

(57613) : 57613 : Advanced Instrumentation techniques

(57661) : 57661 : Nanotechnology in space and defense

(57697) : 57697 : Practical III

(57623) : 57623 : Physics of semiconductors -I

(57662) : 57662 : Nanotechnology in energy and power storage devices

(57633) : 57633 : Fundamentals of spectroscopy

(57696) : 57696 : Short term project (Research Project)

Course Code	Course Title	Course Credits	I1 (INTERNAL EXAMINATION)		E1 (EXTERNAL EXAMINATION)		TOTALF (TOTAL MARKS)	
			Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks
57613	Advanced Instrumentation techniques	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57623	Physics of semiconductors -I	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57633	Fundamentals of spectroscopy	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57661	Nanotechnology in space and defense	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57662	Nanotechnology in energy and power storage devices	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57696	Short term project (Research Project)	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57697	Practical III	2.00	10.00	25.00	10.00	25.00	20.00	50.00

#:0.229; @:O.5042A/O.5043A/O.5044A; *:O.5045A; AA/ABS: ABSENT; P: SUCCESSFUL; F: UNSUCCESSFUL; E: EXMP CAN BE CLAIMED; ~: Dyslexia; +: MARKS CARRIED FORWARD; \$: GRADE CARRIED FORWARD; RCC: O.5050; RPV: PROVISIONAL; NULL: NULL & VOID.; ADC: ADMISSION CANCELLED; RR: RESERVED; C: CREDIT POINTS EARNED; G: GRADE POINTS; äC: SUM OF C; äCG: SUM OF CxG; SGPI: SEMESTER GRADE PERFORMANCE INDEX = äCG / äC; RR: RESERVED

(NEP 2020) EXAMINATION HELD IN MAY 2025

%Marks	>=90	>=80 and <90	>=70 and <80	>=60 and <70	>=55 and <60	>=50 and <55	>=40 and <50	< 40
Grade	O	A+	A	B+	B	C	D	F
GRADE POINT	10	9	8	7	6	5	4	0

MU-89: NATIONAL CENTRE FOR NANOSCIENCE AND NANOTECHNOLOGY

SEAT NO					NAME										STATUS					GENDER					ERN					COLLEGE										TOTAL	RESULT	REMARK
57613 : Advanced Instrumentation techniques (THEORY)					57623 : Physics of semiconductors -I (THEORY)					57633 : Fundamentals of spectroscopy (THEORY)					57661 : Nanotechnology in space and defense (THEORY)					57696 : Short term project (Research Project) (PROJECT)					57697 : Practical III (PRACTICAL)					äC	äCG	äCG										
External (50/20)					External (50/20)					External (50/20)					External (50/20)					External (50/20)					External (25/10)																	
Internal(50/20)					Internal(50/20)					Internal(50/20)					Internal(50/20)					Internal(50/20)					Internal(25/10)																	
TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C													
1283001					HETAL MAHIDA										Repeater					FEMALE					(2023034110008714)					MU-89: National Centre for Nanoscience and Nanotechnology												
E1	25		P		20		P		39+		P		30+		P		38+		P		15+		P		MARKS																	
l1	26		P		26		P		27+		P		25+		P		42+		P		15+		P		(328)				PASS													
TOT	51	5	C	4	20.0	46	4	D	4	16.0	66+	7	B+	4	28.0	55+	6	B	4	24.0	80+	9	A+	4	36.0	30+	7	B+	2	14.0	22	138.0	6.27273									

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(NEP 2020) EXAMINATION HELD IN MAY 2025

%Marks	>=90		>=80 and <90		>=70 and <80		>=60 and <70		>=55 and <60		>=50 and <55		>=40 and <50		< 40	
Grade	O		A+		A		B+		B		C		D		F	
GRADE POINT	10		9		8		7		6		5		4		0	

