

## Curriculum Vitae

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### PERSONAL SUMMARY:

- Kassim A. Al-Anbarri was born in Karbala, Iraq, in 1958. He received the B.Sc. (Electrical Engineering) and M.Sc. (Power System Engineering) 1982 and 1985, respectively, from the University of Technology in Baghdad, Iraq. In 1998, he joined School of Electrical Engineering at Anna University, Chennai, India, where he received his Ph.D. Degree in 2004. Since 2007, Dr. Al-Anbarri has been with the Electrical Engineering Department, University of Mustansiriyah, Baghdad, Iraq. He is the author or coauthor of several technical papers. His current research interests include power system dynamics, renewable energy systems, and advanced power system analysis.

### EDUCATION:

- Ph.D. Electrical Power Engineering, ANNA University, Chennai, India (2004).
- M.Sc. Electrical Power Engineering, University of Technology, Baghdad, Iraq (1985).
- B.Sc. Electrical Engineering, University of Technology, Baghdad, Iraq (1982), ranked the (2nd) out of (293) graduates of the department.

### ACADEMIC /TEACHING EXPERIENCE:

- Faculty member, College of Engineering, Mustansiriyah University, Baghdad, Iraq(2019- present ).
- Dean of the College of Engineering, Mustansiriyah University, Baghdad, Iraq(2018- 2019 ).
- Deputy Dean(*Administration*), College of Engineering, Mustansiriyah University, Baghdad, Iraq(2015-2018 ).
- Head of the Electrical Engineering Department, Mustansiriyah University, Baghdad, Iraq(2013-2015).
- Faculty member, College of Engineering, Mustansiriyah University, Baghdad, Iraq(2007- 2013).
- lecturer at the Computer Department, University of Baghdad(1993-2007).
- External lecturer at the Electrical Engineering Department, University of Technology, Baghdad, Iraq(from 1989 to 1992).

### COURSES TAUGHT:

Undergraduate	Graduate
Computer programming in FORTRAN	Advanced Electrical Power Systems
Fundamentals of Electrical Engineering	Power System Dynamics and Stability
Electrical circuits	Transients in Electrical Power System
Electrical Power Engineering	Power System Operation and Control



## PROFESSIONAL AFFILIATIONS:

- Member of IEEE
- Member of Iraqi Union of Engineers.
- Member of The Iraqi Society of Computers and Information Technology.

## PUBLICATIONS:

- K. Al-Anbarri, R.Ramanujam, T. Keerthiga and K.Kuppusamy," Analysis of nonlinear phenomena in MOV connected transformer", *IEE Proc. On Gener. Transm. & Distrib.*, Vol.148, November 2001,pp.562-566. DOI.10.1049/ip-gtd:20010571
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- M.R.G. Al-Shakarchi and K.A.R. Al-Anbarri," Power systems probabilistic harmonic load flow", *Proceedings of ICHPS-IV*, Budapest, 1990, pp.63-69.
- K. Al-Anbarri, " An efficient load curtailment approach for steady state voltage instability alleviation ", *Journal of Engineering & Development*, Baghdad, Vol.12, Oct. 2008,pp.257-272.
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- Mazin T.Muhssin, Zeyad A.Obaid, Kassim Al-Anbarri, Liana M.Cipcigan, Mazin N.Ajaweed, "Load Dynamic Frequency Response Using Domestic Electric Vehicles ", *International Journal of Electrical Power & Energy Systems*, Volume 130(September2021), pp.1-10. <https://doi.org/10.1016/j.ijepes.2021.106920>
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- Mustafa S. Ibrahim, Ali Jafer Mahdi, Kassim A. Al-Anbarri" Performance Investigation of Wind Turbine Induction Generators connected with a Single-Area Power System" *Renewable Energy and Power Quality Journal*,2022, Vol.20, September 2022, pp.405-412 <https://doi.org/10.24084/repqj20.324>
- Marwan A. Mahmood, Kassim A. Al-Anbarri" Schedule unit commitment problem with transmission losses and solve very large-scale power system using salp swarm optimization technique" *AIP Conference Proceedings, 2804, 050001 (2023)*. <https://doi.org/10.1063/5.0154745>
- Ahmad Sattar Jaber, Ali Jafer Mahdi, Kassim A. Al-Anbarri " Verification of MPPT for a wind power system by hysteresis and vector controllers using DC-DC super lift boost converter" *AIP Conference Proceedings, 2804, 050027 (2023)*. <https://doi.org/10.1063/5.0163352>.

