CEC-J has the vision set as "To emerge as an institution of technical excellence imparting professional education for sustainable development of society". Senior leadership and governance has laid down mission and values of the institution which is visible in actions and plans to reinforces the activities & developments. Decentralized and participative management has led to open-culture, driven creativity and innovations of stakeholders in the institution.

Institutional Distinctiveness: Career Planning & Development

1. Objectives of the Practice

- To make the curricula more robust, enhance the skill component of the syllabi and to introduce career planning & development to empower students to be job worthy/ create entrepreneurial ventures.

This was implemented –

- To provide career education and develop skills in students interested in directly entering the workforce.
- To support students in the vocational exploration, identification, pursuit and integration of personal and professional career goals.
- Incorporation of skilling in the curriculum is to provide opportunities for quality long and short term skill training.
- To develop courses of interest for personal and community development.
- To broaden the skill-base of the students and to empower them for alternative vocations.
- To connect students directly to opportunities for employment, internship /on the job training.
- To develop professionals with global competencies viz. soft skills, information and communication technologies etc.,

2. The Context

- The specific objective of the placement based training is to train and expertise the students to meet the present day requirements in the market for the survival. This includes the personality development, resume writing, communication skills, aptitude, personal interview and group discussion
- The institution's philosophy is to develop a student centric, rigorous, flexible curriculum which is relevant for the individuals, the country's economy and the society at large
- It motivated to look beyond traditional pathways of 3 Es viz. Education, Employability and Employment and think of strategies to bridge the gap between skill and knowledge
- To incorporate vocational & skill component in the regular courses
- To offer short-term skill-based courses along with traditional degree courses
- To offer vocational and industry-aligned professional courses
- To promote interdisciplinary programmes that prepare students for diversified career opportunities

- These courses focus on real-world application, with many programs including internships or projects in their field of study
- To offer value added courses based on the recent advancement
- This placement based training helps students to improve the academic standards and to provide all the academic facilities to the students based on today's need of the software industry/hardware Industry into which the students enter after they complete the course

3. The Practice

- We Practiced skill based training courses which cater to the requirements of various professional fields.
- They provide opportunities to students for enhancing their career development & exploratory learning through hands-on practice, classroom sessions, self-study, understanding of the job market, skill development and decision-making.
- Students from second year to final year are eligible to take up this training alongside their regular course of study.
- They are characterized by multiple exit options, credit system, unit-based syllabi, outcome-based assessment, input and output-based credit criteria for general education and skills respectively.
- At the end of four years, the students are equipped with soft skill training along with conventional degree in Engineering.
- They are designed to be interdisciplinary in nature and promote horizontal mobility.
- A dedicated slot of one hour to four hours in a week is reserved in the timetable for each of the courses.
- Internships, projects, on the job training, practical seminars, presentations by the students forms' an integral part of the syllabi of most of these courses.
- The campus maintains a robust industry-academia interface to bridge the gap and make the content of these courses industry relevant.
- Students are constantly motivated through counseling to increase their morale.
- Students are also informed and advised on the importance of maintaining good academic scores as these play a major role during recruitment. The cell helps students improve their academic scores through a series of programs and workshops.
- We also promote students to visit various industries pertaining to their disciplines so that they get the right exposure.
- Students are assessed through various online testing methodologies so that the right set of students is channelized towards the right profile.
- The following training programmes are conducted for the students by proper planning prior the academic start.

Soft Skill Training Programme:

This helps students develop effective communication skills and presentation capabilities in academic and professional settings. These interactive activities focus on work environment and real life situations. Individual attention is given and even shy students are encouraged and empowered to develop their public speaking, interactive and interpersonal skills. This includes the enhancement of following skills,

- Presentation Skills
- Group Discussion
- Resume Preparation
- Interview Preparation
- Just a Minute
- Leadership Qualities
- Goal Setting
- Time Management
- Team Player, etc

Aptitude Skill Trainings:

It includes to increase the following abilities in the students –

- Reasoning
- Data Interpretation
- Logical

Analytical Technical Skill Trainings:

