

(57612) : 57612 : Fundamentals of Nanomaterials

(57622) : 57622 : Experimental Methods

(57632) : 57632 : Micro-nano fabrication techniques

(57671) : 57671 : Nanomaterial synthesis techniques (PVD and CVD)

(57674) : 57674 : Thermodynamics and catalysis of nanomaterials

(57694) : 57694 : Industrial visits

(57695) : 57695 : Practical Course II

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
57612	Fundamentals of Nanomaterials	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57622	Experimental Methods	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57632	Micro-nano fabrication techniques	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57671	Nanomaterial synthesis techniques (PVD and CVD)	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57674	Thermodynamics and catalysis of nanomaterials	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57694	Industrial visits	4.00	20.00	50.00	20.00	50.00	40.00	100.00
57695	Practical Course II	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 DECEMBER 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																																											
57612 : Fundamentals of Nanomaterials (THEORY)					57622 : Experimental Methods (THEORY)					57632 : Micro-nano fabrication techniques (THEORY)					57674 : Thermodynamics and catalysis of nanomaterials (THEORY)					57694 : Industrial visits (PROJCT)					57695 : Practical Course II (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																																											
1282001					SHINDE HARSHAL PRASHANT					Repeater					MALE					(2023034110015977)					MU-89: National Centre for Nanoscience and Nanotechnology																																											
E1	25+				P				17				0				F				0.0				9				0				F				0.0				29+				P				42+				P				18+				P				MARKS			
I1	26+				P				20+								P								24+				P								29+				P				42+				P				21+				P				(302)				FAILED			
TOT	51+	5	C	4	20.0	37	0	F	4	0.0	33	0	F	4	0.0	58+	6	B	4	24.0	84+	9	A+	4	36.0	39+	8	A	2	16.0	22		96.0	0.00000																																		

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(NEP 2020) EXAMINATION HELD IN DECEMBER 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														
57612 : Fundamentals of Nanomaterials (THEORY)					57622 : Experimental Methods (THEORY)					57632 : Micro-nano fabrication techniques (THEORY)					57671 : Nanomaterial synthesis techniques (PVD and CVD) (THEORY)					57694 : Industrial visits (PROJECT)					57695 : Practical Course II (PRACTICAL)					TOTAL (550) āC					RESULT āCG					REMARK āCG				
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	TOT	GP	G	C	G*C										
1282002					YASH PRASHANT RAIJADHAV										Repeater					MALE					(MU0341120241002760)										MU-89: National Centre for Nanoscience and Nanotechnology									
E1	30+		P		25+		P		19 @1		P		26+		P		46+		P		18+		P		MARKS																			
I1	32+		P		29+		P		20		P		28+		P		36+		P		17+		P		(327)					PASS														
TOT	62+	7	B+	4	28.0	54+	5	C	4	20.0	40	4	D	4	16.0	54+	5	C	4	20.0	82+	9	A+	4	36.0	35+	8	A	2	16.0	22	136.0		6.18182										

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GRADE POINT	10	9	8	7	6	5	4	0