



Isfahan University of Medical Sciences

2023-2024



Medical University of Isfahan
(MUI)



In the Name of God

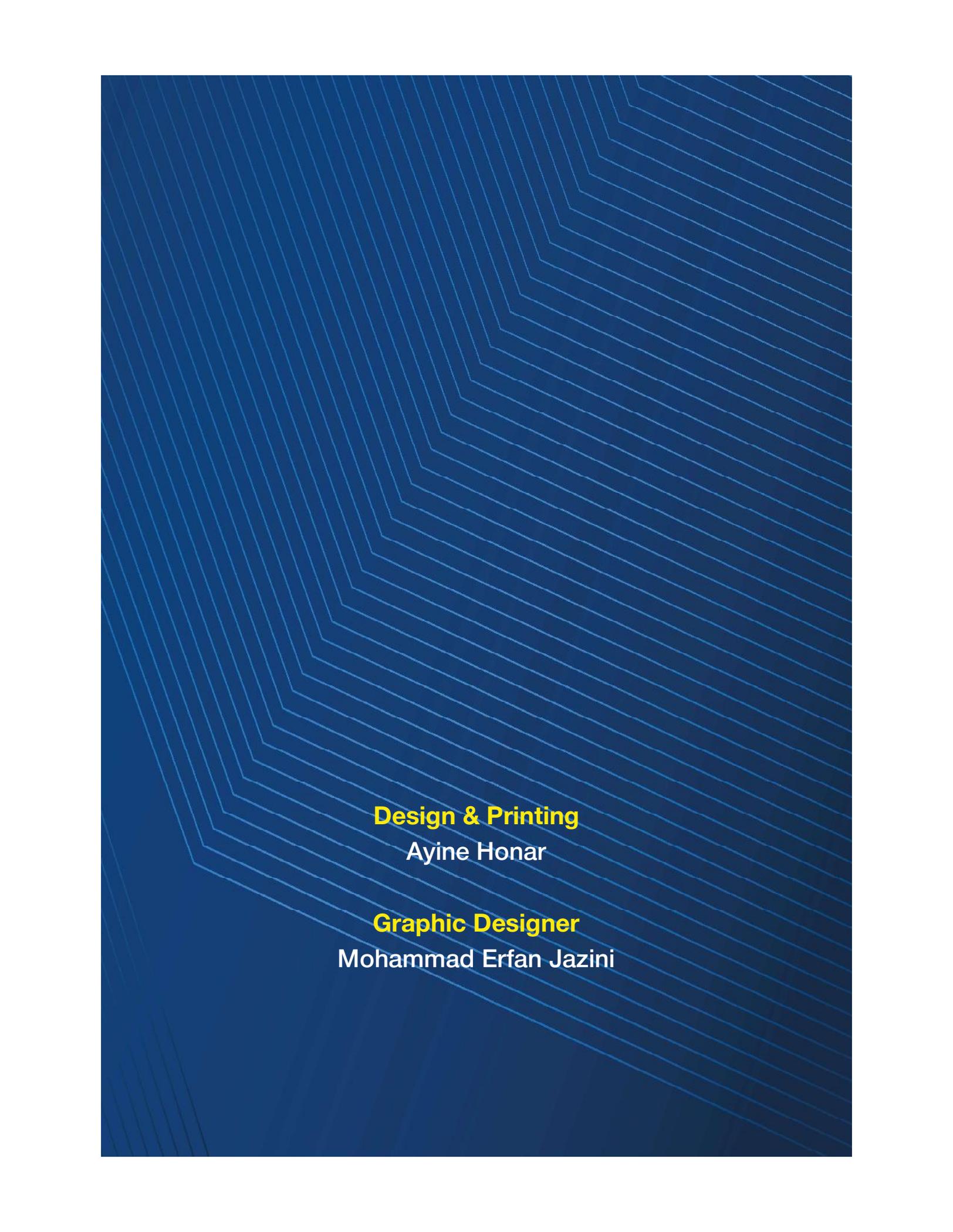
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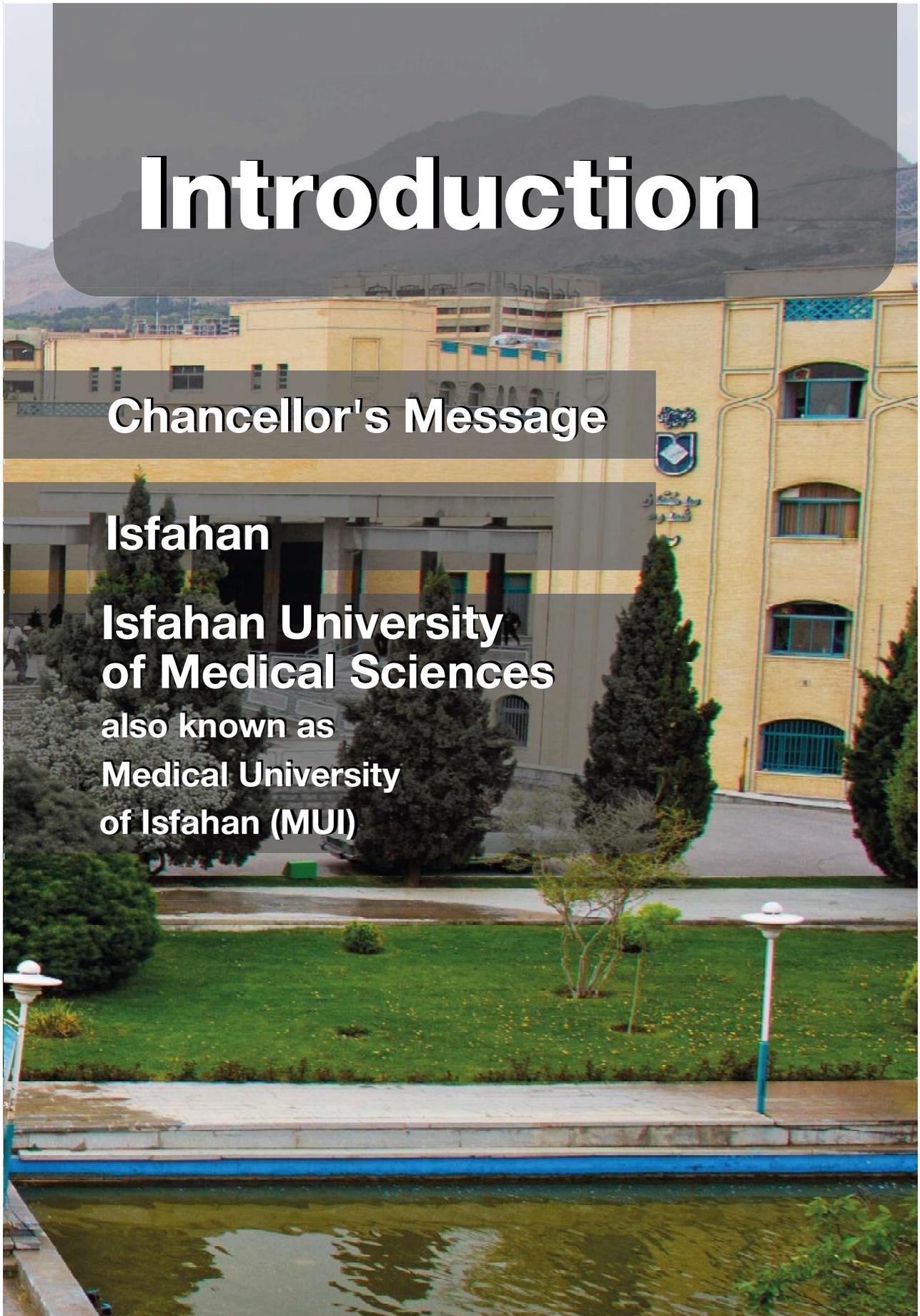
Introduction

Chancellor's Message

Isfahan

Isfahan University
of Medical Sciences

also known as
Medical University
of Isfahan (MUI)





Chancellor's Message



Dr. Shahin Shirani M.D.
Chancellor of Isfahan University of Medical Sciences



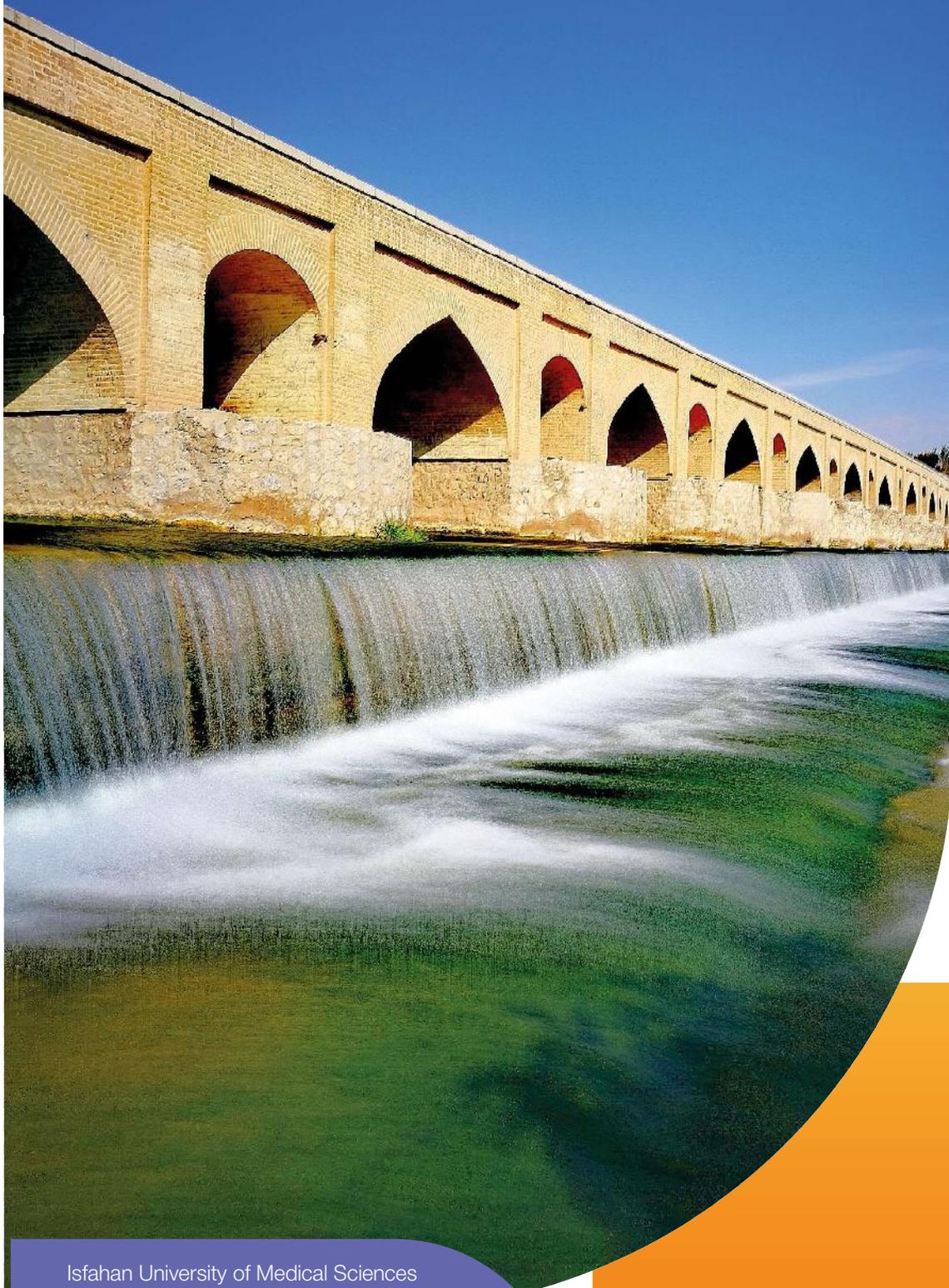
Isfahan University of Medical Sciences is a well-established institution of higher education offering a broad spectrum of degree programs including undergraduate, graduate, postgraduate and specialty programs to students of international origin. Isfahan University of Medical Sciences is recognized as a pioneer medical university in Iran in terms of educational excellence and socially accountable academic programs. We try to provide a fruitful and enjoyable learning environment for both students and staff while respecting their diverse cultures and expectations. With such academic treasure, a scientific atmosphere provides opportunities for intellectual growth and personal development. A sense of commitment and dedication prevails among both the staff and the faculty members at this university. Brilliant faculty members, some of whom have studied at the most renowned academic centers of the world, are the main university assets. In addition, the historical city of Isfahan, a UNESCO world heritage center, with its hospitable people, is always there to fill you with wonders and exciting moments in students' educational life. This catalogue offers ample information about our academic activities, as well as the vast coverage of health and treatment services throughout the entire province. The contact information of the relevant offices are provided in the respective sections in case any further information is needed. I am pleased to extend my warmest welcomes to all interested applicants and look forward to have their contribution to our community.

Dr. Shahin Shirani

Chancellor of Isfahan University of Medical Sciences



ISFAHAN



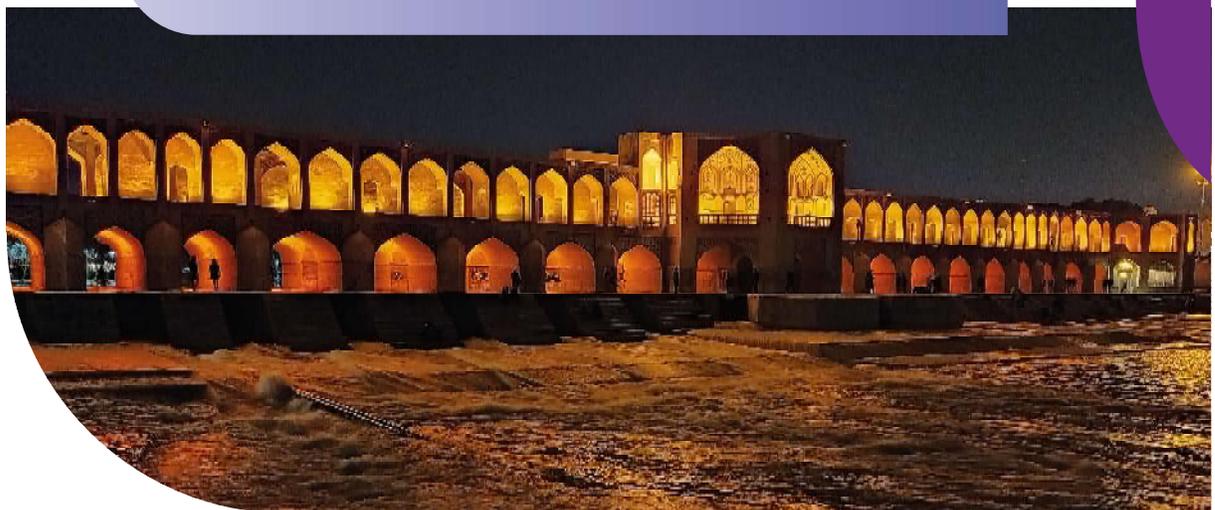


Isfahan, which is the third biggest city in Iran, is considered as one of the most beautiful cities in the world with three UNESCO world heritage sites. This city is ideal for students in many ways:

With all advantages of a major city, student accommodation is more affordable in Isfahan than other major cities. The locals are friendly and the city is safe. It has a wide range of public transportation facilities and options, which makes it easy to get where you wish to go.

There are numerous splendid opportunities to explore and relax both inside and outside the town, such as Naqshe-e-Jahan, which is a UNESCO world heritage site, and the Grand Bazar. There are beautiful streets and streams with pleasant environment to walk around the city and enjoy the restaurants and coffee houses or the shopping malls, some of which are in walking distance of the university.

The beautiful natural sights of the city also provide wonderful opportunities to relax and enjoy, such as Sofeh Mountain with beautiful jungle parks, various hiking routes, telecabin and amusement park; also along the margins of Zayandeh Rood, which is one of the largest rivers of Iran, is filled with beauty and amusements such as flower garden, museums, aquarium, bird garden, kids pool, play grounds, horse riding, rafting, and cycling routes.





Isfahan University of Medical Sciences
also known as
Medical University of Isfahan (MUI)



Overview

Isfahan University of Medical Sciences, or Medical University of Isfahan- MUI, was founded in 1946 and has grown to one of the largest public universities of the country today. It has 10 schools, about 1000 academic members, 43 research centers, 3 research institutes, 18 research journals and 37 affiliated hospitals. Over 70,000 students have graduated from this university up to now; and 9,832 students are studying in more than 80 majors in different educational degrees at this university currently.

This university is consisted of seven vice chancelleries, five of which are presented extensively in this catalogue. The structure and function of the Vice Chancellery for Education and Vice Chancellery for Research and Technology are described in the chapters of "Education" and "Research" respectively. Also, Vice Chancellery for Food and Drug, Vice Chancellery for Health and Vice Chancellery for Treatment Affairs are presented in the chapter of "Health Services". The two remaining vice chancelleries are the Vice Chancellery for Logistics and Personnel Affairs and the Vice Chancellery for Students and Cultural Affairs. The former maintains the logistics of the university and the latter is mainly engaged in the students' accommodation, health services, and cultural affairs. The international students' affairs are managed by the International Education Center; this center is presented as a sub-chapter in the chapter of "Education" of this catalogue. It is mention that there is also an office for employee benefits and services at the university, which provides certain services to the university staff. These services include health insurance plans, housing and loan assistance, facilitating of sport activities and engagements, providing accommodation facilities on trips, and providing kindergarten and preschool services, which is presented in the chapter of Employees Benefits and services.

