

# MAULANA ABUL KALAM AZAD

## UNIVERSITY OF TECHNOLOGY, WEST BENGAL

(Formerly known as West Bengal University of Technology)



## GRADE CARD

For the FIRST YEAR B.Tech. (ChE) FIRST SEMESTER EXAMINATION OF 2015 - 2016

Name DEBARUN BANERJEE

Roll No. 10300615020

Registration No. 151030110368 of 2015-2016

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
HU101	ENGLISH LANGUAGE & TECHNICAL COMMUNICATION	A	8	2.0	16.0
PH101	PHYSICS-I	E	5	4.0	16.0
M101	MATHEMATICS-I	O	10	4.0	40.0
ES101	BASIC ELECTRICAL & ELECTRONIC ENGINEERING-I	A	8	4.0	32.0
ME101	ENGINEERING MECHANICS	B	7	4.0	28.0
PH191	PHYSICS-I	E	5	2.0	10.0
ES191	BASIC ELECTRICAL & ELECTRONIC ENGINEERING-I	E	5	2.0	10.0
ME192	WORKSHOP PRACTICE	O	10	2.0	20.0
HU181	LANGUAGE LABORATORY	E	5	1.0	5.0
XC181	EXTRA CURRICULAR ACTIVITIES (NSS/NCC/NSO ETC.)	O	10	1.0	10.0
				Total	27.0 237.0

SGPA ODD (1ST) SEMESTER : 8.78

DGPA

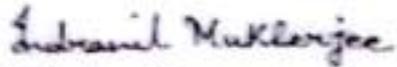
SGPA

YGPA

Result

College / Institution HALDIA INSTITUTE OF TECHNOLOGY (103)

Kolkata, The 13TH DECEMBER , 2016


  
Debarun Banerjee  
Controller of Examinations (Actg.)

**MAULANA ABUL KALAM AZAD**  
**UNIVERSITY OF TECHNOLOGY, WEST BENGAL**

(Formerly known as West Bengal University of Technology)



**GRADE CARD**

For the **FIRST YEAR B.Tech. (ChE) SECOND SEMESTER EXAMINATION OF 2015 - 2016**

Name **DEBARUN BANERJEE**

Roll No. **10300615020**

Registration No. **151030110368** of 2015-2016

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
CS201	BASIC COMPUTATION & PRINCIPLES OF COMPUTER PROGRAMMING	A	8	4.0	32.0
CH201	CHEMISTRY-I	E	9	4.0	36.0
M201	MATHEMATICS-II	A	8	4.0	32.0
ME201	ENGINEERING THERMODYNAMICS & FLUID MECHANICS	B	7	4.0	28.0
ES201	BASIC ELECTRICAL & ELECTRONIC ENGINEERING - II	A	8	4.0	32.0
CS291	BASIC COMPUTATION & PRINCIPLES OF COMPUTER PROGRAMMING LAB	E	9	2.0	18.0
CH291	CHEMISTRY-I	O	10	2.0	20.0
ES291	BASIC ELECTRICAL & ELECTRONIC ENGINEERING-II	O	10	2.0	20.0
ME291	BASIC ENGG DRAWING & COMPUTER GRAPHICS	E	9	3.0	27.0
				<b>Total</b>	<b>29.0</b> <b>245.0</b>

**SGPA ODD (1ST) SEMESTER : 8.78**

**DGPA**

**SGPA EVEN (2ND) SEMESTER : 8.45**

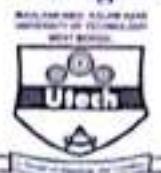
**VGPA 8.61**

**Result P**

**College / Institution HALDIA INSTITUTE OF TECHNOLOGY (103)**

*Debarun Mukherjee*  
**Controller of Examinations (Actg.)**

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



**GRADE CARD**

For the **SECOND YEAR B.Tech. (ChE) FIRST SEMESTER EXAMINATION OF 2016 - 2017**

Name **DEBARUN BANERJEE**

Roll No. **10300615020**

Registration No. **151030110368 of 2015-2016**

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
HU301	VALUES & ETHICS IN PROFESSION	A	8	3.0	24.0
CHCHE301	BASIC ENVIRONMENTAL ENGINEERING & ELEMENTARY BIOLOGY	A	8	3.0	24.0
CHCHE302	CHEMISTRY-II	A	8	4.0	32.0
CHE301	FLUID MECHANICS	E	9	4.0	36.0
CHE302	INDUSTRIAL STOICHIOMETRY	O	10	4.0	40.0
ES302	ENERGY TECHNOLOGY	E	9	3.0	27.0
ES392	ENERGY LAB.	O	10	2.0	20.0
CHCHE392	CHEMISTRY LAB-II	E	9	2.0	18.0
CHE391	FLUID MECHANICS LAB.	E	9	2.0	18.0
CHE392	INSTRUMENTAL METHOD OF ANALYSIS LAB.	A	8	2.0	16.0
				<b>Total</b>	<b>29.0</b>
					<b>255.0</b>

