

## In the Name of Allah, The Most Compassionate, The Most Merciful

Iran is an ancient land with a great civilization and bright background. It is one of the most significant countries of the ancient world and for a long period of time, the books written by Iranian Muslim scientists were taught in the best and the most important academic centers of the world and humanity has always enjoyed their discoveries and inventions. Currently it has also girded up its loins to reach the pinnacles of development, particularly in the field of new sciences and technologies and in this way, thanks to the splendid Islamic Revolution, it has attained considerable achievements during the last 43 years. Kashan, an important city, of excellent reputation and pious and learned people, is located at the heart of Iran. It is a city of great history, distinguished scientists, dynamic industries, and

numerous scientific centers. The University of Kashan, with a history of about five decades, is the first and the biggest institution of higher education in the region. A lively university with 306 full-time energetic faculty members, ebullient and diligent students, with good educational facilities and notable research achievements. The vision for Kashan University in 2025 is to be among the top 5 universities in Iran with the most innovative, entrepreneurial, and international activities.



The present booklet is a brief introduction to this central scientific institution which seeks to make great strides in the road to the development of itself and elevation of knowledge in global levels due to the collaboration and communication and conclusion of memorandums of agreement and understanding in educational, research, and technological fields with national and international scientific centers, and the exchange of students and of faculty members.

**Dr. Abbas Ketabi**

Chancellor

University of Kashan

# City of **Kashan**

Kashan, located at the heart of Iran, is 230 kilometers south of Tehran and 210 kilometers north of Isfahan. It is one of the historical and cultural areas and one of the poles of civilization and wisdom in Iran. From time immemorial till now, from Sialk to Sepehri, it has been constantly recognized as a prominent region of Iran and in every time and every field has left luminaries and outstanding culture-making persons; it is no exaggeration to say that Iranian culture, in various fields owes its forming, acceleration, development, fame, and glory to Kashan and its people.

From the 7000-year old Sialk to more recent eras, especially post-Islamic era, Kashan has been flourishing continually in various cultural fields in Islamic jurisprudence, philosophy, mysticism, theology, mathematics, astronomy, literature, music, architecture, tile making, painting, calligraphy, carpet, textile, copper, etc. and in every field mentioned has been proud to have such luminaries like erudite Mola Mohsen Feiz Kashani,

Ghiyath-Addin Jamshid Kashani, Mola Mehdi and Mola Ahmad Naraghi, Ghojb-Addin Seyed Abureza and Abubakr Ravandi, Mohtasham Kashani, Kamal Almolq, Mola Fathollah Kashani, Mola Habibollah Kashani, Mola Abdorrasul Madani, Sabahi Bidgoli, Mohammad ebne Mohammad Zaman Nushabadi, Sanialmolq, Nezam Vafaye Arani, Sohrab Sepehri, and Sepideh Sepehri.

Scholars, men of religion, scientists, artists, and poets of the city, historical buildings, handicrafts from hand-woven, silken, and brocade carpets to tile making, embossing, potteries, copperware chinaware, different kinds of perfumes, rose-water and essences, and main factories and new industries all tell the story of endeavors and diligence of these men of great experience.

Kashan, with a population of 400,000, is surrounded by the central range of mountains of Iran. Cities and villages located at the foot of the mountain like Natanz, Ghamsar, Ghorood, Niasar, Barzok, Nashalj, and their countrysides enjoy mild