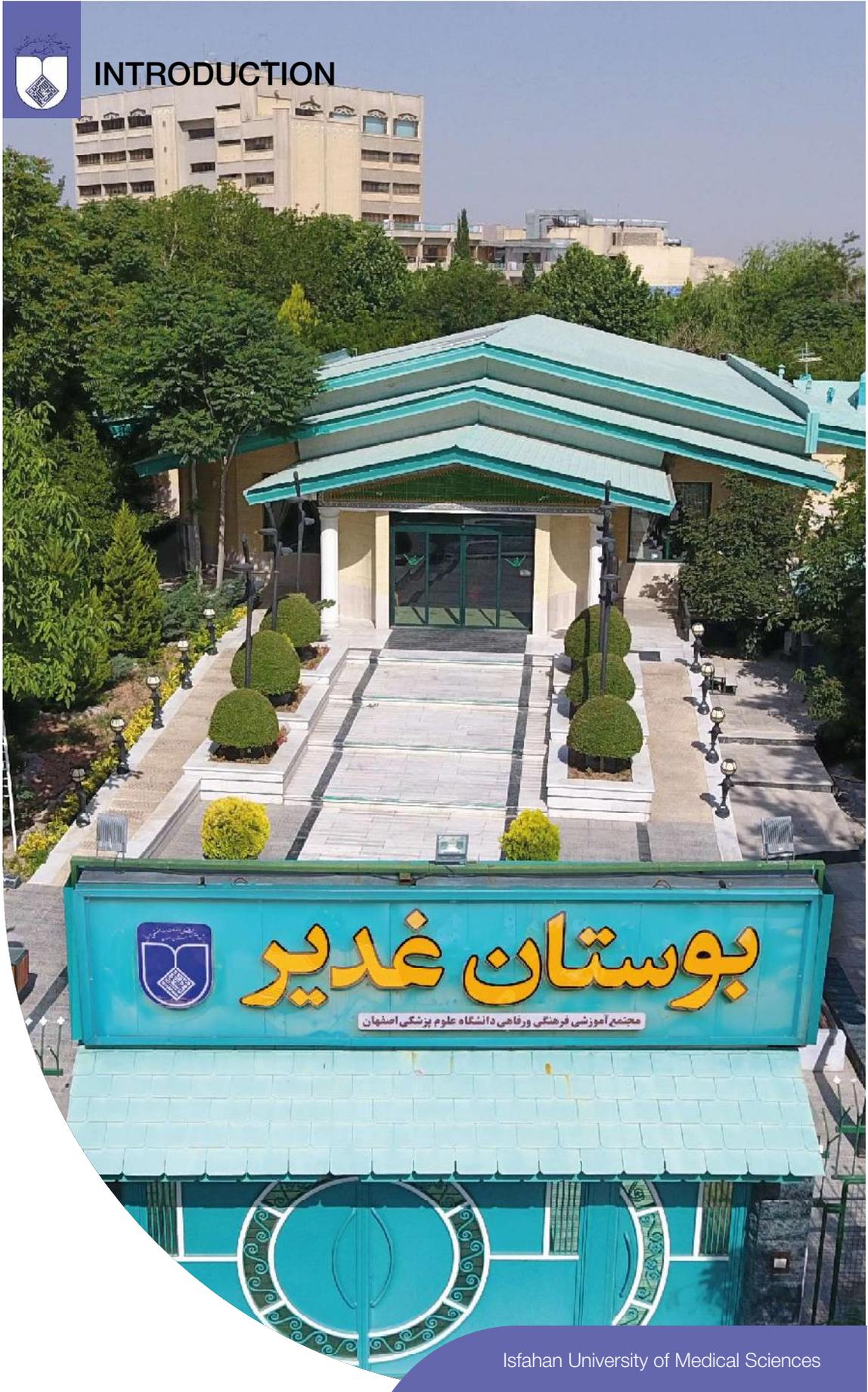
The expansion and coordination of the international relations of this university is done by the Bureau of International Affairs, which can be contacted through international@mui.ac.ir. It is to mention that the joint academic activities of Iranian medical universities with Germany are also coordinated by the above mentioned bureau.

Location wise, Isfahan University of Medical Sciences is in adjacency to the University of Isfahan in the southwestern corner of the city of Isfahan. It lies on the Mount Soffeh foothills. Hence, the university enjoys a panoramic view of the city. The faculty buildings are situated among the spectacularly landscaped green areas of the university campus.

Today, the university campus is located on Hezar-Jerib Avenue in Isfahan. Isfahan University of Medical Sciences is served by high-tech public transportation with excellent bus services to various parts of the city and the subway line runs along the university with two stations serving the campus.



INTRODUCTION





Facilities

This university provides comfortable accommodation, various dining halls, sport facilities, libraries and health services to its students and foreign guests:

- There are three independent dormitories for international students, which accommodate around 300 both gender students. The dormitories are well furnished with suitable facilities and have free transportation facilities to the campus.

- The Dining Halls, namely Central Self-Service Canteen, Persian Gulf Dining Hall, Ghadir Restaurant, Yaas Restaurant and Zeitoon Restaurant, serve premiere offerings for breakfast, lunch and dinner. The featured menu includes the best quality ingredients of favorable Iranian and international foods.

- Indoor and open-air sports are both available on the university campus and at the nearby the dorms. One can choose his/her favorite activities among 22 indoor and outdoor sports including body building, swimming, gym, ping-pong, basketball, volleyball, handball, badminton, football, fitness, cycling, martial arts, shooting, aerobics, soccer, track and fields, tennis and more.

- International students get health insurance coverage and also benefit from the health services that are provided by the Student Health Centers.

- There are libraries within the university campus, which are well equipped with advanced facilities and high-end technology. The services they offer include: librarian advice, information literacy, collection services, reference search, reading areas, etc. Libraries are introduced with more details in the research chapter of this catalog.





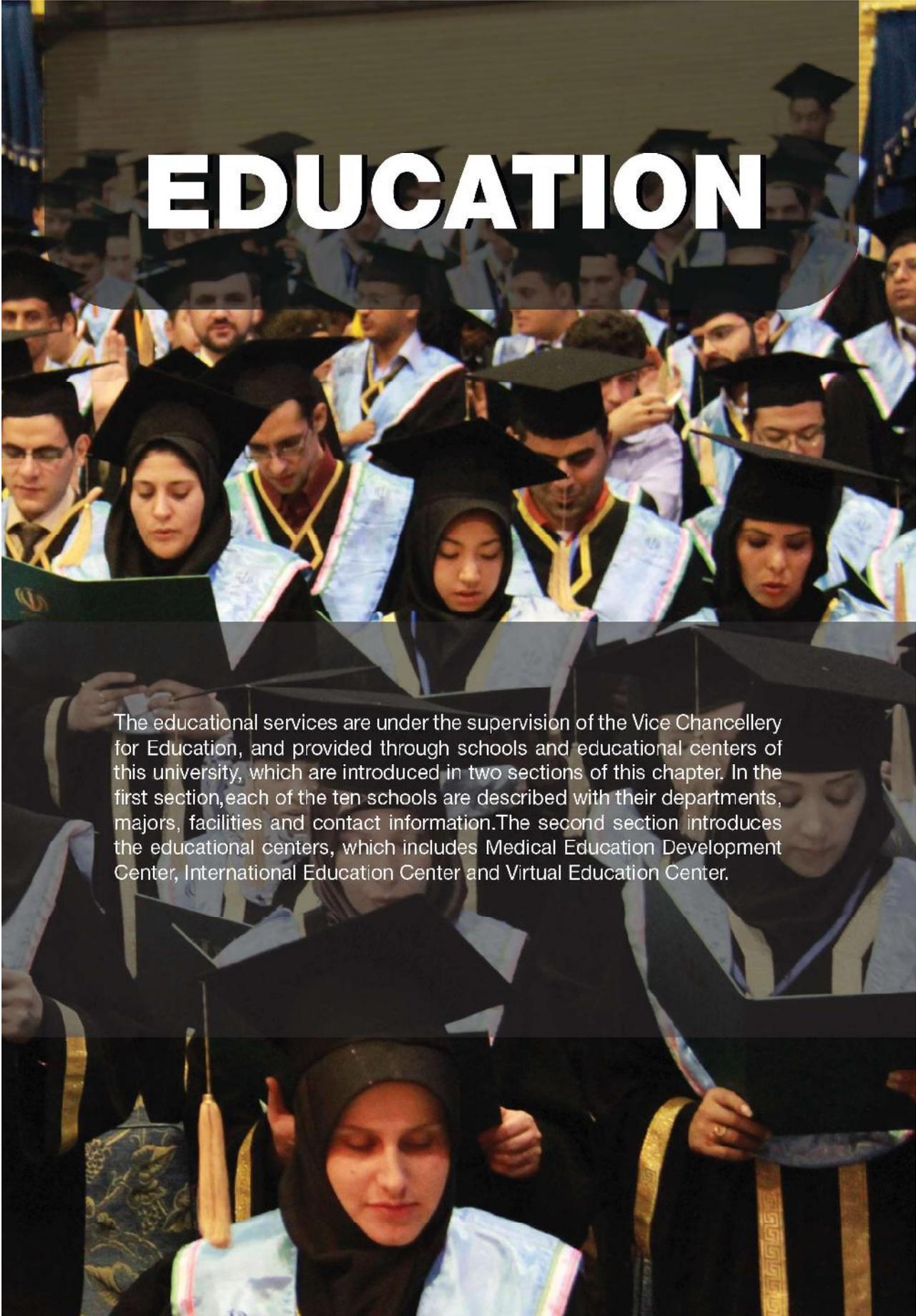
- A range of exciting activities and a range of annual events are held by International Education Center (IEC) for international students, which bring our many diverse communities together. These include award ceremonies, welcome day, Christmas, Yalda, Nowruz all visited by dignitary and heads of university. Outdoor recreational activities include visiting "Bagh-e-Golha", "Imam Square", and "Sofe Mountain".
- Persian language classes are offered to international students by IEC in order to equip students with the language skills needed for their studies. The Language Learning Center, where the classes are held, has a rich assortment of courses to help students reach their educational, professional and personal goals.







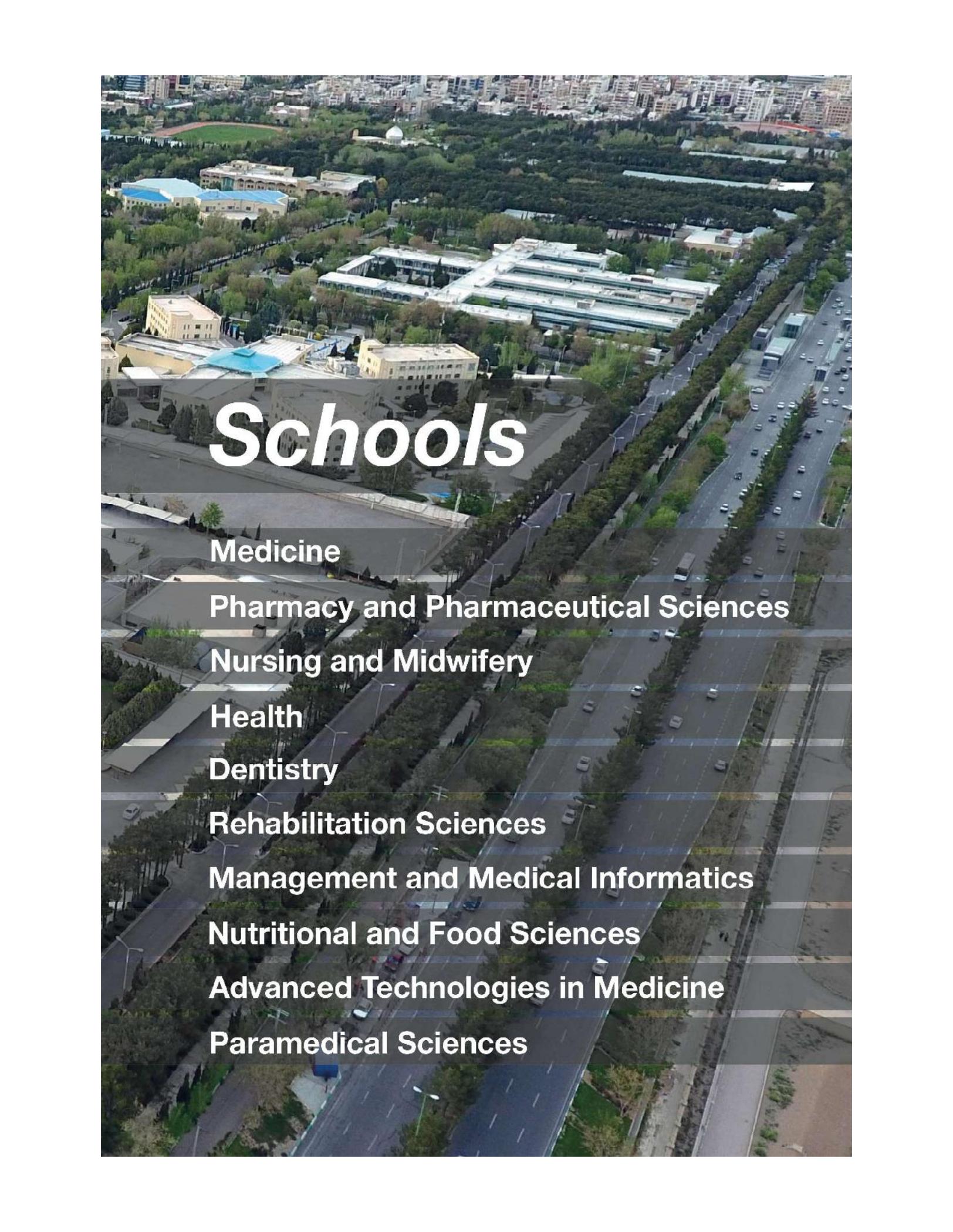




EDUCATION

The educational services are under the supervision of the Vice Chancellery for Education, and provided through schools and educational centers of this university, which are introduced in two sections of this chapter. In the first section, each of the ten schools are described with their departments, majors, facilities and contact information. The second section introduces the educational centers, which includes Medical Education Development Center, International Education Center and Virtual Education Center.



An aerial photograph of a university campus. The image shows a large, multi-story building complex with a central courtyard, surrounded by greenery and trees. A wide, multi-lane road runs diagonally across the lower half of the image, with several cars visible. In the background, a dense urban area with many buildings is visible. The word "Schools" is overlaid in large white text on the left side of the image.

Schools

Medicine

Pharmacy and Pharmaceutical Sciences

Nursing and Midwifery

Health

Dentistry

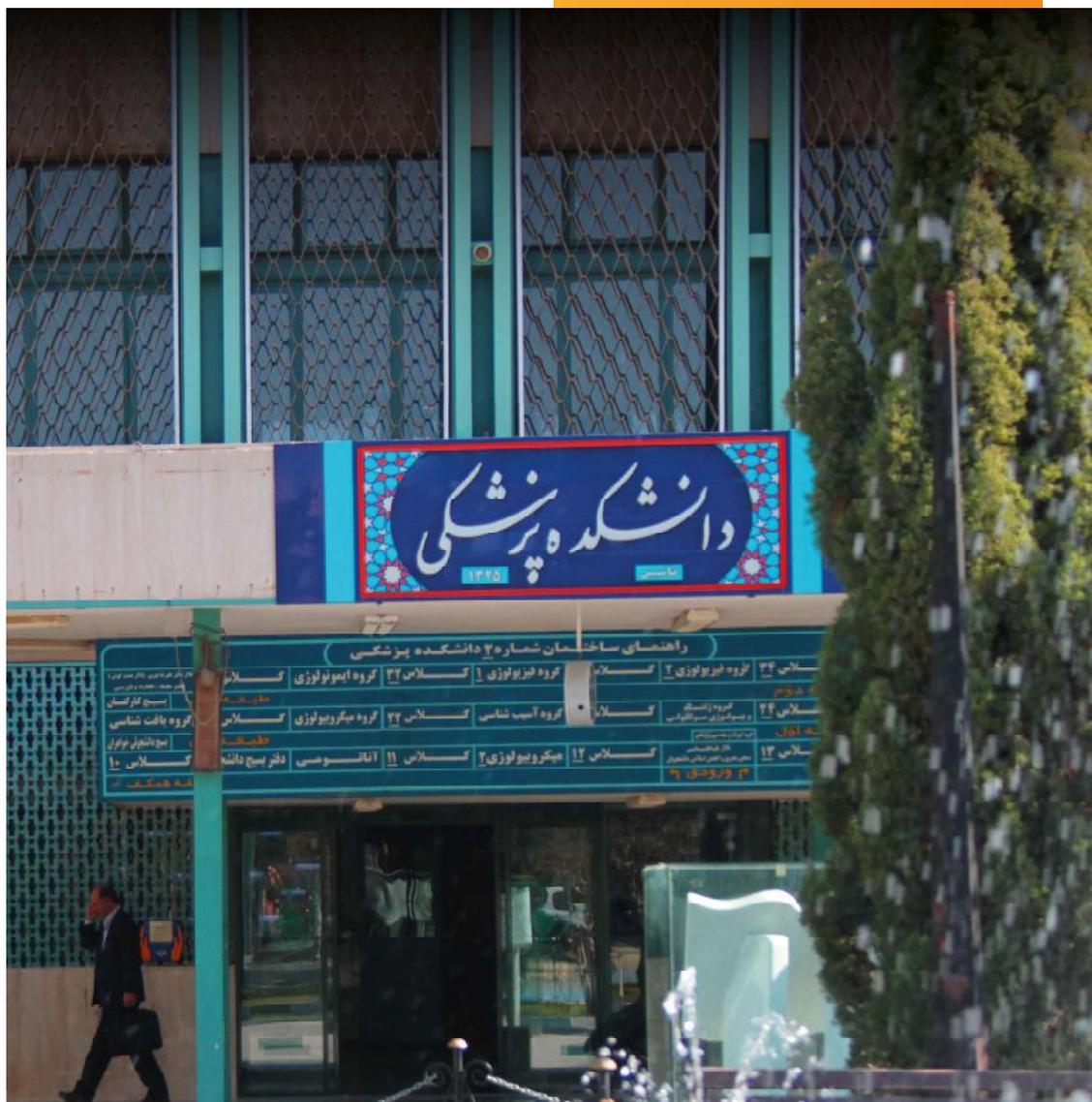
Rehabilitation Sciences

Management and Medical Informatics

Nutritional and Food Sciences

Advanced Technologies in Medicine

Paramedical Sciences



School of Medicine

<http://mui.ac.ir/en/school-med/about>



Introduction

The School of Medicine was founded in 1946, offering a seven year Doctor of Medicine Degree program (M.D.). Over time, other degree programs, namely MSc, PhD, specialties and fellowship programs were also developed at the School of Medicine. Today, this school has 554 active academic members and serves 3157 students, from which 176 are studying a Master degree, 109 a PhD degree, 2038 a General Doctorate degree, 766 a Specialty and 68 subspecialty or Fellowship degree.





Departments

School of Medicine comprises of 33 educational departments, from which 24 are clinical sciences departments and 9 are basic sciences departments. The departments are as follows:

Basic Sciences Departments

- Anatomical Sciences
- Bacteriology and Virology
- Medical Genetics and Molecular Biology
- Immunology
- Medical Physics
- Parasitology and Mycology
- Persian Medicine
- Physiology
- Islamic Education

Clinical Sciences Departments

- Anesthesiology
- Cardiology
- Infectious Diseases and Tropical Medicine
- Clinical Toxicology
- Community Medicine and Health Sciences
- Dermatology
- Otolaryngology-Head and Neck Surgery
- Physical Medicine and Rehabilitation
- Emergency Medicine
- General Surgery
- Health Psychology
- Obstetrics and Gynecology
- Internal Medicine
- Urology
- Medical Ethics
- Neurology
- Neurosurgery
- Radiation Oncology
- Ophthalmology
- Orthopedics
- Pathology
- Pediatrics
- Psychiatry
- Radiology





Majors

A wide range of different degree programs are provided at the School of Medicine, some of which are as follows. For more detailed information please visit our website.

