

10.4.1. Quality of learning resources (hard/soft) (10)

- Accessibility to students
- Support to students for self-learning activities

Relevance of available learning resources including e-resources:

Institute Library and Faculty Library is made available the following resources for the benefit of the staff and students. All these resources are very much relevant to the course curriculum and are also mandated by AICTE too.

E-Journal Package:

1. Science Direct
2. IEEE All Society Periodicals Package
3. ASME Digital Library
4. ASCE Digital Library
5. McGraw Hill Access Engineering
6. JGate – Engineering & Technology
7. ProQuest
8. EBSCO Business Source Elite
9. J Gate – Social Science and Management Science

In additions to the above mentioned resources, Institute is also providing links to various Open Access resources along with subscribed e-resources through its website. URL : www.dei.ac.in.

For the easy access, all the online resources are subscribed as IP Based access subscription. This will help the users to access any resource from any computer connected in the CBIT Campus LAN. and also through WiFi enabled devices. In addition to this, Institute is providing Federated Search mechanism through which a user can access all the databases through single search box. This will help the users for searching multiple database at a stretch. Remote off campus access facility is created and this can be used by the users as and when they require with a special request. Support to students for self-learning activities Institute Library & Information Centre is supporting the students for self-learning activities. In this process it is subscribing multiple online resources, through which student will get an access to variety of resources to study and learn on their own.

Following resources are also accessible to the students:

- 9000 + NPTEL Videos
- 100+ Subjects NPTEL Text Content
- 298 Subjects MIT Open CourseWare
- 1000+ E-Books
- 500+ Projects
- 1500+ Software Tutorial Videos
- 2000+ Universities Information
- 2500+ Companies Information

For the effective use of these self-learning resources Institute Library & Information Centre established an exclusive E-Learning Resource Centre. This centre is having latest HP i7 computer systems with 21 inch monitors and headphones, which helps the users in their self-learning activity by accessing the online lectures of removed experts of their field.

Student Mentoring and Support

Academic Support : Remedial Teaching, Peer coaching for weak students, Integrated programs for bright students, flexible choice based credits, Undergraduate Students Research Awards (UGRA) to encourage bright students to pursue research. Short courses on Soft Skills, Resume writing and Computer Skills by AADEIs throughout the year for unemployed graduates also.

Vidyaprasar: Availability of videos of lectures in courses.

Placement Support: Alumni Placement Assistance Cell (DEI-APAC) with DEI-TPO. Cell for guiding and mentoring for National Tests- IAS, NET/GATE etc.

Class Committees and Proctorial System: Each class has a Proctor and each course has a class committee comprising students and teachers other than the course teacher. Regular Teachers appointed as Wardens in hostels.

Financial Support:

Cost-effective education, Scholarships, Support through part-time jobs in Projects.

Alumni Support: For participation in conferences and training abroad, summer training and co-op internship.

Business Advisory Clinic: Students alongwith faculty offer free services to advise entrepreneurs and ailing businesses.

Counselling Cell: The Psychology Dept. offers free counselling services to students.

Entrepreneurship and Incubation Cell: To encourage Entrepreneurship and start-ups Entrepreneurship Development Cell functioning in the Institution. We train students to improve their entrepreneurial skills; so that they become job providers rather than job seekers.

Students Chapters: IEEE, IET and SSI Student Chapters to encourage professional activities. **Paritantra:** Annual Student Conference and Annual Summer School for High School Students in Science.

Health Centre : SA Hospital offers medical treatment at nominal cost.

Earn while you learn: Students manage daily Canteen services at various locations by preparing food items, serving and selling them. Also students are engaged in conducting lab classes and are trained and paid stipend for these activities.

Facility under MOUs for students to study courses at IIT Delhi, Univ. of Maryland, USA.

Research Technology Park-Multi-disciplinary Research Centres: The Centre for Quantum and NanoSystems , and the Centre for Consciousness Studies organize Workshops for the faculty and students

Any other Support:

- The welfare of the students is taken care by the Dean of Student Affairs, who is a senior faculty member. Various activities of the students are planned along with the students and staff
- Every class of students has a Captain, Vice Captain, Prefect & Asstt Prefect and teachers as Proctor. Regular class committee meetings are held.
- In order to improve the communication skills, soft skills and leadership skills, training and exposure are provided to the students.
- The Anti-Ragging committee constituted as required with inclusion of faculty from various departments for prevention of ragging and related incidences in the campus
- The Lifelong Learning centre conducts short-term courses and vocational training to promote self-employment
- Insurance coverage is provided for students against the contingency of an accident

Support services to SC/ST students: A special SC/ST Cell looks into their admission requirements, take care to avoid any discrimination and provide assistance to enhance their communication and soft skills. Several bridge courses for languages and other basic subjects are organised. Additional Remedial coaching, Coaching for entry into civil services, NET/SLET and for competitive examinations and encouragement to apply and avail state, national scholarships for the deserving students.