

Call for Admission of Postdoctoral Researchers

University of Isfahan

Academic Year 2026–2027

The University of Isfahan, in line with its strategic research policies, advancement of the frontiers of knowledge, support for innovative and problem-oriented research, and promotion of outstanding PhD graduates, invites applications from highly qualified doctoral graduates from Iran and abroad who are interested in pursuing postdoctoral research in the fields listed at the end of this announcement.

For the academic year **2026–2027**, applications are invited under the following two categories:

1. Project-based Postdoctoral Researcher Position

Under this scheme, the postdoctoral researcher conducts research within the framework of a research program supervised by a faculty host. Scientific supervision, evaluation of research progress, and approval of periodic performance reports are the responsibility of the host faculty member.

2. Proposal-based Postdoctoral Researcher Position

This scheme is intended for researchers with demonstrated scientific excellence, proven research independence, and an outstanding research record. Independent postdoctoral researchers conduct their research without a host faculty member and implement an approved independent research proposal based on their own scientific expertise. The research activities, progress evaluation, and approval of performance reports are supervised by the Head of the relevant Academic Department.

Specific Eligibility Requirements for Proposal-based Postdoctoral Researcher Position

Applicants for this position must satisfy all general admission requirements in addition to the following criteria:

- Be **45 years of age or younger** at the time of application.
- Demonstrate an outstanding research record and significant scientific achievements in recent years.
- Submit an independent research proposal prepared according to the University of Isfahan's prescribed format.

- Successfully pass the scientific evaluation conducted by the relevant specialized committee based on research achievements and the submitted proposal.

Applicants are required to review the general and specific admission requirements for their intended scheme and submit the required documents through the **University of Isfahan Research Affairs Management System**.

<https://rao.ui.ac.ir>

Available Research Opportunities

The University of Isfahan invites applications for postdoctoral research positions in the following research areas under both **Project-based** and **Proposal-based** Postdoctoral Researcher schemes. Project-based positions are offered under the supervision of a designated faculty member and are associated with a specific research field and project, while Proposal-based positions are intended for independent researchers with an approved research proposal.

Table 1. Host Faculty Members and Available Postdoctoral Research Opportunities (Academic Year 2026–2027)

Faculty	Host Faculty Member	Area of Expertise	Proposed Research Topic
Faculty of Literature and Humanities	Dr. Esmail Sangari	Political, Military and Cultural Relations between Iran and the Ancient World	A Polemological Analysis of the Causes of the Failure of the Achaemenid Imperial Army in Confrontation with the Macedonian Army Based on Classical Sources
Faculty of Literature and Humanities	Dr. Masoud Kasiri	Contemporary History	A Historical Analysis of Government Social Performance during the COVID-19 Pandemic with a Focus on the History of Medicine
Faculty of Theology and Ahl al-Bayt Studies	Dr. Mohsen Shiravand	Theology	The Ḥayeh Motaleh and Consumerism's Ontological Crisis: Technological Desire-Making and a Religious-Anthropological Model of Meaning-Oriented agency
Faculty of Theology and Ahl al-Bayt Studies	Dr. Ahmad Ebadi	Philosophy	(1) The Meaning of Life in Contemporary Philosophy; (2) Designing a Wisdom-Based University Model