- Postgraduate programs

Anatomical Sciences, Bacteriology, Circulation Technology, Immunology, Medical Genetics, Medical Imaging Technology, Medical Physics, Molecular Medicine, Parasitology, Persian Medicine, Physiology, Mycology

- Specialty programs

Anesthesiology, Cardiology, Community Medicine, Dermatology, Otorhinolaryngology-Head and Neck Surgery, Emergency Medicine, Family Medicine, General Surgery, Infectious Diseases and Tropical Medicine, Internal Medicine, Neurology, Neurosurgery, Obstetrics and Gynecology, Ophthalmology, Orthopedics, Pathology, Pediatrics, Physical Medicine and Rehabilitation (PM&R), Psychiatry, Radiation Oncology, Radiology, Urology



Subspecialty programs

Adult:

Intensive Care (ICU), Rheumatology, Adult Hematology and Oncology, Gastroenterology and Hepatology, Endocrinology and Metabolism, Pulmonary Medicine, Nephrology, Plastic and Reconstructive Surgery, Cardiovascular Surgery, Plastic Surgery, Thoracic Surgery, Rheumatology

Pediatric:

Pediatric Gastroenterology and Hepatology, Pediatric Cardiology, Pediatric Neurology, Pediatric Endocrinology and Metabolism, Pediatric Surgery, Neonatal Medicine, Child and Adolescent Psychiatry



Fellowship programs

Neuroanesthesia, Cardiac Anesthesia, Pediatric Anesthesia, Neurosurgery Anesthesia, Cornea and External Eye Diseases, Vitreo-Retinal, Interventional Cardiology, Echocardiography, Pediatric Neurosurgery, Burn Surgery, Spinal Surgery, Epilepsy, Behavior and Neuropsychiatry, Clinical Toxicology, Endoscopic Gynecology, Gynecology Oncology, Infertility, Maternal Fetal Medicine, Sleep Medicine, Pediatric ICU

Facilities

School of Medicine is equipped with numerous professional labs, including Cell Culture Lab, Histology Lab, Molecular Biology Lab, Protein Lab, Flow Cytometry Lab, Electronic Lab, Medical Physics Lab, Medical Optic Lab, Ultrasound Signal Processing Lab, Image Processing Lab, Bacteriology Lab, Molecular Microbiology, Parasitology Teaching Lab, Mycology Teaching Lab, Immunology-Parasitology Research Lab, Molecular Parasitology Research Lab, Mycology Research Lab, Histopathology and Taxonomy Research Lab, General Physiology Lab, Endocrine Lab, Neurophysiology Lab, Kidney, Renal Physiology Lab, Gastrointestinal Physiology Lab, Virology Research Lab



Contact us

Visit our school's website at:
<http://mui.ac.ir/en/school-med/about>

Or Email us at:
international@med.mui.ac.ir
dean@med.mui.ac.ir





School of Pharmacy and Pharmaceutical Sciences

<http://mui.ac.ir/en/school-pharm/about>



Isfahan University of Medical Sciences



Introduction

The school of Pharmacy and Pharmaceutical Sciences is one of the top ranked schools in the nation. The first postgraduate degree program of this school, which was MSc of Biochemistry, was established in 1960. At present, this school has more than 60 academic members and serves about 600 undergraduate and 30 postgraduate students. The school aims at training successful pharmacists and promoting pharmaceutical research programs.



Departments

The school has seven departments, which are as follows:

- Pharmacology and Toxicology
- Pharmacognosy
- Pharmaceutical Chemistry
- Pharmaceutics
- Clinical Biochemistry
- Pharmaceutical Biotechnology
- Clinical Pharmacy
- Pharmacy Practice



Majors

This school offers the students with a Doctorate of Pharmacy program, a post-doctoral fellowship in Medical Chemistry, and four Master of Science programs, namely Master of Pharmacy (M Pharm), Clinical Biochemistry, Pharmacology & Toxicology, and Medical Chemistry. Also, seven PhD programs are offered at this school as follows: Medicinal Chemistry, Pharmacology, Pharmaceutics, Clinical Pharmacy, Clinical Biochemistry, Pharmacognosy, Pharmaceutical Biotechnology, Pharmaceutical Nanotechnology. For more detailed information please visit our website: <http://mui.ac.ir/en/school-pharm/about>





Facilities

This school has several labs, including: Pharmacology and Toxicology, Cell Culture, General Chemistry, Analytical Chemistry, Organic Chemistry, Pharmaceutical Analysis, Instrumental Analysis, Semisolid Products, Solid Dosage Forms, Quality Control, Molecular Biotechnology and Recombinant Protein Production.

There is also a model pharmacy and more than five teaching pharmacies wherein different categories of medications are provided in order to develop a real-condition pharmacy and facilitate the education of the pharmacy students. Two well-equipped standard laboratories and a herbarium for medicinal plant authentication and conservation are also available for students and scholars.





Contact us

Visit our school's website at:
<http://mui.ac.ir/en/school-pharm/about>

Or Email us at:
dean@pharm.mui.ac.ir



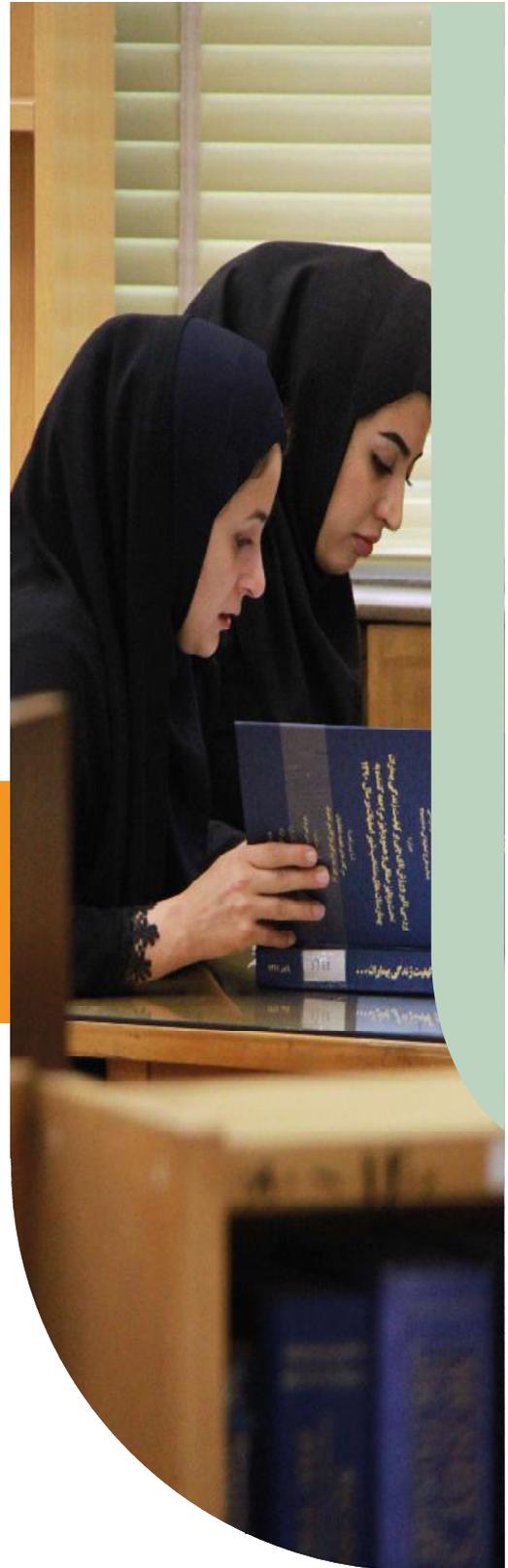
School of Nursing and Midwifery

<http://mui.ac.ir/en/school-nurs/about>



Introduction

The School of Nursing and Midwifery was established in year 1968. It first started with training courses in the field of nursing and midwifery, which were transformed into undergraduate degree programs later on. It then grew further by adding other degree programs such as Surgical Technology, Medical Surgical Nursing, Public Health, Pediatric, Psychiatric Nursing, Management Disciplines and Reproductive Health, as well as offering post graduate degree programs. This school has gained the first national ranking among the medical schools of the country in the past 15 years. Today, the School of Nursing and Midwifery has 80 academic members and serves more than 1100 undergraduate and 300 postgraduate students.





Departments

The school has seven departments, which are as follows:

- Adult Health Nursing
- Critical Care Nursing
- Psychiatric Nursing
- Pediatric Nursing
- Surgical Technology
- Midwifery and Reproductive Health
- Community Health Nursing
- Management

Majors

Three majors are offered to undergraduate students: Nursing, Midwifery and Surgical Technology. At graduate and postgraduate levels, the following majors are offered: Adult Health Nursing, Critical Care Nursing, Emergency Nursing, Geriatric Nursing, Community Health Nursing, Psychiatric Nursing, Pediatric Nursing and Neonatal Intensive Care Nursing, Reproductive Health, Midwifery Education, Community-Based Midwifery and Forensic Midwifery and Surgical Technology.



Facilities

This school is equipped with Clinical Skill Lab and advanced educational stimulators and facilities by which students can practice clinical procedures. There are six classes for teaching basic clinical skills as well as classes for Physical Examination, Pediatric Intensive Skills, ICU, CCU, Emergencies, Midwifery, and Health and Operating Room.

Contact us

Visit our school's website at:

<http://mui.ac.ir/en/school-nurs/about>

Or Email out International Affairs' officer at:

sedighefarzi@nm.mui.ac.ir





School of Health

<http://mui.ac.ir/en/school-hlth/about>



Introduction

Prior to the establishment of a separate school in the field of Health, Isfahan University of Medical Sciences had first established a department of Public Health in the School of Medicine in year 1969, which later started offering Bachelor of Public Health in 1978. The today's school of Health was officially established in year 1992. Currently, 34 academic members are active at this school; it serves 347 undergraduate and 269 postgraduate students.

The School of Health aims at providing high level of education and new research and strengthening health capacities and services in order to prevent illnesses and injuries.

Also, ensuring people living in a safe and clean environment, having healthy eating and lifestyle habits as well as developing policies and programs to reduce health disparities and improving health, safety and healthcare services is the aim of this school.



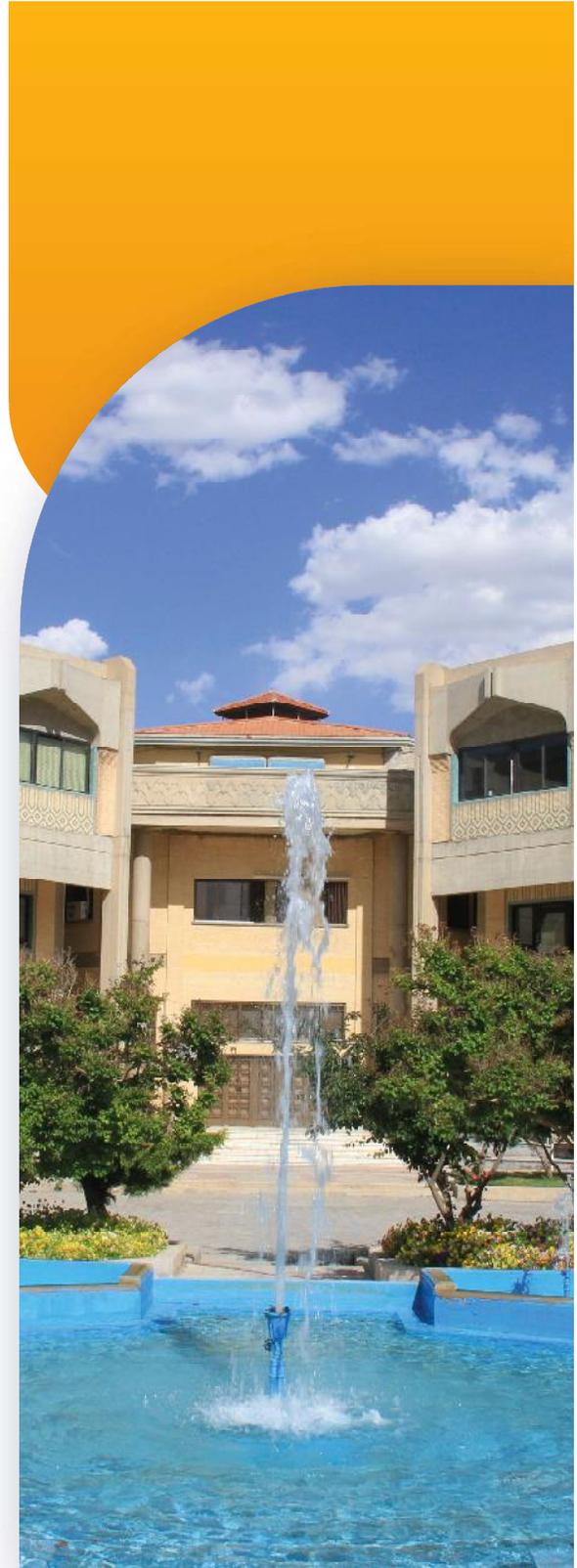


Facilities

The school has 22 laboratories, namely Chemical Hazards, Occupational Toxicology, Lighting, Climatic chamber, Sound and Vibration, Industrial ventilation, Ergonomics, Cognitive Ergonomics, Safety, Radiation, Environmental Toxicology, Water and Wastewater Chemistry, Air Pollution, Central Analytical Chemistry, Molecular Cell, Solid Waste, Instrument Analysis Preparation, Hydraulic, Environment Microbiology, Waste , Media Lab, and Research Laboratories for master's and doctoral students.

Departments

School of Health is divided into four departments, namely Occupational Health and Safety Engineering, Environmental Health Engineering, Health Education and Health Promotion, Epidemiology and Biostatistics.





Majors

The school offers undergraduate majors in Occupational Health and Safety Engineering, Environmental Health Engineering, and Public Health; it also offers Master of Science and PhD in Occupational Health and Safety Engineering, Health, Safety and Environment (HSE MSc), Environmental Health Engineering (MSc, PhD), Environmental Toxicology (MSc), Health Education and Promotion (MSc, PhD), Elderly Health (MSc), Epidemiology (MSc, PhD), and Biostatistics (MSc, PhD).



Contact us

Visit our school's website at:
<http://mui.ac.ir/en/school-hlth/about>

Or Email out International Affairs' officer at:
habibi@hlth.mui.ac.ir



School of Dentistry

<http://mui.ac.ir/en/school-dent/about>





Introduction

The School of Dentistry was established in 1975. It started with 1 department and 9 academic members which has grown to 12 departments and 112 faculty members and around 700 undergraduate students and 100 postgraduates. This school is among the top five Iranian dental schools. It offers both patient care services and academic programs allowing dentists to train as specialists.





Departments

School of Dentistry comprises of 12 departments, as follows:

- Endodontic
- Oral and Maxillofacial Surgery
- Oral Public Health
- Oral Medicine
- Operative Dentistry
- Orthodontics
- Pedodontics
- Periodontics
- Prosthodontics
- Oral and Maxillofacial Pathology
- Oral and Maxillofacial Radiology
- Dental Implants



Majors

The School offers a variety of majors to the students including, Bachelor of Science in Dental Prosthodontics, General Doctorate Degree in Dentistry (DDS), PhD in Oral Public Health, fellowship programs in Hospitalized Dentistry, Implant Surgery and Prosthodontics, and ten other postgraduate programs.



Facilities

The School of Dentistry is equipped with training clinics, laboratories, a computer site and conference halls. There are 10 undergraduate and 10 post-graduate training clinics with more than 300 dental unit chairs, which are located in different departments and are furnished with all the necessary dental facilities based on the requirements of the courses.

The school also has three laboratories, namely: Central Laboratory, Prosthodontics Laboratory, and Preclinical Laboratory.



Contact us

Visit our school's website at:

<http://mui.ac.ir/en/school-dent/about>

Or Email us at:

F-keshani@dnt.mui.ac.ir (Forooz Keshani,
International Affairs Director of the
School of Dentistry)





School of Rehabilitation Sciences

<http://mui.ac.ir/en/school-rehab/about>



Isfahan University of Medical Sciences



Introduction

The School of Rehabilitation Sciences was established in 1992. This school has been offering undergraduate degree programs since then and has added post graduate degrees later on. PhD degrees in Orthotics and Prosthetics were also added to the existing programs in year 2016. Today, this school has 37 academic members and serves about 446 undergraduate students and about 94 postgraduate students including 14 PhD students. The School of Rehabilitation Sciences aims to obtain scientific excellence in three areas:

- Bridging between rehabilitation sciences and wealth
- Using new technologies to improve elderly lives
- Raising public awareness of rehabilitation sciences



Departments

The School of Rehabilitation Sciences is consisted of the following departments:

- Audiology
- Occupational Therapy
- Orthotics and Prosthetics
- Physiotherapy
- Speech Therapy.



Majors

The school offers undergraduate majors in the field of Audiology, Occupational Therapy, Orthotics and Prosthetics, Physiotherapy, and Speech Therapy. It also offers Master of Science in Orthotics and Prosthetic, Physiotherapy and Speech Therapy, and PhD in Orthotics and Prosthetics.



Facilities

The School of Rehabilitation Sciences has several clinics for students and scholars. Clinics that offer various therapeutic services at this school are Audiometry Clinic, Occupational Therapy Clinic, Cleft Lip and Palate Clinic, Orthotics and Prosthetics Clinic, Physiotherapy Clinic, and Speech Therapy. Some of the clinics of this school are actively located at some university hospitals, including Alzahra and Ayatollah Kashani.

Contact us

Visit our school's website at:

<http://mui.ac.ir/en/school-rehab/about>

Or Email us at:

tavanbakhshi@mui.ac.ir





School of Management and Medical Informatics

<http://mui.ac.ir/en/school-mng/about>





Introduction

The School of Management and Medical Informatics was established in year 1993. This school has been offering undergraduate degree programs since then. It later added offering Master of Science degree programs in 2005 and PhD degree programs in 2013. Today this school has 40 academic members serving 180 undergraduate and 103 postgraduate students.



Facilities

This school is equipped with a language laboratory, as well as some computer sites, three of which are only for postgraduate students. A library and study hall are also available for students.



