DST, Govt. of India
- Mechanical Engineering students have got highest number of placements in core Mechanical companies
- Mechanical Engineering Students scored 1st position in Start-up India Contest 2020 at CGC Landran (Online).
- Our Student scored 3rd Position in IP Crossword Contest, 2020 at ISERD, India Analytics National 2020.
- Our NCC Student participated in National Republic Parade, 26 Jan 2020, at Rajpath New Delhi.
- Mechanical Engineering Students participated in INDIAN KARTING SERIES SEASON 2, 2019 in MIT Ujjain.

Research & Innovation



NPTEL Awareness Workshop



1st runnerup Smart India Hackathon'19



Hybrid Tadpole Trike



ICCAME 2019

Walking the Talk!

Number of Patents
filed in last 3 years

500+

Number of Research Papers
published in last 3 years

3000+

Top 5 Patents Published by Mechanical Engineering Department

- Smart Saddle Device
- Electromagnetic Fastening Device
- Fluid Based Power Generation System
- Multistage Air Filtration Device
- Portable Locking Device For Bicycle



All India Rank

6

for filing maximum
patents in a single year

by The Office of the Controller
General of Patents, Designs, Trademarks
and Geographical Indications,
Government of India, under the
category of **"Top 10 Indian Applicants for
patents from Institutes and Universities"**

Mechanical Engineers Ruling the Globe with Their Novel Innovations



Team "TECHNOAVIATORS" of ME Stream from CGC Landran got selected in 'Formula North Competition' which was held in Barrie Molson Center, Ontario, Canada. ME Team from CGC Landran was the only team from India that participated in the Canadian Formula Student-Style competition with their streamlined Mini F1 car.

All the students brought laurels to the campus with their hard work and perseverance.



CGC, Landran proudly presents their team - 'Mechnorobs Motorsports' with 11 participants who had indubitably taken over by setting international benchmarks as they were the only team from India to participate in Formula SAE held at Lincoln, Nebraska USA.

Approximately 80 teams from all over the world participated. The teams went through two screening tests namely - Static Test and Dynamic Test.

Students Placed:



Pranav Garg
BYJU'S
Package 10 LPA



Prince Sharma
Royal Enfield
Package 5.5 LPA



Piyush Sharma
Jaro Education
Package 6.6 LPA

Mechanical Engineering Recruiters:



Top MERIT POSITIONS a tradition at CGC





GOLD **149**

SILVER **149**

BRONZE **163**

2000+ MERIT
POSITIONS OVER
THE YEARS



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