The students are trained in advanced techniques of the following languages
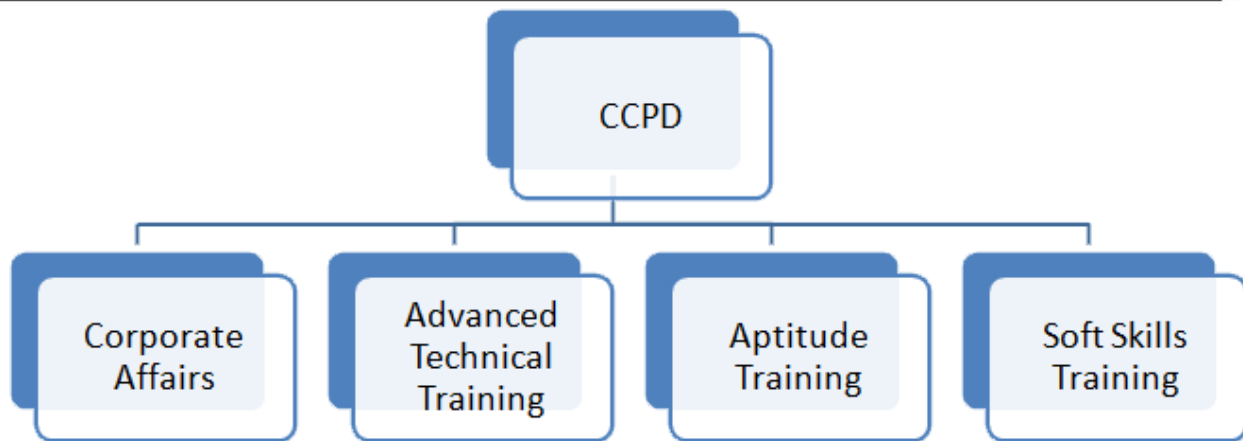
- C
- C++
- Core JAVA
- Advance JAVA
- PHYTHON
- HTML
- Web Technologies
- DBMS

4. Evidence of Success

- The placement based training programme has improved the success rate of the students in the final placement interviews to an appreciable extent.
- These courses have proved to be effective in student's overall progression and in seeking employment or to set up own start-ups.
- The multi-faceted and multi-disciplinary learning experiences have facilitated the scope for better employment which is reflected in the placement.
- Students have developed multiple skills through the field experiences/practical training/ summer internships and are able to apply theoretical knowledge in practical situations.
- Skill development enhances the proficiency of a student in their particular area of interest.
- Skill enhances to build the professional network, better communication, time management and so on.

Chandigarh Engineering College
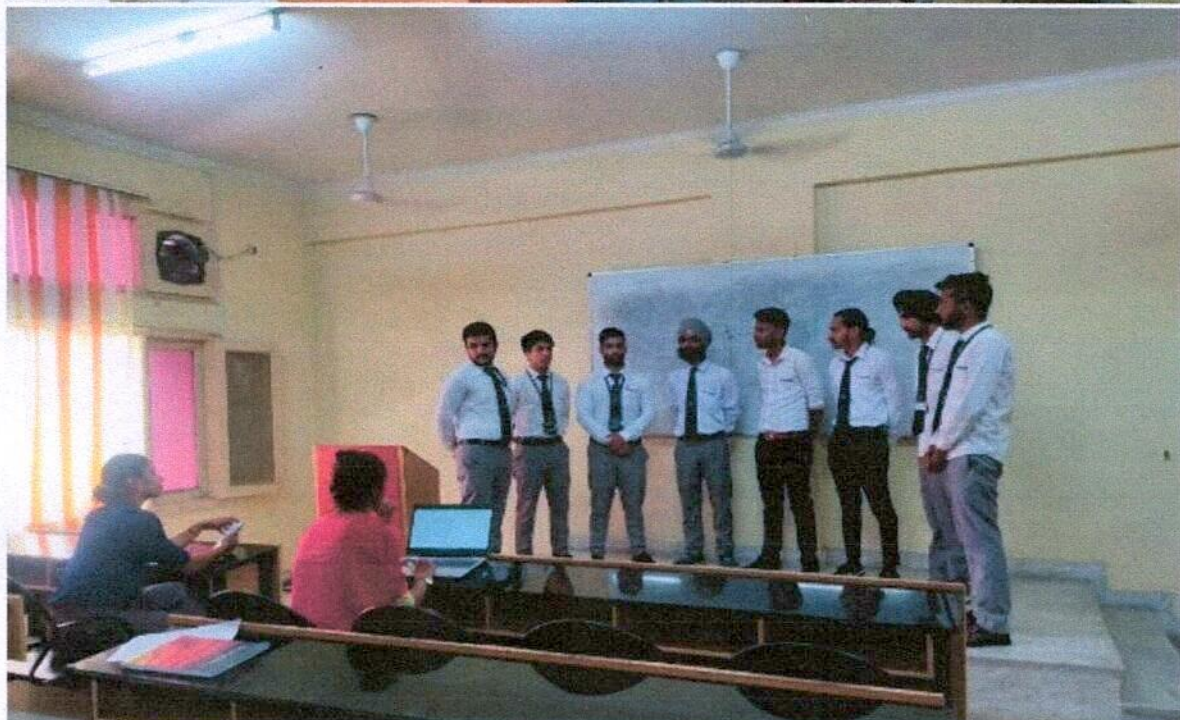## Jhanjeri, Mohali

CCPD

- Corporate Affairs
- Advanced Technical Training
- Aptitude Training
- Soft Skills Training

The Four Pillars of CCPD

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