Departments

This school is consisted of the following departments:

- Healthcare Services Management
- Management and Health Information Technology
- Medical Librarianship and Information Sciences
- Health and Social Welfare
- Health in Disasters and Emergencies
- General Courses
- Foreign Languages



Majors

The school offers undergraduate majors in Healthcare Services Management, Health Information Technology and Medical Librarianship and Information Sciences; it also offers postgraduate majors, including Master of Science and PhD in Healthcare Services Management, Health Economics, Health in Disasters and Emergencies, Health Information Technology, Medical Librarianship and Information Sciences, and Health and Social Welfare.

Contact us

Visit our school's website at:

<https://mui.ac.ir/en/school-mng/about>

Or Email out International Affairs' officer at:

akbari@mng.mui.ac.ir



School of Nutrition and Food Sciences

<http://mui.ac.ir/en/school-nutr/about>



Introduction

Prior to the establishment of a separate school in the field of Nutrition and Food Sciences, Isfahan University of Medical Sciences had first established a Department of Nutrition in the School of Health in year 1987, which offered Bachelor of Nutrition to the students. School of Nutrition and Food Sciences was officially established in year 2009. Today, 23 faculty members are active at this School and the school is serving 180 undergraduate and 86 postgraduate students. The School aims at improving the understanding of how diet influences health at molecular and population levels. It also supports developing nutritional strategies and the dissemination of nutrition information to health professionals and the public.





Departments

The school is consisted of the following departments:

- Clinical Nutrition
- Community Nutrition
- Food Technology and Science.

Majors

The school offers undergraduate major in Nutritional Sciences and Master's degree in Nutritional Sciences, Health Sciences in Nutrition, Food Health and Safety, and PhD degree in Nutritional Sciences.



Facilities

This School is equipped with four laboratories, namely Food Microbiology Lab, Molecular Biology Lab, Nutrition Research Lab, and Reference Lab.

Contact us

Visit our school's website at:

<http://mui.ac.ir/en/school-nutr/about>

Or Email out International Affairs' officer at:

saneei@nutr.mui.ac.ir





School of Advanced Technologies in Medicine

<http://mui.ac.ir/en/school-advtech/about>





Introduction

Prior to the establishment of an independent school, Isfahan University of Medical Sciences had first established a Department of Physics and Biomedical Engineering in the School of Medicine in year 1999. Later, the School of Advanced Technologies in Medicine was established in year 2012. Today, 22 faculty members are active at this school and the school is serving 43 Masters and 43 PhD students. It is to mention that 109 Masters and 17 PhD students have graduated from this school until year 2022. This school aims at advancing engineering knowledge and novel biomedical technology, which can improve human health.



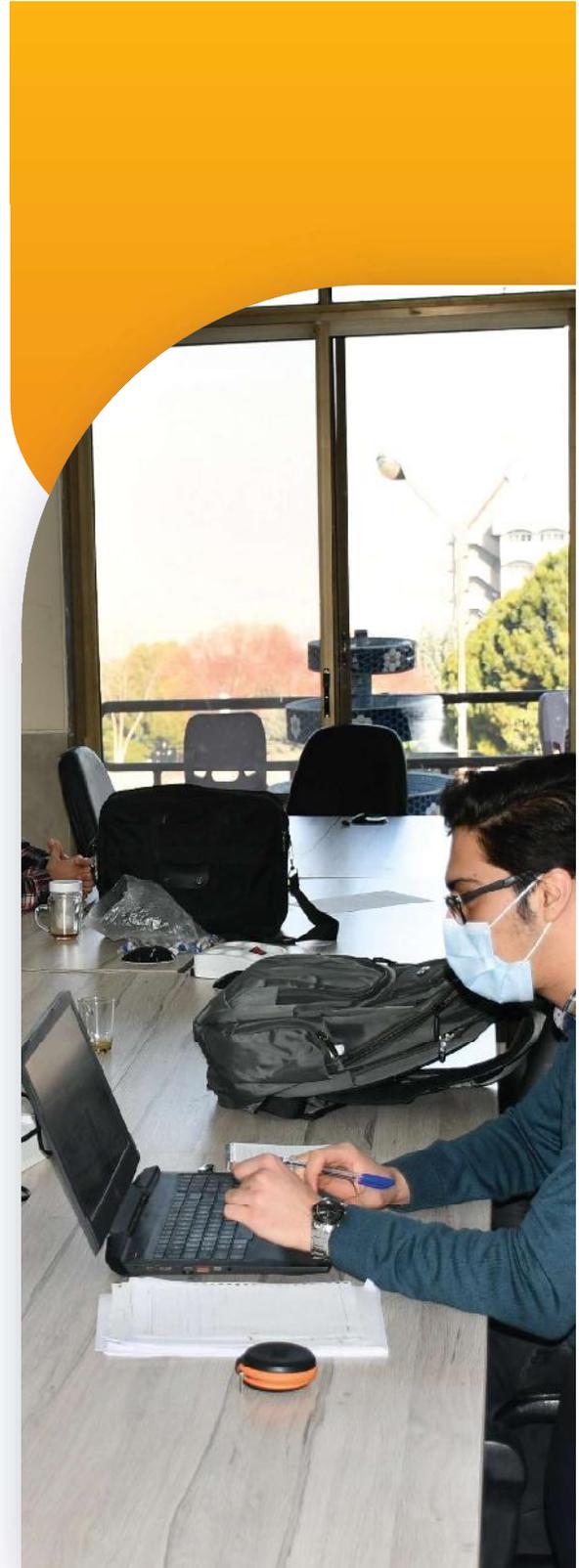
Departments

This School is consisted of the following departments:

- Bioelectrical Engineering
- Biomaterial Engineering
- Bioinformatics
- Bioimaging

Majors

The school offers Master degree in Bioelectrical Engineering and Biomaterial Engineering and PhD degree in Bioelectrical Engineering, Neuroimaging, Bioinformatics, and Tissue Engineering.





Facilities

The School of Advanced Technologies in Medicine is equipped with sixteen professional laboratories, a Linux Cluster Computer lab, a Clinic of Therapeutic Games and a Mini Cluster with GPU for Parallel Processing in Deep learning Method.



Contact us

Visit our school's website at:

<http://mui.ac.ir/en/school-advtech/about>

Or Email out International Affairs' officer at:

amt@nm.mui.ac.ir



School of Paramedical Sciences



Introduction

Prior to the establishment of a separate school, the paramedic students were studying at the School of Medicine. The School of Paramedical Sciences was established in year 2015. Five hundred fifty three undergraduate students are being served at this school.

Departments

The school is divided into 4 departments, which are as following:

- Medical Laboratory Sciences
- Radiology Technology
- Anesthesia Technology
- Emergency Medical Services (EMS).

Majors

The school offers Associate or Bachelor degree programs in Medical Laboratory, Radiology Technology, Anesthesia Technology, and Prehospital Emergency Care.

Facilities

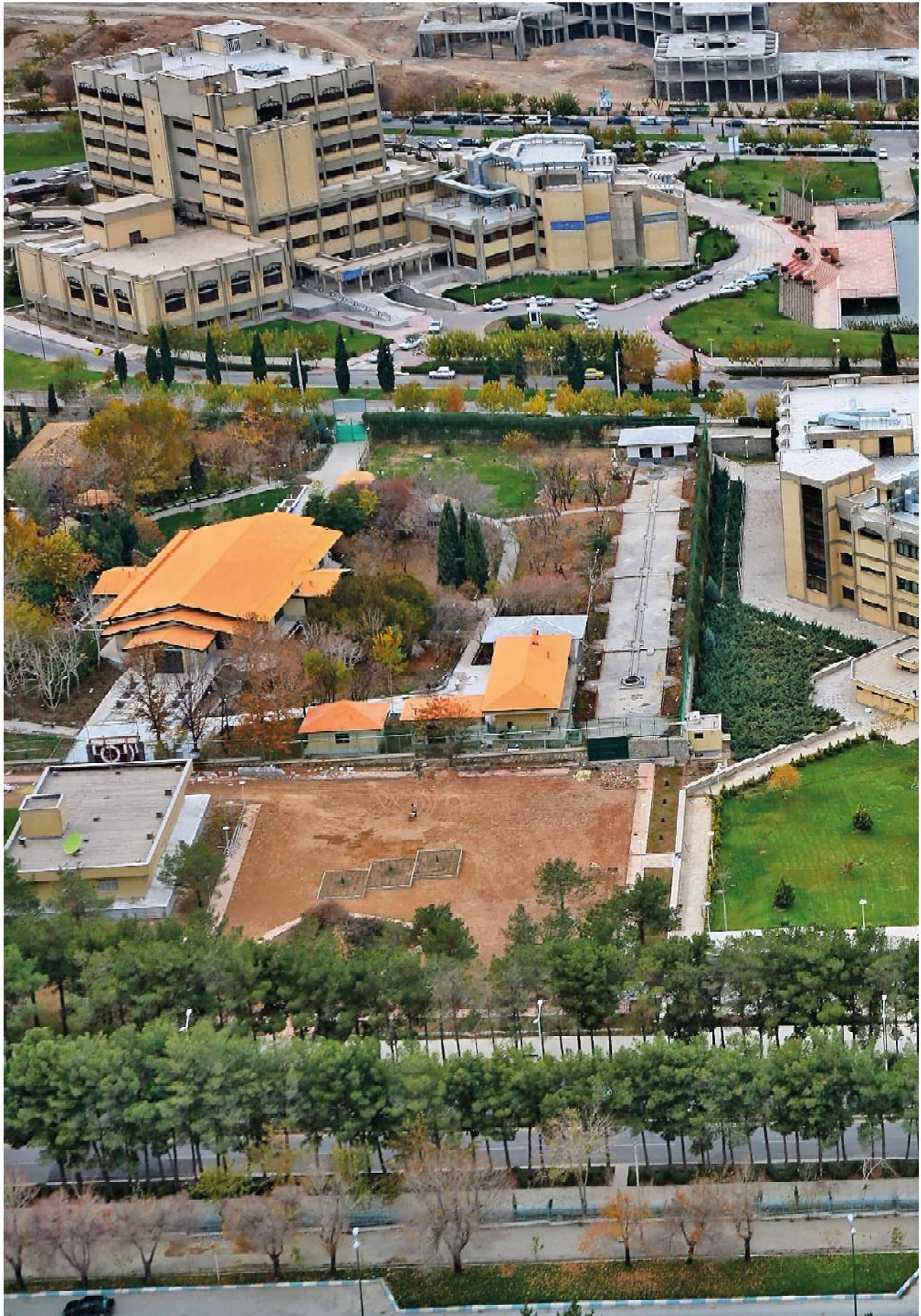
This school is currently using the facilities of the School of Medicine.

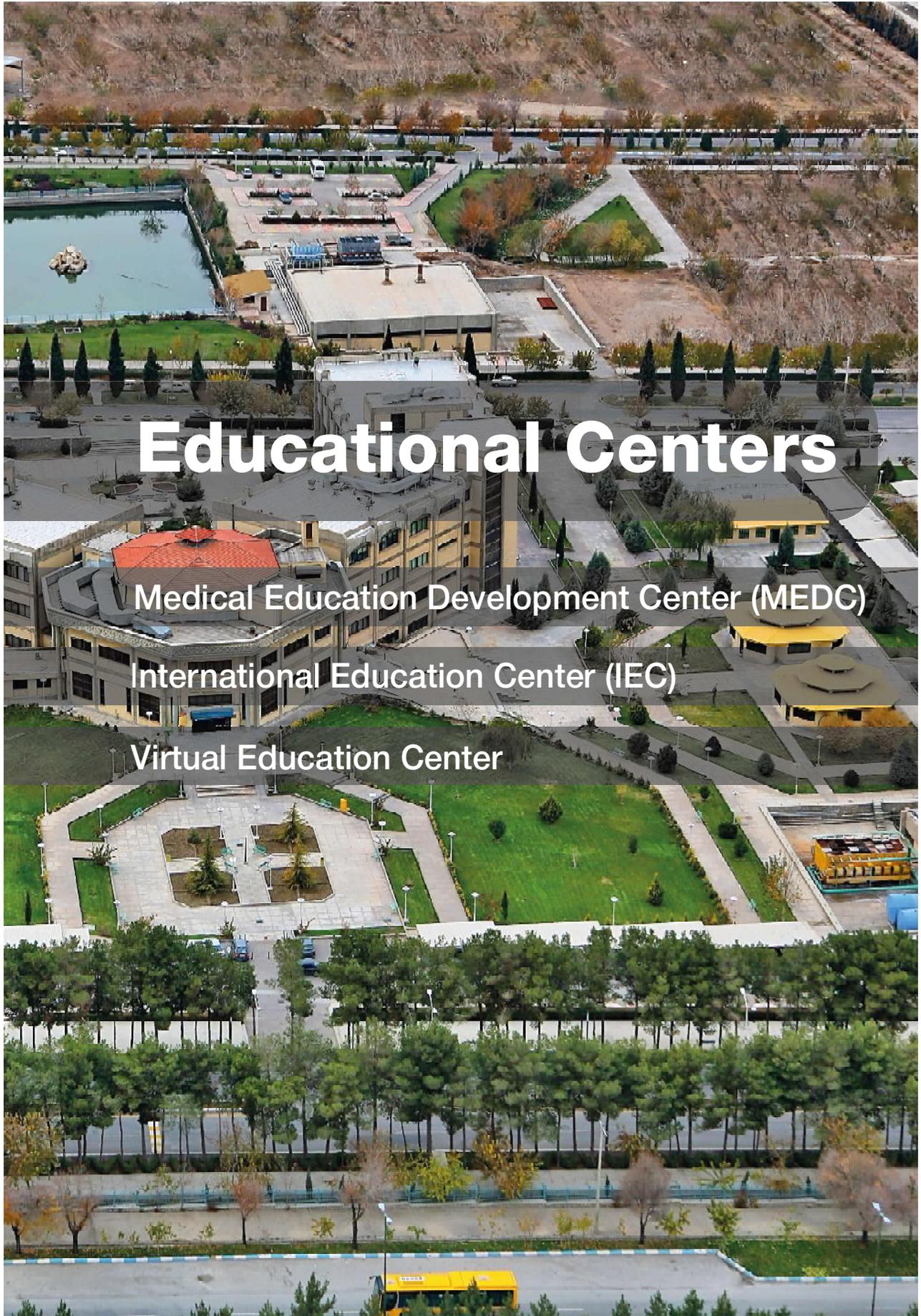
Contact us

Email us at:

international@med.mui.ac.ir





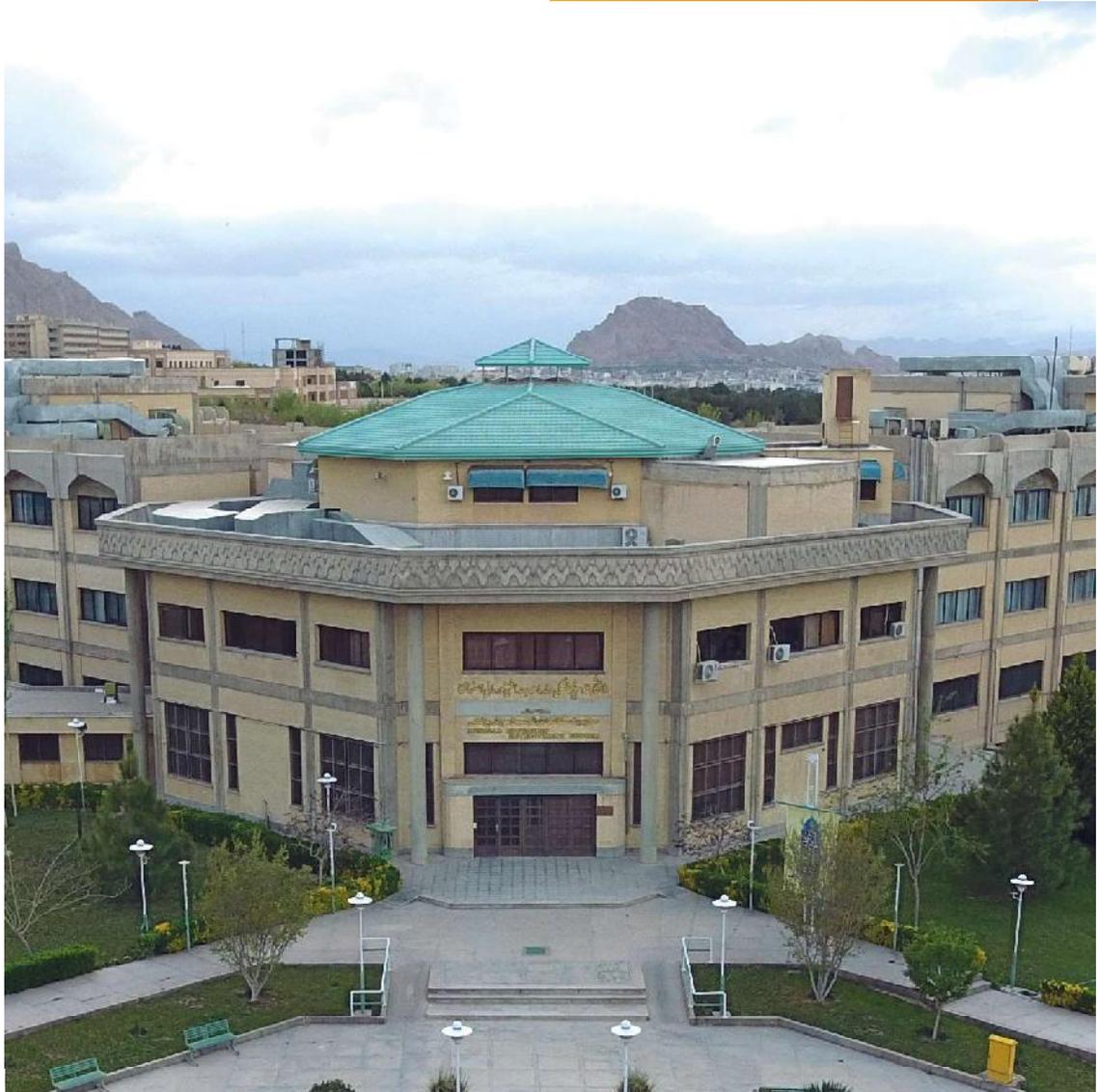


Educational Centers

Medical Education Development Center (MEDC)

International Education Center (IEC)

Virtual Education Center



Medical Education Development Center





The Medical Education Development Center (MEDDC) of Isfahan University of Medical Sciences and Health Services was established in 1988 in response to the growing demand of the Educational activities. Having top capacity in medical education, this center was recognized as the second rank among MEDDCs of medical universities by the Ministry of Health and Medical Education in 2005 and also as the first rank in quality development in 2016. Today, this center has grown to such an extent that it has become one of the pioneer centers of its own kind and an educational pole in the country.





