

ENGLISH
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مسعود علی اکبر گلکار



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گروه آموزشی:

ایمیل: [golkar\(at-sign\)eetd.kntu.ac.ir](mailto:golkar(at-sign)eetd.kntu.ac.ir)

صفحه وب: <http://wp.kntu.ac.ir/golkar>

زمینه های تحقیق:

Education:

- Ph.D: ۱۹۸۲-۱۹۸۶ Imperial College of Science ,Technology , and Medicine ,University of London , UK. Ph.D in Electrical Engineering (Power Systems) . The Thesis Title is : “Loss Calculation and Reduction in Radial Distribution Systems” DIC (Diploma of Imperial Co
- M.Sc: ۱۹۷۷-۱۹۷۹ Oklahoma State University ,USA. MSc in Electrical Engineering(Power Systems) . The Thesis Title is : “Grounding in Power Systems”
- B.Sc: ۱۹۷۳-۱۹۷۷ Sharif University of Technology ,Teheran – IRAN. BSc in Electrical Engineering .

Research Activities:

- Reactive Power Control
- Distribution Systems
- Renewable Energy
- Smart Grids
- Distributed Generation(DG)

Academic Activities:

- Teaching Reactive Power Control in MSc level
- Teaching Electric Distribution Networks in MSc level
- Teaching Power System Analysis ۱,۲ in BSc level

Interested Research Fields:

- Smart Grids
 - Distributed Generation (Deregulation)
 - Reactive Power Studies in Power Systems
 - Distribution System Loss Reduction
 - Reactive Power Control in Transmission & Distribution Systems
 - Distribution System Planning
 - Probabilistic Studies in Power Systems
 - Electricity Market
 - Power Quality Studies
 - Voltage Collapse Studies in Power Systems
 - Load and Energy Management
 - Load flow studies of Special Systems
 - Distribution System Optimisation & Automation
 - Shunt Capacitors Placement on Radial Distribution Feeders
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Interested Teaching Fields:

- Electric Distribution
 - Reactive Power
 - Power System Analysis
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Courses:

- Power System Analysis
 - Reactive Power Control
 - Design and Operation of the Electric Distribution Systems
 - Renewable Energy
 - Power System Control
 - Power System Stability
 - Energy Conversion and Utilization
 - Energy and Load Management
 - Power Quality
 - Control Theory
 - Power System Protection
 - Electric Circuits
 - Electrical Machines and Drives
 - Engineering Mathematics
 - Process Control
 - Electrical Engineering
 - Electric transmission and Distribution
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Award:

The Best University Researchers in ۱۹۷۸ in Iran