1. Name Prof.Dr.Baqer Turki Atiyah
2. Education

|  |  |
| --- | --- |
| degree | Ph.D |
| discipline | Electrical power system |
| institution | University of Technology |
| year | 2008 |

1. **Academic experience**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| number | institution | Rank | Title (chair, coordinator, etc. if appropriate) | when (ex. 2015-2017) | full time or part time |
| 1 | Technical College Thi-Qar | professor | Dean of Thi-Qar Technical Collage | 2017- now | FT |
| 2 | Technical College Thi-Qar | Associate professor | Dean of Shatra Technical Institute | 2013-2019 | FT |
| 3 | Technical College Thi-Qar | lecturer | Head of Electrical Department | 2009-2013 | FT |
|  | Technical Institute Nasiriyah | Assistant lecturer |  | 1993-2005 |  |

1. **Non-academic experience**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| number | company or entity, | title | brief description of position | ,when (ex. 2005-2007) | full time or part time |
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1. **Certifications or professional registrations.**

Teaching methods certificate

Computer proficiency certificate

1. **Current membership in professional organizations.**
2. **Honors and awards.**

Received numerous letters of thanks and appreciation from the Minister of Higher Education and Scientific Research, University President, andDeputy Minister of Higher Education.

1. **Service activities (within and outside of the institution).**
2. Participated in the discussion of several master`s and doctorate dissertations for postgraduate students in electrical engineering in many Iraq universities.
3. Participation in many scientific conference, seminars and workshops held in many Iraqi universities.
4. Participated in the evaluation of many scientific research published in many scientific journals court as well as research provided for the scientific advancement of many professors of Iraqi universities and the commissions of scientific research provided for promotion.
5. Lecturing in the field of electrical engineering and computer sciences in the bachelor`s and technical diploma for the period from 1987 till now (33 years) in several collages and technical institutes.
6. Design of electrical maps of many buildings implemented in the province.
7. Design and implementation of several control departments for many projects implemented in the province, especially projects for the purification and pumping of potable water.
8. Maintenance and rewinding of single phase and three phase electric motors. Scientific Activities
9. Design of training programs in the field of electrical power engineering.
10. Briefly list the most important publications and presentations from the past five years:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| number | title | co-authors (if any) | where published and/or presented | date of publication or presentation |
| 1 | [Enhancement of Maximum Power Point Traking of Solar Energy Conversion Using a Newly Designed High-Sensitive Fuzzy PID Controller](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=OWhGE40AAAAJ&citation_for_view=OWhGE40AAAAJ:LkGwnXOMwfcC) | None | Thi-Qar University for Engineering Sciences | 2019 |
| 2 | [A literature Survey on Well-known Algorithms of Optimum Power Flow](https://scholar.google.com.my/citations?view_op=view_citation&hl=en&user=2JRe3ScAAAAJ&citation_for_view=2JRe3ScAAAAJ:Tyk-4Ss8FVUC) | Baqer Turki, F Kshash | Proceedings of 2nd International Multi-Disciplinary Conference Theme: Integrated Sciences and Technologies, IMDC-IST | 2022 |
| 3 | [An Improved Cost Estimation For Unit Commitment Using Back Propagation Algorithm](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=OWhGE40AAAAJ&citation_for_view=OWhGE40AAAAJ:_FxGoFyzp5QC) | Dr. Ammar M.Ali, Salahaldain A.Aljabbar | Malaysian Journal of Fundamental and Applied Sciences | 2019 |
| 4 | [Enhancement of Maximum Power Point Traking of Solar Energy Conversion Using a Newly Designed High-Sensitive Fuzzy PID Controller](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=OWhGE40AAAAJ&sortby=pubdate&citation_for_view=OWhGE40AAAAJ:LkGwnXOMwfcC) | Ali Idham Alzaidi, Abdullah Al gizi, Adnan Allawi Fitat | 2018 IEEE 7th International Conference | 2019 |

10 - Briefly list the most recent professional development activities.

Design and Implementation of Artificial Intelligent software by using Artificial Neural Network (A.N.N) ,

Fuzzy Logic (F.L) and Genetic Algorithm (G.A).

MATLAB application for all generation.

AUTOCAD Program

Programming in C++ Language.

Programming in Visual Basic Language.