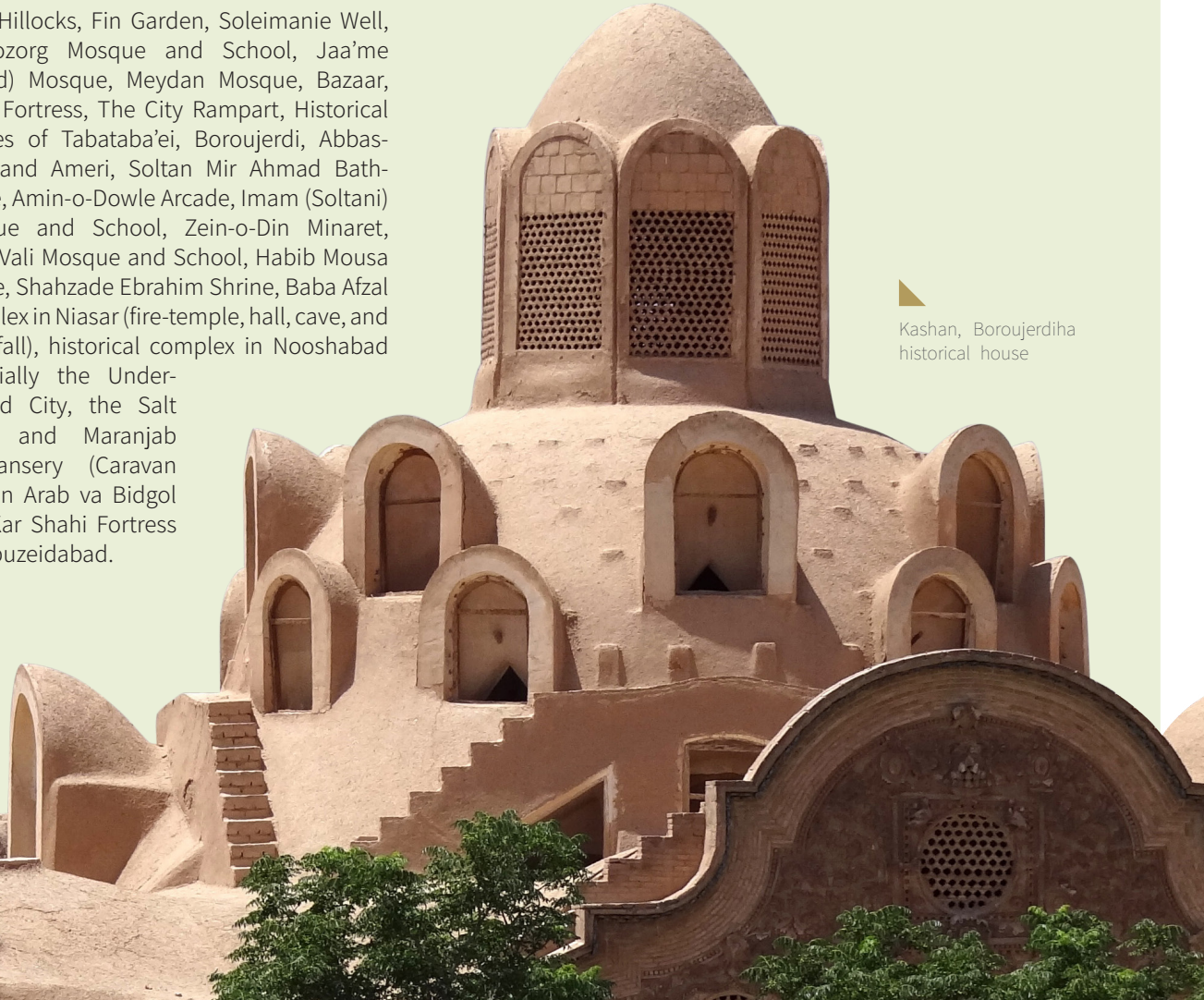
and pleasant climate; as we move from the north and the east towards the central desert of Iran, we encounter arid and dry climate but endowed with natural and historical appeals of some cities such as Aran va Bidgol, Nooshabad, Abouzeidabad, and the Salt Lake.



## Historical Places in Kashan

There are about 1,200 historical places in Kashan, of which the most important spots are:

Sialk Hillocks, Fin Garden, Soleimanie Well, Aqabozorg Mosque and School, Jaa'me (Grand) Mosque, Meydan Mosque, Bazaar, Jalali Fortress, The City Rampart, Historical Houses of Tabataba'ei, Boroujerdi, Abbasian, and Ameri, Soltan Mir Ahmad Bathhouse, Amin-o-Dowle Arcade, Imam (Soltani) Mosque and School, Zein-o-Din Minaret, Baba Vali Mosque and School, Habib Mousa Shrine, Shahzade Ebrahim Shrine, Baba Afzal Complex in Niasar (fire-temple, hall, cave, and waterfall), historical complex in Nooshabad especially the Underground City, the Salt Lake, and Maranjab Caravansery (Caravan Site) in Arab va Bidgol and Kar Shahi Fortress in Abuzeidabad.



