

ANNUAL REPORT 2021-22

Here is the annual report of our esteemed organization CEC-CGC, Landran, Mohali -- Engineering domain for the academic year 2021-22.

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.Sc. in Artificial Intelligence & Machine Learning, B.Sc Graphics & Web Designing, B.Sc Non- Medical and B.Sc Cyber Security. Two new courses B.Tech Artificial Intelligence & Machine Learning and B.Tech Artificial Intelligence & Data Sciences have been added in the year 2022.

RANKING AND AWARDS

- CEC has been Ranked 139th among top Engineering Institutions in **NIRF** (National Institutional Ranking Framework) Ranking 2022. According to that, CEC holds first Rank among private institutes in Punjab.
- Chandigarh Engineering College has received **NBA Accreditation** for two undergraduate courses i.e. Computer Science & Electronics and Communication Engineering.
- CEC is recognized in the band "Excellence" in **ARIIA** ranking.
- The institution is awarded with "Outstanding Engineering Institute with Best Placements" title during **World Education Summit 2021 and Most Promising Engineering College in India** by Asia Today Research & Media. The institution has also been awarded with APAC 4th Education Leadership Award 2022 in the Category of India's Outstanding Private Engineering College.
- Among all Govt. and private institutes, CEC has achieved 5th rank in North India T schools by **Data Quest T-School Employability Index**, 8th rank in North Zone by **THE WEEK-Hansa Research Survey**, 4th rank in Punjab by **Outlook I-Care Rankings**, 2nd rank in Punjab by **India Today Ranking**, 7th rank in North region by **Times of India Engineering Survey**, 2nd In Punjab in Top 100 T-Schools by **Dataquest Tech School survey** and has likewise been put in AAA+ category by **chronicle** with 2nd rank in North India and 5th rank Pan India.
- During the valedictory ceremony of SIH-2022, CGC had the honour of interacting with the Honourable Prime Minister of India, Shri Narendra Modi for the second time during SIH.
- CEC has received the highest 4 star rating by the Ministry of Education's (MoE) Institution's Innovation Council in association with All India Council for Technical Education (AICTE) in the year 2020-21.

ACADEMIC ACHIEVEMENTS

In the IKGPTU examinations held over the years 1600 students from all B.Tech branches were placed in merit positions, with 125 GOLD, 135 silver medals and 135 Bronze among them.

STUDENTS' ACHIEVEMENTS

1. **Ravinder Bishnoi**, a B.Tech. IT student, placed first overall in India in the Ideation 2021 Quest: Sustainable Development. He also triumphed in the ANIC-Atal New India Challenge 2.0, and his startup will receive a funding around Rs 1 crore. In addition, he was chosen from among 19000 candidates from 173 nations to be a UNLEASH talent worldwide. He and **Shubh Sarpal**, another IT student, both also received SEED Fund of Rs 3 Lacs under Startup Punjab.
2. Our **ECE & CSE** branch students won cash Prizes worth Rs 1 lac and Rs 10000 at 4th National Level Working model Competition conducted by Dev Bhoomi university Uttarakhand and they also secured 2nd position in a state level competition conducted by Infosys, Mohali.
3. Our **CSE** Students won 1st Position with a cash-prize of Rs 25,000 in Toycathon 2022 organized by AICTE-MHRD.
4. 4 students of **ECE** branch participated in Ispark International pitching competition, TARUC, Malaysia.
5. Our Students of **B.Tech 1st year** secured 1st, 2nd and 3rd Prize in Project display during National Science Day 2022
6. Our students have also excelled in **sports** securing 1st, 2nd and 3rd positions in cross country, Basketball, Badminton, Football, Handball, Volley Ball, chess and power lifting championship organized by IKGPTU Kapurthala, Indian Powerlifting Federation and also in National/ State Level Championships organized by Chandigarh Olympic Association.

RESEARCH & DEVELOPMENT

- The Faculty of CGC has published **400+** research publications amongst which **50+** research papers have been published in SCI and **300+** in Scopus, web of science and UGC care Journals. Apart from that, our faculty has published **30+** book chapters, and authored **15+** books during the last year.
- With the unified efforts of students and faculty, CGC has filed **202** patents during this period, **88** patents have been published and **03** patents have been granted. According to the data of Indian Patent office we have achieved **5th** position pan India for filing maximum number of patents.

- In addition to this, 32+ start-ups are being incubated by ACIC- RISE in support with NITI Aayog, Govt. of India.

INDUSTRY & Academia ASSOCIATIONS

To bridge the gap between Industry and academia various MoUs have been endorsed by CGC. These MoUs facilitate faculty and student certifications. In the year 2021-22....

- The department of CSE inked MOUs with Red hat, IBM, RCED Chandigarh, NASSCOM, ICT Academy, VM Ware IT Academy, Palo Alto Networks, AWS – Educate, UI Path Academic Alliance, Fresco Pvt. Ltd., DELL- EMC Academic Alliance, Oracle Academy, NIELIT, Mohali, Itronix Solutions, and Next Page IT Solutions.
- The department of IT inked MOUs with CISCO, Raju Bros Softech Private Limited, Infosys campus Connect, NCSSS, IOSD and CDI.
- The department of ECE inked MOUs with Advance Technology, ABC Tech Serve, Texas Instruments, EESPL (Eureka Electrosoft Solutions Private Limited), DELBREC and Fly X Technologies.
- The department of ME inked MOUs with Glass & More Tuff -Sonipat, Parametric CADTech, M/S Ideas Design solutions (P) Ltd., Cheema Boilers Limited Mohali, ANG Industries, Medhavavi Ceter for Automotive Research, Aerosphere, Delbrec Industries Private Limited.

CAMPUS PLACEMENTS

The students of CGC received 3000+ job/placement offers from more than 400+ companies, with a highest package of 45.5 and 41.9 lacs per annum offered by Amazon Development Centre India P.Ltd. and Adobe Systems India Pvt. Ltd. Apart from these companies, our top recruiters include industry giants like Google, Microsoft, Amazon, MRF, Hyundai, Sopra Steria India & Sopra Banking Software India, Walmart Labs, LG Electronics, IBM, Samsung, Reliance Industries Limited, Nutanix, Mahindra, HP, TCS, Cognizant, Philips, Adani powers, Cyprus Semi conductors and 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 45 active global alliances with renowned universities and colleges. In the last one year, the institution has inked MoUs with University Canada West, Perdana University, Malaysia, University of Slavonski Brod, Croatia. The University For The Creative Arts, UK, University of Bolton Academic Centre, Ras Al Khaimah and Camarines Sur Polytechnic College, Philippines. Apart from this, one of our student has been granted USA Visa to complete his degree and another student of CSE branch received full paid grant to do semester exchange programme at Thomas More College, Belgium. Two faculty members was also paid full grant for semester Exchange under Erasmus Plus.