This center is in charge of academic member empowerment; leading (and maintaining) educational research; evaluating educational activities such as evaluating programs, teachers and students; curriculum development; promotion of teaching and learning; promoting clinical education and providing programs leading to MS and PhD degrees in Medical Education. Also, another integral responsibility of this center is to recognize and support talented students and help them develop and grow in their field of interest.

Some of the main activities and innovations of MEDC are as follows:

- Developing the institutional accreditation system for all Iranian Medical Universities
- Designing the process and structure of program accreditation system for all Iranian health professions educational programs
- Holding workshops, educational programs, and clinical skill trainings
- Providing consultations regarding the design and revision of the education curricula according to community's needs and job description of the health professionals
- Publishing Iranian Journal of Medical Educational, which encompasses articles related to community oriented medical education



- Providing Consultation to other researchers of the university who are active in the same research field
- Approving and funding any research that is performed in the entire university in the field of Medical Education
- Providing technical and financial support for the thesis of PhD, MSc and medical students, which are in the field of Medical Education
- Designing and running Continuous Medical Education courses through formal lectures, seminars, journal clubs, symposia, workshops and e-learning programs

It is also commendable to mention that Clinical Skills Learning Center (CSLC) and the Virtual Education Center (VEC) of this university are both under MEDC's supervision:

- Clinical Skills Learning Center (CLSC) provides learning facilities for students in different disciplines of medical fields that are offered at this university and also cooperates in developing and running clinical examinations such as OSCE and KF. This center aims at preparing medical students for clinical environments and real patients by providing related facilities and professional trainers. The center has also been nominated as a Center of Excellence in Clinical Skills Learning.
- Virtual Educational Center, with an equipped high tech audio and visual studio, provides the required facilities in order to prepare e-learning materials for formal courses, Continuing Medical Educational (CME) programs and faculty development programs. This unit is introduced with more details in a separate section of this chapter.





International Education Center (IEC)





International Education Center is in charge of the international students of Isfahan University of Medical Sciences in every regard. This center was founded in 2016 and its mission is to provide affordable, high-quality medical education to qualified international students. IEC achieves its mission through providing a supportive and stimulating environment in which the students can reach their full potential that includes cutting-edge research facilities and unrivalled resources across the disciplines, as well as personal and welfare support, academic guidance and a sense of community throughout the students' time here.

The IEC is in Martyr Suleimani building and is led by the center's director, manager of International Education. The director is supported by full-time staff with expertise in the fields of: International Admissions, Courses and Programs and International Student Services - all of whom carry responsibilities related to students and faculty support, plus programmatic activities and initiatives.



IEC Measures

1. Opening a channel for foreign students

As the IEC is in charge of international students, all the process of the admissions in the university are done by this center. Therefore, it has created its own website, and prospective students can apply directly on the IEC website.

Currently, our international students are from more than 14 different nations, including India, Australia, Brazil, the United Kingdom, Sri Lanka, Tanzania, Kuwait, Lebanon, Bahrain, Syria, Iraq, Pakistan, and Saudi Arabia.

2. Offering short-term & online courses in English medium

The center offers a number of short-term courses as well as online courses in English to provide a fantastic educational opportunity for international students to learn from experience and knowledge of international speakers. At the end, it gives the applicants an international certificate.

3. Acquiring world-class rankings for Isfahan University of Medical Sciences

In the era marked by globalization, the IEC has participated in the Times Higher Education (THE) World University Rankings for three consecutive years, and attained the best ranks in the Isfahan University of Medical Sciences' history.



- The Asia university Ranking has been 251-300 in year 2022.
- The World Higher Education Ranking has been 801-1000 in years 2020 ,2021 and 2022.
- Times Impact Ranking has been 300-400 in year 2022, which is the 3rd rank among medical universities in Iran.



4. Providing different Digital Platforms

For the convenience of students and having easy access to all university's information, IEC provides the following platforms: website, social media, and also does advertising measurements.

- **Website:** IEC has provided good information and access for applicants and students on its website. On the website, users can apply for new intakes, visit programs, location, and accreditations, and also read the latest news, events, and regulations related to international affairs. To find all the information on IEC website, visit the address below: www.iedu.mui.ac.ir.

- **Social media:** IEC has official accounts on Instagram, Twitter, LinkedIn, and YouTube to attract new students, and also to share some information for students.

- **Advertising measurements:** To introduce Isfahan University of Medical Sciences to foreigners, IEC not only has made some video clips and teasers, but also publishes yearly catalogues.





5. Establishing three dormitories for international students

Since accommodation has been always one of the most significant concerns for foreign students, the IEC has established three dormitories named Noor, Baharestan and Ebn-e Sina that are well furnished and provide a safe and convenient environment with suitable facilities for international students to develop their social maturity. International students can choose their favorite room for accommodation based on their budget.

The dorms are not only located in the best parts of the city but also have easy access to shopping malls and medical centers. All dormitory buildings are easy to reach the university, using public transports; however, Isfahan University of Medical Sciences' students are supplied with a free transportation system, too. A fleet of buses transfers students from dormitories to all school premises on the campus.

6. Holding workshops and events

IEC delivers a range of workshops helping international students build skills to respond to the demands of life at university and improve a variety of academic skills. Besides, IEC hosts many exciting activities on university campuses throughout the year. It proudly supports and manages a range of annual events which bring our many diverse communities together. These include award ceremonies, welcome day, Christmas, Yalda, Nowruz, and visits by dignitaries and heads of university.





PROGRAMS

There are a number of higher education qualifications available to prospective students at undergraduate (professional doctorate, BSc), postgraduate (MSc, PhD), specialty, subspecialty, and fellowship levels in various fields of study. Presently, the University has students in different majors as below. For further information about all majors, visit IEC website.

- Undergraduate: Doctor of Medicine (MD), Doctor of Dental Surgery (DDS), Doctor of Pharmacy (Pharm.D), MBBS, Nursing, Midwifery, Bachelor of Dental Surgery (B.D.S), Operating Room, Environmental Health, Nutrition, Physical Therapy.

- Postgraduate: Nursing, Midwifery, Microbiology, Biotechnology, Medical Genetics, Anatomical Sciences, Molecular Genetics, Parasitology, Mycology, Immunology, Iranian Traditional Medicine, Physiology, Medical Imaging Technology, Pharmaceutical Nanotechnology, Industrial Pharmacy, Pharmacognosy, Reproductive Health, Environmental Health Engineering, Nutrition and Food Sciences, Medical Education, etc.

- Specialty: Radiology, Cardiology, ENT (Ears, Nose and Throat), Neurology, Orthopedics, Psychiatry, Dermatology, Urology, General Surgery, Obstetrics and Gynecology, Infectious Diseases and Tropical Medicine, etc.

- Subspecialty: Pediatric Cardiology, Cardiovascular Surgery, Endocrinology and Metabolism, Hematology and Oncology, Neonatology and Perinatology, Nephrology, Plastic Surgery, Pediatric Gastroenterology, Child and Adolescent Psychiatry, Gastroenterology and Hematology, etc.

- Fellowship: Laparoscopy, Neuroanesthesia, Adult Congenital Heart Disease, Infertility, Pediatric Anesthesia, Endoscopic Gynecology, Pediatric Neurosurgery, Cardiac Anesthesia, etc.





Virtual Education Center





E-learning at Isfahan University of Medical Sciences began about a decade ago. The first virtual course of this university took place in 2005. The center for e-learning center officially started its work at the Medical Education Development Center in 2015. Then, later in 2017, with the increase and widespread use of e-learning, the Virtual Education Center of Isfahan University of Medical Sciences got established.

The Mission of this center is to improve the quality of learning, provide easy and fast access to information, reduce educational costs, improve the quality and accuracy of the educational and scientific contents, provide quick update of educational contents, manage combined educational programs, and increase the scale of teachings while maintaining the quality. The e-learning center has been providing various services to professors, students and educational administrators, including launching and supporting e-learning management systems (LMS), producing electronic contents and holding workshops and educational webinars. The Virtual Education Center services have been very transformative in terms of educational issues, particularly in the time of COVID19 pandemic.





RESEARCH

The Vice Chancellery for Research and Technology of the University is responsible for the promotion of research. This vice chancellery achieves this goal through a variety of policies including:

- Formulating research policies for the University
- Auditing the University's annual research output
- Establishing effective collaboration with other national and international research establishments and industries to exchange scientific services and identify learning opportunities for academic members such as sabbatical leaves
- Management of the official affairs related to research activities
- Organizing the University's research programs within the framework of basic research goals and priorities
- Publication of books, journals and bulletins to disseminate the results of research activities and provide the means for communication between researchers
- Supervising research-related publications of affiliated institutions
- Management of University libraries and databanks
- Promotion of Innovation and collaboration with industry
- Provision of infrastructure, facilities and equipment for and maintaining research centers



In order to advance research at Isfahan University of Medical Sciences, Vice Chancellery for Research and Technology administers and maintains the following sections, which are described in this chapter, respectively:

Health Innovation Center; Health Sciences and Technology Park; three research institutes; forty three research centers; Students' Research Committee; Core Research Facilities Laboratory; Libraries and Medical Information Center; and publications.

Health Innovation Center (HIC)

HIC supports innovative technological projects to improve patients' lives based on safe, high-quality, and low-cost solutions. This center provides the following services for members:

- Mentoring services, scientific, financial, business, and legal consulting
- Use of FabLab and laboratory facilities
- Possibility of establishment in a specialized and ideal workspace
- Raise funds to grow faster
- Ability to strengthen and complete the team and connect with new people



Health Sciences and Technology Park

Located at the university's second campus, approximately 5km south of the main campus, the park provides space, facilities, infrastructure and support for knowledge-based firms active in the field of health and hosts several such companies involved in areas such as Innovation Technology, Biotechnology, Genetic Engineering, Nanotechnology, Medical Equipment and Devices, Herbal Medicine, Traditional Medicine, Pharmaceuticals and IT.

Research Institutes

Three research institutes are affiliated to Isfahan University of Medical Sciences namely, Isfahan Cardiovascular Research Institute, Research Institute for Primordial Prevention of Non-communicable Disease, and Research Institute for Dental Sciences.

Isfahan Cardiovascular Research Institute

Isfahan Cardiovascular Research Center (ICRC) being approved by the Ministry of Health (MOH) in 1993, became a World Health Organization (WHO) collaborating center for research and training in cardiovascular diseases (CVD) control, prevention and rehabilitation of cardiac patients in the eastern mediterranean region since 2003 and was promoted to the Cardiovascular Research Institute (CRI) in 2011 by the MOH. The main fields of research in CRI are in public health, clinical and basic sciences.

The superior pole of CRI is the prevention and control of cardiovascular diseases in the middle east, such that documents and reports provided by this institute are cited by international communities. This institute focuses its efforts on the use of available technology to conduct community-based and biomedical research and to help with transferring the results to useful and practical outcomes. It also considers helping academic and research centers and other health service providers in implementing programs for the prevention, control, treatment of cardiovascular diseases and their related risk factors.





CRI research priorities are as follows: prevention and control of CVDs and its related risk factors; Institutionalizing and capacity building for interventions needed for prevention of non-communicable diseases specially CVD in primary health care system; Development of risk charts for CVD with co morbidities based on the results of cohort studies; Conducting studies on the modification of community lifestyle like nutritional behavior, especially reduction of salt and fat intake; CVDs registries including Acute Coronary Syndrome (ACS), stroke, Percutaneous Coronary Intervention (PCI), Congenital Heart Disease (CHD), Heart Failure (HF), Arterial Fibrillation (AF) registries; Monitoring and assessment of environmental risk factors associated with CVDs; Conducting studies on optimization of cardiac rehabilitation services and its institutionalization and integration in the health care system; Conducting studies on medical and herbal therapies relating to CVDs; Conducting genetic and cellular/molecular studies relating to CVDs; Psychological aspects of cardiologic care (Psycho-cardiology); Developing national guidelines of hypertension, dyslipidemia and acute coronary syndrome.

CRI consists of 7 Research Centers namely, Isfahan Cardiovascular Research Center; Cardiac Rehabilitation Research Center; Hypertension Research Center; Heart Failure Research Center; Applied Physiology Research Center; Interventional Cardiology Research Center; Pediatric Cardiovascular Research Center. For further information please visit <https://icri.mui.ac.ir/en>.



Research Institute for Primordial Prevention of Non-communicable Diseases

The Institute for Primordial Prevention of Non-Communicable Disease (PPNCD) was established in 2014 with the aim of being a leading center in discovering main factors underlying non-communicable diseases. This institute performs high quality researches in order to determine and control behaviors and underlying factors important in the establishment of NCDs from the first days of life.

This institute is consisted of three research centers: Child Growth and Development Research Center, Environment Research Center, and Pediatric Inherited Research Center. PPNCD conducts several multi-disciplinary research activities at national level, as well as many international collaborative studies along with international scientific networks and world-renowned scientists, which make this institute an important scientific research center in the region.

PPNCD has more than 700 publications in peer-reviewed journals and more than 40 English books and book chapters. In addition, PPNCD has two affiliated international journals entitled International Journal of Preventive Medicine and International Journal of Environmental Health Engineering. For further information please visit: <https://ppncd.mui.ac.ir/en>



Research Institute for Dental Sciences

Dental Research Center of Isfahan University of Medical Sciences was first established in year 2000 and then later promoted to Dental Research Institute. This institute supports various types of research from the cellular level up to social problems of oral health.

This institute consists of three main research centers entitled "Torabinejad Dental Research Center", "Dental Materials Research Center" and "Dental Implants Research Center". There is also an animal research building, which provides all the necessary equipment for implementing animal research in all fields of dentistry. Moreover, the Clinical Research units, which are equipped with both choices of sedation and general anesthesia do facilitate the conduction of clinical studies. The institute also houses a fully equipped and modern laboratory which can perform high-tech measurements in a variety of matrices, including a new Scanning Electron Microscope (SEM) that has been installed for the convenience of the scholars, recently. It is also to mention that Dental Research Journal (DRJ) which is indexed in PubMed and Scopus databases are the main tribune of this institute for reporting the scientific findings.

Research Centers

Currently, there are 43 research centers, approved by the Ministry of Health and Medical Education, some incorporated into the 3 earlier mentioned research institutes, within Isfahan University of Medical Sciences. The mission is to concentrate on and conduct research activities complementary to activities conducted at the main schools, such as Schools of Medicine, Dentistry, and Pharmacy and Pharmaceutical Sciences.





Research Centers

- Acquired Immunodeficiency Research Center
- Anesthesiology and Critical Care Research Center
- Applied Physiology Research Center
- Behavioral Sciences Research Center
- Bioinformatics Research Center
- Biosensor Research Center
- Cancer Prevention Research Center
- Cardiac Rehabilitation Research Center
- Cardiovascular Research Center
- Child Growth and Development Research Center
- Clinical Toxicology Research Center
- Craniofacial and Cleft Research Center
- Dental Implants Research Center
- Dental Materials Research Center
- Dental Research Center
- Endocrine and Metabolism Research Center
- Environment Research Center
- Eye Research Center
- Food Security Research Center
- Health Information Technology Research Center
- Health Management and Economics Research Center
- Heart Failure Research Center
- Hypertension Research Center
- Infectious Diseases and Tropical Medicine Research Center
- Interventional Cardiology Research Center
- Isfahan Gastroenterology and Hepatology Research Center
- Kidney Diseases Research Center
- Medical Education Research Center
- Medical Image and Signal Processing Research Center
- Metabolic Liver Diseases Research Center
- Musculoskeletal Research Center
- Neurosciences Research Center
- Nosocomial Infection Research Center
- Novel Drug Delivery Systems Research Center
- Nursing and Midwifery Care Research Center
- Pediatric Cardiovascular Research Center
- Pediatric Inherited Diseases Research Center
- Pharmaceutical Sciences Research Center
- Regenerative Medicine Research Center
- Reproductive Sciences and Sexual Health Research Center
- Skin Diseases and Leishmaniasis Research Center
- Social Determinants of Health Research Center
- Water and Electrolytes Research Center



Isfahan Students' Research Committee

Isfahan Students' Research Committee (ISRC) has been established to support students' research activities. The ISRC is composed of 10 sub-committees one in each school within the university. The committee has a number of activities aimed at supporting students interested in research-related activities to learn and improve their research skills in a nourishing and vibrant environment. All activities are conducted in the form of students work relying on students' scientific and executive abilities and interest under the supervision and with guidance of university academics.

Core Research Facilities Laboratory

Scope

- Performing specialized laboratory tests
- Conducting technical training workshops
- Providing consultation in laboratory techniques, methods of analysis, and research projects
- Collaborating with universities and industries to conduct research projects







Laboratory equipment and services

- Nuclear Magnetic Resonance (NMR) Laboratory
- Chemical Analysis Laboratory
- Gas Chromatography-Mass Spectrometry/ Mass Spectrometry (GC-MS/MS)
- Gas Chromatography- Flame Ionization Detector (GC-FID)
- Simultaneous Thermal Analysis (STA)
- CHNSO Analyzer
- High-Performance Thin Layer Chromatography (HPTLC)
- High-Performance Liquid Chromatography (HPLC)
- Medium-Pressure Liquid Chromatography (MPLC)
- Microscope Laboratory and Imaging
- Small Animal Imaging (SAI)
- Atomic Forced Microscope (AFM)
- Scanning Tunneling Microscope (STM)
- Fluorescence Microscope
- Flow Cytometry Laboratory
- Cell Culture Laboratory
- DNA and RNA Laboratory
- Sanger Sequencer
- Thermal Cycler (PCR) Variants
- Real-Time PCR Variants
- Qubit® DNA Analysis
- Cloning
- Electrophoresis Laboratory
- Electrophoresis
- Western Blotting
- Gel Documentation System
- Photolithography Laboratory
- Photolithography
- Plant Biotechnology Laboratory
- Growth Chamber
- Plant Tissue Culture
- Laminar Airflow
- Clevenger
- Freeze Dryer
- Rotary Evaporator
- Spray Dryer
- Microbial Technology Laboratory
- Fermenter
- Species Identification Laboratory
- Clean Room
- General Laboratory
- Reference Mycology Laboratory





Libraries and Medical Information Center

University libraries provide a significant amount of up-to-date and practical scientific resources and information to the faculty members, students and researchers. These libraries are scattered throughout the university, such as schools and hospitals and offer their services in different places and levels. They provide various types of scientific information resources, including dissertations, print and electronic research projects and the most authoritative scientific databases containing the latest books, journals, evidence-based sources, medical images, etc. These resources are provided at the libraries along with other services such as reading areas, scientific information search stations, reference services, information services, training courses, production and presentation of educational content, research consulting services, etc. Most of the services, such as the list of library resources and access to library software or electronic scientific resources, are available online, yet librarians and information specialists of the libraries are always present to assist the users with any professional needed services or questions they may have.