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Signature Vice Dean

الأستاذ المساعد الدكتور  
عائج جمال محمد  
نائب عميد شؤون الطلبة



## السيرة الذاتية

### قاسم عبد الرزاق علي الانباري

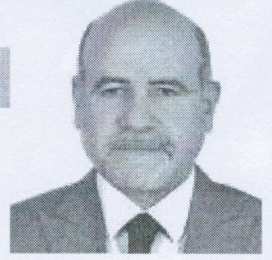
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#### ملخص تعريفي:

- د قاسم الانباري أحد تدريسي كلية الهندسة ( تخصص هندسة نظم القدرة الكهربائية). مجالات الاهتمامات البحثية للدكتور الانباري هي التحليل المتقدم لنظم القدرة الكهربائية، ديناميكية منظومة القدرة ، منظومات الطاقة المتجددة.
- د. قاسم الانباري مسجل في نقابة المهندسين العراقية كمهندس كهرباء استشاري.

#### الشهادات الدراسية:

- دكتوراه هندسة القدرة الكهربائية، جامعة أنا ، مدينة جيناي ، الهند 2004
- ماجستير هندسة القدرة الكهربائية ، الجامعة التكنولوجية ، بغداد ، العراق 1985
- بكالوريوس هندسة القدرة الكهربائية ، الجامعة التكنولوجية ، بغداد ، العراق 1982 يتسلسل الثاني من مجموع 296 متخرج

#### الخبرة الأكاديمية والتدريس:

- تدريسي في قسم الهندسة الكهربائية - كلية الهندسة في الجامعة المستنصرية (مستمر)
- عميد كلية الهندسة في الجامعة المستنصرية (2018-2019)
- معاون العميد للشؤون الادارية) كلية الهندسة في الجامعة المستنصرية (2015-2018)
- رئيس قسم الهندسة الكهربائية - كلية الهندسة في الجامعة المستنصرية (2013-2015)
- استاذ مساعد في قسم الهندسة الكهربائية - كلية الهندسة في الجامعة المستنصرية (2013-مستمر)
- مدرس في قسم الهندسة الكهربائية - كلية الهندسة في الجامعة المستنصرية (2007-2012)
- مدرس مساعد في قسم الحاسبات في جامعة بغداد (1993-1998)
- محاضر خارجي في قسم الهندسة الكهربائية - الجامعة التكنولوجية (1989-1993)

#### المقررات الدراسية التي تم تدريسها:

الدراسات العليا	الدراسات الأولية
تحليلات متقدمة لمنظومة القدرة الكهربائية	برمجة الحاسوب بلغة فورتران
ديناميكية واستقرارية منظومة القدرة الكهربائية	اسس تكنولوجيا الهندسة الكهربائية
الحالة العابرة في منظومة القدرة الكهربائية	الدوائر الكهربائية
تشغيل والتحكم لمنظومة القدرة الكهربائية	هندسة القدرة الكهربائية

#### الانتساب المهني او الجمعيات:

- عضو نقابة المهندسين العراقية
- عضو الجمعية العراقية للحاسبات وتكنولوجيا المعلومات
- عضو نقابة المعلمين العراقية
- عضو المعهد الامريكي لمهندسي الكهرباء والالكترونيك



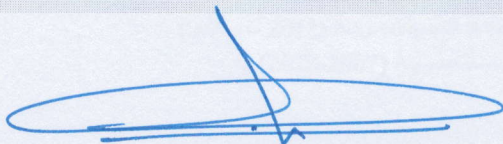
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- K. Al-Anbarri, R.Ramanujam, R. Saravanaselvan and K. Kuppusamy," Effect of iron core loss nonlinearity on the chaotic ferroresonance in power transformers", *Electric Power System Research*, Vol.65,2003, pp.1-12. [https://doi.org/10.1016/S0378-7796\(02\)00210-9](https://doi.org/10.1016/S0378-7796(02)00210-9)
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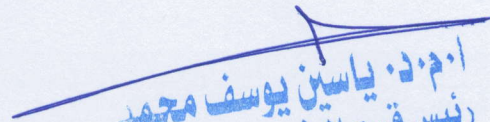
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