



CCERCI



**Chemistry & Chemical Engineering
Research Center of Iran**

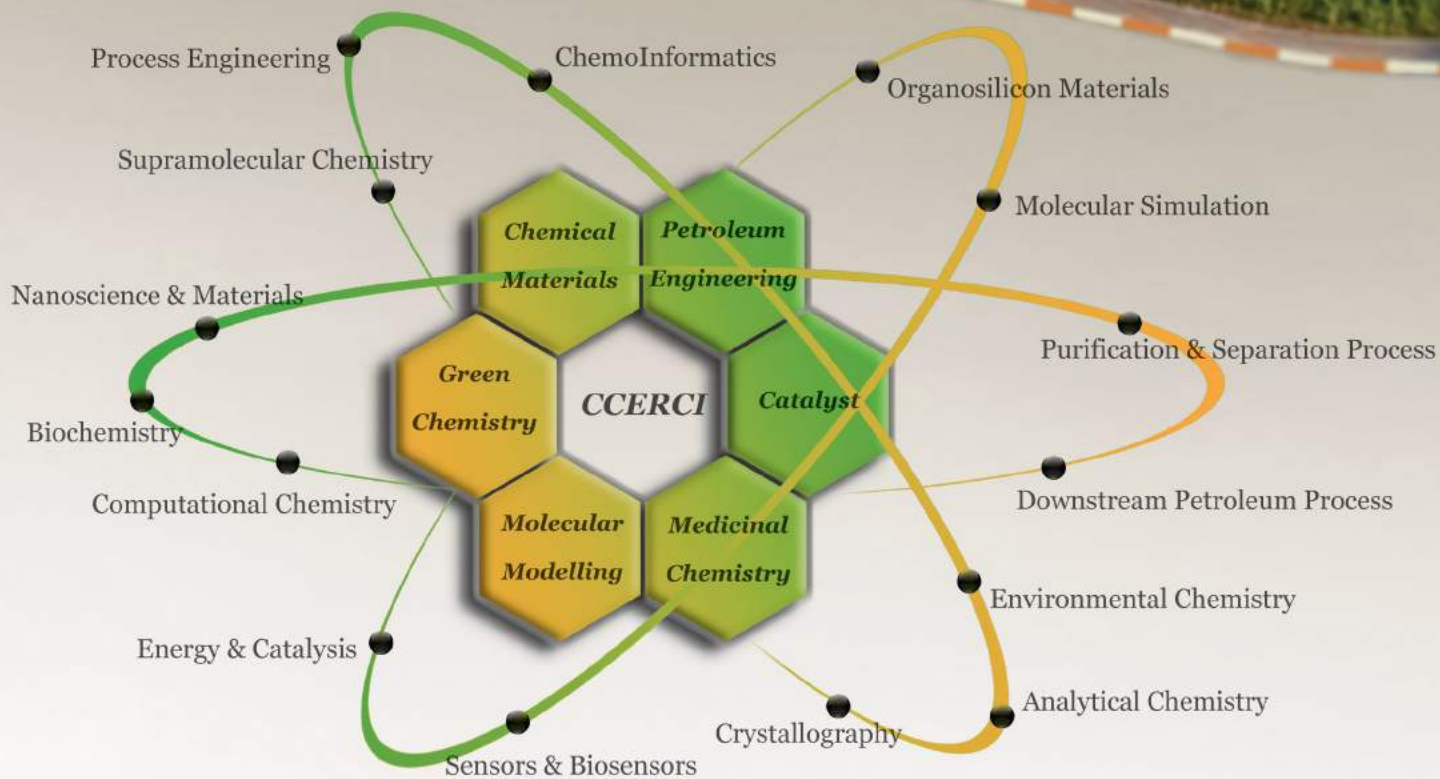


CCERCI was founded in 1989 as the national institute for chemistry and chemical engineering research. It has been the only active research center of chemistry and chemical engineering in Iran and is one of the most prestigious public research institutes in the country. The mission of CCERCI is to advance knowledge and the synergies between research and entrepreneurship through innovation and technological based discovery. CCERCI and industrial researchers have joined forces to tackle some of the nation's toughest challenges, including process design for oil industry, developing new medicines or medical procedures or improving the synthetic process of those already available, advancing nano-materials and purifying waters affected by runoff.

