Off-Campus Branches

- Arak Branch
- Behshahr Branch

IUST Arak Branch

IUST Arak Branch was founded in 1992. Located in the center of the city of Arak, was established to provide training for skilled personnel and reinforce a close relation between Arak industrial pole and the IUST, dealing with the research necessities of local industries.

Its graduates have shown remarkable success, either as industry employees or as student pursuing their postgraduate studies in recognized universities. This newly established faculty has had an important role in research activities in the area and excellent cooperation with local industries and government. IUST Arak Branch transfers the experiences of the industries into classrooms by making some cooperation contracts with main industries in the area.

All faculty members are committed to higher educational and research standards. Presently, 700 students are studying in five fields of engineering at the B.Sc. level. More than 500 students have been graduated from this Branch.

The library maintains a collection of 14000 volumes of books and 110 titles of journals. The university computer center is giving the services to the students and the faculty members using the local network assisting the process of expanding the science and accelerating the training, research and official activities. The information center of Arak Branch is giving 24 hour services to the users as one of the best information networks in the area and the city.

Most noteworthy educational/research achievements of the IUST Arak Branch within the past four years include:

- Publication of 25 journal papers in highly accredited engineering journals at national and international levels.
- Presentation of more than 200 conference papers in scientific and engineering gatherings.
- Authorship and translation of 6 titles of books in the field of Technical & Engineering.
- Recipient of selected inventor of the country in 2007.
- Recipient of selected researcher of the province in years of 2006 and 2007.
- Recipient of 3 patents.
- 28 industrial project contracts with the Municipality and Jahad Keshavarzi.

Arak city, the center of Markazi province, is located 250 Km from Tehran and is one of the principal industrial sites of Iran, a home for a variety of heavy industries in particular metal and industrial machines, like:

Mechine Sazi Arak (MSA) and AZAR AB factories (for production of heavy machines such as Boilers and the Engines chemicals), Wagon Pars (train manufacturing), Iranian Alumium Company, Avangan (for pylons of lines high voltage), HEPCO (heavy machines of construction of road), Petrochemical factories and oil refineries, Navard Aluminum Manufacturing Group, Iran Combine Manufacturing Company, and Arak Oil Refinery Company.

Departments

- Mechanical Engineering
  - Manufacturing
  - HVAC System
- Geodesy and Geomatic Engineering
- Mining Engineering
  - Exploration
- Electrical Engineering
  - Power

Research Focus

- Machining and Metal Industries
- Mining Exploration
- GIS
- Image and Speech Processing
- Optimization in Energy Usage
- Geodynamics
- Earthquake
- Mineral Processing
- Metal Forming
- HVAC System
- Vibration

Research Centers

- Machining and Metal Industries Research Center
- GIS and RS Lab.
- Mining Exploration Research Center

Faculty Members

Assistant Professors

Ahmadi, Abolfazl, Ph.D., University of Sheffield (UK), 2005; Mechanical Engineering, Thermal Fluid Systems, CFD(Computational Fluids Systems), HVAC Systems
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Deilami Azodi, Hamed, Ph.D., Tarbiat Modares University (Iran), 2008; Mechanical Engineering, Sheet Metal Forming, Hydroforming, Formability, Plasticity, Metal Forming Process, Die Design.
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Hosseinnejad, Mohamad Reza, Ph.D., China University of Geosciences (China), 1998; Mining Engineering, GIS & RS, Earthquake, Precious Stones.
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Ghadimi, Fereidoon, Ph.D., Tarbiat Moallem University (Iran), 2000; Mining Engineering, Geology, Hydrogeology, Sedimentlogy.
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Jalali, Hassan, Ph.D., Iran University of Science and Technology (Iran), 2007; Mechanical Engineering, Structural Dynamics, Experimental and Analytical Vibration Analysis, Mechanical Systems Modelling and Identification.
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Mirzaeian,Vahid Reza, Ph.D., UMIST (UK), 2003; Science, Computer Assisted Language Learning, Computational Linguistics, Natural Language Processing
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Narimani, Ramin, Ph.D., University of New South Wales (Australia), 1997; Mechanical Engineering, Metal Cutting and Machining, Parts and Machine Manufacturing.
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Najafi, Mohsen, Ph.D. Moscow State University (Russia), 2004; Electrical Engineering, Communication-Image and Speech Processing, Physical and Mathematical Model in Signal Processing, Biometric.
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Salami, Abolfazl, Ph.D., Iran University of Science and Technology (Iran), 2005; Electrical Engineering, Power System Operation, Energy Management, Power System Modelling and Simulation.
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Instructors