Kashan, Boroujerdiha  
historical house



# University of Kashan



# University of Kashan

The University of Kashan was founded as the first institution of higher education in 1973 in Kashan region. It began its activities in October, 1974 by admission of 200 students of mathematics and physics. In 1989, more academic fields started and the institution continued its activities as Kashan Teacher-Training University under the supervision of the Ministry of Science. In 1994, by offering engineering programs, the university was acknowledged by the Ministry of Science as a public state university in 1995. Architecture and Arts College was added to the university with an emphasis on the needs, local art, and industries of the region. Chemistry faculty as the 5th college after Science, Humanities, Engineering, Architecture and Arts Colleges, was founded in 2008. Currently the University of Kashan, within the boundary of 530 hectares and with 80,000 square meters of infrastructure (building), in addition to educational campus, provides leisure, services and sports facilities,

dormitory complex, the university canteen complex, amphitheater, green spaces, mosque, study halls and health-care center. Besides ten faculties of the institute, there are three active research institutes of Nano Technology, Natural Essential Oils, Carpet, and Energy and also three Research Centers of Kashan Studies, Carpet, and the Observatory that contribute to the fact that the University of Kashan in recent years has been among the top ten universities of Iran. Presently, the university has more than 300 faculty members and university lecturers and it has about 8,380 students, studying in over 180 courses, 40% of them are in Postgraduate studies (M.A/MSc and PhD) of which %60 are female students. Accommodating about 8,380 students in 60 programs for undergraduate, graduate, and postgraduate levels on the one hand, and 297 full-time energetic faculty members, the University of Kashan is approaching the clear future horizons.



# University of Kashan in Numbers and Statistics



1937, Established as the first higher education institute in Kashan region  
1938, Official Opening with Admission of 200 Mathematics and Physics Students

## Faculty Members at University of Kashan

306

Faculty  
Members

31

Professors

86

Associate  
Professors

180

Assistant  
Professors

9

Lecturers



## Courses at University of Kashan

202

Total Number of Courses

64

Undergraduate Courses

100

Graduate Courses

38

Postgraduate Courses

restaurant complex of  
University of Kashan

## Journals of University of Kashan

12

Total

10

Periodical  
Journals

2

Review  
Journals

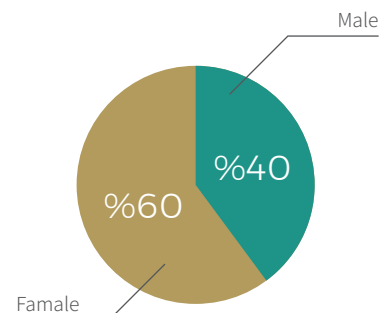
## Students at University of Kashan

8388 Total Number of  
Students

5358 Undergraduate  
Students

2205 Graduate  
Students

820 Postgraduate  
Students





## Educational Centers at University of Kashan

15  
Total



11  
Faculties

4  
University  
Campus

## Research Centers at University of Kashan

10

Research Centers and  
Research Institutes

## Financial Support on Research Projects

202,174  
billion IRR

Faculty Members'  
Research Grants



203

Books Printed with  
University's Support

13

National and Inter-  
national Conferences  
Held

8

Knowledge Intensive  
Companies

3183

ISI and ISC indexed  
journal papers

6

Internationally-rec-  
ognized Inventions

**Research**

Technology Activities at  
University of Kashan



## University of Kashan's Latest Achievements:

- 601-800<sup>th</sup> Worldwide in Times Higher Education World University Rankings
- 4<sup>th</sup> among All Universities in Iran, 2<sup>nd</sup> among Public State Universities of Iran
- 100<sup>th</sup> among Asian Universities in Times Higher Education Asia University Rankings
- Top 1% Universities of the World
- 24 Internationally Renowned Scientists and Scholars
- 1<sup>st</sup> in Research Proficiency among Iranian universities