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Faculty of Theology and Ahl al-Bayt Studies	Dr. Forough Sadat Rahimpour	Islamic Philosophy (with emphasis on Transcendent Philosophy or Peripatetic Philosophy)	Philosophical Anthropology in Islamic and Comparative Philosophy
Faculty of Mathematics and Statistics	Dr. Ehsan Zamanzadeh	Ranked Set Sampling	Estimation of Population Characteristics Using Ranked Set Sampling Techniques
Faculty of Mathematics and Statistics	Dr. Mohammad Gholami	Coding Theory (Cryptography)	Explicit Construction of High-Girth Spatially Coupled LDPC Codes for Communication Channels and Post-Quantum Cryptography
Faculty of Foreign Languages	Dr. Payam Abbasi	English Literature	Literary Analysis of Selected Works through Contemporary Critical Approaches
Faculty of Foreign Languages	Dr. Mohammad Amoozadeh	Sociolinguistics	Representation and Construction of Social and Cultural Identity in Persian Discourse
Faculty of Foreign Languages	Dr. Zahra Amirian	English Language Teaching	Development of Demand-Driven Multimedia E-Learning Content
Faculty of Chemistry	Dr. Ghasem Dini Torkamani	Nanotechnology	Fabrication of Nanostructured Microneedle Patches for Controlled Drug Delivery
Faculty of Chemistry	Dr. Reza Keshavarzi	Renewable Energy (Solar Cells and Water Splitting)	Perovskite Solar Cells and Water Splitting for Green Hydrogen Production
Faculty of Chemistry	Dr. Hassan Sabzian	Computational Chemistry (Quantum Chemistry and Molecular Dynamics Simulation)	Quantum Chemical Calculations and Molecular Dynamics Simulations for Advanced Materials and Molecular Systems
Faculty of Chemistry	Dr. Fariborz Momeni	Analytical Chemistry	Development of Highly Porous PolyHIPE Polymer Foams for Selective Drug Extraction
Faculty of Administrative Sciences and Economics	Dr. Saeedeh Ketabi	Operations Research (Industrial Engineering, Applied Mathematics, Industrial Management)	Healthcare Resource Allocation and Scheduling Models

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Faculty of Administrative Sciences and Economics	Dr. Majid Mohammad Shafiei	Tourism Competitiveness and Brand Management	One of the following topics: (1) Competitiveness and Competitive Advantage Models in Tourism, Steel, and Other Industries Based on Digital Economy Indicators; (2) Multidimensional Tourism Experience Model Based on Experience Economy Indicators; (3) Brand Management, Brand Valuation, and Intellectual Capital in the Digital Economy
Faculty of Education and Psychology	Dr. Mohammad Ashouri	Psychological and Rehabilitation Interventions	Design and Evaluation of Psychological and Rehabilitation Interventions for Individuals with Sensory Impairments and Their Families
Faculty of Education and Psychology	Dr. Salar Faramarzi	Psychology and Education of Children with Special Needs	Development and Evaluation of a Transdiagnostic Treatment Model for Specific Learning Disorders in Primary School Students
Faculty of Geography and Planning	Dr. Rahman Zandi	Remote Sensing, Geomorphology, Environmental Sciences, Physical Geography	Assessment and Prediction of Natural Hazards in Isfahan Province Using Artificial Intelligence Algorithms
Faculty of Geography and Planning	Dr. Abbas Amini	Rural Tourism Development	Reinterpreting the History and Culture of Historic Villages in Isfahan Province for Sustainable Rural Tourism Development
Faculty of Biological Sciences and Technology	Dr. Hojatollah Saeidi	Plant Systematics	Investigation of Allelic Diversity and Expression Patterns of 3AP-MADS Box Gene Family in Diploid and Tetraploid Elymus Species
Faculty of Civil Engineering and Transportation	Dr. Hossein Tajmir Riahi	Structural Engineering	(1) Utilization of Industrial Mineral Waste in Concrete and Brick Production; (2) Artificial Intelligence Applications in Optimum Structural Design; (3) Urban-Scale Seismic Risk Analysis