Publications

The Vice Chancellery for Research is responsible for university's publications. This includes 11 peer reviewed scientific Journals in English and 7 peer reviewed scientific Journals in Farsi to cover a wide spectrum of subjects in Medicine, Medical Sciences, Dentistry, Pharmacy, Nursing and Midwifery, Health Sciences and Education and Management .

Farsi Journals Published by IUMS Research Chancellery					
Front cover	Site	Indexing	Scope	ISSN	Title
	ljme.mui.ac.ir	Index Copernicus, ISC	آموزش پزشکی	9359-1608/ 1735-8897	مجله ایرانی آموزش در علوم پزشکی
	jims.mui.ac.ir	Scopus, CABI, CAS, Embase	علوم پزشکی - عمومی	1027-7595/ 1735-854X	مجله دانشکده پزشکی اصفهان
	him.mui.ac.ir	Index Copernicus, ISC	مدیریت، اطلاع رسانی، سیاستگذاری و اقتصاد در حوزه سلامت	1735-7853/ 1735-9813	مدیریت اطلاعات سلامت
	jids.mui.ac.ir	CAS, Index Copernicus, ISC	دندانپزشکی - عمومی	1735-255X/ 2008-6989	مجله دانشکده دندانپزشکی اصفهان
	hsr.mui.ac.ir	ISC	بهداشت محیط، بهداشت حرفه ای، آموزش بهداشت و ارتقاء سلامت، تغذیه و آمار و اپیدمیولوژی	1735-2363	تحقیقات نظام سلامت
	jrrs.mui.ac.ir	Index Copernicus, ISC	توانبخشی	1735-7519/ 2008-2606	مجله پژوهش در علوم توانبخشی
	rbs.mui.ac.ir	Index Copernicus, ISC	روانپزشکی و روانشناسی	1735-2029/ 2008-8248	تحقیقات علوم رفتاری



English Journals Published by IUMS Research Chancellery					
Front cover	Site	Indexing	Scope	ISSN	Title
	arya.mui.ac.ir	WoS- ESCI (ISI), PubMed, Scopus, Embase, ISC	Cardiology Research & Practice and all Cardiovascular area	1735-3955/ 2251-6638	ARYA Atherosclerosis
	jrms.mui.ac.ir	WoS-ESCI(ISI), PubMed, Scopus, CAS, Embase, ISC	Health, ethical and social issues in field of Clinical Medicine	1735-1995/ 1735-7136	Journal of Research in Medical Sciences
	ijnmr.mui.ac.ir	WoS-FSCI(ISI), PubMed, Scopus, ISC	Nursing & Midwifery	1735-9066/ 2228-5504	Iranian Journal of Nursing and Midwifery Research
	ijpm.mui.ac.ir	WoS-ESCI(ISI), PubMed, Scopus, Embase, ISC	Primordial, Primary, Secondary and Tertiary levels of prevention	2008-7802/ 2008-8213	International Journal of Preventive Medicine
	rps.mui.ac.ir	WoS-ESCI(ISI), PubMed, Scopus, Embase, ISC	Pharmaceutical Sciences	1735-5362/ 1735-9414	Research in Pharmaceutical Sciences
	drj.mui.ac.ir	PubMed, Scopus, CAS, ISC	Dentistry	1735-3327/ 2008-0255	Dental Research Journal
	jmss.mui.ac.ir	WoS-ESCI(ISI), PubMed, Scopus, Embase, ISC	Bioelectric, Bioinformatics and Medical Informatics, Biophysics and Medical Physics, Health Technology Assessment	2228-7477	Journal of Medical Signals and Sensors
	www.advbiores.net	PubMed, Index Copernicus	Medicine & Biology, including Basic Science Research and Clinical Investigations	2277-9175	Advanced Biomedical Research
	www.ijehe.org	CAS, Scopus, Index Copernicus	Environmental Health, Occupational Health	2277-9183	International Journal of Environmental Health Engineering
	www.jehp.net	WoS-ESCI(ISI), PubMed, Scopus	Medical & Medical Sciences Education, Education Evaluation	2277-9531/ 2310-6440	Journal of Education and Health Promotion
	www.jrpp.net	WoS-ESCI(ISI), PubMed	Drug-Related Medical Researches	2319-9644/ 2279-042X	Journal of Research in Pharmacy Practice



HEALTH SERVICES

The health services are provided through three vice chancelleries of this university, which are Vice Chancellery for Food and Drug, Vice Chancellery for Health, and Vice Chancellery for Treatment Affairs. Hence this chapter consists of three sections, each of which describing one of the above mentioned services.





Vice Chancellery for Food and Drug



The Vice Chancellery for Food and Drug of Isfahan University of Medical Sciences supervises, controls, and manages all the following stages: production, distribution, and consumption of food, drug, cosmetics and hygienic products and medical equipment throughout the province. These services are delivered by the Vice Chancellery for Food and Drug and through its five departments which are described in more details, as the following:

A) Management of the Supervision of Drug and Controlled Substance Affairs

- Surveillance on factories producing chemical, natural and traditional pharmaceutical products through GMP factory inspection, product sampling and PMQC inspection
- Surveillance on the supply and distribution of drugs by monitoring the drug distribution companies; planning for the distribution of scarce medicine ;and implementation of the TTAC drug authentication system for systematic monitoring
- Issuing licenses for pharmacy registration and operating; and having pharmacies operation under surveillance
- Reference for verifying the pharmacists and issuing them the license to work at pharmacies, drug distribution companies and pharmaceutical factories as technical managers





B) Management of the Supervision of Food, Beverage, Cosmetic and Hygienic Products

- Surveillance on 980 food, beverage, cosmetic and hygienic producing companies
- Monitoring food, beverage, cosmetic, and hygienic products' labels and issuing more than 8000 health licenses for those products
- Issuance of health certificates for exports of food and beverage
- Monitoring the implementation of the national project of "enriching flour with iron and folic acid"
- Supporting the public health by reducing salt, sugar, trans fatty acids in food products and beverages
- Issuance of food safety certificate (health and safety mark, HAACP and ISO 22000)
- Carrying out the national project of "pesticides and chemical fertilizers monitoring"
- Carrying out the national plan for monitoring products at the supply level (PMS)
- Factory Grading based on Prerequisite Programs (PRPs)
- Complaint management regarding food, beverage and cosmetic products

C) Management of the Supervision and Evaluation of Medical Devices

- Monitoring the implementation of the process of evaluating the safety and effectiveness of medical devices
- Issuance and renewal of medical devices manufacturing license
- Investigating into medical device performance and their safety issues through investigation of Medical Device Reports (MDRs)
- Monitoring the implementation of the process of medical engineering in hospitals of Isfahan province
- Monitoring the implementation of the process of distributing medical devices by companies and stores in the Isfahan province, as well as their registration
- Performing the post-market surveillance activities on distributed medical devices in the Isfahan province



D) Management of Food and Drug Control Laboratory

- Performing food chemistry tests including; instrumental analysis, microbiological, toxicological, molecular PCR and analysis on cosmetic and hygienic products
- Surveillance of affiliated laboratories and manufacturing companies
- Control and monitoring of agricultural products in terms of residual pesticides, heavy metals and nitrates

E) Research and Development Department (Office of Supervision and Monitoring of Health-Centered Products)

- Monitoring the process of prescribing drugs by the committee of "Prescribing and Rational Use of Drugs"
- Exclusive implementation of the provincial plan for Rational Use of Drugs (RUD) in networks and hospitals affiliated to the university
- Investigating the Adverse Drug Reactions (ADR) and Medication Errors (ME) and its recording
- Implementation of drug guidelines, drug integration, and compilation of hospital pharmacopeia
- Informing the medical staff at the Drug and Poisoning Information Center (DPIC) of the medicine availability
- Monitoring the hospital's pharmacology department
- Holding professional trainings for physicians, pharmacists, nurses and pharmaceutical technicians
- Providing general education in order to inform and promote community knowledge about the proper use of health-oriented products





Vice Chancellery for Health (Isfahan Provincial Health Center)





Vice Chancellery for Health at Isfahan University of Medical Sciences provides health care services to more than 4.6 million people through its Primary Health Care (PHC) system consisting of comprehensive health care centers, health posts, and health houses falling under it, in 23 districts of the province. Out of the said population, just over four million live in urban areas and the rest in rural areas. The flagship programs, in which health services are provided to people, are as follows:

1. Health education and promotion programs

These programs are the fundamental basis for most of the programs and interventions of the provincial health center. The group that runs this program is a referral group for other technical groups in terms of health education and promotion strategies. The programs that are run by this group are as follows:

- A)** Conducting health needs assessment studies (every 5 years) and implementing health promotion interventions in nearly 1000 health delivering service units
- B)** Recruiting and training health volunteers for family, school, work offices and society as the Health Ambassadors in the "National Self-Care Program"
- C)** Management of health education media production
- D)** Implementation of public health information campaigns for occasions and epidemics such as COVID 19



2. Family and population programs

An age group program is a comprehensive strategy for enhancing people's health and well-being throughout their lives:

A) Infant and child health program

Care services in this program start from infancy, continue until the end of age 5 (three to five days of age up to 60 months of age) and include the following routine care services, which are done in 15 stages. These services are as following:

- Assessment of growth status (the measurement of weight, height, and the weight-to-height ratio), promotion of breastfeeding, exclusive nutrition, complementary nutrition, and oral hygiene, immunization and vaccination, assessment of evolution, vision, hearing, and genetic assessments
- Screening for hypothyroidism, phenylketonuria, and evolution
- Integrated care for pediatric illness and assessment of the status of common diseases in children (diarrhea, dehydration, pneumonia, growth disorders, earache, and sore throat) performed by physicians and health workers
- Implementation of a high-risk neonatal care program (neonatal retinopathy, screening and providing care to high-risk neonates at home)
- Implementation of an infant and child mortality prevention care system program for infants and children aged one to 59 months
- Evaluation of ten child-friendly hospitals

B) Maternal health program: The aim of the maternal health program is to reduce maternal mortality and complications caused by pregnancy and delivery and to reduce perinatal death in the fetus and infant, which includes educational, consultation, and care services from the pre-pregnancy period to the postpartum period

C) Healthy fertility program: A healthy fertility program that begins with marriage and empowers women up to the age of 54

D) Middle-aged health program: Includes promotion of a healthy lifestyle, empowerment of middle-aged people, and adjustment of a proper supplement consumption plan

E) Elderly health program (for people over 60 years of age): Includes the two programs: self-care training courses and the integrated care program for the elderly (including cardiovascular disease risk assessment, depression, fall prevention, nutrition, colorectal and breast cancer screening), as well as providing the necessary supplements



3. Improving community nutrition

A) Improving nutrition in age groups (children, adolescents, youth, middle-aged, and elderly) and pregnant women through continuous nutritional care, monitoring and evaluation of activities, nutritional consultations, nutrition education and culture making in this regard

B) Prevention and control of nutrition-related non-communicable diseases through community education, nutritional consultations, intra-sectoral coordination (cooperation in training and retraining programs for health care workers, and in related education and information mobilizations), and inter-sectoral coordination (nutritional support for children and women with malnutrition in cooperation with protective organizations; nutrition programs in rural kindergartens; promotion of home gardens in rural communities; improving student teachers' nutrition at Farhangian University; training office employees and clergy students)

4. Prevention and control of communicable diseases

A) Preventing and controlling the epidemicity of communicable diseases such as Coronavirus disease and prevention of endemic diseases such as Cutaneous Leishmaniasis

B) Providing free health care services to immigrants, HIV-positive people with regard to behavioral diseases, as well as people with high-risk sexual behaviors

C) Free screening of communicable diseases in target groups, as well as in Isfahan prisons

D) %100 vaccination of infants based on national program

E) Implementing the border health program in the health post located in Shahid Beheshti International Airport of Isfahan for all travelers going to and coming from abroad



5. Prevention and control of non-communicable diseases

A) Cardiovascular risk assessment: a 10 year study of people's health risks associated with cardiovascular disease, in the form of screening for diabetes, pre-diabetes, hypertension and hyperlipidemia and assessing and taking care of risk factors (mobility, nutrition, smoking, alcohol and stress) and providing care for identified patients

B) Screening for congenital hypothyroidism and phenylketonuria and inherited metabolic diseases at 3 to 5 days old and patient care

C) Evaluation of all age groups for asthma

D) Screening for hearing loss in infants and toddlers

E) Genetic screening at the time of marriage and prevention of beta-thalassemia major in premarital counseling centers

F) Cancer registration by collecting cancer statistics from all pathology laboratories and hospitals as well as mortality data in the province

G) Breast and cervical cancer screening in women and colon cancer screening in men and women

H) Accident program and implementation of safe community program and aiming for joining the global safe community

I) Monitoring the ban on advertising of goods and services harmful to health

6. Oral health

Providing oral primary and secondary prevention, educational and therapeutic services to members of the community





7. Occupational health

Planning for inspection of factories and technical service workshops to follow up the performance of occupational health at workplace at Isfahan Province such as:

- Identification, evaluation and control of harmful factors
- Measurement and analysis of harmful factors at workplaces
- Providing occupational health for farmers, construction workshops, miners, hospitals, worker in prisons and carpet weavers
- Checking the reports of measurement of harmful factors in factories according to NIOSH and OSHA instructions measurement
- Follow up for removing asbestos and mercury at workshops and factories
- Investigating hard and harmful jobs in factories and workshops
- Monitoring the occupational medicine in workplaces
- Monitoring management of industrial waste in factories and workshops
- Monitoring the monthly health and safety committee held by the employers



8- Disaster Risk Management

Disaster risk management in the health system is a regular process, which aims to reduce the adverse health consequences of natural and man-made hazards at the community, facilities and resources through preventing and reducing harm by using existing organizational capacities and skills.



9. Environmental health

The tasks of "environmental health" are to identify, evaluate and control all environmental factors, which affect human physical and mental health in some way. Below are the main environmental health activities:

- Improving the health and well-being of food preparation, distribution and sale centers, public places and roadside attractions
- Microbial and chemical quality control of drinking water
- Food safety
- Monitoring the health status of schools, educational centers and kindergartens
- Inspection of swimming pools
- Monitoring the health status of health centers, clinics and hospitals
- Monitoring air quality control plans
- Supervising the hygienic disposal of wastewater and waste
- Addressing public complaints regarding environmental health
- Fighting insects and rodents
- Monitoring the implementation of tobacco control laws in public places and tobacco supply centers
- Sanitary control of holy places and mosques
- Monitoring the Health Impact Assessment of major projects
- Sanitary control of camps and prisons
- Providing environmental health education to the public
- Implementing healthy city projects
- Implementation of healthy village projects
- Taking emergency measures in natural disasters



10. Health of adolescents and youth

Physical, psychological and social empowerment of schoolchildren and identification and correction of musculoskeletal disorders in health supportive school programs



11. Mental health

Diagnosis and care of common psychiatric and psychological disorders; suicide prevention; providing psychological and social support in unexpected incidents and disasters; educating and empowering the community in the field of life skills and parenting; reducing the harm of substance abuse

12. Laboratory

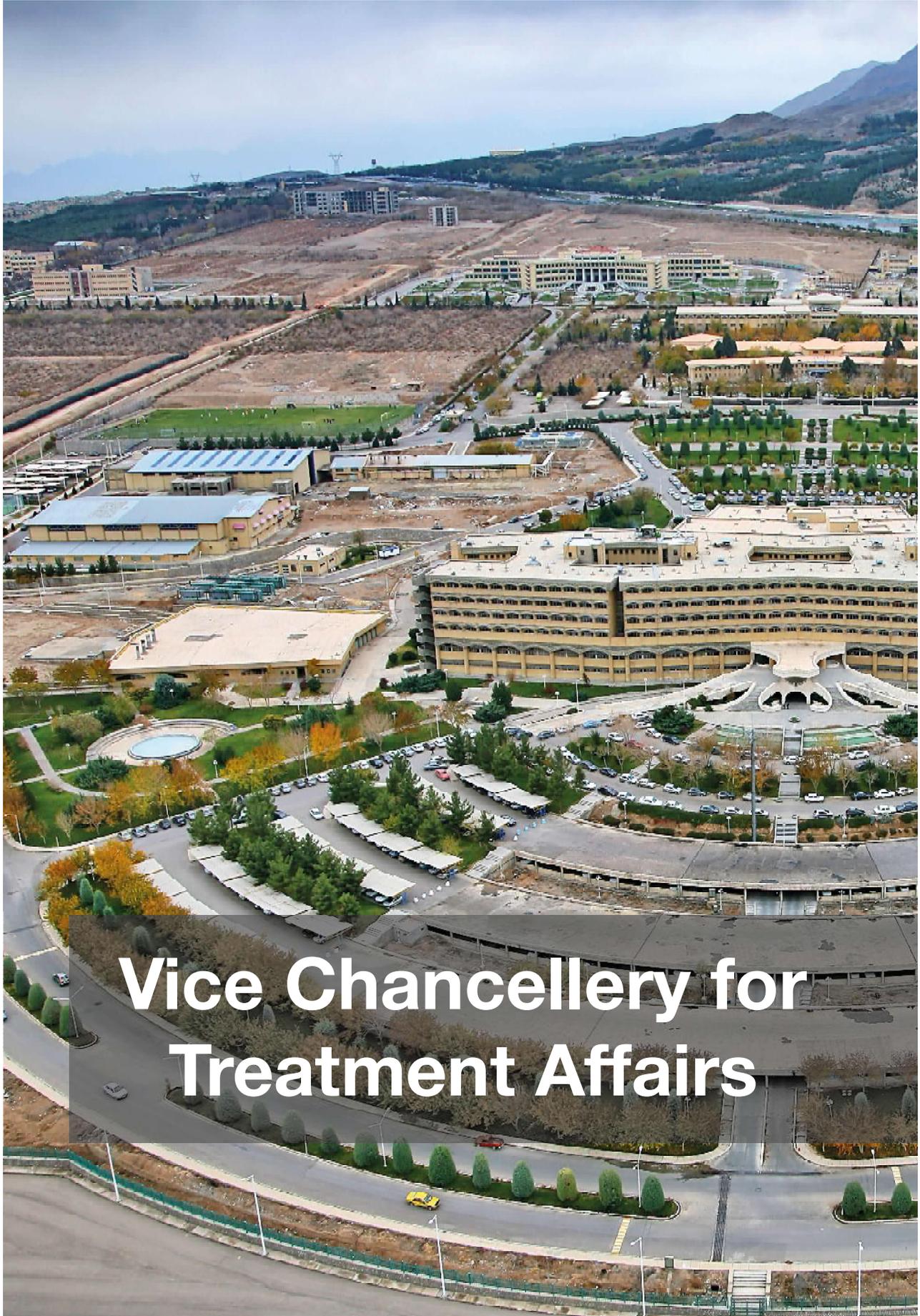
A) Laboratory diagnosis of diseases such as AIDS, Malaria, Lyme Borreliosis, Cutaneous Leishmaniasis, and water and foodborne diseases (caused by El Tor, Shigella, Salmonella, etc.), molecular diagnosis of Influenza and COVID19

B) Culture and antibiogram of Mycobacterium (Tuberculosis and Leprosy)

C) Supervising the province's health laboratories as well as narcotics laboratories and occupational health laboratories (occupational medicine)

D) Cooperation with research institutes to diagnose emerging diseases





Vice Chancellery for Treatment Affairs



The Vice Chancellery for Treatment Affairs of the University is in charge of the clinical affairs of Isfahan province. This vice chancellery achieves this objectives through a variety of tasks, which are stated below:

- Accreditation and supervision of clinical services offered by more than 50 hospitals in the province
- Accreditation of clinical services offered by medical professionals through assessment and granting license
- Provision of pre-hospital emergency services
- Carrying out the principles of emergency and disaster preparedness and management via Emergency Operations Center (EOC)
- Participating in recruitment of medical professionals
- Needs assessment for resource allocation in clinical settings
- Provision of education and advisory services for quality improvement in clinical settings
- Facilitating the accreditation of Health Tourism Agencies
- Coordinating and supervising applied clinical research

The ten teaching hospitals of Isfahan University of Medical Sciences, which are monitored by the Vice Chancellery for Treatment Affairs, are described in detail in this section.



