

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



**GRADE CARD**

<b>FIRST YEAR B.Tech CSE FIRST SEMESTER EXAMINATION OF 2018-2019</b>	
<b>NAME : ARNAB SAHA SHANTO</b>	<b>ROLL NO. : 10400118237</b>
<b>REGISTRATION NO : 181040110665 OF 2018-2019</b>	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
BSPH101	Physics - I (Gr - A)	D	5	4.0	20.0
BSM101	Mathematics - I A	A	8	4.0	32.0
ESEE101	Basic Electrical Engineering	C	6	4.0	24.0
BSPH191	Physics - I Laboratory (Gr - A)	A	8	1.5	12.0
ESEE191	Basic Electrical Engineering Laboratory	D	5	1.0	5.0
ESME192	Workshop/Manufacturing Practices(Gr - A)	A	8	3.0	24.0
			<b>Total</b>	<b>17.50</b>	<b>117.00</b>

<b>SGPA ODD. (1st) SEMESTER :6.69</b>	
<b>SGPA</b>	
<b>YGPA</b>	
<b>RESULT</b>	
<b>College / Institution INSTITUTE OF ENGINEERING &amp; MANAGEMENT(104)</b>	
<b>MAR</b>	<b>Mandatory Additional Requirement</b>
	<b>Score</b>
	<b>60.0</b>


*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**  
**27TH FEBRUARY 2019**

  
**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**

<b>FIRST YEAR B.Tech CSE SECOND SEMESTER EXAMINATION OF 2018-2019</b>	
<b>NAME : ARNAB SAHA SHANTO</b>	<b>ROLL NO. : 10400118237</b>
<b>REGISTRATION NO : 181040110665 OF 2018-2019</b>	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
BSCH201	Chemistry-I (Gr-A)	C	6	4.0	24.0
BSM201	Mathematics - IIA	B	7	4.0	28.0
ESCS201	Programming for Problem Solving	C	6	3.0	18.0
HMHU201	English	A	8	2.0	16.0
BSCH291	Chemistry-I Laboratory (Gr-A)	O	10	1.5	15.0
ESCS291	Programming for Problem Solving	O	10	2.0	20.0
ESME291	Engineering Graphics & Design(Gr-A)	E	9	3.0	27.0
HMHU291	Language Laboratory	E	9	1.0	9.0
			<b>Total</b>	<b>20.50</b>	<b>157.00</b>

SGPA	ODD (1st) SEMESTER : 6.69	
SGPA	EVEN (2nd) SEMESTER : 7.66	
YGPA	7.21	
RESULT	P	
College / Institution INSTITUTE OF ENGINEERING & MANAGEMENT(104)		


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**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**  
**31ST JULY 2019**

  
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**Controller of Examinations**

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



**PROVISIONAL GRADE CARD**

<b>SECOND YEAR B.Tech CSE FIRST SEMESTER EXAMINATION OF 2019-2020</b>	
<b>NAME : ARNAB SAHA SHANTO</b>	<b>ROLL NO. : 10400118237</b>
<b>REGISTRATION NO : 181040110665 OF 2018-2019</b>	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
ESC301	Analog and Digital Electronics	C	6	3.0	18.0
PCC-CS301	Data Structure & Algorithms	A	8	3.0	24.0
PCC-CS302	Computer Organisation	C	6	3.0	18.0
BSC301	Mathematics-III (Differential Calculus)	B	7	2.0	14.0
HSMC301	Economics for Engineers (Humanities-II)	B	7	3.0	21.0
PCC-CS393	IT Workshop (Sci Lab/MATLAB/Python/R)	A	8	2.0	16.0
ES-CS391	Analog and Digital Electronics Lab	O	10	2.0	20.0
PCC-CS391	Data Structure & Algorithms Lab	A	8	2.0	16.0
PCC-CS392	Computer Organisation Lab	E	9	2.0	18.0
			<b>Total</b>	<b>22.00</b>	<b>165.00</b>

<b>SGPA ODD. (3rd) SEMESTER :7.50</b>	
<b>SGPA</b>	
<b>YGPA</b>	
<b>RESULT</b>	
<b>College / Institution INSTITUTE OF ENGINEERING &amp; MANAGEMENT(104)</b>	