**SGPA ODD (3RD) SEMESTER : 8.79**

**DGPA**

**SGPA**

**YGPA**

**Result**

**College / Institution HALDIA INSTITUTE OF TECHNOLOGY (103)**

Kolkata, The 16TH MARCH , 2017

*Debarun Mukherjee*  
**Controller of Examinations (Actg.)**

**MAULANA ABUL KALAM AZAD**  
**UNIVERSITY OF TECHNOLOGY, WEST BENGAL**

(Formerly known as West Bengal University of Technology)



**GRADE CARD**

For the **SECOND YEAR B.Tech. (ChE) SECOND SEMESTER EXAMINATION OF 2016 - 2017**

Name **DEBARUN BANERJEE**

Roll No. **10300615020**

Registration No. **151030110368 of 2015-2016**

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
MCS401	NUMERICAL METHODS	A	8	2.0	16.0
M402	MATHEMATICS 2	C	6	4.0	24.0
CHE401	DATA STRUCTURE & DATABASE CONCEPT	B	7	4.0	28.0
CHE402	PROCESS HEAT TRANSFER	A	8	4.0	32.0
CHE403	MECHANICAL OPERATION	O	10	4.0	40.0
HU481	TECHNICAL REPORT WRITING & LANGUAGE LAB PRACTICE	E	9	2.0	18.0
MCS491	NUMERICAL METHODS	O	10	1.0	10.0
CHE491	DATA STRUCTURE & DBMS LAB	O	10	2.0	20.0
CHE492	HEAT TRANSFER LAB	O	10	2.0	20.0
CHE493	MECHANICAL OPERATION LAB	E	9	2.0	18.0
				<b>Total</b>	<b>27.0</b>
					<b>226.0</b>

<b>SGPA</b>	<b>ODD (3RD) SEMESTER : 8.79</b>	<b>DGPA</b>
<b>SGPA</b>	<b>EVEN (4TH) SEMESTER : 8.37</b>	
<b>YGPA</b>	<b>8.59</b>	
<b>Result</b>	<b>P</b>	
<b>College / Institution</b>	<b>HALDIA INSTITUTE OF TECHNOLOGY (103)</b>	

# MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

(Formerly known as West Bengal University of Technology)



## GRADE CARD

For the THIRD YEAR B.Tech. (CHE) FIRST SEMESTER EXAMINATION OF 2017 - 2018

Name DEBARUN BANERJEE

Roll No. 10305615929

Registration No. 151030110368 of 2015-2016

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
HU501	ECONOMICS FOR ENGINEERS	E	9	3.0	27.0
CHE501	SEPARATION PROCESS-I	O	10	4.0	40.0
CHE502	CHEMICAL REACTION ENGINEERING	O	10	4.0	40.0
CHE503	CHEMICAL PROCESS TECHNOLOGY-I	E	9	3.0	27.0
CHE504A	ELECTRICAL MACHINES	A	8	2.0	24.0
CHE591	MASS TRANSFER LABORATORY	O	10	2.0	20.0
CHE592	REACTION ENGINEERING LABORATORY	E	9	2.0	18.0
CHE593	PROCESS EQUIPMENT DESIGN & DRAWING-I LABORATORY	E	9	2.0	18.0
CHE594A	ELECTRICAL MACHINE LABORATORY	A	8	2.0	16.0
				Total	25.0 230.0

SGPA ODD (5TH) SEMESTER : 9.20

DGPA

SGPA

YGPA

Result

College / Institution HALDIA INSTITUTE OF TECHNOLOGY (103)

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



## GRADE CARD

For the THIRD YEAR B.TECH. (CHE) SECOND SEMESTER EXAMINATION OF 2017-2018

Name DEBARUN BANERJEE

Roll No. 10306615020

Registration No. 151030110368 OF 2015-2016

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
HU601	PRINCIPLES OF MANAGEMENT	E	9	2.0	18.0
CHE601	SEPARATION PROCESS - II	O	10	4.0	40.0
CHE602	CHEMICAL ENGINEERING THERMODYNAMICS	E	9	4.0	36.0
CHE603	CHEM. PROCESS TECHNOLOGY II	A	8	3.0	24.0
CHE604A	ADVANCED SEPARATION PROCESS	E	9	3.0	27.0
CHE605B	INDUSTRIAL SAFETY & HAZARD ANALYSIS	E	9	3.0	27.0
CHE691	PROCESS EQUIPMENT DESIGN & DRAWING - II LABORATORY	A	8	2.0	16.0
CHE692	FEASIBILITY ANALYSIS	E	9	2.0	18.0
CHE693A	ENVIRONMENTAL ENGINEERING LABORATORY	E	9	2.0	18.0
CHE694	SEMINAR	E	9	2.0	18.0
				Total	27.0
					242.0