Ahmadi, Reza, M.Sc., Isfahan University of Technology (Iran), 2000; Mining Engineering, Ore Deposit Evaluation, Geophysical Exploration (Geoelectrical Methods), Geostatistics.
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Eivazy, Hooshang, M.Sc., K.N. Toosi University of Technology (Iran), 2003; Geodesy and Geomatics Engineering, DB Developing, Mathematics in GIS, Software Plug in.
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Fatehi, Hossein, M.Sc., Iran University of Science and Technology (Iran), 1990; Geodesy and Geomatics Engineering, Architecture.
hfatehi@iust.ac.ir

Karbasi Ravari, Mahin, M.Sc., University of New South Wales (Australia), 1993; Geodesy and Geomatics Engineering, Numerical Modelling of Geotechnical Problems, Application of GIS and Neural Networks in Geotechnical Problems, Experimental Modeling of the Behaviour of Soil.
ravari@iustarak.ac.ir

Hajati, Abdolmotaleb, M.Sc., Tarbiat Modares University(Iran), 2002; Mining Engineering-Mineral Processing, Ore Grinding, Concentration, Flotation, Modeling Leaching and environment.
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Moradi, Amir Reza, M.Sc., K. N. University of Technology (Iran), 2001; Geodesy and Geomatics Engineering, Wavelet Analysis, Geodynamics & Microgeodesy, Road Surveying.
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Contacts:
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Fax: +98 861 3670020
Website: http://arak.iust.ac.ir

IUST Behshahr Branch

Behshahr Branch of IUST was founded in 1996 in the north-western city of Behshahr along the southern coast of the Caspian Sea and the Gulf of Miyankaleh, an internationally known biological treasure and sanctuary for endangered migratory birds.

Presently, 910 students are studying in B.Sc. programs in three fields of study. Regarding the facilities and potentials, the University authorities are planning to develop and introduce new courses so as to diversify its contribution to the development of local industries and research centers. The main library serves the students as well as faculty members with more than 6600 volumes of books, journals, student project reports, etc.

The educational and research activities of the Behshahr Branch within the four past years include but are not limited to:

- Publication of 12 journal papers in highly accredited engineering journals at national and international levels.
- Presentation of 47 conference papers in scientific and engineering gatherings.

Departments

- Computer Engineering
- Industrial Engineering
- Mathematics

Programs and Degrees

B.Sc.
Computer Engineering (Software)
Industrial Engineering (Industrial Production)
Applied Mathematics

Laboratories and Workshops:

- Electric, Electronic and Logic Circuits Laboratory
- Computer Architecture Laboratory
- Microprocessors Laboratory
- Accurate Measurement Laboratory
- Chemistry Laboratory
- Physics Laboratory
- Welding Workshop
- Machine Tools Workshop

Faculty Members

Associate Professors

Mosavi, Mohammad Reza, Ph.D., Iran University of Science and Technology (Iran), 2004; Computer Engineering, Artificial Intelligent Systems, Digital Signal Processing.
m_mosavi@iust.ac.ir

Assistant Professors

Ghorbani, Maryam, Ph.D., Iran University of Science and Technology (Iran), 2002; Mathematics, Groups Theory.
m_ghorbani@iust.ac.ir

Sarmasti Emami, Mohammad Reza, Ph.D., University of Sistan & Baluchestan (Iran), 2006; Corrosion Phenomenon, Health and Safety Industrial, Heat Pipes Theory and Applications
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Talebi-Rostami, Ali Asghar, Ph.D., Iran University of Science and Technology (Iran), 2006; Mathematics, Groups Theory.
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Instructors

