NARULA INSTITUTE OF TECHNOLOGY

81, Nilgunj Rd, Jagarata Pally, Deshpriya Nagar, Agarpara, Kolkata, West Bengal 700109

An Autonomous Institute
Affiliated to

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(Formerly known as West Bengal University of Technology)

NH-12(OLD NH-34), HARINGHATA, SIMHAT NADIA, PIN - 741249

PROVISIONAL GRADE CARD

Examination	M.Tech HELD IN 2025				
Branch	COMPUTER SCIENCE AND ENGINEERING				
Name	PURBAYAN BHATTACHARJEE	Year	1st	Semester	1
College Roll No.	432123010006	University Registration No.	231270410004 of 2023-2024		

Paper Code	Paper Name	Type	Letter Grade	Point	Credit	Credit Points
CSM101	MATHEMATICAL FOUNDATIONS OF COMPUTER	T	C	6	4.0	24.0
CSM102	ADVANCED DATA STRUCTURES	T	D	5	4.0	20.0
CSM103A	MACHINE LEARNING	T	D	5	4.0	20.0
CSM104E	PATTERN RECOGNITION	T	C	6	4.0	24.0
CSM105	RESEARCH METHODOLOGY AND IPR	T	B	7	4.0	28.0
CSM106	OPERATIONS RESEARCH	T	D	5	4.0	20.0
CSEM192	ADVANCED DATA STRUCTURES LAB	P	E	9	3.0	27.0
CSM193A	MACHINE LEARNING LAB	P	E	9	3.0	27.0
Total					30.0	190.00

SGPA:	ODD SEMESTER - 1	6.33	CGPA:	
SGPA:	EVEN SEMESTER - 2	-		
YGPA:	Percentage of marks	-		
Result:	P			

MANDATORY ADDITIONAL REQUIREMENT (MAR)	MINIMUM SCORE REQUIRED:	OBTAINED SCORE:	STATUS

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PROVISIONAL GRADE CARD

Examination	M.Tech HELD IN 2024-25					
Branch	COMPUTER SCIENCE AND ENGINEERING					
Name	PURBAYAN BHATTACHARJEE		Year	1st	Semester	2
College Roll No.	432123010006	University Registration No.	231270410004 of 2023-2024			

Paper Code	Paper Name	Type	Letter Grade	Point	Credit	Credit Points
CSM201	ADVANCED ALGORITHMS	T	C	6	4.0	24.0
CSM202	SOFT COMPUTING	T	E	9	4.0	36.0
CSM204D	COMPUTER VISION	T	C	6	4.0	24.0
CSM205C	OPTIMIZATION TECHNIQUES	T	B	7	4.0	28.0
CSM281	MINI PROJECT WITH SEMINAR	P	E	9	3.0	27.0
CSM291	ADVANCED ALGORITHMS LAB	P	A	8	3.0	24.0
CSM292	SOFT COMPUTING LAB	P	O	10	3.0	30.0
CSM206	AUDIT COURSE - I	S	E	9	2.0	18.0
Total					27.0	211.00

SGPA:	ODD SEMESTER - 1	6.33	CGPA:	
SGPA:	EVEN SEMESTER - 2	7.81		
YGPA:	Percentage of marks	-		
Result:	P			

MANDATORY ADDITIONAL REQUIREMENT (MAR)	MINIMUM SCORE REQUIRED:		OBTAINED SCORE:		STATUS

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PROVISIONAL GRADE CARD

Examination	M.Tech HELD IN 2025					
Branch	COMPUTER SCIENCE AND ENGINEERING					
Name	PURBAYAN BHATTACHARJEE			Year 2nd	Semester	3
College Roll No.	432123010006	University Registration No.		231270410004 of 2023-2024		

Paper Code	Paper Name	Type	Letter Grade	Point	Credit	Credit Points
CSM301	AUDIT COURSE - II	M	O	10	0.0	0.0
CSM391	PROJECT PART - I	S	E	9	6.0	54.0
Total					6.0	54.00

SGPA:	ODD SEMESTER - 3	9.00	
SGPA:	EVEN SEMESTER - 4	-	CGPA:
YGPA:	Percentage of marks	-	
Result:	P		

MANDATORY ADDITIONAL REQUIREMENT (MAR)	MINIMUM SCORE REQUIRED:		OBTAINED SCORE:		STATUS	

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PROVISIONAL GRADE CARD

Examination	M.Tech HELD IN 2024-25				
Branch	COMPUTER SCIENCE AND ENGINEERING				
Name	PURBAYAN BHATTACHARJEE		**Year** 2nd	**Semester** 4	
College Roll No.	432123010006	**University Registration No.**	231270410004 of 2023-2024		

Paper Code	Paper Name	Type	Letter Grade	Point	Credit	Credit Points
CSM491	COMPREHENSIVE VIVA VOCE	S	E	9	4.0	36.0
CSM492	PROJECT PART - II	S	E	9	6.0	54.0
Total					10.0	90.00

SGPA:	ODD SEMESTER - 3	9.00	**CGPA: 7.47**	
SGPA:	EVEN SEMESTER - 4	9.00		
YGPA:	Percentage of marks	67.20		
Result:	P			

MANDATORY ADDITIONAL REQUIREMENT (MAR)	MINIMUM SCORE REQUIRED:		OBTAINED SCORE:		STATUS	

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700109

PROVISIONAL CERTIFICATE

This is to certify that **PURBAYAN BHATTACHARJEE** Reg No: **231270410004 of 2023-2024** of MAKAUT, West Bengal and Roll No: **432123010006** of **NARULA INSTITUTE OF TECHNOLOGY** has successfully completed **M.Tech COMPUTER SCIENCE AND ENGINEERING** degree in the year 2025.

CGPA :   7.47   **Result : P**

(Cumulative Grade Point Average)

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