دکتر رضا اسلامی

دانشیار

دانشکده: مهندسی برق

سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۸۹	مهندسی برق قدرت	صنعتی امیرکبیر
کارشناسی ارشد	۱۳۹۱	مهندسی برق قدرت	صنعتی امیرکبیر
دکترای تخصصی	۱۳۹۶	مهندسی برق قدرت	صنعتی امیرکبیر

اطلاعات استخدامی

محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
دانشگاه صنعتی سهند	عضو هیئت علمی	رسمی قطعی	تمام وقت	۱۰

مقالات در همایش ها

۱. A. Hosseini, R. Eslami،Presenting a scheme for ownership of energy storage between multiple subscribers in a smart grid،۹th International Conference on Technology and Energy Management،۲۰۲۴.

۲. A. Babazadeh, R. Eslami،Optimal planning of PHEV taxi charging by considering variable prices with the time،۲th conference on electricity, mechanics, aerospace, computer and engineering sciences،۲۰۲۳.

۳. A. Hosseini, R. Eslami،Transmission network fault location using the pilot impedance،۲۸th International Electrical Power Distribution Conference،۲۰۲۳.

۴. M. Ghahramani, R. Eslami،Optimal planning of electric vehicles parking in the smart energy microgrid،The ۹th Iranian Conference on Renewable Energy & Distributed Generation،۲۰۲۲.

۵. R. Eslami،Effective communication-based overcurrent protection for distribution networks equipped with distributed generation resources،The ۱۶th International conference on Protection and Automation of Power System (IPAPS ۲۰۲۲)،۲۰۲۲.

۶. H. Roueen, R. Eslami،Locating and determining the optimal capacity of CHPs in the distribution network and examining its positive economic effects،۵th National Conferences Application of Novel Technologies in Engineering Sciences،۲۰۲۱.

۷. S. Derakhshani Pour, R. Eslami, M. Marzband, S. Shoja،Nonlinear Robust Voltage Regulation and Balanced Demand Response of an Islanded DC Microgrid،۱۱th Smart Grid Conference (SGC)،۲۰۲۱.

۸. R. Eslami،Using energy storage systems with the aim of minimizing the operation cost of smart networks،۵th National Conferences Application of Novel Technologies in Engineering Sciences،۲۰۲۱.

۹. R. Eslami،Designing a smart LED street lighting system for a smart city with a web-based management system،۵th National Conferences Application of Novel Technologies in Engineering Sciences،۲۰۲۱.

۱۰. R. Eslami, S.A. Hosseini،Determining the appropriate time to repair and maintenance of various types of static and digital relays in the network،The ۱۴th International conference on Protection and Automation of Power System (IPAPS ۲۰۲۰)،۲۰۲۰.

۱۱. R. Eslami،Economic Determination of Electric Vehicle Charging Transformers،International Conference on Renewable Energies and Distributed Generation of Iran،۲۰۱۹.

۱۲. R. Eslami, S.A. Hosseini, A. A. Amir Jalili،Evaluation and verification of a new method for fault detection in microgrids considering the uncertainties of their topology،The ۱۳th International conference on Protection and Automation of Power System (IPAPS ۲۰۱۹)،۲۰۱۹.

۱۳. R. Eslami،Time Series Clustering to Share Different Consumption Patterns From Feeder Load،International Conference on Renewable Energies and Distributed Generation of Iran،۲۰۱۹.

۱۴. S.A. Hosseini, R. Eslami, H. Askarian،Presenting a new method in order to coordinate the protection of microgrids by considering the structural and functional uncertainties،The ۱۳th International conference on Protection and Automation of Power System (IPAPS ۲۰۱۹)،۲۰۱۹.

۱۵. S.A. Hosseini, R. Eslami, M. Karami،Determining the optimal performance mode of distributed generations to improve the ECOST index by considering the hourly load curve،۲th conference of smart electrical networks،۲۰۱۸.

۱۶. R. Eslami, S.A. Hosseini, M. H. Soveyzi،The performance of distance relays against the effects of placing parallel FACTS devices in the network،۲th National Conference in Engineering and Technology of Flying robots،۲۰۱۸.

۱۷. R. Eslami, H. Askarian, E. Azad, K. Mazlumi،Using an improved method in reconfiguration of smart grids considering the stochastic model for loads،۲th conference of smart electrical networks،۲۰۱۲.

مقالات در نشریات

۱. A. Hosseini, R. Eslami،Presenting a New Pilot Protection Plan for Transmission Lines in Green Energy Networks with Renewable Energy Sources Such as Wind Turbines،Technovations of Electrical Engineering in Green Energy System،۲۰۲۴.

۲. M. Bagheri, R. Eslami،Reactive power pricing to improve technical performance and operation of the distribution network،Iranian Electric Industry Journal of Quality and Productivity،مجلد ۳۳،شماره صفحات ۴۶-۵۵،۲۰۲۴.

۳. R. Eslami, S.A. Hosseini،A new method for optimizing the configuration of distribution network lines by an improved optimization algorithm in the presence of DGs،Journal of Iranian Association of Electrical and Electronics Engineers،مجلد ۱۹،شماره صفحات ۲۲۷-۲۳۶،۲۰۲۲.