- 2<sup>nd</sup> in Iran, 104<sup>th</sup> Globally in 2021 UI GreenMetric International Ranking
- 2<sup>nd</sup> in Nanoscience and Nanotechnology among Public State Universities of Iran
- Dr. Masoud Salavati, Faculty Member at University of Kashan, Top Nanoscience and Nanotechnology Researchers of the World
- 3 Indexed Journals in Thomson Reuter's Institute for Scientific Indexing (ISI)
- 1<sup>st</sup> among Central Laboratories

- of Iranian universities
- Establishment of the Center for Innovation and Commercialization to Facilitate Alumni Employment
- Honored to Receive Highest Number of Contributions from Philanthropists in Higher Education Institutes of Iran
- Top 5 Universities in admitted Number of International Students in Iran (in 2016)



# Faculties

at University of Kashan

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## Faculty of Engineering

- Number of the students: 1111
- Number of full-time faculty member: 43



Faculty of Engineering	B.A/B.Sc	M.A/ M.Sc	Ph.D
Industrial Engineering	■	--	--
Civil Engineering	■	■	--
Structural Engineering	--	■	--
Identification and Selection of Metal Materials	--	■	--
Industrial Metallurgy	■	--	--
Mining Exploration	--	■	■
Mining Excavation	--	■	■
Mineral Processing	--	■	--
Mining Engineering	■	■	■
Chemical Engineering	■	■	■
Polymer	--	■	--
Process Design	--	■	--
Separation Processes	--	■	--
Thermo-Kinetic and Catalyst	--	■	--
Catalyst	--	■	--

# Faculty of Electrical and Computer Engineering

## Faculties at University of Kashan

- Number of the students: 1059
- Number of full-time faculty member: 33

Faculty of Electrical and Computer Engineering	B.A/B.Sc	M.A/ M.Sc	Ph.D
Computer Engineering	■	--	--
Software Engineering	■	■	■
Artificial Intelligence	--	■	■
Electrical (Control) Engineering	■	■	■
Electronic Engineering	■	■	--
Power Engineering	■	■	■
Telecommunication Engineering	■	■	--

# Faculty of Mechanical Engineering

Faculties at University of Kashan



- Number of the students: 854
- Number of full-time faculty member: 23



Faculty of Mechanical Engineering	B.A/ B.Sc	M.A/ M.Sc	Ph.D
Applied Design	--	■	■
Energy Conversion	--	■	■
Heat and Fluids	■	--	--
Manufacturing and Production	■	■	■
Mechanical Engineering	■	--	--
Solid Design	■	--	--
Solid Mechanics and Design	--	--	■

# Faculty of Mathematics

## Faculties at University of Kashan

- Number of the students: 570
- Number of full-time faculty member: 25





Faculty of Mathematics	B.A/B.Sc	M.A/ M.Sc	Ph.D
Applied Mathematics	■	■	■
Pure Mathematics	■	■	--
Analysis (Random, Complex, and Functional)	--	■	■
Geometry	--	■	--
Group, Graph, and Code	--	■	■
Mathematics and Applications	■	--	--
Module and Ring Theory	--	■	■
Number Theory and Cryptography	--	■	■
Numerical Analysis	--	■	■
Computer Sciences	■	--	--
Statistics and Applications	■	--	--
The Theory of Differential Equations and Dynamical Systems	--	■	--
Topology and Topological Algebras	--	■	■
Applied Mathematics – Cryptography	--	■	--
Applied Mathematics – Differential Equations	--	■	--

# Faculty of Chemistry

## Faculties at University of Kashan

- Number of the students: 713
- Number of full-time faculty member: 34

Faculty of Chemistry	B.A/B.Sc	M.A/ M.Sc	Ph.D
Analytical Chemistry	--	■	■
Applied Chemistry	■	--	--
Biochemistry	--	■	--
Cellular and Molecular Biology	■	--	--
Inorganic Chemistry	--	■	■
Organic Chemistry	--	■	■
Physical Chemistry	--	■	■
Pure Chemistry	■	--	--
Pharmaceutical Chemistry	--	■	--

# Faculty of Physics

## Faculties at University of Kashan

- Number of the students: 572
- Number of full-time faculty member: 31

Faculty of Physics	B.A/B.Sc	M.A/ M.Sc	Ph.D
Atomic – Molecular Physics	--	■	■
Condensed Matter Physics	■	■	■
Elementary Particles and Field Theory	--	■	■
Physics Engineering	■	--	--
Laser	--	■	■
Nuclear Physics	■	■	■
Photonics	--	■	■
Physics	■	--	--
Plasma	--	■	■



