Name	Faculty	position	Research program title	Research interests	Webpage address
Azam Saeid	Mathematics and Statistics	Professor	Lie algebras and related topics	۱- Study of Lie algebras which are mostly infinite diemnsional Lie algebars, specially extended affine Lie algebras, ۲- Study of related topics such as root systems, Weyl groups and their presenations, ۳- Modular theory of extended affine Lie algebars	https://sciold.ui.ac.ir/~azam/
Abdollahi Alireza	Mathematics and Statistics	Professor	Group Theory	۱- Study on Theory of Groups ۲- Study on combinatorial structures ۳- Permutation codes	https://sciold.ui.ac.ir/~a.abdollahi/
Alambardar Mohsen	Mathematics and Statistics	Assistant professor	Algorithm and Computation, Cryptography, Machine learning	۱- Parameterized Algorithms ۲- Cryptocurrency ۳- Machine Vision	https://sciold.ui.ac.ir/~m.alambardar/
Amini Harandi Alireza	Mathematics and Statistics	Professor	Metric fixed point theory and geometry of Banach spaces	۱-Metric fixed point theory ۲-Geometry of Banach spaces	https://sciold.ui.ac.ir/~a.amini/
Asadollahi Javad	Mathematics and Statistics	Professor	Representation Theory of Algebras	۱- Homological methods in representation theory of algebras ۲- Higher homological algebra and related topics ۳- Tau-tilting theory	https://sciold.ui.ac.ir/~asadollahi/
Ashrafi Somayeh	Mathematics and Statistics	Assistant professor	Reliability Theory, Information Theory	۱- Reliability modeling of coherent systems ۲- Preventive maintenace models for coherent systems ۳- Information measures and reliability	https://sciold.ui.ac.ir/~s.ashrafi/
Azimi- Mosluo Vahid	Mathematics and Statistics	Assistant professor	Mathematical Physics	۱-Quantum computation and quantum information ۲-Data science and scientific computation ۳-Differential Equations and dynamical systems	https://sciold.ui.ac.ir/~v.azimi/
Bagherian Javad	Mathematics and Statistics	Associate Professor	Algebraic Combinatorics	۱-Association schemes ۲-Permutation codes ۳-Algebriac graph theory	https://sciold.ui.ac.ir/~bagherian/
Bidram Hamid	Mathematics and Statistics	Associate Professor	Distribution Theory and Regression Models	۱- Using bivariate and multivariate distributions in regression models with cure rate ۲- On structure of discrete bivariate distributons using new techniques ۳-conditioning in various regression models	https://sciold.ui.ac.ir/~h.bidram/
Esmaeeli Neda	Mathematics and Statistics	Assistant professor	financial mathematics- probability and stochastic processes- stochastic differential equations	۱-pricing contingent claims and asymmetric information ۲-risk and its valuation ۳- percolation theory	https://sciold.ui.ac.ir/~n.esmaeeli/

Name	Department	Rank	Research Title	Research Interests	Website
Fakhar Majid	Mathematics and Statistics	Professor	Linear and Nonlinear Functional Analysis	۱–Optimization theory ۲– Fixed point theory ۳– Geometry of Banach Spaces	https://sciold.ui.ac.ir/~fakhar/
Iranpanah Nasrollah	Mathematics and Statistics	Assistant professor	Bootstrap method, spatial statistics, statistical quality control and sampling methods	۱–Bootstrap methods in spatial statistics, geostatistics, lattice data, and point patter ۲–Application of bootstrap method in statistical process control chart: variable and attribute ۳–Bootstrap algorithm in sampling methods such as ranked set and judgement post stratification	https://sciold.ui.ac.ir/~iranpanah/
Kazemi Iraj	Mathematics and Statistics	Associate Professor	Multivariate generalized linear mixed–effects models for correlated data analysis	۱– Multivariate Modeling of Correlated Data With Mixed Effects ۲– Stochastic Volatility Models And Their Applications inScience ۳– Gaussian Markov Random Fields With Investigation on VariousCorrelation Structures	https://sciold.ui.ac.ir/~ikazemi/
Khatami Bidgoli Maryam	Mathematics and Statistics	Assistant professor	Group theory	۱–Character theory, ۲– Permutation codes ۳– Algebraic graph theory	https://sciold.ui.ac.ir/~m.khatami/
Khosravian–Arab Hassan	Mathematics and Statistics	Assistant professor	Fractional Calculus and Numerical Solution of Fractional Differential Equations	۱–Fractional Calculus ۲–Numerical Solution of Fractional Differential Equations ۳–Spectral and Pseudo–spectral Methods, Special Functions	https://sciold.ui.ac.ir/~h.khosravian
Mansourvar Zahra	Mathematics and Statistics	Assistant professor	A competing risks approach in survival analysis for reliability engineering	۱– Competing risks models for analysis of survival data ۲– Generalized competing risks models for the maintenance process of systems ۳– Information measures for analysis of survival data	https://sciold.ui.ac.ir/~z.mansourvar/
Mirzaei Davoud	Mathematics and Statistics	Associate Professor	Numerical Approximations on Scattered Data	۱– Scattered Data Approximation ۲– Numerical Solution of Differential Equations ۳ – Computational Science and Data Science	https://sciold.ui.ac.ir/~d.mirzaei/
Mohammadi Mohammad	Mathematics and Statistics	Assistant professor	optimum usage of auxiliary information in classic sampling designs	۱–sampling ۲– auxiliry information ۳–resampling methods	https://sciold.ui.ac.ir/~m.mohammadi/