۴. R. Eslami،A new multi-objective load shedding method to reduce power outages and frequency stability in the islanded microgrid،Iranian Electric Industry Journal of Quality and Productivity،مجلد ۲۶،شماره صفحات ۷۰-۸۱،۲۰۲۲.

۵. R. Eslami, H. Arlanizadeh،Optimal Placement and Sizing for Fault Current Limiters in the Transmission Network Using the Hybrid Optimization Algorithm of Particle Swarm and Gravity Search،Journal of Advanced Defence Science and Technology،مجلد ۲،شماره صفحات ۱۱۳-۱۲۴،۲۰۲۰.

۶. R. Eslami, H. Nafisi, S.A. Hosseini،Presenting a new method for charging and discharging

PHEVs for improving in electrical parameters of the network،Iranian Electric Industry Journal of Quality and Productivity،مجلد ۱۵،شماره صفحات ۴۱-۵۲،۲۰۱۹.
۷. R. Eslami, S. H. H. Sadeghi, H. Askarian،Fault detection using positive, negative and zero sequences of the current and voltage of different points of microgrids, considering uncertainties of the topology of the microgrid،Iranian Electric Industry Journal of Quality and Productivity،مجلد ۱۲،شماره صفحات ۱۰۷-۱۲۱،۲۰۱۷.
۸. S.A. S. A. Hosseini. و سایر،Installing distributed generation units and capacitors simultaneously in a distribution system considering economic issues،Journal of Renewable and Sustainable Energy،۲۰۱۴.
9. S. Derakhshani Pour, R. Eslami,Efficient Demand Response and Robust Voltage Control of an Islanded DC Microgrid Under Variations in Load and Supply,Journal of Applied Research in Electrical Engineering,2024.
10. R. Eslami,Aggregator Design for Optimal Management of Charging and Discharging of Electric Vehicles in the Smart Grid Context,AUT Journal of Electrical Engineering,2024.
11. R. Eslami,Load shedding of the islanded power network in order to stabilize the frequency and reduce power outages in the presence of renewable energy resources,Journal of Green Energy Research and Innovation,2024.
12. A. Heydari, R. Eslami,A Cyber Secured optimal scheduling framework for AC microgrids based on dragonfly optimization and deep learning,Tabriz Journal of Electrical Engineering (TJEE),2024.
13. S. A. Mehraban, R. Eslami,Multi-microgrids Energy Management in Power Transmission Mode Considering Different Uncertainties,Electric Power Systems Research,Vol. 216,2023.
14. R. Eslami, M. Bagheri,Maximizing economic host capacity related to distributed generation and improving power system performance,AUT Journal of Electrical Engineering,Vol. 55,pp. 91-98,2023.
15. R. Eslami, S.A. Hosseini,A Comprehensive Method for Fault Detection in AC/DC Hybrid Microgrid,Electric Power Components and Systems,Vol. 50,pp. 38-51,2022.
16. R. Eslami, S.A. Hosseini,Presenting new triple methods for fault detection, location, and its identification in DC microgrid,Iranian Journal of Science and Technology-Transactions of Electrical Engineering,Vol. 44,pp. 849-860,2020.
17. R. Eslami,Accurate Determination of Optimal Amount of Charger Capacitors for PHEVs,AUT Journal of Electrical Engineering,Vol. 52,pp. 223-230,2020.
18. S.A. Hosseini, H. Askarian, S. H. H. Sadeghi, R. Eslami,Improving Adaptive Protection to Reduce Sensitivity to Uncertainties Which Affect Protection Coordination of Microgrids,Iranian Journal of Science and Technology-Transactions of Electrical Engineering,Vol. 42,pp. 63-74,2018.
19. S.A. Hosseini, H. Askarian, S. H. H. Sadeghi, R. Eslami, F. Razavi,A Decision-Tree Scheme for Responding to Uncertainties in Microgrid Protection Coordination,Electric Power Components and Systems,Vol. 46,pp. 69-82,2018.
20. R. Eslami, S. H. H. Sadeghi, H. Askarian, A. Nasiri,A Novel Method for Fault Detection in Future Renewable Electric Energy Delivery and Management Microgrids, Considering Uncertainties in Network Topology,Electric Power Components and Systems,Vol. 45,pp. 1118-1129,2017.
21. R. Eslami , S. H. H. Sadeghi , H. Askarian,A Probabilistic Approach for the Evaluation of Fault Detection Schemes in Microgrids, Engineering,Engineering, Technology & Applied Science Research,2017.
22. R. Eslami ,& S.A. Hosseini,A Multi-Objective Approach for Improving Technical Factors of Distribution Networks Considering Uncertainties in Loads and Wind Turbines,Indian Journal of Science and Technology,2016.
23. R. Eslami , H. Askarian , E. Azad , K. Mazlumi,An Improved Distribution Network Reconfiguration Method for Loss Reduction Considering Stochastic Nature of Wind Turbines and

.Loads,Archives Des Sciences,2012
.24 R. Eslami , H. Askarian , A. Mahmudi , S. H. Hosseinian,A New Method for Measurement of
.Harmonic Groups Using Wavelet-Packet-Transform,Journal of American Science,2012