Nikazad, Toraj, M.Sc., Iran University of Science and Technology (Iran), 1996; Mathematics, Wavelet.
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Nikzad, Mohammad Bagher, M.Sc., University of Tehran (Iran), 1994; Physical Education.
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Part II

Education
at IUST

Education at IUST

- Types of Study Programs
- Grading System
- Admission
- Academics Degrees
- Academic Calendar

Types of Study Programs

Iran University of Science and Technology provides different programs such as daytime and evening programs. Daytime programs are conducted during the daytime and most of the students are studying in this type of program free of charge. In evening programs, students are charged tuition for their studies. However, the curriculum for day and evening courses are the same. The E-Learning Center also provides distance learning by offering electronic courses. All degrees have the approval from the Ministry of Science, Research and Technology.

Grading System

Iranian higher education, is based upon a 20-point grading system, the evaluation of which is as following:

- From 17 to 20: Excellent (equivalent to A)
- From 14 to 16.99: Good (equivalent to B)
- From 12 to 13.99: Acceptable (equivalent to C)
- From 10 to 11.99: Pass (equivalent to D)
- Below 10: Fail (equivalent to F)

The minimum average acceptable for graduation in the B.Sc./ B.A. and M.Sc./M.A. levels are respectively 12 and 14. Both M.Sc./M.A. and Ph.D. programs have two components, coursework and research. The minimum average for coursework component in Ph.D. programme is 16.

Admission

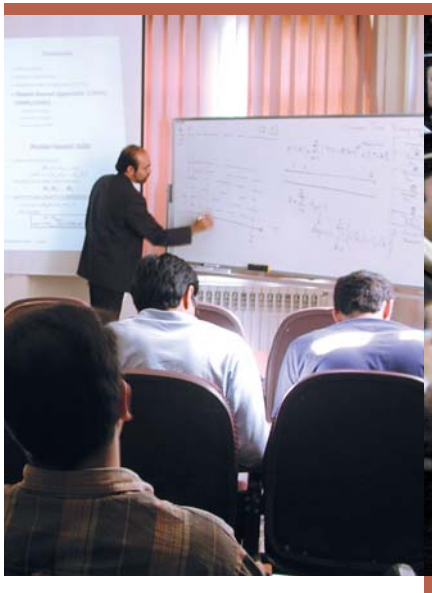
The admission to B.Sc./ B.A. programs takes place through the General Board Exam held annually by the Ministry of Science, Research and Technology. Applicants for M.Sc./M.A. programs also sit a separate nationwide entrance exam. For a Ph.D. degree, however, IUST holds its specific exam and interview to evaluate the candidates.

Foreign students can apply for all master courses offered by IUST Schools and Departments. The applicants must hold (at the time of registration) at least a bachelor degree in Science, Architecture or Engineering in the relevant fields from a recognized university. The successful international applicants must attend a Persian Language Course, prior to the commencement of the main programs. Information about the course, location, period and further details will be given to the applicants upon the admission announcement.
The tuition fee for all master programs is $5300 a year for academic year 2009-10. There are a limited number of residential halls for international students at competing prices. Further information and the application forms can be obtained from Office of International and Scientific Cooperation

Academic Degrees

The degree programs offered at IUST are as follows:

- The Bachelors degree: a four-year degree program requiring 130-142 credits.
- The Masters degree: a two-year degree program, usually requiring 32 credits after a bachelors degree, including a dissertation.
- The Ph.D. degree: a 3-4 year degree after completion of a masters program, requiring 36 credits including a dissertation.