SEAT NO		NAME										STATUS		GENDER			ERN					COLLEGE					TOTAL		RESULT	REMARK					
57613 : Advanced Instrumentation techniques (THEORY)		57623 : Physics of semiconductors -I (THEORY)					57633 : Fundamentals of spectroscopy (THEORY)					57661 : Nanotechnology in space and defense (THEORY)		57696 : Short term project (Research Project) (PROJECT)			57697 : Practical III (PRACTICAL)					(550)		äC	äCG	äCG									
External (50/20)		External (50/20)					External (50/20)					External (50/20)		External (50/20)			External (25/10)																		
Internal(50/20)		Internal(50/20)					Internal(50/20)					Internal(50/20)		Internal(50/20)			Internal(25/10)																		
TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C						
1283002		BISHAL KUMAR MALLIK										Repeater		MALE			(2023034110004297)					MU-89: National Centre for Nanoscience and Nanotechnology													
E1	24	P			21	P			33+	P			26+	P			27	P			12+	P			MARKS										
I1	25	P			25	P			27+	P			20+	P			27	P			18+	P			(285)							PASS			
TOT	49	4	D	4	16.0	46	4	D	4	16.0	60+	7	B+	4	28.0	46+	4	D	4	16.0	54	5	C	4	20.0	30+	7	B+	2	14.0	22	110.0		5	

SEAT NO		NAME										STATUS		GENDER			ERN					COLLEGE					TOTAL		RESULT	REMARK					
57613 : Advanced Instrumentation techniques (THEORY)		57623 : Physics of semiconductors -I (THEORY)					57633 : Fundamentals of spectroscopy (THEORY)					57661 : Nanotechnology in space and defense (THEORY)		57696 : Short term project (Research Project) (PROJECT)			57697 : Practical III (PRACTICAL)					(550)		äC	äCG	äCG									
External (50/20)		External (50/20)					External (50/20)					External (50/20)		External (50/20)			External (25/10)																		
Internal(50/20)		Internal(50/20)					Internal(50/20)					Internal(50/20)		Internal(50/20)			Internal(25/10)																		
TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C						
1283003		PRABHAT PANDEY										Repeater		MALE			(2023034110015975)					MU-89: National Centre for Nanoscience and Nanotechnology													
E1	27	P			20	P			22+	P			28	P			27	P			15+	P			MARKS										
I1	25	P			28	P			30+	P			25+	P			27	P			20+	P			(294)							PASS			
TOT	52	5	C	4	20.0	48	4	D	4	16.0	52+	5	C	4	20.0	53	5	C	4	20.0	54	5	C	4	20.0	35+	8	A	2	16.0	22	112.0		5.09091	

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(NEP 2020) EXAMINATION HELD IN MAY 2025

%Marks	>=90		>=80 and <90		>=70 and <80		>=60 and <70		>=55 and <60		>=50 and <55		>=40 and <50		< 40	
Grade	O		A+		A		B+		B		C		D		F	
GRADE POINT	10		9		8		7		6		5		4		0	

SEAT NO		NAME										STATUS		GENDER					ERN					COLLEGE					TOTAL		RESULT		REMARK						
57613 : Advanced Instrumentation techniques (THEORY)		57623 : Physics of semiconductors -I (THEORY)					57633 : Fundamentals of spectroscopy (THEORY)					57662 : Nanotechnology in energy and power storage devices (THEORY)		57696 : Short term project (Research Project) (PROJECT)					57697 : Practical III (PRACTICAL)					(550) äC		äCG		äCG											
External (50/20)		External (50/20)					External (50/20)					External (50/20)		External (50/20)					External (25/10)																				
Internal(50/20)		Internal(50/20)					Internal(50/20)					Internal(50/20)		Internal(50/20)					Internal(25/10)																				
TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C										
1283004		ROSHAN MOHAMMED A										Repeater		MALE					(2023034110003304)					MU-89: National Centre for Nanoscience and Nanotechnology															
E1	28	P			26					P		44+					P		27					P		12+					P		MARKS						
I1	28+	P			25					P		32+					P		27+					P		28					P		(327)					PASS	
TOT	56	6	B	4	24.0	51	5	C	4	20.0	76+	8	A	4	32.0	54	5	C	4	20.0	55	6	B	4	24.0	35+	8	A	2	16.0	22	136.0	6.18182						
SEAT NO		NAME										STATUS		GENDER					ERN					COLLEGE					TOTAL		RESULT		REMARK						
57613 : Advanced Instrumentation techniques (THEORY)		57623 : Physics of semiconductors -I (THEORY)					57633 : Fundamentals of spectroscopy (THEORY)					57662 : Nanotechnology in energy and power storage devices (THEORY)		57696 : Short term project (Research Project) (PROJECT)					57697 : Practical III (PRACTICAL)					(550) äC		äCG		äCG											
External (50/20)		External (50/20)					External (50/20)					External (50/20)		External (50/20)					External (25/10)																				
Internal(50/20)		Internal(50/20)					Internal(50/20)					Internal(50/20)		Internal(50/20)					Internal(25/10)																				
TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C										
1283005		SHINDE HARSHAL PRASHANT										Repeater		MALE					(2023034110015977)					MU-89: National Centre for Nanoscience and Nanotechnology															
E1	ABS			ABS					31+		P		ABS					27		P		15+					P		MARKS										
I1	22+	P			26					P		21+					P		26+					P		30					P		(211)					FAILED	
TOT	22	0	F	4	0.0	26	0	F	4	0.0	52+	5	C	4	20.0	26	0	F	4	0.0	57	6	B	4	24.0	28+	6	B	2	12.0	22	56.0	0						