SGPA	ODD (5th) SEMESTER 9.20	DGPA
SGPA	EVEN (6th) SEMESTER 8.96	
YGPA	9.08	
Result	P	

College / Institution	HALDIA INSTITUTE OF TECHNOLOGY (103)
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MAR	MANDATORY ADDITIONAL REQUIREMENT	75.0
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**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL**

(Formerly known as West Bengal University of Technology)



**GRADE CARD**

**FOURTH YEAR B.Tech. (ChE) FIRST SEMESTER EXAMINATION OF 2018-2019**

NAME : DEBARUN BANERJEE	ROLL NO. : 10300615020
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REGISTRATION NO : 151030110368 OF 2015-2016
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Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
CHE701	TRANSPORT PHENOMENA	B	7	4.0	28.0
CHE702	INSTRUMENTATION & PROCESS CONTROL	O	10	4.0	40.0
CHE703B	PETROCHEMICAL TECHNOLOGY	E	9	3.0	27.0
CHE704A	NUMERICAL METHODS IN CHEMICAL ENGINEERING	E	9	3.0	27.0
CHE705B	OPERATION RESEARCH	A	8	3.0	24.0
HU791	GROUP DISCUSSION	E	9	2.0	18.0
CHE791	PROCESS CONTROL LABORATORY	A	8	2.0	16.0
CHE792B	NUMERICAL COMPUTATION LABORATORY	E	9	2.0	18.0
CHE793B	OPERATION RESEARCH LABORATORY	E	9	2.0	18.0
CHE794	INDUSTRIAL TRAINING	A	8	2.0	16.0
CHE795	PROJECT WORK I	A	8	2.0	16.0
			<b>Total</b>	<b>29.00</b>	<b>248.00</b>

SGPA ODD. (7th) SEMESTER :8.55	
SGPA	
YGPA	
RESULT	
College / Institution HALDIA INSTITUTE OF TECHNOLOGY(103)	
MAR	Mandatory Additional Requirement 0.0

*University is not responsible for any errors in transcripts (if any)*

**N.B.**

**Incomplete as per MAKAUTWB First Regulation Part 2 Chapter 1 (ii)**

*A transitory lettergrade I ( carrying points 2 ) shall be introduced for cases where the candidate fails to appear in End Semester examination(s) and where the results are incomplete.*

Kolkata  
27TH FEBRUARY 2019

*Harin Ali*  
Controller of Examinations (O.S.D)

**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL**

(Formerly known as West Bengal University of Technology)



**GRADE CARD**

**FOURTH YEAR B.Tech. (ChE) SECOND SEMESTER EXAMINATION OF 2018-2019**

NAME : DEBARUN BANERJEE	ROLL NO. : 10300615020
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REGISTRATION NO : 151030110368 OF 2015-2016
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Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
HU801B	PROJECT MANAGEMENT	A	8	2.0	16.0
CHE801A	MODELING SIMULATION & OPTIMIZATION	A	8	4.0	32.0
CHE802A	NANOTECHNOLOGY	E	9	3.0	27.0
CHE891	PLANT DESIGN	E	9	4.0	36.0
CHE892	PROJECT WORK II	E	9	6.0	54.0
CHE893	GRAND VIVA	O	10	3.0	30.0
			<b>Total</b>	<b>22.00</b>	<b>195.00</b>

SGPA ODD (7th) SEMESTER : 8.55	DGPA				
SGPA EVEN (8th) SEMESTER : 8.86	8.77				
YGPA 8.69					
RESULT P					
College / Institution HALDIA INSTITUTE OF TECHNOLOGY(103)					
MAR	MANDATORY ADDITIONAL REQUIREMENT	Score	76.0	Status	Qualified

*University is not responsible for any errors in transcripts (if any)*

**N.B.**

**Incomplete as per MAKAUT, WB First Regulation Part 2 Chapter 1 (ii)**

*A transitory lettergrade I ( carrying points 2 ) shall be introduced for cases where the candidate fails to appear in End Semester examination(s) and where the results are incomplete.*

Kolkata  
19TH JULY 2019

  
Controller of Examinations

10300615020

MAULANA ABUL KALAM AZAD  
UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL



1911022



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

*Certified that*

**Debarun Banerjee**

bearing Regn. No.: 151030110368 of 2015-2016

*having fulfilled all the requirements has been admitted to  
the Degree of*

**Bachelor of Technology**

*in*

**Chemical Engineering**

*of this University and that the degree was conferred on him / her  
with all the rights and privileges thereto. In witness whereof the  
Signature of the Vice - Chancellor of Maulana Abul Kalam  
Azad University of Technology, West Bengal is hereunto affixed.*

**Institution Attended : HALDIA INSTITUTE OF TECHNOLOGY**

**DGPA: 8.77**

(Degree Grade Point Average)



**10300615020**

**Year of Passing: 2019**

**Dated: 12<sup>th</sup> December 2019**



*Sankut Maitra  
Vice- Chancellor*