Educational activities of CCERCI began at 1994 with admission of 4 students for master's degree program, through the university nationwide entrance exam taken by the State Educational Assessment Organization. The number of graduates from CCERCI was 600 by the end of September 2017, many of whom were admitted to the prestigious universities in Iran and abroad for continuing their education in the doctorate, or postdoctoral program. Publication of scientific articles in large circulation and top-rated scientific periodicals along with technical and industrial reports have been typical scientific accomplishments at CCERCI. Based on CCERCI's vision for the next 40 years, CCERCI will be a dynamic, forefronting and topnotch institution with important contributions to the development of national and international technologies in chemistry and chemical engineering.



Research Activities Chart



Research at CCERCI



The Chemistry and Chemical Engineering Center of IRAN (CCERCI) is dedicated to excellence in research, and public service. Our reputation as the main chemistry and chemical engineering research center brought outstanding students to learn more about research and provides them with the opportunity to work in laboratories under the direction of expert faculty members. CCERCI houses a number of multi-disciplinary and collaborative research labs including Biocatalysis, Chemical Theory, Inorganometallic Catalyst Design lab, Nano-Materials as well as Advance Catalyst Lab. Our researchers have access to a number of outstanding facilities including the Mass Spectrometry Laboratory, Scanning Electron Microscope (SEM) Laboratory and X-Ray Crystallographic Laboratory, housed in the CCERCI central lab.

Publication of scientific articles in large circulation and top-rated scientific periodicals along with technical and industrial reports have been typical scientific accomplishments at CCERCI. Our research labs and industry have been collaborating for over a 20 year to tackle some of the most imminent technological barriers in the country. For instance, in a strategic collaboration between the Iranian ministry of petroleum and CCERCI, an NPC (National Petrochemical Company)-supported research project was granted to CCERCI. The project was aimed to develop the general knowledge and know-how for the process of catalytic conversion of propylene to three value-added propylene derivatives, i.e., acrylonitrile, acrylic acid and phenol-acetone.



Admission

CCERCi admitted graduate students and post doctorate fellows regardless of religion, race, financial ability or gender. M.Sc. and PhD students are accepted through a nationwide exam. Post doctorate admission is based on assessment of resume and interview by admission committee. More than 600 CCERCi graduates, active in both industry and academia have been the greatest contribution of CCERCi to the scientific and industrial develop. In addition, collaboration with Iran's National Elites Foundtion, CCERCi has been supported to announce many opening for postdoctoral and sabbatical opportunities. CCERCi encourages candidates to contact the international office directly to inquire about the possibility of training in CCERCi.



Technology Incubation Center

All over the world, Technology Incubation Centers (TIC) are nonprofit entities that provide support and advisory services for start-ups and emerging companies and play an important role in the growth and development of new born businesses. Companies which will be viable outside the incubator can graduate from these center years after start and development of their business. To encourage and promote innovative and knowledge-based research and business, CCERCi established its own center for incubation and entrepreneurship with a number of corporate members. The center was established to network, mentor and sponsor the innovation and patents created by the members. Moreover, in TIC we try to provide students and faculty a platform to commercialize their scientific ideas. CCERCi's TIC is an excellent start point for your business with all the necessary laboratory, analytical equipment and office facilities for time period of five years.



International Office

The International office is a member of CCERCI administrative body leads by one of the faculty member. Our mission is to promote global collaboration and to provide guidance and support to our international students. We appreciate multiple dimensions and welcome cultural differences and divers views. To expand CCERCI's international collaborations, a number of international memorandum of understandings have come into force between CCERCI and other research centers and universities including those in Germany, Austria, China and the Netherlands. In addition, many seminars, national and international conferences, technical workshops, etc. have been organized and hosted at CCERCI.

Visit Us:

Please make an appointment or use our walk-in hours. Walk-In hours are Monday and Wednesday from 1-3 pm.