# Faculty of Architecture and Arts

Faculties at University of Kashan



- Number of the students: 835
- Number of full-time faculty member: 27

Faculty of Art and Architecture	B.A/ B.Sc	M.A/ M.Sc	Ph.D
Archeology	■	■	--
Architectural Engineering	■	■	--
Islamic Art	--	■	--
Bionic Architectural Engineering	--	■	--
Carpet Design	■	■	--
Carpet Economics and Managements	--	■	--
Carpet Design and Dyeing	■	-	--
Raw Materials and Dyeing	--	■	--
Handicrafts	■	-	--
Pottery and Ceramic	--	■	--
Restoration of Historical Sites	--	■	--
Islamic Arts	--	-	■

# Faculty of Literature and Foreign Languages

## Faculties at University of Kashan

- Number of the students: 960
- Number of full-time faculty member: 42



<b>Faculty of Literature and Foreign Languages</b>	<b>B.A/B.Sc</b>	<b>M.A/ M.Sc</b>	<b>Ph.D</b>
Arabic Language and Literature	■	■	■
Arabic Translation	--	■	--
English Language and Literature	■	--	--
English Translation	■	--	--
Teaching English as a Foreign Language (TEFL)	■	■	--
Nahj Al-balaghe	--	■	■
Teaching Islamic Education	--	■	--
Islamic Philosophy and Theology	■	■	■
Persian Language and Literature	■	■	■
Persian Language and Literature – Revisioning and Writing	--	■	--
Quran Sciences and Hadith Studies	■	■	■
Study of Religions and Mysticism	■	■	■

# Faculty of Humanities

Faculties at University of Kashan





- Number of the students: 1174
- Number of full-time faculty member: 32



Faculty of Humanities	B.A/ B.Sc	M.A/ M.Sc	Ph.D
General Psychology	■	■	--
Educational Psychology	--	■	--
Social Science	■	-	--
Research in Social Science	--	■	--
Cultural Studies	--	■	--
Family Studies	■	--	--
Life Science	■	--	--
Social Problems	--	--	■
Curriculum Planning	--	■	--

Faculty of Humanities	B.A/ B.Sc	M.A/ M.Sc	Ph.D
Educational Planning	■	--	--
Psychology	--	■	■
Crime and Criminology	--	■	■
Law	■	--	--
Family Law	--	■	-
Private Law	--	■	--
Sport Science	■	--	--
Exercise Physiology	■	--	--
Entrepreneurship Management	--	■	--
Executive Management	--	■	--
Business Management	■	--	--
Marketing Management	■	--	--
Educational Administration	--	■	--
Sport Physiology – Physiology of Physical Activities and Wellbeing	■	■	--

# Faculty of Natural Resources and Earth Sciences

Faculties at University of Kashan

- Number of the students: 246
- Number of full-time faculty member: 19

Faculty of Natural Resources and Earth Sciences	B.A/B.Sc	M.A/ M.Sc	Ph.D
Combating Desertification	--	■	■
Ecotourism	--	■	--
Environmental Sciences	--	■	--
Geography and Urban Planning	--	■	--
Rangeland Management	--	■	--
Watershed Management	--	■	■
Environmental Engineering	■	--	--

# Nano Science and Nanotechnology Research center Faculties at University of Kashan



- Number of the students: 153
- Number of full-time faculty member: 2

Nano Science and Nano Technology Research Center	B.A/ B.Sc	M.A/ M.Sc	Ph.D
Nano Chemistry	■	■	--
Nano Chemistry Engineering	--	■	--
Nano Physics	■	-	--
Nano Electronics	--	■	--
Nanochemistry – Nanomaterials	■	--	--
Essential Oil Technology and Chemistry	■	--	--

# Energy Research Institute

## Faculties at University of Kashan

- Number of the students: 75
- Number of full-time faculty member: 2

Energy Research Center	B.A/B.Sc	M.A/ M.Sc	Ph.D
Energy Systems Engineering	--	■	--
Architecture and Energy	--	■	--