An overview of the programs, degrees and the number of enrolments in the academic year 2008-2009 is shown bellow:

Schools/ Departments	Programs	B.Sc.	M.Sc.	Ph.D.
School of Architecture and Environmental Design	Architecture:	✓		✓
	● Housing Architecture		✓	
	● Sustainable Architecture		✓	
	● Technological Architecture		✓	
	● Cultural Building Architecture		✓	
	Conservation and Restoration of Historic Buildings and Cities		✓	
	Urban Design		✓	
	Urban Planning		✓	
	Industrial Design	✓	✓	
School of Automotive Engineering	Power Train		✓	
	Chassis Systems		✓	
	Body and Structure		✓	
	Automotive Engineering	✓		
School of Chemical Engineering	Process Modeling, Simulation & Control		✓	✓
	Mineral Processing		✓	✓
	Advanced Membrane Processes		✓	✓
	Thermodynamics		✓	✓
	Reaction Engineering		✓	✓
	Biotechnology		✓	✓
	Chemical Engineering	✓		
Department of Chemistry	Analytical Chemistry		✓	
	Inorganic Chemistry		✓	✓
	Organic Chemistry		✓	
	Physical Chemistry		✓	✓
School of Civil Engineering	Structural Engineering		✓	✓
	Earthquake Engineering		✓	✓
	Construction Engineering. Management		✓	✓
	Geotechnical Engineering		✓	✓
	Highway Engineering. and Transportation		✓	✓
	Transportation Planning		✓	✓
	Water Resources Engineering		✓	✓
	Hydraulic Structures		✓	
	Environmental Engineering		✓	
	Marine Structures		✓	
	Civil Engineering	✓		

School/ Department	Programs	B.Sc.	M.Sc.	Ph.D.
School of Computer Engineering	Software Engineering	✓	✓	✓
	Artificial Intelligence		✓	✓
	Computer Architecture		✓	✓
	Information Technology		✓	
	Hardware	✓		
School of Electrical Engineering	Communication Systems	✓	✓	✓
	Power Systems	✓	✓	✓
	Electronics	✓	✓	✓
	Control Systems	✓	✓	✓
	Biomedical Engineering		✓	✓
School of Industrial Engineering	Industrial Engineering		✓	✓
	System and Productivity Management		✓	✓
	Social & Economic Systems Engineering		✓	✓
	Electronic Commerce		✓	
	Executive Management		✓	
	Industrial Production	✓		
	System Analysis and Planning	✓		
	Industrial Technology	✓		
School of Mathematics	Pure Mathematics	✓	✓	✓
	Applied Mathematics	✓	✓	✓
	Statistics		✓	
School of Mechanical Engineering	Mechanical Engineering.	✓		✓
	Applied Design			
	● Solid Mechanics		✓	
	● Dynamics and Control		✓	
	Energy Conversion			
	● Thermal Science		✓	
	● Fluid Dynamics		✓	
	● Energy Systems		✓	
	Manufacturing			
	● Metal Forming		✓	
	● Mechatronics		✓	
	● Manufacturing Systems		✓	
	Aerospace			
	● Aerodynamics		✓	
	● Propulsions		✓	
	● Structural Design		✓	
	Biomechanics		✓	

Schools/ Departments	Programs	B.Sc.	M.Sc.	Ph.D.
School of Metallurgy and Materials Engineering	Materials Eng.		✓	✓
	Materials Design and Selection		✓	
	Bio- Materials Eng.		✓	
	Casting		✓	
	Ceramics Eng.	✓	✓	
	Industrial Metallurgy	✓		
	Extractive Metallurgy	✓		
School of Physics	Atomic and Molecular Physics	✓	✓	
	Solid State Physics	✓	✓	
	Photonics		✓	
	Physics			✓
School of Railway Engineering	Railway Transportation Eng.	✓	✓	
	Railway Rolling Stock Eng.	✓	✓	
	Railway Track & Structures Eng.	✓	✓	
	Electric Railways Eng.		✓	
	Railway Safety Eng.		✓	
	Railway Control and Signaling		✓	
Department of Foreign Languages	Teaching English as a Foreign Language (M.A.)		✓	
Arak Branch	Mechanical Eng. (Manufacturing)	✓		
	Mechanical Eng. (HVAC Systems)	✓		
	Geodesy and Geometrics Eng.	✓		
	Electrical Eng. (Power)	✓		
	Mining Eng. (Exploration)	✓		
Behshahr Branch	Computer Eng. (Software)	✓		
	Industrial Eng. (Industrial Production)	✓		
	Applied Mathematics	✓		