Al-Zahra
Teaching Hospital (Founded in 1994)



This hospital, with about 765 active beds, is the largest subspecialized center in the province of Isfahan.

It has the following wards:

- Surgery: Obstetrics and Gynecology - General - Laparoscopy - Infants - Plastic - Thorax - Vascular – Pediatrics- Neurosurgery- Urology - Orthopedics - Otolaryngology
- Internal: General -Pediatric - Neurology - Infectious Diseases
- Subspecialized: Rheumatology - Liver & Gastrointestinal Tract - Endocrinology - Nephrology – Hematology and Oncology - Maxillofacial - pulmonology - Cardiology- Endocrinology
- 120 special beds (ICU, NICU, CCU - VIP Department) - 24 operating room beds

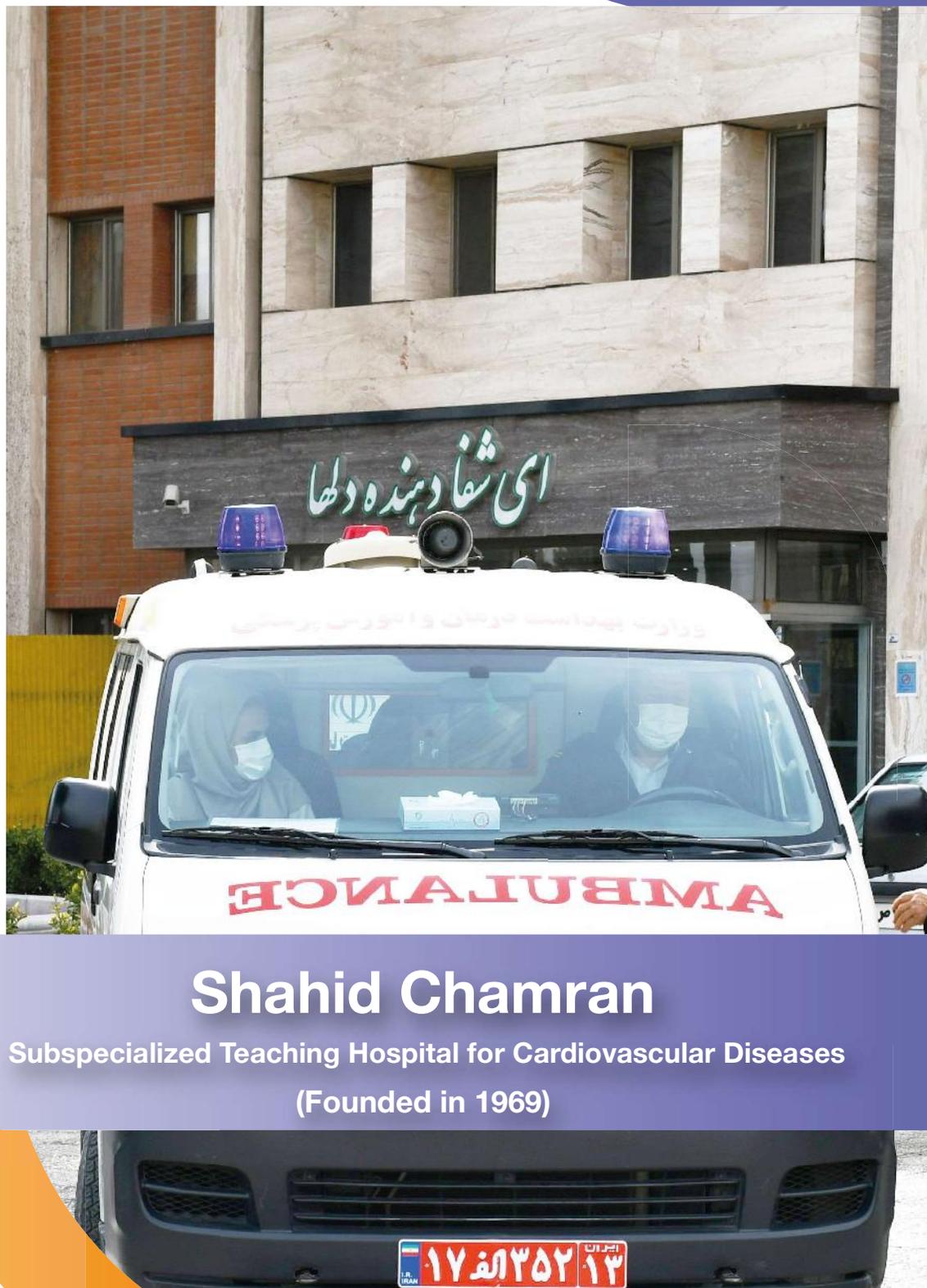
Al-zahra has the following diagnostic and treatment facilities and equipment:Hemodialysis-Peritoneal Dialysis and CRRT- Ultrasonography - Bone Density Measurement - Endoscopy- Colonoscopy- ERCP and Endosonography- Radiology - Echocardiography - CT scan - MRI - Bronchoscopy - Interventional Radiology - CT Angiography - Spirometry - Day Clinic - Specialized Echocardiography - Electroencephalography - EMG/NCV - Muscle Biopsy - Pathology Department

The hospital offers the following subspecialized services:

- The only center in Isfahan Province for cochlear implants
- Kidney and liver transplantation
- Hematopoietic Stem Cell Transplantation (HSCT)
- Harvest of organs
- The only center in the province for stereotaxic surgery
- Obesity and gastric bypass surgeries
- Endoscopic discectomy
- Neuronavigation in order to drain the tumor and cyst and locating the tumor through software
- Vascular angiography during surgery
- Open-heart surgery and Percutaneous Coronary Intervention (PCI)
- Box osteotomy to correct cranial hypertelorism
- Craniosynostosis surgery using endoscopy
- Pathology department and genetic

The following paraclinical services are offered here:

- MRI of children with thalassemia
- EOS (full-body scan)
- Prenatal Diagnosis (PND) of genetic abnormalities



Shahid Chamran

Subspecialized Teaching Hospital for Cardiovascular Diseases
(Founded in 1969)



This hospital, with 237 active beds, is the only subspecialized center for cardiovascular diseases in the province of Isfahan.

It has the following wards:

- Open-heart ICU - PICU – CCU- NICU
- Heart Surgery
- Angiography

This center also has the following diagnostic and treatment facilities and equipment: Angiography - Echocardiography - Heart Pump - Radiology - Cell Catheter

The center offers the following subspecialized services:

- Heart transplantation
- Replacement or repair of heart valves
- Aortic dissection repair
- Coronary artery bypass grafting
- Removal of heart tumors
- Cardiac cavity wall repair (PDA, VSD, ASD)
- Installation of IABP, ECMO
- Repair of various congenital heart defects in infants such as tetralogy, TGA, Common Arterial Trunk (CAT), univentricular hearts, etc
- Use of novel closed surgical methods such as thoracoscopy
- Different types of embolectomy
- Repair of heart aneurysms
- Harvest of organs (liver, kidney, intestine)

With regard to paraclinical and diagnostic measures:

- Echocardiography (TTE, TEE, TDI, DSE)
- Exercise test
- Holter monitoring
- Blood pressure monitoring
- Angiography
- CT angiography
- Cardiac MRI (coming soon)
- Myocardial scan
- Analysis of micropieces and ICDs
- Angioplasty
- Installation of pacemaker and ICDs



Feyz

Ophthalmology Subspecialized Teaching Hospital
(Founded in 1963)



This hospital, with 109 active beds, is the only ophthalmology subspecialized center in the province of Isfahan.

It has the following wards: Ophthalmology - CCU

This hospital has the following diagnostic and treatment facilities and equipment:

Excimer Laser - Eye Ultrasonography - Radiology - Echocardiography

The following subspecialized services are offered here:

- Corneal transplantation
- The following surgeries: cataract - glaucoma - strabismus - eye drainage - retinal detachment - vitreous drainage - DCR - conjunctivitis
- Fluorescein angiography
- Pterygium and chalazion
- Chemical burns
- Avastin injection
- Corneal ulcer
- Different types of LASIK outpatient surgeries





Sayyed al-Shohada

Hematology & Oncology Subspecialized Teaching Hospital
(Founded in 1965)



As the only hematology and oncology subspecialty center in the province of Isfahan, this hospital has 179 active beds all has the following wards and subspecialized services:

- Transplantation of Hematopoietic Stem Cells (HSCT)
- Department of Nuclear Medicine / Examinations (such as Gamma Scans)
- The Thalassemia and Hemophilia Center
- Radiation Therapy and Chemotherapy
- Palliative Care Clinic
- Adult Hematology/ Oncology Unit
- Pediatric Hematology Unit

Other diagnostic and treatment facilities include:

Mammography - Ultrasound - Radiology - Gamma Camera - Linear Accelerator- Pathology-Immunophenotyping (Flowcytometry - IHC)- Clinical Laboratory





Imam Musa Kazem

Burn Injuries Subspecialized Teaching Hospital
(Founded in 1990)





This hospital, with 96 active beds, is the only burn injuries subspecialized center in the province of Isfahan.

It has the following wards:

Burns -Reconstructive surgery-Burn ICU-IPD (International Patient Department)

The center offers the following subspecialized services:

- Different types of cosmetic and plastic surgery
- Burn reconstructive surgery (transplantation and graft)
- Treatment of burns using new methods for example screen substitute - modern wound dressings - vacuum therapy, and flap

Imam Musa Kazem hospital has the following diagnostic and treatment facilities and equipment:

Ultrasonography - Radiology – Echocardiography- Rehabilitation Unit- Laboratory Unit - CT scan

It also has the following specialized and subspecialized clinics:

Burn Injuries and Wound Care, Cosmetic and Plastic Surgery and Nutrition Clinic.



Shahid Beheshti

Obstetrics & Gynecology Specialized Teaching Hospital of Isfahan

(Founded in 1971)





This hospital, with 127 active beds, is the only obstetrics and gynecology specialized center in the province of Isfahan.

It has the following wards:

Obstetrics and Gynecology Surgery - Neonates - Labor - Postpartum - ICU - NICU-Infertility Treatment Center -General Clinics and Subspecialty Clinics including Prenatal-Oncology- Laparoscopy-Pelvic Floor and Infertility

This center has the following diagnostic and treatment facilities and equipment:

Ultrasonography - Mammography - Radiology – ART Center (IUI-IVF-ICSI)

And it offers the following subspecialized services:

- Infertility operating room, sterility clinic (women - men)
- Prenatal care for high-risk mothers
- Gynecology oncology
- Gynecology laparoscopy
- Pelvic floor disorders





Amin Teaching Hospital (Founded in 1933)



This hospital, with about 200 active beds, is the largest referral center in the northern part of Isfahan City.

It has the following wards:

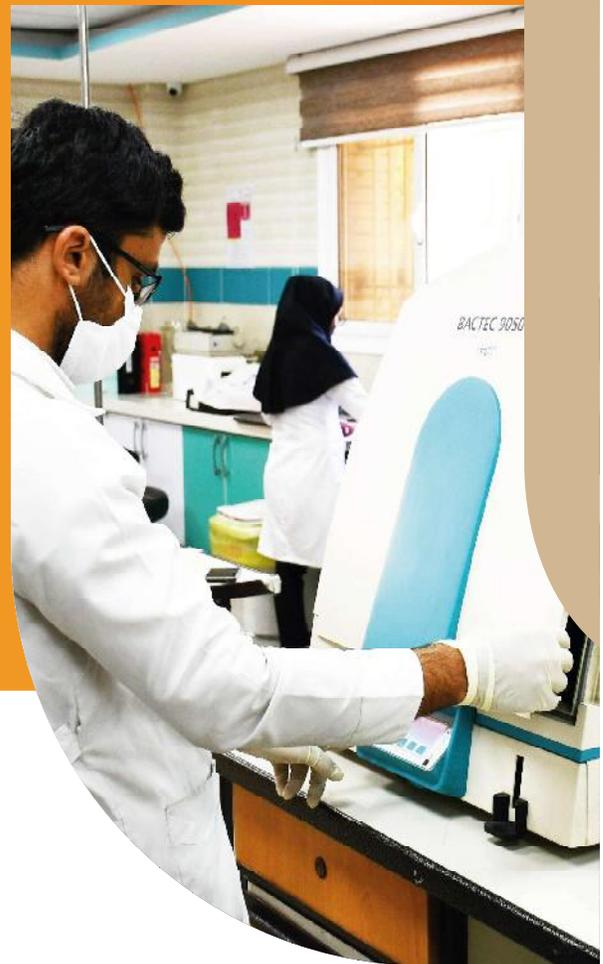
Internal (Neurology - Pediatrics - Otolaryngology - Infectious Diseases - Urology - Orthopedics), Surgery (Neurology - Obstetrics and Gynecology) and ICU- NICU - CCU

also this hospital has the following diagnostic and treatment facilities and equipment:

Ultrasonography - Radiology - Endoscopy - CT scan - Radiology - Intracorporeal Lithotripsy - Mammography

The following subspecialized services are offered at this hospital:

- Labor ward and water birth
- Different types of cosmetic, obesity, and gastric bypass surgeries
- The only care center for phenylketonuria patients in the province of Isfahan





Noor & Ali-Asghar Teaching Hospital (Founded in 1931)



This hospital, with about 262 active beds, is located in Isfahan city. It has the following wards:

- ICU - CCU
- Psychiatry
- The following subspecialized departments: Urology, Nephrology and Kidney Transplantation - Lung - Rheumatology - Endocrinology - Gastrointestinal
- Poisoning

This hospital also has the following diagnostic and treatment facilities and equipment:

Ultrasonography - Angiography - Endoscopy - CT scan - Radiology - Echocardiography - Dialysis - Electroconvulsive Therapy (ECT) for patients with mental disorders

This hospital offers the following subspecialized services:

Angiography , specialized bronchoscopy, kidney transplantation, all specialized urologic and gastrointestinal surgeries





Ayatollah Kashani
Teaching Hospital (Trauma Center)
(Founded in 1953)





This hospital works with about 200 active beds.

It has the following wards:

- Orthopedics – Surgery – Neurology- ENT/Head and Neck surgery
- Subspecialized Knee, Spine, Hand, and Maxillofacial Surgery and Neurosurgery
- Comprehensive centers for Epilepsy and Multiple Sclerosis
- Neuropsychiatry

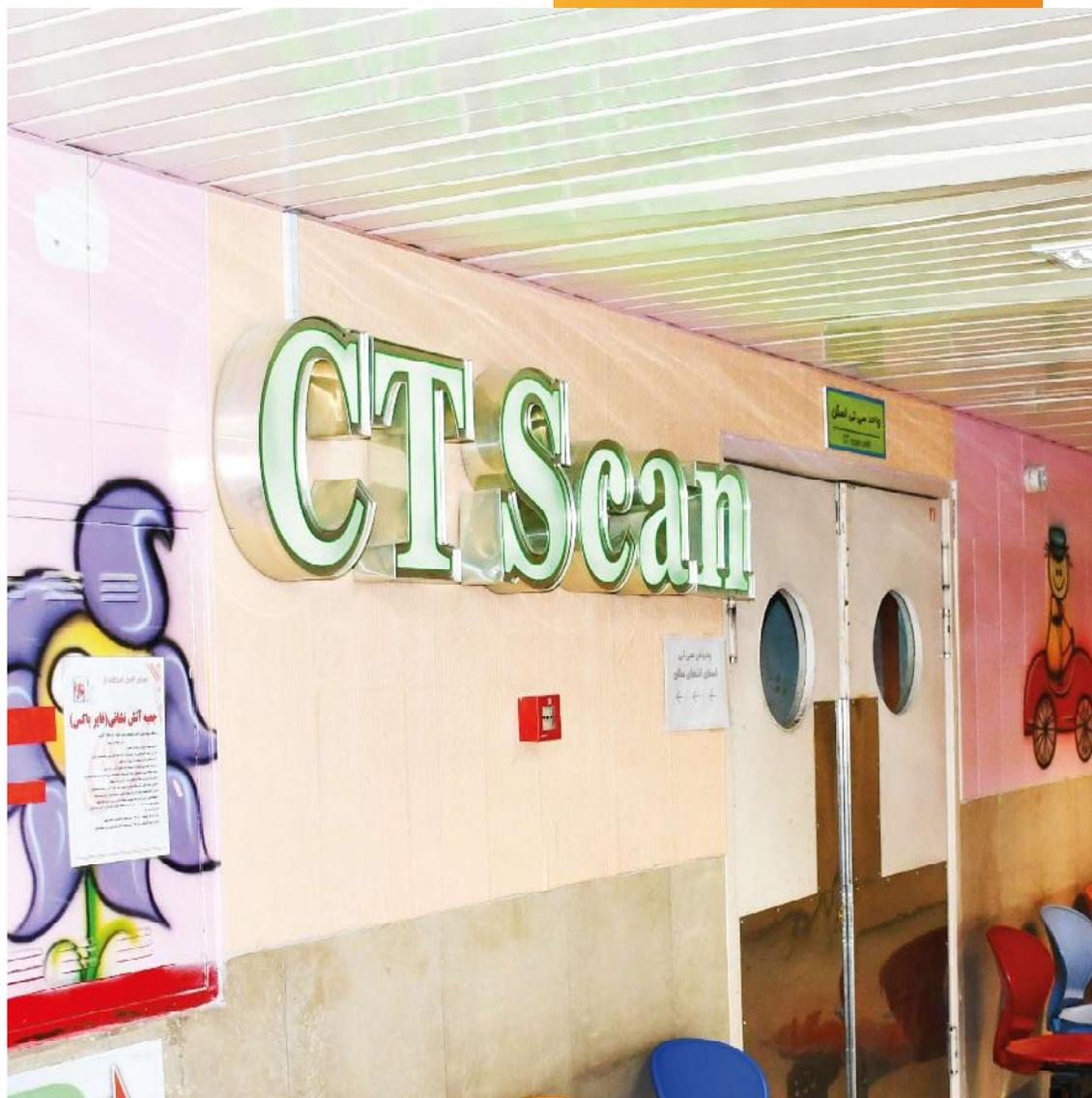
This hospital provides the following diagnostic and treatment facilities:

Ultrasonography – Endoscopy and Colonoscopy - CT scan - Radiology - MRI - Electroencephalography – Echocardiography, EMG/ NCV studies

The hospital offers the following subspecialized services:

- Hip and knee joint replacement surgery - pediatric orthopedics - hand and shoulder surgery
- Gastric bypass surgery (obesity) and different types of laparoscopy - abdominoplasty
- Different types of cosmetic and maxillofacial deformity surgery
- Epilepsy monitoring and surgery
- Brain 3D MR imaging with quantitative analysis
- Neuropsychiatric assessments
- Transcranial Magnetic Stimulation (TMS)





**Imam Hosein
Pediatric Subspecialized Teaching Hospital
(Founded in 2011)**



This hospital, with 190 active beds, is the only pediatric subspecialized center in the province of Isfahan.

