- **University Graduated:**

University of Surrey
Electrical and Electronics
Engineering Department,
England
Degree Ph.D, 1978

Profesional Background :

Y. Doç. Dr. 1979-1982

Hacettepe University

Electrical and Electronics Eng. Dept.

- University of Western Ontanio- CANADA 1982-1985

Doç. Dr. 1985-1991

- Hacettepe University Electrical and Electronics Eng. Dept.

Prof. Dr. 1991- 2015

- Hacettepe University Electrical and Electronics Eng. Dept.

- Çankaya University 2015 - To date

- **Latest publications:**

AHMAD SALMANOGLI, **H. SELCUK GECIM** "Accurate method to calculate noise figure in a low noise amplifier: Quantum theory analysis" Microelectronics Journal 128(2022)105532

AHMAD SALMANOGLI, **H. SELCUK GECIM**. "Optical and Microcavity Modes Entanglement by Means of Plasmonic Opto-Mechanical System". IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, Vol: 26, No: 3, 2020.

SALMANOGLI, A., GOKCEN, D., **SELCUK GECIM, H.** "Plasmonic Effect on Quantum-Dot Photodetector Responsivity". IEEE Sensors Journal, Vol: 19, No: 10, pp. 3660-3667, 2019.

A. SALMANOGLI, D. GOKCEN, **H. S. GECIM**. "Entanglement of Optical and Microcavity Modes by Means of an Optoelectronic System". PHYSICAL REVIEW APPLIED, Vol 11, Issue 2, 2019.

A. SALMANOGLI, **H. S. GECIM**. "Optical and Microcavity Modes Entanglement by means of Developed Opto-Mechanical System 1". ArXiv Vol: 1804, pp. 1183-2018.

A. SALMANOGLI, **H. S. GECIM**, E. PISKIN. "Plasmonic System as a Compound Eye: Image Point-Spread Function Enhancing by Entanglement". IEEE SENSORS JOURNAL, Vol: 18, No. 14, 2018.

A. SALMANOGLI, **H. S. GECIM**, Quantum eye: "Lattice plasmon effect on quantum fluctuations and photon detection". ANNALS OF PHYSICS Vol: 394, pp.162–178, 2018.

A. SALMANOGLI, **H. S. GECIM**. "Array Of Nanoparticles Coupling With Quantum Dot: Lattice Plasmon Quantum Features". PHYSICA E: LOW-DIMENSIONAL SYSTEMS AND NANOSTRUCTURES, Vol: 100, pp. 54-62, 2018.

RESEARCH INTERESTS:

- Analog, Digital, Circuit design, Semiconductors technology, Signal processing