Academic Calendar

An academic year consists of two semesters. Each semester is comprised of 16 weeks. The IUST academic calendar is scheduled as follows:

Academic Calendar	First Semester	Second Semester
Registration	6-10 September	24-28 January
Start of the Semester	13 September	31 January
Dates of Adding and Dropping a Course	20-24 September	7-11 February
End of the Semester	31 December	9 June
Laboratory and Workshop Exam Dates	3-5 January	12-16 June
Final Exam Dates	10-21 January	19-30 June

Part 12

IUST Map

IUST Map

IUST Map

1. Greenhouse
2. Imam Khomeini Cultural Complex
3. Department of Foreign Languages
4. Applied Physics Institute
   School of Mathematics
5. Exhibition Center
6. School of Physics
7. Department of Islamic Studies
8. Basic Sciences Lecture Rooms
9. School of Computer Engineering
10. Public Relations Office
- Office of Scientific and International Cooperation
- Faculty Member Movement Center

11. Main Entrance
12. Masjid Al Shohada (Mosque)
13. Welfare Office
14. Bank Mellat
15. Bank Mellat Entrance
16. Outdoor Amphitheatre
17. Security Office
18. Martyr Monument
19. Shahid Bahrami Amphitheatre
20. 15th Khordad Building (Supreme Leader, Representative Office – Vice Chancellor for Student and Cultural Affairs)
21. Vice Chancellor for Academic Affairs
22. Presidency Building (Presidential Office- Vice Chancellor for Finance & Administration)
23. Central Library
24. Satellite Research Center
25. Health Center
26. Warehouse
27. Student Restaurant (Male)
28. Cafeteria
29. Faculty Members Restaurant
- Student Restaurant (Female)