# Research Centers

## at University of Kashan

### **Center for Kashan Studies**

The importance of Kashan in the history and civilization of Iran and its cultural and ecological features and the significant influences of this city on some of the big social and political events of the country in different eras of great scholars and men of letters, in addition to multifarious regional dialects in the villages and towns around the city, make the necessity of research and acknowledgement of this region in an inevitable scientific manner. The Center for Kashan Studies is one of the newly-established centers of the university and it is determined to study about the aforementioned grounds and fields of study. Reviving the scientific and literary works of the past scholars, this center supports theses and dissertations on such a theme and publishes Kashan Shenakht Periodical.

### **Observatory**

The Observatory of University of Kashan inaugurated in September 2006 as one of the most equipped observatories in the country to promote modern astronomy, to teach academic astronomy, and to do astronomical researches. This observatory is on a longitude of 51° 09' E and latitude of 33° 58' N and is located in the altitudes of Niasar City, Kashan. There are a number of facilities available in the Observatory, such as:

- Different kinds of telescopes
- Planetarium
- Astronomical and regular types of binoculars

## The Entrepreneurship Center

The entrepreneurship center is the executive unit of 'The Plan of Development of Entrepreneurship at Universities' (KARAD) at University of Kashan. It performs its activities under the supervision of the chancellor of university in order to increase the efficacy and efficiency of the students and those who have been graduated, and it follows the policies, programs and the ratifications of the Entrepreneurship Committees of the University. Generally, the principal aims of this center are

as follows:

- Promoting and developing the knowledge of entrepreneurship through entrepreneurial researches, instructions, teaching and practice at the university
- Creating and developing the business affairs and economic professions with high competition centers and people at international level, and meeting the needs of industrial and manufacturing businesses across the country

The activities of this center fall with-

in these three areas of education, research and development (R&D), and consultation. Development Center (Markaz E Roshd) The Entrepreneurship Center of University of Kashan was founded in 2003 as a basic approach to provide employment and establish Small and Medium Enterprises (SME) and as a suitable milieu for intellectuals and research activities and developments. The center has promulgated its readiness to accept and support of companies, newly es-





established institutes, industries and research centers. Since the establishment of the Entrepreneurship Center (Markaz e Roshd), more than 60 units have entered the center or have had close cooperation with it. The aims of the Entrepreneurship Center are as follows:

- Increasing and boosting the research activities and development in all the research and executive units
- Collaboration in making the research and innovations com-

mercial in private and public sections

- Providing the facilities and needed equipment to identify, attract and enable the people and the sections with innovative ideas
- Relationships with all of the educational and higher educational centers and research centers in the region to identify and attract the geniuses and intellectuals
- The Center of University Rela-

tions with Industry

- The Center of University Relations with Industry at University of Kashan performs well in two realms of training affairs (apprenticeship) and expansion of relations with industry.

This center organizes training courses, programing services, and introduces applicants to relevant authorities to obtain training permission. The center also deals with designing and supervising students' end-of-period training projects.



### Student Counseling Center

There are clinical psychologists, consultants, and trained social workers in this counseling center of university who help students to solve their social and psychological problems, improve their mental health and provide health services.

### Carpet Research Center

This center was established in 2002 with the endeavors of members of Faculty of Arts as it provides grounds for active collaboration in hand-woven carpet industry in the programs of carpetdyeing, designing, raw materials, history, sociology, carpet-mend-



ing and weaving, economics and business, among teaching staff, researchers and students who are interested in the art of carpet weaving.

The followings are the aims of Carpet Research Center:

- Doing fundamental and developmental research
- Holding scientific and technical counseling services
- Identifying and satisfying the needs for research conduction
- Providing proper facilities for performing research projects
- Creating active relationships with other scientific centers and harmonious relationships with experts and innovators in scientific centers and other related organizations

### **Natural Essential Oils Research Institute**

The institute was founded in 2001. This research institute performs its scientific activities in three research groups of a) extraction and structure elucidation of essential oils ingredients and their applications, b) agriculture and rectification of herbal breeds, and c) designing industrial and semi-industrial processes of natural essential oils products.