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(NEP 2020) EXAMINATION HELD IN MAY 2025

%Marks	>=90	>=80 and <90	>=70 and <80	>=60 and <70	>=55 and <60	>=50 and <55	>=40 and <50	< 40
Grade	O	A+	A	B+	B	C	D	F
GRADE POINT	10	9	8	7	6	5	4	0

	SEAT NO					NAME										STATUS					GENDER					ERN					COLLEGE																																																																																																																													
	57613 : Advanced Instrumentation techniques (THEORY)					57623 : Physics of semiconductors -I (THEORY)					57633 : Fundamentals of spectroscopy (THEORY)					57661 : Nanotechnology in space and defense (THEORY)					57696 : Short term project (Research Project) (PROJECT)					57697 : Practical III (PRACTICAL)					TOTAL (550)		RESULT		REMARK																																																																																																																									
																															äC		äCG		äCG																																																																																																																									
	External (50/20)					External (50/20)					External (50/20)					External (50/20)					External (50/20)					External (25/10)																																																																																																																																		
	Internal(50/20)					Internal(50/20)					Internal(50/20)					Internal(50/20)					Internal(50/20)					Internal(25/10)																																																																																																																																		
	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C																																																																																																																														
	1283006					SAHIL MAHALINGE										Repeater					MALE					(2023034110003135)					MU-89: National Centre for Nanoscience and Nanotechnology																																																																																																																													
E1	23+					P					20+					P					35+					P					25+					P					28					P					10+					P					MARKS																																																																																															
I1	20+					P					21+					P					27+					P					20+					P					28					P					15+					P					(272)		PASS																																																																																													
TOT	43+					4					D					4					16.0					41+					4					D					4					16.0					62+					7					B+					4					28.0					45+					4					D					4					16.0					56					6					B					4					24.0					25+					5					C					2					10.0					22		110.0		5	

	SEAT NO					NAME										STATUS					GENDER					ERN					COLLEGE																																																																																																																													
	57613 : Advanced Instrumentation techniques (THEORY)					57623 : Physics of semiconductors -I (THEORY)					57633 : Fundamentals of spectroscopy (THEORY)					57661 : Nanotechnology in space and defense (THEORY)					57696 : Short term project (Research Project) (PROJECT)					57697 : Practical III (PRACTICAL)					TOTAL (550)		RESULT		REMARK																																																																																																																									
																																				äC		äCG		äCG																																																																																																																				
	External (50/20)					External (50/20)					External (50/20)					External (50/20)					External (50/20)					External (25/10)																																																																																																																																		
	Internal(50/20)					Internal(50/20)					Internal(50/20)					Internal(50/20)					Internal(50/20)					Internal(25/10)																																																																																																																																		
	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C	TOT	GP	G	C	G*C																																																																																																																														
	1283007					YADAV ASHISH MAHENDRAKUMAR										Repeater					MALE					(2023034110015978)					MU-89: National Centre for Nanoscience and Nanotechnology																																																																																																																													
E1	26+					P					24+					P					41+					P					28+					P					30					P					15+					P					MARKS																																																																																															
I1	27+					P					26+					P					36+					P					32+					P					37					P					23+					P					(345)		PASS																																																																																													
TOT	53+					5					C					4					20.0					50+					5					C					4					20.0					77+					8					A					4					32.0					60+					7					B+					4					28.0					67					7					B+					4					28.0					38+					8					A					2					16.0					22		144.0		6.54545	

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(NEP 2020) EXAMINATION HELD IN MAY 2025

%Marks	>=90		>=80 and <90		>=70 and <80		>=60 and <70		>=55 and <60		>=50 and <55		>=40 and <50		< 40	
Grade	O		A+		A		B+		B		C		D		F	
GRADE POINT	10		9		8		7		6		5		4		0	