

Part

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Study Resources

# Study Resources

- ◆ Central Library
- ◆ Computer Center

## Central Library

Being located at the north of the university campus, the IUST central library was established in 1958 and developed twice in 1984 and 2001. The library, with more than 40 thousand technical and engineering books (%70 of which are in foreign languages) is one of the richest centers for books, journals, periodicals, microfilms, etc. on engineering sciences in the country. Together with 15 satellite libraries in the campus with more than 120 thousand technical and scientific books, the central library, with a valuable source of highly professional staff, provides quality services for the students, faculty members and research fellows. The audio-visual unit is comprised of a great number of videos in various fields, CDs, and valuable microfilms including about 690 titles of engineering and technical journals, most of which available back from the first date of publication (eg. some IEE publications back to 1884).

On the other hand, there is access to a comprehensive collection of electronic journals and online databases such as Elsevier, Springer, Wiley, IOP, ACM, ACS, ASME, ASCE, El Village, Math Sci. Proquest, Jstor, ISI, Scopus, Emerald, and Oxford University Press. About 970 titles of Persian as well as English journals with copying facilities, the information center, the data bank and the IT laboratory are available for the IUST students, faculty members and other research fellows.

The digital library has started its activities in 2001. Establishment and development of the digital library and reorganizing library resources digitally is of its main activities. Accordingly, the digital library mechanized system is established and utilized in the university schools and departments. The users can have access to the central library and the school library through <http://dl.iust.ac.ir> and perform a search simultaneously. This branch has processed 1129 copies of the M.Sc. and Ph.D. dissertations submitted until 2002 into electronic version. They are available offline on the central library information site (the completed list can be observed on <http://dl.iust.ac.ir>). In



addition, a number of about 12700 titles of valuable English resources are available online on the central library website. These records are increasing continuously. The object character recognition (OCR) facilities for English resources section has

a valuable experience in transforming the printed resources into a digital format. Furthermore a number of more than ten thousand printed journals exist in the library, which have also been archived as electronic copies.



## Computer Center

The IUST computer center, located on the university main campus, has been serving the university community since 1969. It started using an IBM mainframe 4341 and a mini-computer VAX 6000- 410 series from Digital Equipment Company with 85 terminals. In 1992, IUST installed its first campus-wide LAN. Over 9500 personal computers are currently connected to the LAN and many software packages are available, ranging from office applications to database programs and specialized engineering and scientific packages. IUST Intranet is connected to the Internet via two parallel fiber optic links with a capacity of 34 Mbit/s. More than 50 dial up lines are also available to the

staff and Ph.D. students. The Center is also connected to the national intranet with a capacity of 100 Mbit/s. The university intranet is totally based on Gigabit Fiber Optic Network. The Center has set up a wireless network over the university campus for all network facilities already delivered on wired LAN. In addition to providing and maintaining the hardware, the center offers short courses each semester on programming, hardware, operating systems and computer applications. One by one consultation is also available upon request in particular areas such as statistics, programming, and computer equipment purchases. A campus-wide software for administration of all educational affairs, such as on-line registration, is available. The center has a data center which hosts the main university servers and provides easy access to a number of data banks for the faculty members as well as the students.





Part

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Student Support  
Services

# Student Support. Services

- ◆ Students' Cultural and Scientific Associations
- ◆ Scientific Associations
- ◆ Residential Facilities
- ◆ Sport Facilities
- ◆ The Counseling and Psychotherapy Center
- ◆ Cultural Sites
- ◆ Other Facilities



## Students' Cultural and Scientific Associations

The Office of Vice-chancellor for Students and Cultural Affairs organizes various social activities for the students such as managing tours and pilgrimage trips within the country and abroad, in addition to leading cultural, religious and social ceremonies.

Cultural activities of the students are performed through several Cultural and Art Associations such as Holy Quran, Film and Cinema, Music, Theatre, Poetry and Literature, Cultural Studies, Social Research, Iranology.



## Scientific Associations

The IUST is one of the most active universities in encouraging students to take part in extra curricular activities. The most prominent goal the associations pursue is instilling cooperation among students. The student associations also publish academic journals and carry out research projects. Currently fourteen Scientific Associations are active as follows:

- Physics and Astrophysics
- Metallurgy and Materials Engineering
- Chemistry
- Civil Engineering
- Computer Engineering
- Industrial Engineering
- Electrical Engineering
- Mathematics
- Mechanical Engineering
- Architecture
- Automobile
- Railway Engineering
- Industrial Design
- Chemical Engineering

## Residential Facilities

IUST provides accommodation for non-native national and international students. More than twenty blocks of accommodation, both on and off campus, provide a pleasant environment for students. Married student residence halls are also available for a limited number of students with families.



## Sport Facilities

To advocate and publicize physical exercises among the academic, including the students, the following activities take place at the physical education center of the university:

- Various sports classes
- Sports events among various schools
- Physical education counseling

The Iran University of Science and Technology stadium is the largest in the north eastern part of the capital, with a capacity of 20 thousand spectators. It consists of a lawn and jogging fields. Other facilities include gymnasiums for weight-lifting, table- tennis, shooting, martial arts and two tennis courts. There are also many students' teams active including football, basketball, volleyball, taekwondo, judo, karate, table-tennis, chess, badminton, wrestling, kung-fu, weight lifting, fencing, mountain climbing, shooting, tennis, body building, and running for male, and basketball, volleyball, taekwondo, karate, table-tennis, chess, badminton, mountain climbing, shooting, tennis, swimming, physical preparation, and running for female students. There is also a football team for students with disabilities.



## The Counselling and Psychotherapy Center

The Counseling and Psychotherapy Center of the university aids the staff and students in various areas. The services include educational counseling marriage and, family counseling, job counseling, psychotherapy and personal counseling, and group counseling and crisis intervention. The psychometric unit of the center administers various measures of intelligence, motivation, and personality to aid the therapy process. The Staff comprises 16 consultants, 2 psychiatrists, and other skilled personnel. Counseling can be provided in correspondence, and anonymous tele-counseling is also available. The center enjoys a social work unit and a parents' relations unit, and has two monthly publications for students and parents.

## Cultural Sites

The cultural sites in IUST are meant to serve various purposes such as graduation, inaugural, cultural, and religious ceremonies. The sites are as follows:

- IUST Masjid with an area of 1800 square meters.
- Imam Khomeini Cultural Complex with 3 auditoriums for 700 audiences.
- Shahid Bahrami Amphitheater with an auditorium for 550 audiences.
- The outdoor Amphitheater with an area of 1500 square meters.
- Five amphitheaters in different schools.

## Other Facilities

Other Campus facilities for the students and University staff include:

Polyclinic center, providing of general, dermatology, cardiology, ophthalmology, gynecology, and dentistry services.

- Post office, bank, stationery and book store, bindery shop, type and photocopy services, photography studio.
- Self-service restaurants and snack bars for students, and restaurants for members of academia and administrative staff.
- Shoemaking shop, barber shop, laundry, bakery, supermarkets.
- Kindergarten for children of university students and staff.

