

ANNUAL REPORT 2023-24

Here is the annual report of our esteemed organization CEC-CGC, Landran, Mohali -- Engineering domain for the academic year 2023-24.

COURSES

CGC proffers Bachelor and Master Degree Engineering courses in the field of Computer Science, Mechanical Engineering, Information Technology, and Electronics and Communication Engineering, B.Tech Artificial Intelligence & Machine Learning, B.Tech Artificial Intelligence & Data Science, B.Tech CSE-DS, B.Tech (IOT, Block chain & cyber Security), B.Sc. in (AIML, CS & GWD). **Three new courses** B.Tech Robotics & Artificial Intelligence, B.Tech Cyber Security and B.Tech Electronics & Computer Engg have been added in the year 2024.

RANKING AND AWARDS

Chandigarh Engineering College-CGC Landran continues to reiterate its esteemed position by receiving notable awards and rankings this year as well.

- CEC-CGC has received the prestigious **NAAC A+** grade in March 2024 with CGPA of 3.42 in the very first cycle.
- In **NIRF** (National Institutional Ranking Framework) Ranking 2024, CEC-CGC has been positioned in Rank band of 101-150 in Engineering Category and in the Rank band of 151-200 in the overall Category.
- CEC-CGC has been selected for certification under the prestigious "**Institution of Happiness (IOH)**" **project 2024** conducted by QS I-GAUGE.
- CEC-CGC, Landran has once again solidified its reputation by earning a prestigious spot in the **DATAQUEST T-School Awards 2024** by securing 1st rank in Punjab among Top 100 T-Schools, 8th rank in North Zone in **THE WEEK-Hansa Research Survey**, 1st rank in Private Colleges in Punjab by **India Today** and notable positions in **Outlook** and **Times of India Engineering Survey**.

ACADEMIC ACHIEVEMENTS

In the IKGPTU examinations held in the year 2023-24, 22 students from all B.Tech branches were placed in merit positions, with 11 GOLD, 6 silver medals and 5 Bronze among them.

STUDENTS' ACHIEVEMENTS

- The students of the **Mechanical Engineering** Department have brought great pride to the institution through their exceptional achievements in various prestigious events. Team Rudraksh secured the First Prize at **Hackwars 2024**, earning a cash award of Rs. 40,000. They also achieved Third Position at the **National Level SAP iTech Hack Fest 2024**, held at PSG Institute of Technology and Applied Research, Coimbatore, and won a cash prize of Rs. 75,000. Additionally, they demonstrated exceptional creativity and problem-solving skills at **Ideathon 2.0**, supported by Startup Punjab, securing the First Prize and a cash reward of Rs. 30,000.
- Kapil Verma of **CSE dept** won 1st position in **Aerothon2.0** by Airbus, France. Ms. Kamakshi Goyal of **CSE dept** selected in prestigious International level NXP WIT Scholarship and Mentorship Program.
- Kasish, a student from **IT Department** won 2nd position in National event Hackathon-**HACK n Win**; Another team of IT dept students won 3rd position in National level Hackathon-**Rajasthan Police Hackathon** held at Jaipur.
- At **Pharmathon 2.0**, our students secured Second Position at Chandigarh University.
- Two students from **ECE dept** won 1st position in **Electro Fusion 2K24** and **Hack-X-Plosion**.
- So far as **Cultural achievements** are concerned our students have secured top positions in various cultural competitions & our **Giddha** team of CGC won 1st position in South zone youth festival 2023.
- Our students also excelled in sports by securing 136 medals in the tournament out of which 65 Gold, 45 Silver and 26 Bronze at various level like IKGPTU, State & National level.
- We are overall champion in Athletic, Badminton, Chess, Cross county, Weight Lifting & Power Lifting & we have organised 13 tournaments at CGC last years.

ACHIEVEMENTS OF NCC

- The NCC department of CGC Landran has an impressive year, achieving numerous milestones through their participation in various camps and competitions. From July 2023 to June 2024, over 20 cadets took part in more than 50 camps across India, and received various awards and certificates showcasing their skills and dedication.
- Some notable achievements include Under Officers Aryan Rathi of B.Tech. ECE made their mark by attending the Republic Day Camp 2024 at New Delhi. He has also received an Appreciation Certificate and Award from Major General Manjeet Singh Mokha for his outstanding service and dedication to NCC activities.
- Moreover, Cadet Saloni Nayak of B.Tech (AI&DS) demonstrated their dedication and skill in shooting competitions at both the Inter Group and National levels.

RESEARCH & DEVELOPMENT

- Faculty of CEC-CGC has published **200+** research papers amongst which **35** research papers have been published in SCI, **135** in Scopus, web of science and UGC care Journals and **30** research papers in conference publications. Apart from that, our faculty has published and authored **48** books/book chapters during the last year.
- With the unified efforts of students and faculty, CGC has filed **231** patents during this period, **129** patents have been published and **46** patents have been granted.
- **Geo Innovation Challenge project** of CSE Department got **Rs 3 lacs** grant from DST, New Delhi & AICTE has granted us Rs 3.5 Lac for ATAL FDP. DST sanctioned a financial assistance of Rs. 60 lacs approx. for 3 Years to the project “To promote and disseminate environment-friendly technologies to generate sustainable employment opportunities for the rural community”.
- We are incubating more than 40+ start-up for engineering at ACIC RISE.

CO-CURRICULAR ACTIVITIES & INDUSTRY ASSOCIATIONS

As for as Co-curricular activities are concerned-

- In 2023-24 CGC Landran have organized Smart India Hackathon, 2 International conferences, 6 department techno-cultural fests, 6 FDPs, 38 expert lectures, 50+Industrial visits, 91 IIC activities etc. & inked MOUs with 10 industrial Houses like Digi Mantra, Xenon stack, ICT Academy & Cheema Boilers etc.

CAMPUS PLACEMENTS

The students of CGC received 5000+ job/placement offers from 500+ companies, with a highest package of 51.54 Lac per annum offered by Microsoft engage. Apart from these companies, our top recruiters include industry giants like Google, Adobe, Amazon, MRF, Hyundai, LG Electronics, IBM, Samsung, Reliance Industries Limited, Bosch Global Software Technologies & many more.

INTERNATIONAL EXPOSURE

By having signed MoUs with reputed Universities of UK, USA, Germany, Australia, Belgium, Vietnam, Russia, etc, the Department of International Affairs at CGC is having more than 50 active global alliances with renowned universities and colleges. In the last one year, the institution has inked MoUs with Christian Brothers University, USA, Centre for Global Sustainable Future Progress, UK & UC Leuven Limburg, Belgium. Apart from this, one of our student Jahnvi Sharma has been granted USA Visa to complete her degree. Our faculty Dr. Kapil Mehta (Professor & HoD DSC CGC-COE) has got an opportunity to participate in Panel Discussion at **Future Experts Professor Edition, Dubai, UAE** amongst esteemed professors from renowned institutions across the globe.