

RAZAN SOLAIMAN

Theoretical Physics Researcher & Lecturer

 Jableh, Latakia, Syria

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PROFILE

NATIONALITY: SYRIAN

DATE OF BIRTH: 25/07/1991

Razan Solaiman is a Syrian researcher in theoretical physics. She graduated from Latakia University , Syria, in 2016. Later, she earned her Master’s degree in Theoretical Physics in 2024, specializing in plasma research. In 2026, she enrolled in her Ph.D. program to pursue her advanced research. Alongside her academic studies, she has been working as a laboratory instructor in the Department of Physics since 2017

EDUCATION

Present – 2026 2024	- Ph.D. Student in Theoretical Physics Latakia University(formerly Tishreen University) , Latakia-Syria. - Master's degree in Theoretical Physics - Final grade: 80.54 %
Tishreen University(now latakia University) , Latakia-Syria	
2016	Bachelor's degree in physics - Final grade: 71.18 %
Tishreen University (now latakia University), Latakia-Syria	

EXPERIENCE

September 2017 - Present	LAPORATORY INSTRUCTOR
Taught the practical part of various courses at Tishreen University	
"Vibrations and Waves, Electricity and Magnetism ", to second-year physics students [2017-present] "Laser Physics and Electronics 2" courses for fourth-year physics students[2018 -2019]	
Taught the practical part of the Physics course for first-year pharmacy students at Al-Manara Private University in Latakia [2017 - 2018]	
	CERTIFIED PHYSICS TEACHER
Public and private schools - Latakia -Syria	
- Teach Physics and Chemistry to high school students - Mohamed Habib School [2017-present] - Taught Physics to middle school students - Afak Al Mostaqbal Private School [2023-2024] - Taught physics and chemistry to middle school students - Reham Abdel AL-Hamid School [2017 - 2018]	

LANGUAGE SKILLS

- Mother tongue(s): Arabic
- English: [LISTENING A2 READING B1 WRITING A2 SPOKEN A2]
- French : [LISTENING A1 READING A1]

TECHNICAL SKILLS

- ICDL certified
- Research and Simulation Tools: Python , Mathematica

RESEARCH PROJECTS

- Publication: " Studying effect of Ponderomotive Force on Wave Modes Propagating in Hot Magnetized Plasma" Supervised by: Prof.Dr: Najah Kabalan .Co- Supervised by: Prof.Dr: Mahmoud Ahmad.
- Master's Thesis: "Studying effect of Ponderomotive Force on Cyclotron Dumping in a Magnetized Plasma". Supervised by: Prof.Dr: Najah Kabalan .Co- Supervised by: Prof.Dr: Mahmoud Ahmad.
- Ph.D. Dissertation(In progress) : " Mutual Interaction between Accelerated Electrons and Gaussian laser beam in a Magnetized Plasma".Supervised by: Prof.Dr: Najah Kabalan . Co- Supervised by: Prof.Dr: Mahmoud Ahmad

OTHER

- Certificates of participation in the annual scientific conference at Tishreen University [2023 & 2024&2026]

REFERENCES

Prof .Dr. Najah Kabalan

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