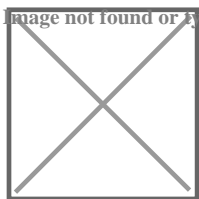


Hossein Gharibvand



PhD Candidate
Amirkabir University of Technology(AUT)
(Tehran Polytechnic)

Biography: Hossein Gharibvand was born in Izeh in 1997. He is currently a PhD candidate in power systems, Amirkabir university of technology (Tehran Polytechnic). He received his B.Sc. degree from Shahid Beheshti university in 2019 and M.Sc. degree from Amirkabir university of technology in 2021, respectively. His main fields of research are Smart Grid, Distributed Generation, Renewable Energy Resources, Green hydrogen and Energy flexibility.

ResearcherId: GLU-7526-2022

ScopusAuthorId: 58198088300

Orcid: 0000-0002-9700-8054

Phone: 09168296121

Mobile: 09168296121

E-mail: hossein.gharibvand@gmail.com

Website:

Address: FACTS Lab., E.E. Department, Amirkabir University of Tech, Tehran, Iran

Educational Records

PhD

Amirkabir University of Technology (AUT), Tehran Polytechnic

Thesis Title: Modelling and Improvement of Energy Flexibility in nZEDs Based on Green Hydrogen

Gharibvand, Hossein (PI), B. Gharehpetian, Gevork (Supervisor), Anvari-Moghaddam, Amjad (Supervisor)

Description

Considering

Active

20/09/2021 ? 23/09/2021

of fossil fuels

MSc and their

environmental effects,

Amirkabir University of Technology (AUT), Tehran Polytechnic

especially in the

Thesis Title: Modelling and optimization reverse osmosis desalination powered by floating photovoltaic power plant for coastal areas and islands

Ghanjvand, Hossein (PI), Riahy Dehkordi, Gholam Hossein (Supervisor)

global warming; to provide

Finished

20/09/2021 ? 23/09/2019

energy, sustainable,

non-polluting or

BSc very

low

Shahid Beheshti University (SBU)

sources

Thesis Title: Designing a renewable energy-based electrical system using HOMER software needed.

Ghanjvand, Hossein (PI), Sedighzadeh, Mostafa (Supervisor)

this context,

Finished renewable

20/09/2019 ? 23/09/2015

are proposed as

Teaching a main candidate.

However,

Publication the use of

Journal Papers renewable generations is

is faced with

issues

Conference Papers such as

the unpredictable nature

(prediction error)

and the

lack

of

full

control

Books

NO	TITLE	YEAR
----	-------	------

Patents

NO	TITLE	YEAR
----	-------	------

Industrial Projects

NO	TITLE	YEAR
----	-------	------

Management/Administration Jobs

Scientific Societies

Awards