

No. 108156573

**Master of Science in Physics**  
**Examination: December-2022**  
**Semester 1**

Name of Student : SUMBUL KHAN  
Father's/Husband's Name : MOHD ALAM KHAN  
Enrollment No : 2212A0255976  
Roll No : 22162367

Subject Code	Subjects	External Marks		Internal Marks		Total Marks OBTD	Result/ Remark
		MAX	OBTD	MAX	OBTD		
MSC23A101	Mathematical Physics	70	36	30	26	62	Pass
MSC23A102	Classical Mechanics	70	58	30	19	77	Pass
MSC23A103	Electrodynamics & Plasma Physics	70	47	30	23	70	Pass
MSC23A104	Electronics	70	46	30	18	64	Pass
MSC23A105	Laboratory Course I - A: General & Optics	100	72	-	-	72	Pass
MSC23A106	Laboratory Course I - B: Electronics	100	52	-	-	52	Pass
<b>Grand Total</b>		480	311	120	86	<b>397</b>	

Total Marks Obtained (In words) : Four Hundred Twenty Three

Result : Pass  
Division : First  
Date of Issue : 06/04/2023



Prepared By

Checked By

Controller of Examination

No. 108256204

**Master of Science in Physics**  
**Examination: June-2023**  
**Semester 2**

Name of Student : SUMBUL KHAN  
Father's/Husband's Name : MOHD ALAM KHAN  
Enrollment No : 2212A0255976  
Roll No : 22162367

Subject Code	Subjects	External Marks		Internal Marks		Total Marks OBTD	Result/ Remark
		MAX	OBTD	MAX	OBTD		
MSC23A201	Quantum Mechanics - I	70	33	30	24	57	Pass
MSC23A202	Statistical Mechanics	70	50	30	19	69	Pass
MSC23A203	Electronic & Photonic Devices and Optical Modulators	70	57	30	21	78	Pass
MSC23A204	Computational Methods & Programming	70	51	30	22	73	Pass
MSC23A205	Lab Course II - A: Numerical Analysis & Computer Programming	100	70	-	-	70	Pass
MSC23A206	Lab Course II - B: Digital Electronics & Microprocessor	100	63	-	-	63	Pass
<b>Grand Total</b>		480	324	120	86	<b>410</b>	

Total Marks Obtained (In words) : Four Hundred

Result : Pass  
Division : First  
Date of Issue : 20/07/2023



Prepared By

Checked By

Controller of Examination

No. 108353899

**Master of Science in Physics**  
**Examination: December-2023**  
**Semester 3**

Name of Student : SUMBUL KHAN  
Father's/Husband's Name : MOHD ALAM KHAN  
Enrollment No : 2212A0255976  
Roll No : 23159073

Subject Code	Subjects	External Marks		Internal Marks		Total Marks OBTD	Result/ Remark
		MAX	OBTD	MAX	OBTD		
MSC23A301	Quantum Mechanics - II	70	46	30	25	71	Pass
MSC23A302	Atomic & Molecular Physics	70	56	30	23	79	Pass
MSC23A303	Solid State Physics - I	70	34	30	26	60	Pass
MSC23A304c	Physics of Nano-Material - I	70	44	30	25	69	Pass
MSC23A305c	Laboratory Course III - B:c. Physics of Nano-Material - I	100	63	-	-	63	Pass
MSC23A306	Minor Project	100	51	-	-	51	Pass
<b>Grand Total</b>		480	294	120	99	<b>393</b>	

Total Marks Obtained (In words) : Four Hundred Twenty

Result : Pass  
Division : First  
Date of Issue : 14/03/2024



Prepared By

Checked By

Controller of Examination

No. 108456781

**Master of Science in Physics**  
**Examination: June-2024**  
**Semester 4**

Name of Student : SUMBUL KHAN  
Father's/Husband's Name : MOHD ALAM KHAN  
Enrollment No : 2212A0255976  
Roll No : 23159073

Subject Code	Subjects	External Marks		Internal Marks		Total Marks OBTD	Result/Remark
		MAX	OBTD	MAX	OBTD		
MSC23A401	Nuclear & Particle Physics	70	57	30	25	82	Pass
MSC23A402	Laser Physics and Applications	70	38	30	22	60	Pass
MSC23A403	Solid State Physics - II	70	50	30	20	70	Pass
MSC23A404C	Physics of Nano-Material - II	70	44	30	20	64	Pass
MSC23A405	Major Project & Work	200	134	-	-	134	Pass
<b>Grand Total</b>		480	323	120	87	<b>410</b>	

SEM/YEAR	I	II	III	IV	GRAND TOTAL	RESULT	DIV
MAX MARKS	600	600	600	600	2400		
OBTD MARKS	397	410	393	410	1610	PASS	FIRST

Total Marks Obtained (In words) : One Thousand Six Hundred Ten

Date of Issue : 20/07/2024



Prepared By

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Controller of Examination