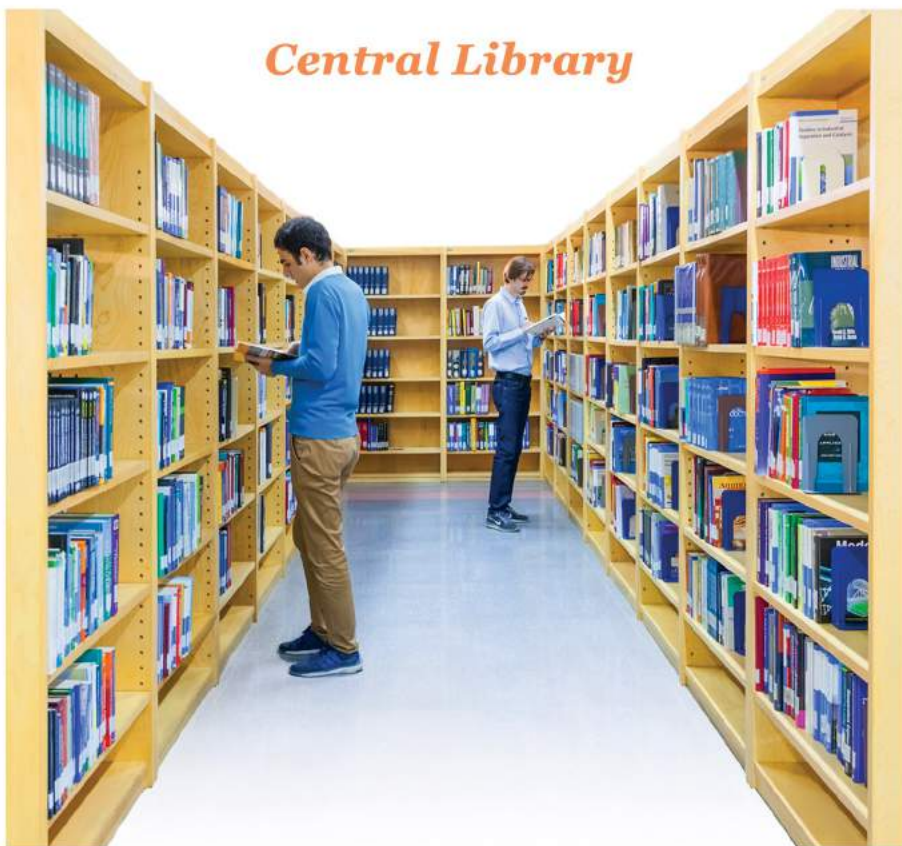
Office: 236 Research Building

Phone: (+98) 21 44787970

Fax: (+98) 21 44787962

Email: Internationaloffice@ccerci.ac.ir

Central Library



The CCERCI library is in charge of a rich and broad selection of books, journals and reference books available in different disciplines of chemistry and chemical engineering science for various departments. Perspective students and external visitors get assistance from our educated library staffs with their enquiries. The library facilities consist of digital index, searching programs, wireless access and other membership facility. The Library has treasured items which included more than 10000 volumes of books and 130 journals. There are also archival materials consisting of newspapers, digital books, M.S., Ph.D theses, and CD ROM databases. Inter-library loan (ILL) services are also offers broader access to academic materials including books, journals, CD-ROM databases, etc.

Central Laboratory

Central library of CCERCI, which is one the pioneering laboratories in Iran, assists researchers with specimen collection and sample processing. This laboratory offers a variety of high-quality testing, analytical services such as NMR, SEM, Single Crystal XRD, Powder XRD, SPM, BET, Surface Tension, Elemental Analysis, GC-MS/MS, HPLC, etc. across a wide range of technologies and applications for industries and academics. These facilities are some of the best university facilities in the country, supporting chemical research and providing analysis for students within chemistry and chemical engineering departments.

These facilities can also provide services and expertise to industry. The central lab works with industrial companies in a variety of formats to suit their specific needs including full analysis with report, provision of data only, equipment training and consultancy. With more than 20 years of industry experience, CCERCI central lab is engaged in verity of national projects. The central lab comprises more than 30 specialized labs with state-of-the art apparatuses and equipment.



Access

CCERCI



Chemistry & Chemical Engineering Research Center of Iran,
Pajohesh Blvd, 17th Km of Tehran-Karaj Highway, Tehran, Iran.

Post code: 1496813151

Tel: +98 (21) 44787970

Fax: +98 (21) 44787962

Email: Internationaloffice@ccerci.ac.ir

*Learn more about CCERCI at
www.ccerci.ac.ir/en*