It has the following wards:

- Surgery: Pediatric and Neonatal Surgery, E.N.T Surgery, Pediatric Neurosurgery, Plastic Surgery, Urologic Surgery, Minimal Invasive Surgery(Laparoscopic)
- Pediatric: General, Nephrology, Cardiology, Neurology, Endocrinology, Immunology, Infectious Disease, Neonatology, Gastrointestinology, Rheumatology, Toxicology and Poisoning, Dentistry
- Intensive Care Unit: 16 Pediatric (PICU); 14 Surgical Neonate(NICU); 10 Neonatal Care(NICU)
- 7 Operating Rooms

This hospital also has the following diagnostic and treatment facilities and equipment:

Pediatric Dialysis, Ultra Sonography, Radiology, Fluoroscopy, CT scan, MRI, Clinical and Anatomical Lab, Molocular Lab (PCR), Endoscopy, Electroneuro Diagnostic, Echocardiography

The following subspecialized services are also offered here:

Referral center for lip and palate cleft surgery, craniosynostosis surgery in infant, tumor surgery in neonal and pediatric

This hospital has the following Follow up clinics:

Cleft Lip and Palate, Anorectal and GI-CF, Endocrine



Farabi Medical Center (Founded in 1977)





This center works with about 303 active beds, more than 230 of them being psychiatric beds.

It has the following wards:

- Psychiatry
- Ophthalmology
- Internal - Neurology
- Orthopedics
- Psychiatric Emergency Department
- PET Scan

Electroconvulsive Therapy (ECT) for patients with mental disorders

This center has the following diagnostic and treatment facilities and equipment:

Ultrasonography, CT Scan, Radiology, Dialysis, Eyewashes to wash the eyes of the injured with chemical and radioactive exposures, Electric Motor equipped bathtubs for specialized treatment of HF-injured patients, Three-Sided Baths

It also has an emergency department for chemical and radioactive contamination, which performs specialized protocols for exposure to radioactive compounds, HF, and other chemicals on a case-by-case basis with limited capacity (two separate spaces for men and women at Levels 1 and 2)



Employee's Benefits and Services





Employees benefits services are one of the fundamental topics of human resources management in any organization and it refers to all the services that an employer or an organization or a company can provide to increase the welfare of employees of a group. These services include a wide range of facilities, such as providing educational facilities, dealing with issues related to the physical and mental health of employees, or providing the necessary facilities to prepare the necessary items and daily life needs of employees. The Department of Employees Benefits and Services of Isfahan University of Medical Sciences was established in March 2022 as an independent center under the direct supervision of the Chancellor of the University, with a new administrative infrastructure, including accounting, procurement and independent budget allocation, based on which, all kinds of services are provided to the university employees.

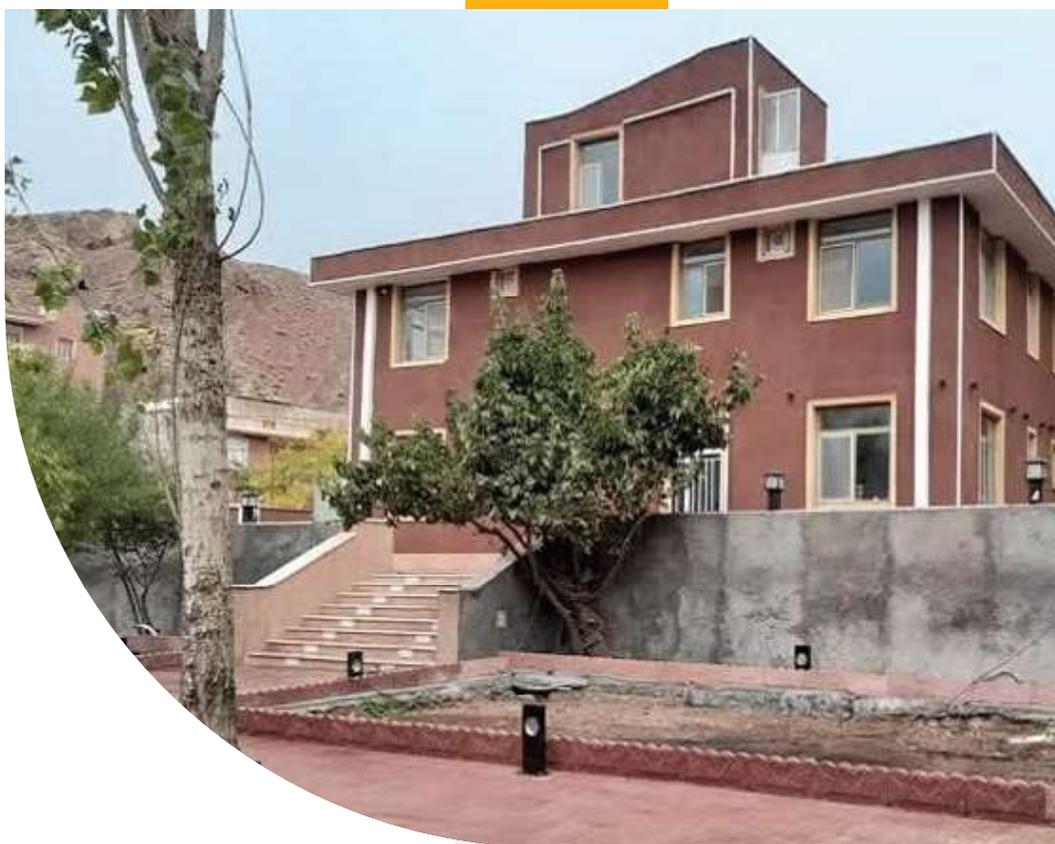


- Signing different contracts with different stores and sales centers and providing discount cards to employees to buy from those centers
- Signing contracts with sport complexes such as swimming pools and planning for the use of employees
- Coordinating and consulting with hotels or inns in different cities and planning and providing related welfare services
- Signing contracts with medical centers, hospitals, and doctors' offices in order to obtain discounts for employees and reduce medical expenses for them
- Conclusion of agreements with reliable and competent companies
- Signing a cooperation agreement with air, rail and ground transportation companies to obtain discounts on city and intercity or international trips for employees
- Signing contracts with educational centers in order to facilitate employees training and promotion





- *Giving more than 950 billion tomans of bank facilities to faculty members, managers, employees and students of Isfahan University of Medical Sciences
- * Distributing 60 billion Rials loan facility to vulnerable groups with a %2 interest rate
- * Organizing one hundred institutional houses
- * Pursuing the establishment of a new university housing cooperative
- *Following the relaunch of the university employees' cooperative
- * Reconstruction, renovating the universities resorts:
 - Renovation of 5 villas in the tourist area located in Khoro Biyabank
 - Renovation of 3 units in Hojat Abad Chadegan
 - Renovation of 3 units in Abyaneh
 - Renovation of 10 villas in Chadegan
- Restoration, reconstruction and beautification of the welfare educational complex No. 1 of Bagh Ghadir
 - Reconstruction of 4 welfare units in Bagshad Lanjan
 - Reconstruction of 4 units in Semiram city
- *Signing contract with recreational facilities in all parts of the country including Mahmood Abad, Ramsar, Khazarabad, Qeshm, Kermanshah



* Distribution of more than 2,000 special food baskets for the holy month of Ramadan among colleagues

* Signing contracts with main shoe, clothing and hypermarket stores

* Signing contract with pilgrimage agencies such as Haft Iglim Agency, Saman Al-Aimah Institute, Nasim Behesht, Asan Sir Sepahan in order for the employees to attend such trips for free:

Facilitating the trip of more than 400 personnel of the University of Medical Sciences with their families to Qeshm and Kish by rail and air

Facilitating the trip of more than 1200 personnel with their families to holy Mashhad in the form of rail and air tours with installments of 6 to 8 months

Facilitating the trip of more than 200 medical staff to Karbala and Mecca

Reservation of more than 250 air, rail and ground tickets for university employees and their families

*Establishing the first large exhibition of home appliances with Iranian brand for 15 days and allocating a loan of 500 million Rial with an interest rate of %2



Actions against COVID19



Since February 2020, when the Corona pandemic broke out, Isfahan University of Medical Sciences, in line with the policies of the Ministry of Health and Medical Education, has carried out extensive health, treatment, research and educational actions in this field throughout Isfahan province. This chapter provides a brief description of these activities.

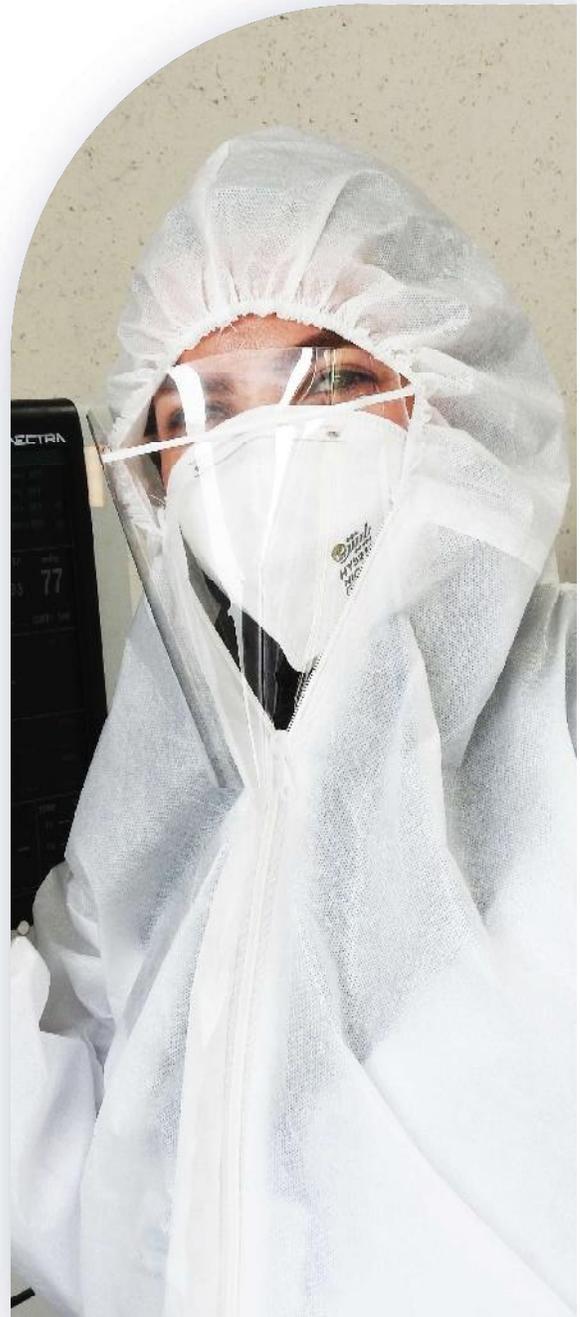
Preventive, Control and Treatment Actions

- Running the phone line 3113 to answer people's questions and guide patients
- Equipping and launching the Molecular Detection Laboratory of COVID19, which by February 2022 had performed about one million and four hundred tests, of which four hundred and seventy thousand were positive. Also, the necessary coordination and follow-up had taken place to increase the capacity of private laboratories for COVID19 test and related quantitative and qualitative evaluations





- Establishment of 47 intensive care centers of COVID19 to where symptomatic patients are referred, sampled, and treated on an outpatient basis and referred to the hospital if necessary
- Phone follow-up of COVID19 patients six times during the illness period and maintenance of their recovery
- Monitoring the health and vaccination status of high-risk individuals
- Issuing licenses for clinical care centers at home and sending home care teams for patients who cannot leave their homes
- Setting up 43 major vaccination centers in the province and injection of about eight million and five hundred thousand doses of COVID19 vaccines to 4940000 individuals in Isfahan province (by March 2022 ,20) Eighty percent of this population had one shot, seventy percent tow shots and pourty percent three shots.
- Development of training and information campaigns throughout the province that produced and provided educational resources in various formats such as posters, banners, tracts, pamphlets and clips with a circulation of 300,000 copies for different groups of society.
- Attracting maximum participation and support of the important groups, including benefactors, partners, decision-makers and even the opposition one how to empower the community to take care of their health
- Collecting information and identifying the critical groups that had higher priority for vaccination including special patients, specialists, physicians and assistants of special wards (nurses)





- Management and supervision of supply and distribution of COVID19 specific pharmaceutical and health items throughout the province and evaluation of their quality.



- Defining and monitoring protocols that minimize the risk of COVID19 infection in hospitals, health centers and clinics such as isolation of dialysis patients' routes; defining a special process for the delivery of corpses of suspected or confirmed COVID19 patients; implementation of social distances in medical centers; closure of all unnecessary services, including beauty and slimming; assigning referral imaging centers for patients with COVID19 as well as radiology and sonography institutes for pregnant mothers; separating CT scan units of patients with COVID19 from other patients in hospitals; allocating referral clinics for patients with COVID19; stopping the movement of food trolleys between the inpatient wards and all spaces related to food services; Restraining the entry of any type of food container from the inpatient wards to the spaces related to food services; using industrial packaged breads and disposable tableware in hospitals



- Cooperating with WHO regarding donated equipment; coordinating with the Red Crescent to use the potential of that organization in sending aid and attracting and receiving donations and cash or non-cash social support; signing a memorandum of understanding with Isfahan Mobarakeh Steel Complex to receive more than 10,000 tons of liquid oxygen in 1999 for free and distributing it in Isfahan province and 20 other medical universities in the country and some private hospitals in Tehran
- Managing complaints related to non-compliance with tariffs, or non-compliance with personal protection protocols by medical centers
- Supervising the collection, recording and reporting of COVID19 cases information and related data in particular cases such as infants, children 1-59 months, medical staff or special patients like dialysis patients
- Providing extra care services to patients with critical COVID19 conditions such as presence of mental health experts one day a week in hospitals for emotional and psychological support; distribution of support packages, masks and alcohol to the low income patients; presence of a senior nutritionist to train and supervise the cooking COVID19 diet foods in hospitals
- Developing a comprehensive provincial instruction for the treatment procedure of COVID19 patients of medical centers and hospitals
- Comprehensive planning for the treatment of COVID19 patients and planning of the time and manner of participation of all university and non-university hospitals in providing services to COVID19 patients and allocating and providing hospital resources, beds and medical staff to patients in a manner that the highest therapeutic efficiency could be achieved; Designation of provincial focal points and scientific observers to prepare instructions for the implementation of this policy; Examples of such actions are as following: needs assessment and planning for using the capacity of medical staff, specialists, nurses and volunteers in medical centers and hospitals, setting up 604 ICU beds in hospitals in critical time periods, supplying more than 100 vital devices such as ventilator, vital signs monitor, wavy mattress, serum injection pump, pulse oximeter, video laryngoscope, bypass, CPAP, Microvent, Portable Suction, CT Scan, MRI, angiography, fixed and portable radiography, ultrasound and echocardiography, oxygen generators and liquid oxygen tanks, and supplying personal protective equipment to medical centers
- Registration of errors in adverse treatment events in the Never Event website, root analysis of reported errors and holding provincial error and risk committees regarding COVID19 disease



Research

About 487 research projects are defined and being executed in regard with COVID19 at Isfahan University of Medical Sciences up to this moment. Our researchers also contributed to national and international research projects such as WHO solidarity trail on COVID19 medications. We also had three clinical registries for COVID10 patients. 506 articles were published in the field of COVID19, till the end of 2021, from which 359 articles were indexed in Web of Science and 408 were indexed in Scopus.

Educational activities

The Coronavirus pandemic has influenced the educational systems, leading to the closure of the physical class settings. Hence teaching at Isfahan University of Medical Sciences has been undertaken remotely and on digital platforms, for which the university has setup a certain infrastructure; Isfahan University of Medical Sciences has not only fulfilled these requirements and established a functional education system, but has also undertaken the reinforcement of the communication and telecommunication substructure. Our aim during this difficult and confusing time has been to support students with what we do best. To achieve this goal, the University Academic Learning Management System (NAVID) is used to provide courses in the form of audio PowerPoint files, small educational videos, and file types. Making a panel of conversations, assignments, testing, reporting, and providing feedback to colleges to improve the quality of courses are other capacities of this system that allows virtual education asynchronously. Moreover, professors mostly use Adobe Connect and Sky Room to hold their classes online so that the students can benefit greatly from questioning the professors and use the curriculum and course plans easily.

Development of the university's virtual studio with state-of-the-art equipment such as the highest quality sound recording equipment, advanced video, and lighting equipment, Full HD cameras, lapel microphones, and independent sound recording microphone, modern possibility of live internet broadcasting, control room with advanced hardware and software, recording and editing audio and video are other activities of the university for remote course delivery. It is also to mention that students were divided in very small batches for their practical and clinical classes.





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