

(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	E1 (EXTERNAL EXAMINATION)		I1 (INTERNAL 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

@: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 DECEMBER 2024

%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 (550) äC	RESULT äCG	REMARK äCG	
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)								
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					BISHAL KUMAR MALLIK					Regular					MALE					(2023034110004297)					MU-89: National Centre for Nanoscience and Nanotechnology								
E1	17	0	F	0.0	20		P			33		P			26		P			ABS				12		P			MARKS				
I1	16	0	F	0.0	12	0	F		0.0	27		P			20		P			ABS				18		P			(201) FAILED				
TOT	33	0	F	4	0.0	32	0	F	4	0.0	60	7	B+	4	28.0	46	4	D	4	16.0		0	F	4	0.0	30	7	B+	2	14.0	22	58.0	0

@: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 DECEMBER 2024

%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 (550) äC	RESULT äCG	REMARK äCG					
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)																	
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													
1283012					SHINDE HARSHAL PRASHANT										Regular					MALE					(2023034110015977)					MU-89: National Centre for Nanoscience and Nanotechnology												
E1	19	0	F	0.0	16	0	F	0.0	31		P				17	0	F	0.0						15		P			MARKS													
I1	22		P		12	0	F	0.0	21		P				26		P							13		P			(192)		FAILED											
TOT	41	0	F	4	0.0	28	0	F	4	0.0	52	5	C	4	20.0	43	0	F	4	0.0		0	F	4	0.0	28	6	B	2	12.0	22	32.0	0									

@: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 DECEMBER 2024

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Grade	O	A+	A	B+	B	C	D	F
GRADE POINT	10	9	8	7	6	5	4	0