

CURRICULUM –VITAE

SALAH RAZA SAEED

**Physics Department, College of Science,
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PERSONAL DETAIL

Name: Salah Raza Saeed

Date of birth: September 1st, 1966,

EMPLOYMENT

SULAIMANI UNIVERSITY (2022-)

Professor, College of Science, Department of Physics
Sulaimani, Kurdistan region -Iraq

CHARMO UNIVERSITY (2014- 2022)

The President of Charmo University, Dec. 2014-
Professor, Department of Applied Physics, 2014-
Chamchamal, Kurdistan region -Iraq

SULAIMANI UNIVERSITY (2010-2014)

Dean of the Faculty of education and political science
Head of the School of Basic Education
Assist. Professor, Department of General Science
Sulaimani, Kurdistan region -Iraq

SULAIMANI UNIVERSITY (2000-2004)

Lecturer, College of Science, Department of Physics
Sulaimani, Kurdistan region -Iraq

AL-NASIR UNIVERSITY (1997-2000)

Lecturer, Faculty of Arts & Science, Department of Physics
Beni Walid, Libya

SALAHADDIN UNIVERSITY (1992-1996)

- Assistant lecturer, College of Science, Department of physics,

- Assistant lecturer, College of Engineering, Department of Electrical Engineering Erbil, Kurdistan Region –Iraq

EDUCATION

- **JAGIELLONIAN UNIVERSITY (2004-2009)**
DOCTOR OF PHILOSOPHY, 2009

JAGIELLONIAN UNIVERSITY, KRAKOW, POLAND
Marian Smoluchowski Institute of Physics

Department of Physics of Nanotechnology and
Nanostructures

- POST DOC. (22nd Jan.2009 to 1st Aug. 2009) . (Nano-scale atomic friction)
FANAS project at Department of physics of Nanostructure and Nanotechnology
Krakow, Poland

MASTER OF SCIENCE (Semiconductor Physics) 1992

SALAHADDIN UNIVERSITY, COLLEGE OF SCIENCE , DEPARTMENT OF PHYSICS
ERBIL, KURDISTAN REGION-IRAQ

BACHELOR OF SCIENCE (PHYSICS) 1988

SALAHADDIN UNIVERSITY, COLLEGE OF SCIENCE, DEPARTMENT OF PHYSICS
ERBIL, KURDISTAN REGION-IRAQ

AREA OF INTERESTS/ FIELD OF RESEARCH

- Energetic Ions (low range of energy to 5keV) Induced modifications in Solids.
- Nanostructuring by energetic ions on semiconductors, metals and alkali halide systems (nano dots, wires, ripples, nanorods)
- Surface composition modification
- Synthesis and Characterization of Semiconductor Nanoparticles and its potential applications
- Physical Properties of Polymers
- Synthesis (by CVD and Laser Ablation Methods), characterization and potential applications of Carbon Nanotubes.
- Physical properties of polymers.

HANDS ON EXPERIENCE FOR FOLLOWING TECHNIQUES

- Galvanomagnetic effect (the Hall effect, Ettingshausen effect,

transverse magnetoresistance, and Nernst effect). Thermoelectric power, thermal and electrical conductivity.

- Surface morphological techniques:
- Scanning Probe Microscopy {UHV-AFM/STM (from Omicron & Park) and Ambient (from)}, Scanning Electron Microscopy (SEM).
- Chemical Analysis techniques: X-ray Photoelectron Spectroscopy (XPS), Ultra- Violet Photoelectron, Energy Dispersive Analysis by X-ray (EDAX), and Secondary Ions Mass Spectroscopy (SIMS), KELVIN PROBE Microscopy (KPM), Electron Energy Loss Spectroscopy (EELS)
- Structural Analysis techniques: X-Ray Diffraction (XRD), Infra-Red Spectroscopy (IR), and UV Visible Absorption Spectroscopy, Low Energy Electron Diffraction (LEED)

COMPUTER SKILL(Operating Systems & Software Packages)

Windows 2000/NT/XP, MS-Office 2000/XP/ 2003, Origin, Corel, Scientific Packages like SRIM, TRIM, Nano-Surf, WSxM program, Matrix (SPM).

PUBLICATIONS

<https://scholar.google.com/citations?hl=ar&user=gBsVwVYAAA AJ>

no. of publications 72

Prof. dr Salah Raza saeed