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Faculty of Civil Engineering and Transportation	Dr. Mehran Zeinalian	Structural Engineering	Design and Development of Cold-Formed Steel Structural Systems
Faculty of Civil Engineering and Transportation	Dr. Mehran Sattari	Photogrammetry and Remote Sensing	Developing Deep Neural Network Architectures for Real-Time Surface Reconstruction and Volumetric Analysis of Large-Scale LiDAR Data Streams
Faculty of Engineering	Dr. Mehdi Ebrahimian	Biomaterials Engineering / Tissue Engineering / Materials Engineering	Development and Evaluation of Injectable Self-Healing Hydrogels for Neural Tissue Engineering
Faculty of Engineering	Dr. Hamidreza Moratab	Biomedical Engineering (Bioelectric), Artificial Intelligence, Computer Science	Design, Development, and Clinical Validation of an AI-Based Algorithm for Reliable Non-Invasive Screening of Vital Signs Using Facial Images
Faculty of Engineering	Dr. Alireza Goli	Systems Optimization and Artificial Intelligence	Optimization of Production and Distribution Systems Using Artificial Intelligence Techniques
Faculty of Engineering	Dr. Masoud Ziaei Rad	Mechanical Engineering (Energy Conversion), Computational Fluid Dynamics (CFD)	Large-Eddy Simulation of Air Pollution Dispersion Using the DCEP Method in the PALM Simulation Framework
Faculty of Engineering	Dr. Hamidreza Koufigar	Control Engineering, Power Engineering, Automation and Networks	Observer-Based Control of Interconnected Systems and Their Engineering Applications
Faculty of Engineering	Dr. Arash Keyoomarsi	Electrical Machines	Design, Analysis, Optimization, and Prototyping of a Permanent Magnet Synchronous Motor for Electric Bicycles
Faculty of Engineering	Dr. Maryam Homayoun Fal	Chemical Engineering	AI-Guided Design of Catalytic Nanocomposite Membranes for the Selective Separation and Degradation of Emerging Contaminants in Water Treatment
Faculty of Physics	Dr. Mehdi Nasri Nasrabadi	Nuclear Physics, Fusion Technology, Medical Physics	Research on Nuclear Fusion Systems, Radiation Effects on

Faculty	Host Faculty Member	Area of Expertise	Proposed Research Topic
			Materials, Monte Carlo Simulation in Medical Physics, and Advanced Nuclear Technologies
Faculty of Physics	Dr. Hamidreza Mohammadi	Optics, Biophysics (Preferably with a Background in Life Sciences)	Fiber-Optic Biosensors
Faculty of Computer Engineering	Dr. Hamid Malla	PhD in Computer Engineering, Information Technology, Electrical Engineering (Telecommunications), or Computer Science (with expertise in Information Security, Secure Computing, or Cryptography)	Post-Quantum Cryptography and Security Protocols
Faculty of Computer Engineering	Dr. Hossein Karshenas	Artificial Intelligence, Deep Learning, Bioinformatics	Improving Learning Efficiency for Biological Data Analysis
Faculty of Computer Engineering	Dr. Marjan Kaedi	Computer Engineering, Information Technology, Computer Science, or Data Science, with expertise in Machine Learning, Data Mining, Data Analytics, or Social Network Analysis	Data Analytics for Recommender Systems and Social Networks
Faculty of Computer Engineering	Dr. Ahmadreza Montazer Ghaem	Computer Engineering (Software Engineering, Computer Architecture, Artificial Intelligence, Computer Networks), Information Technology (Computer Networks), Electrical Engineering (Telecommunications), or Computer Science	Semantic-Aware Software-Defined 6G Networks
Department of Geology	Dr. Ghodrat Torabi	Petrology and Economic Geology	Ophiolites and Igneous Rocks of Central Iran
Department of Geology	Dr. Alireza Nadimi	Tectonics, Structural Geology	Assessment of the Distribution of North–South-Oriented Fracture Systems in the Central Iranian

Faculty	Host Faculty Member	Area of Expertise	Proposed Research Topic
			Plateau and Their Role in Controlling Natural Resource

Table 2. Priority Research Fields and Admission Capacity for Proposal-based Postdoctoral Researchers

Faculty	Priority Research Field	Admission Capacity
Faculty of Literature and Humanities	Social Sciences	2
Faculty of Literature and Humanities	History	2
Faculty of Literature and Humanities	Persian Language and Literature	2
Faculty of Literature and Humanities	Philosophy	2
Faculty of Mathematics and Statistics	Statistics	2
Faculty of Mathematics and Statistics	Pure Mathematics	2
Faculty of Mathematics and Statistics	Applied Mathematics	2
Faculty of Physics	Physics	2
Faculty of Physics	Nuclear Engineering	2
Faculty of Biological Sciences and Technologies	Plant Physiology	2
Khansar Campus	Agriculture (Medicinal Plants and Apiculture)	1
Faculty of Administrative Sciences and Economics	Economics	1
Faculty of Civil Engineering and Transportation	Civil Engineering	1