

Serial No. 037401

RIPHAH INTERNATIONAL UNIVERSITY

جامعہ رفاه بین الاقوامی اسلام آباد

ISLAMABAD - PAKISTAN



The Board of Governors of the University on recommendation
of the Academic Council hereby confers upon

Saleem Ullah Bilal Son of **Sibghat Ullah**

Having passed the prescribed examination held in August, 2022

The degree

Master of Science in Physics

With all the rights, and privileges appertaining thereto.

جامعہ گورنرز آف گورنرز، اکیڈمک کونسل کی سفارش پر
سلیم اللہ بلال بن
کو اگست 2022 میں منعقدہ لازمی امتحان میں کامیابی پر
ماسٹر آف سائنس اینڈ فزکس
کی سند

تمام حقوق، اور امتیازات اور متعلقہ مراعات سمیت

مطا کر رہا ہے



Registration # F20C09U45024
Batch Fall 2020

Registrar

[Signature]

Vice Chancellor

[Signature]

Chancellor

[Signature]



Master of Science in Physics

Registration No F20C09U45024
 Student Number 000026249
 Student Name Saleem Ullah Bilal
 Father Name Sibghat ullah
 CNIC 3820167813229

Session Fall-2020 to Spring-2022
 Admission 05 Sep 2020
 Completion 24 Aug 2022
 Date of Issue 07 Mar 2023
 CMS No 398515

FALL 2020

PHY 3101	Mathematical Methods for Physics-I	3.00	B
HU 3001	Islamic Ethical Principles and Contemporary Issues	1.00	B
PHY 3103	Classical Mechanics	3.00	B
PHY 3102	Electromagnetic Theory-I	3.00	B
PHY(L) 3001	Laboratory-I (Basic Electronics)	2.00	B
PHY 3001	Electronics-I	3.00	B
GPA		15.00	3.34

FALL 2021

PHY 4102	Atomic & Molecular Physics	3.00	B
HU 4001	Professional Ethics-I	1.00	B
PHY(L) 4001	Laboratory-III (Spectroscopy)	2.00	B
PHY 4001	Solid State Physics-I	3.00	C
PHY 4101	Quantum Mechanics-II	3.00	B
PHY 4103	Nuclear Physics	3.00	D
GPA		15.00	2.61

SPRING 2021

PHY 3104	Mathematical Methods Of Physics-II	3.00	B
PHY 3105	Quantum Mechanics-I	3.00	B
PHY 3106	Electronics-II	3.00	B
PHY 3107	Electromagnetic Theory-II	3.00	B
HU 3002	Personality Development	1.00	B
PHY(L) 3002	Laboratory-II (Modern Physics)	2.00	A
GPA		15.00	3.43

SPRING 2022

PHY 4024	Material Science	3.00	C
PHY 4023	Nanoscience And Technology	3.00	B
PHY 4011	Renewable Sources Of Energy	3.00	B
HU 4002	Professional Ethics-II	1.00	C
PHY 4104	Statistical Physics	3.00	B
PHY 4021	Methods Of Experimental Physics	3.00	B
PHY 4105	Solid State Physics-II	3.00	B
GPA		19.00	3.07

CGPA 3.11
 Attempted Credit Hours 64.00
 Earned (completed) credit hours 64.00

Muhammad Adeel

Acting Controller of Examinations

Course Code	Course Title	C Hrs	Grade
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Errors and Omissions exempted

Remarks: Degree requirements completed
 Repeated courses are indicated with (R). Grade Non Credit Course are indicated with (NC). Non Credit Courses/ Exempted/ Cr transferred not used in calculation of SGPA and CGPA.

Sixteen year of education