#### Energy Research Institute

The Energy Research Institute at University of Kashan was founded in 2007 and involves four research groups:

- Energy-saving and Energy resources
- Power transmission
- Computations and IT
- Fuel, Combustion, and Environment

This research institute has 23 faculty members in different branches of Engineering and Sciences. This research institute has various contracts with organizations outside the university.

# Prospect of University of Kashan

The management system of each organization is an essential factor to encounter environmental challenges as it determines future decisions. The increasing rate of changes in the current state of societies remains no chance to make decisions based on previous experiences. Though such an experience is precious, it cannot help to think about future; so, we need to have a prospectus of our aimed future. In this regard, the prospectus of University of Kashan is NOT a prophecy and perspective of inevitable future. Instead, it is an effort to discover possible and probable future, and assumptions for justifiable and stable solutions and it deals with no unpredictable issues. It is impossible to predict future as lots interwoven factors are contributing to change the future. So, the basis of such a prospectus is obtaining such aims and goals in spite of those unpredictable issues. It might sound like an idealistic writing of aims and goals. Still, the developments in the

continuum of twenty years of University of Kashan confirms that all objectives will be obtained in an environment of cooperation among the board of directors and trustees, faculty members, staff, and students.



## Missions

Obtaining the title of paramount university in a nation-wide basis and increasing its competitive status in different areas of education, research, cultural, and its relationship with society in regional, national and international levels.

- 1 | University has a pivotal and facilitative role in retaining and promotion of Islamic and cultural identities, and thorough relationship with the values and ideals of Islamic Republic of Iran
- 2 | It trains faithful, creative, open-minded, empowered, and entrepreneurial beings to work in different social, cultural, economic and administrative sections
- 3 | Producing and promoting of knowledge with a focus on international interactions
- 4 | Meeting the needs of all other social, cultural, and economic sections of society at regional, national, and international levels
- 5 | Having a vital role in policy-making and management policies of Kashan in order to facilitate and expedite the process of social, cultural, and economic development



## Strategic issues

- 1 | Promotion of Islamic and cultural identities including Quran's commands and traditions of Prophet and the infallible twelve, theory of Mahdaviat, and principal of absolute clerical rule in all policies of the university
- 2 | Promotion of synergistic and continuous cooperation obtain ultimate unification of university, codifying progress patterns, exchange of instructors and students, and holding joint courses and researches in different scientific and cultural areas
- 3 | University role in promotion of cultural and Islamic identities, and its efficiency of the management of the community and regional solidity
- 4 | Management system with an emphasis on strategic insight, dynamic, creative, innovative and accountable mind pattern to promote the competitive proficiency of university
- 5 | Promotion of planning system of university to improve transparency, accountability, effectiveness and efficiency of university management by simple processes and methods
- 6 | Promotion of organizational themes based on religious attitudes in university
- 7 | Joint management based on cooperation with faculty members, managers, staff and students
- 8 | Increasing cooperation among staff in university by motivating and providing appropriate working conditions
- 9 | Supporting regional cooperation in higher education policies

## Fundamental values

- 1 | Observing monotheistic insights in all of university activities
- 2 | Commitment to the ideals of Islamic Republic of Iran
- 3 | Learning to think freely and critically, criticize and being criticized
- 4 | Promotion of self-confidence, scientific pluck, creativity and innovation with an emphasis on Persian (Farsi) language
- 5 | Emphasis on cooperation in educational, research and cultural activities
- 6 | Promotion of equal access to educational and research opportunities, and participation in the establishment of knowledge-based societies with its competent and educated people
- 7 | Continuous quality improvement and equal growth of quantity and quality of courses; and designing interdisciplinary fields of study
- 8 | Promotion of moral, professional, and human rights values in management, educational, and research fields
- 9 | Commitment to the promotion of the competitive proficiency of university
- 10 | Considering human resources as the main possession of university
- 11 | Commitment to the life quality improvement of inhabitants

## Contact Us:



Qotb-e Ravandi Blvd., Kashan,  
87317-51167, IRAN



+98 31 5531 2124-5



int.office@kashanu.ac.ir



www.kashanu.ac.ir



@universityofkashan



@uniofkashan