Movahedian Attar Nooshin	Mathematics and Statistics	Associate Professor	Constrain Qualifications and Optimality Conditions for Nonsmooth Nonconvex Optimization Problems and Applications	۱-Constraint Qualifications and Optimality Conditions for Optimization Problems with Second-order Cone Complementarity Constraints ۲-Constraint Qualifications and Optimality Conditions for General Optimization Problems and their Applications ۳-Constraint Qualifications and Optimality Conditions for Non smooth Generalized Nash Problems	https://sciold.ui.ac.ir/~n.movahedian/
Nasr Isfahani Alireza	Mathematics and Statistics	Associate Professor	Representation theory of algebras	۱- n-cluster tilting subcategories ۲- Cluster algebra ۳- Functorial methods in representation theory of algebra	https://sciold.ui.ac.ir/~nasr_a/
Nobakhtian Soghra	Mathematics and Statistics	Professor	Nonsmooth computational methods for constrained optimization problems	۱-Numerical methods for solving nonconvex constraint optimization problem ۲-Nonsmooth optimization problems on Riemannian manifolds ۳-Application of nonsmooth optimization problems in computer science.	https://sciold.ui.ac.ir/~nobakht/
Parvardeh Afshin	Mathematics and Statistics	Associate Professor	Functional and high-dimensional data anlysis, Applied Stochastic processes, Nonparamteric Statistics	۱- Functional and high-dimensional data anlysis, ۲- Applied Stochastic processes, ۳-Nonparamteric Statistics	https://sciold.ui.ac.ir/~a.parvardeh/
Pouryayevali Mohamad Reza	Mathematics and Statistics	Professor	Geodesics in prox-regular sets and optimization on Riemannian manifolds	۱-Geodesics in prox-regular subsets of Riemannian manifolds ۲-Functions with prox-regular epigraph on Riemannian manifolds ۳-Numerical methods in nonsmooth optimization on Riemannian manifold	https://sciold.ui.ac.ir/~pourya/
Sajadi Farkhondeh Alsadat	Mathematics and Statistics	Assistant professor	Probability theory and its application	۱- Study of stochastic volatility models and its application in science ۲- Stochastic processes and its application. Specifically, the study of rumor processes, birth and death processes, the hidden Markov process, Dirichlet processes ۳. Gaussian Markov Random Field and investigation of various correlation structures	https://sciold.ui.ac.ir/~f.sajadi/
Salimi Moghaddam Hamid Reza	Mathematics and Statistics	Associate Professor	Differential Geometry	۱-Riemannian Geometry ۲-Finsler Geometry ۳- Homogeneous Space	https://sciold.ui.ac.ir/~hr.salimi/

Sobhani Reza	Mathematics and Statistics	Associate Professor	Algebraic Coding Theory	۱- Linear codes and their structure ۲- Applications of algebraic structures, combinatorics and graphs in coding theory ۳- Permutation codes and applications in data storage	https://sciold.ui.ac.ir/~r.sobhani/
Talebi Hooshang	Mathematics and Statistics	Professor	Design of Experiments and Modeling	۱-Search design in factorial designs ۲-Optimal Criteria and designs in linear and generalized models ۳-Sampling design and analysis of data in behavioral sciences	https://sciold.ui.ac.ir/~h-talebi/
Tavangar Mahdi	Mathematics and Statistics	Associate Professor	Optimal Maintenance and Warranty Models for multi-component Systems	۱- Aging classes of lifetime distributions in reliability theory ۲-Maintenance models for coherent and weighted systems ۳-Maintenance models for multi-component sytems sold with warranty	https://sciold.ui.ac.ir/~m.tavangar/
Varshovi Amir Abbass	Mathematics and Statistics	Assistant professor	Mathematical Physics	۱- Geometry, Topology and Physics: We try to study the geometric, and topological aspects of the most significant theories in physics ۲- Fractals and Quantum Physics: Formulating quantum field theories and the Standard Model ۳- Stochastic Quantum Gravity: Employing the Wiener's stochastic process for formulating quantum gravity via the path-integral method.	https://sciold.ui.ac.ir/~ab.varshovi/
Yousofzadeh Malihe	Mathematics and Statistics	Professor	Lie (super) algebras, root systems and representation theory	۱-The study of Lie superalgebras having root space decompostion ۲-The study of corresponding root systems ۳- The study of their representations	https://sciold.ui.ac.ir/~ma.yousofzadeh/
Zamanzade Ehsan	Mathematics and Statistics	Associate Professor	Ranked Set Sampling, Statistical Inference, Auxiliary information	۱-Improving statistical inference using auxiliary rank information ۲- Developing efficient sampling techhniques ۳- Using resampling methods in improving statistical inference	https://sciold.ui.ac.ir/~e.zamanzade/