



## Certificate of Appreciation

This is to certify that

**GULLALA YASEN BAKR**

(Salahaddin University-Erbil)

has participated in “ **Heisenberg Uncertainty Principle and a wave packet approach** ” as a part of **Training Course** entitled **Quantum Mechanics** which was organized by Physics Education Department, Tishk International University, on 08/02/2024, in Erbil, KRG-Iraq.

**Dr. Pishtiwan Akram**  
Head of Physics Education Department  
Tishk International University



## Certificate of Appreciation

This is to certify that

**GULLALA YASEN BAKR**

(Salahaddin University-Erbil)

has participated in “**The Emergence of Quantum Mechanics**” as a part of **Training Course** entitled **Quantum Mechanics: Unveiling Emergence and Exploring Applications** which was organized by Physics Education Department, Tishk International University, on 01/02/2024, in Erbil, KRG-Iraq.

**Dr. Pishtiwan Akram**  
Head of Physics Education Department  
Tishk International University



## Certificate of Appreciation

This is to certify that

**GULLALA YASEN BAKR**

(Salahaddin University-Erbil)



has participated in “**The Deepest Understanding of Schrödinger Equation**” as a part of **Training Course** entitled **Quantum Mechanics** which was organized by Physics Education Department, Tishk International University, on 13/03/2024, in Erbil, KRG-Iraq.

**Dr. Pishtiwan Akram**  
Head of Physics Education Department  
Tishk International University



## Certificate of Appreciation

This is to certify that

**GULLALA YASEN BAKR**

(Salahaddin University-Erbil)



has participated in “**Evolution of Atomic Model 400 BC-2024**” as a part of **Training Course** entitled **Quantum Mechanics** which was organized by Physics Education Department, Tishk International University, on 29/02/2024, in Erbil, KRG-Iraq.

**Dr. Pishtiwan Akram**  
Head of Physics Education Department  
Tishk International University