Brief Resume

1- Personal Information:

Name: Salah Mohamad Rahal
Nationality: Syrian
Birth date: 16 April 1948
Birth place: Taibet Al-Imam, Hama, Syria.
Address: Training and Community Service Center, King Saud University, Riyadh 14214, Kingdom of Saudi Arabia.
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2- Qualification:

- Doctorat d'Etat in Sciences/Signal Processing, Higher School of Electricity and Communication/National Polytechnic Institute in Grenoble (ENSERG/INPG), France, grade: "very honorable", May 1980.

- Diploma of Profound Studies "DEA" in Signal Processing field, ENSERG/INPG, grade: "good", July 1976.

- Diploma (Master) of Telecommunication Engineering, Communication Institute in Petersburg (former Leningrad), Russia, grade: "with honor", June 1973.

3- Scientific Ranking:

- 1980-1984: **Researcher** in Scientific Studies and Research Center "SSRC". Damascus, Syria.

- 1984-1989: **Main Researcher** - SSRC, Damascus, Syria.

- Since 1989: **Research Director** (Highest Scientific Title in SSRC - equivalent to **Professor**) - SSRC, Damascus, Syria.

- Since 2001: **Faculty Member** (on the position of Assistant Professor) - King Saud University-KSU, Riyadh, KSA.

4- Professional Experiences:

- 1973-1975: Engineer in Electronics; SSRC; Damascus, Syria.

- 1975-1976: Preparation of Diploma of Profound Studies: Courses and project titled: "conception and realization of signal processing system around a computer"; ENSERG/INPG, Grenoble, France.

- 1976-1980: Preparation of doctorate in Sciences/Electronics, subject: "digital system for studying statistic, temporal and frequency properties of random signal - Application on the analysis of 1/f fluctuations in intrinsic semiconductor"; ENSERG/INPG, Grenoble, France.

- 1980-2001: Member/Head of Signal Processing Research Group; SSRC, and Professor in "HIAST" - Higher Institute of Applied Science and Technology (180-1988); Damascus, Syria.

- 2001 (1422H)-up to now: on the position of Assistant Professor in KSU; Riyadh; KSA:

  - ❖ In College of Computer and Information Sciences-CCIS:

    - – 2/1422-5/1430H - in Technology Computer Department (actually Software Engineering Dept.),

    - – 5/1430-10/1431H - in Computer Sciences Dept.

    - – 1435-1438H Collaborator with Computer Engineering Dept.-CCIS.

  - ❖ 10/1431-12/1441H - in Deanship of Skills Development.

  - ❖ 1439/1440-1440/1441H: Collaborator with College of Applied Studies and Community Service.

  - ❖ 12/1441H-up to now: in Training and Community Service Center.

5- Teaching: Teaching of several courses in Computer Sciences & Engineering: Annex below.

6- Projects Supervision: Supervision of several undergraduate projects in Computer Engineering and master projects in Information Technology**:** Annex below.

7- Training: Training of several courses are done: Annex below.

8- Research Interests & Other Interests: Signal Processing; Biometrics; Teaching and Learning; Academic Performance Evaluation; Quality and Academic Accreditation**;** Skills Development.

9- Last Posts:

- 18/4/1430-9/10/1431H: Head of Quality Unit; College of Computer and Information Sciences; KSU.

- 10/10/1431H-24/12/1441H: Head of Research and Studies Unit; Skills Development Deanship; KSU.

10- Awards:

- Award for Excellence in Teaching at the level of KSU colleges for the academic year 1430/1431H; Quality Deanship; KSU.

- Award of Ideal Professor for the academic year 1428/1429H; CCIS; KSU.

11- Trainer: Deanship of Skills Development & Training and Community Service Center, KSU.

12- Foreign Languages: English, French, and Russian.

13- Recent Publications:

- *Dr. Dr. Mohamed A. Alharran & Dr. Salah M. Rahal*
"The role of volunteer work in Community Development and Proposed Model for its Activation", Arab Administrative Journal, Vol 35, Issue 2, 12/2015, Arab Administrative Development Organization (ARADO), The League of Arab States.
- *Dr. Salah M. Rahal*
Arabic Text Segmentation
IEEE International workshop on Arabic Character Recognition.
South Korea, Seoul, Korea University, January 21, 2013
- *Dr. Salah M. Rahal & Dr. Feryal I. Haj Hasan*
Fingerprint Minutiae Extraction
Journal of Computing, Volume 2, Issue 11, November 2010
- *Dr. Feryal I. Haj Hasan & Dr. Salah M. Rahal*
Fingerprint Image Enhancement
ICADIWT2010 Conference 12-14/7/2010; Turkey.
- *Dr. Salah M. Rahal, Dr. Hatim A. Aboalsamah, Dr. Khaled N. Muteb*
Fingerprint Recognition – Time & Attendance System Development
ICIS 2008; 1-3/12/2008 – Bahrain.
- *Dr. Salah M. Rahal, Dr. Hatim A. Aboalsamh, Dr. Khaled N. Muteb*
Secure Identification System – SIS, Information Technology & National Security Conference, Riyadh, K.S.A., 12/1/2007.
- *Dr. Salah M. Rahal, Dr. Hatim A. Aboalsamah, Dr. Khaled N. Muteb*
Multimodal Biometric Authentication System – MBAS, 2nd IEEE –ICTTA'06 International Conference on Information & Communication Technologies: From Theory to Applications, 24-28/4/2006, Damascus, Syria.
- *Dr. Salah Rahal*
Authentication Fingerprint System, First National Information Technology Symposium (NITS 2006): Bridging the digital Divide: Challenges and Solutions, College of Computer & Information Sciences, King Saud University – 2006.
- *Dr. Salah Rahal, Dr. Hussam Ramadan*
Educational Performance Evaluation in College of Computer and information Sciences-King Saud University; 5-th Scientific Conference on "Quality in Education"; 2005; Bahrain University; Al-Manama: Kingdom of Bahrain.

Dr. Salah M. Rahal

June 12, 2023