30. Book Store
- Publications

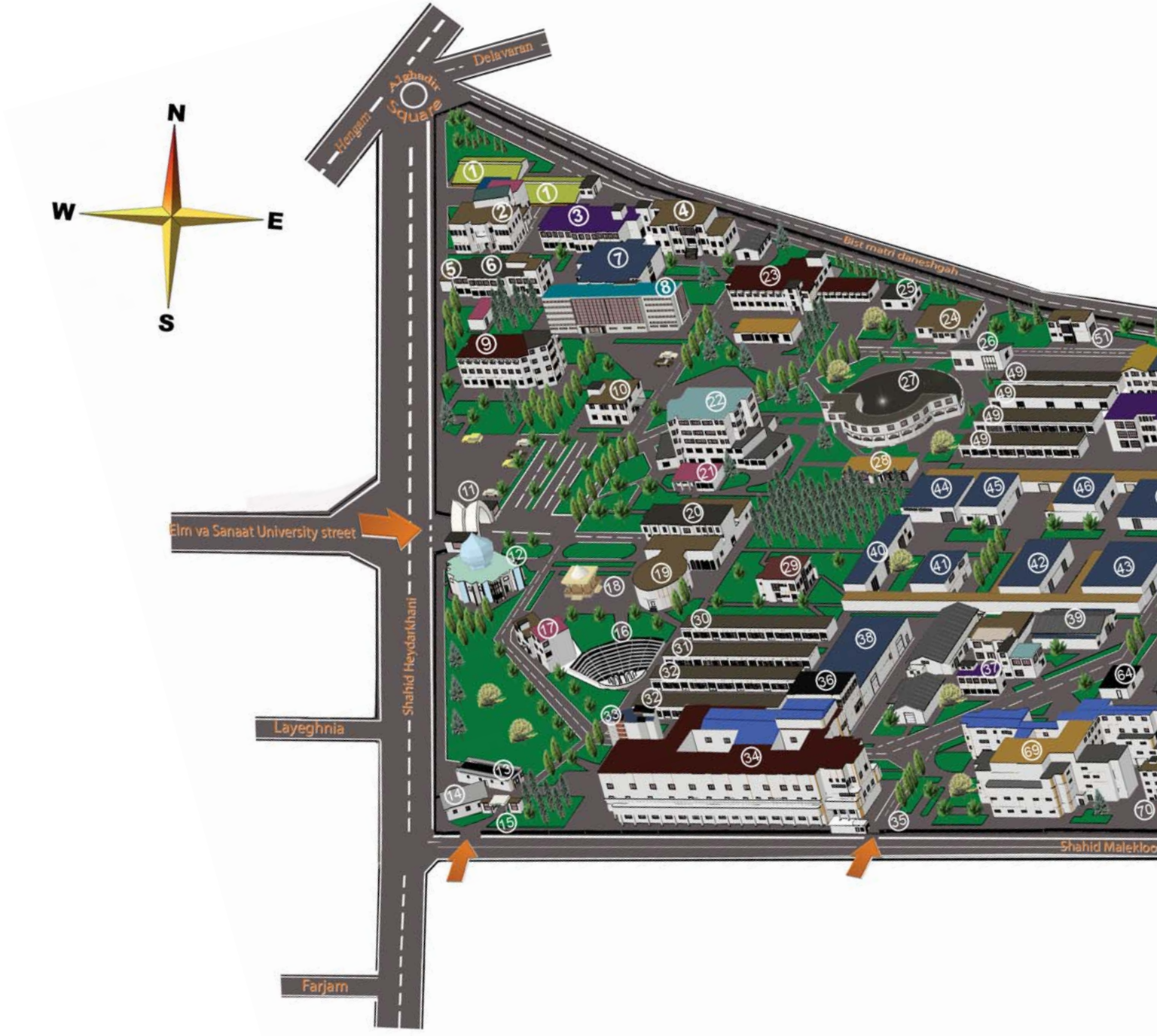
31. Shaahed and Isargar Office
32. Architecture Workshops
33. Civil Engineering IT Center
34. School of Architecture
- School of Civil Engineering
- School of Industrial Engineering
- School of Mechanical Engineering

35. Entrance (South)
36. School of Architecture (Old Building)
37. Development Projects and Services
38. Modeling Workshop
39. Machinary Mechanics Workshop
40. Electric Workshop
41. Construction Workshop
42. Welding Workshop
43. Machinery Workshop
44. Casting Workshop
45. Architecture Decoration Workshop
- Publication
- Machining Workshop

46. HVAC Laboratory
47. Thermal Machines Workshop
48. School of Electrical Engineering (Old Building)
49. Laboratory Complex
50. Antenna Testing Laboratory
51. High Voltage Laboratory
52. Hydraulic and Geotechniques Building
53. Electrical Research Center (Jihad)
54. Environment Laboratory
55. Solar House
56. School of Industrial Engineering
57. School of Electrical Engineering
58. Indoor Swimming Pool (under construction)
59. Central Warehouse
60. Football Court
61. Tennis Court
62. Ladies Sport Saloon
63. Malekloo Sports Saloon
64. Kindergarten
65. Heat Treatment Laboratory
66. Electronic Research Center
67. Vice Chancellor for Research and Technology
- Automotive Research Center

68. School of Railway Engineering
69. School of Electrical Engineering
- Department of Chemistry
- School of Chemical Engineering
- School of Materials and Metallurgy Engineering

70. Cement Research Center
71. Green Research Center
72. School of Automotive Engineering
73. Entrance (Stadium)
74. Bakery
75. Museum
76. Student Affairs
77. Football Stadium
78. Physical Training Department
79. Entrance (Male Dormitory)
80. Khatam Dormitory
81. Dormitory Office
82. Female Dormitory
83. Entrance (Female Dormitory)
84. Male Dormitory
85. Dormitory Restaurant
86. Family Dormitory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Aghadir Square
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Elm va Sanaat University street
Shahid Heydarkhani
Layeghnia
Farjam
Shahid Malekloo


Bist metri daneshgah
Ebadi

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