*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**  
**17TH MARCH 2020**

  
**Controller of Examinations**

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



**PROVISIONAL GRADE CARD**


<b>SECOND YEAR B.Tech. (CSE) SECOND SEMESTER EXAMINATION OF 2019-20</b>	
<b>NAME : ARNAB SAHA SHANTO</b>	<b>ROLL NO. : 10400118237</b>
<b>REGISTRATION NO : 181040110665 OF 2018-2019</b>	
<b>COLLEGE / INSTITUTION: 104-INSTITUTE OF ENGINEERING &amp; MANAGEMENT</b>	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
PCC-CS401	Discrete Mathematics	E	9	4.0	36
PCC-CS402	Computer Architecture	E	9	3.0	27
PCC-CS403	Formal Language & Automata Theory	O	10	3.0	30
PCC-CS404	Design & Analysis of Algorithms	E	9	3.0	27
BSC 401	Biology	E	9	3.0	27
MC401	Environmental Sciences	O	10	1.0	10
PCC-CS 492	Computer Architecture	E	9	2.0	18
PCC-CS494	Design & Analysis of Algorithms	A	8	2.0	16
			<b>Total</b>	<b>21</b>	<b>191</b>

<b>SGPA EVEN. (4th) SEMESTER : 9.1</b>	
<b>RESULT EVEN. (4th) SEMESTER : P</b>	
<b>YGPA 8.28</b>	

*Please report of any discrepancy through college within 7 days,  
Otherwise, University will not responsible for any errors in transcripts (if any)*

Kolkata  
20-10-2020

  
Controller of Examinations

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



**PROVISIONAL GRADE CARD**

THIRD YEAR FIRST SEMESTER EXAMINATION OF 2020-21	
NAME : ARNAB SAHA SHANTO	ROLL NO. : 10400118237
REGISTRATION NO : 181040110665 OF 2018-2019	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 104-INSTITUTE OF ENGINEERING & MANAGEMENT	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
ESC501	Software Engineering	O	10	3.0	30
PCC-CS501	Compiler Design	E	9	3.0	27
PCC-CS502	Operating Systems	O	10	3.0	30
PCC-CS503	Object Oriented Programming	E	9	3.0	27
HSMC-501	Introduction to Industrial Management (Humanities III)	E	9	3.0	27
PEC-IT501B	Artificial Intelligence	O	10	3.0	30
MC-CS501 *	Constitution of India/ Essence of Indian Knowledge Tradition	Q #	0	0.0	0
ESC591	Software Engineering	E	9	2.0	18
PCC-CS592	Operating Systems	O	10	2.0	20
PCC-CS593	Object Oriented Programming	E	9	2.0	18
			<b>Total</b>	<b>24</b>	<b>227</b>


SGPA ODD. (5th) SEMESTER : 9.46	
RESULT ODD. (5th) SEMESTER : P	
YGPA	

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\* - Audit Course

# - Q - Qualified , NQ - Not Qualified

Kolkata  
15-04-2021

  
Controller of Examinations

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



**PROVISIONAL GRADE CARD**


THIRD YEAR SECOND SEMESTER EXAMINATION OF 2020-21	
NAME : ARNAB SAHA SHANTO	ROLL NO. : 10400118237
REGISTRATION NO : 181040110665 OF 2018-2019	
PROGRAM: BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING	
COLLEGE / INSTITUTION: 104-INSTITUTE OF ENGINEERING & MANAGEMENT	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
PCC-CS601	Database Management Systems	O	10	3.0	30
PCC-CS602	Computer Networks	O	10	3.0	30
PEC-IT601B	Distributed Systems	O	10	3.0	30
PEC-IT602B	Data Warehousing and Data Mining	O	10	3.0	30
OEC-IT601B	Human Resource Development and Organizational Behavior	O	10	3.0	30
PROJ-CS601	Research Methodology	E	9	3.0	27
PCC-CS691	Database Management Systems	O	10	2.0	20
PCC-CS692	Computer Networks	O	10	2.0	20
			<b>Total</b>	<b>22</b>	<b>217</b>

SGPA EVEN. (6th) SEMESTER : 9.86	
RESULT EVEN. (6th) SEMESTER : P	
YGPA 9.65	

*Please report of any discrepancy through college within 7 days,  
Otherwise, University will not responsible for any errors in transcripts (if any)*

Kolkata  
25-08-2021

  
Controller of Examinations

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



**PROVISIONAL GRADE CARD**


<b>FOURTH YEAR B.Tech. (CSE) FIRST SEMESTER EXAMINATION OF 2021-22</b>	
<b>NAME : ARNAB SAHA SHANTO</b>	<b>ROLL NO. : 10400118237</b>
<b>REGISTRATION NO : 181040110665 OF 2018-2019</b>	
<b>COLLEGE / INSTITUTION: 104-INSTITUTE OF ENGINEERING &amp; MANAGEMENT</b>	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
PEC-CS701E	Machine learning	O	10	3.0	30
PEC-CS702A	Neural Networks and Deep Learning	E	9	3.0	27
OECCS701B	Multimedia Systems	O	10	3.0	30
HSMC701	Project Management and Entrepreneurship	O	10	3.0	30
PROJ-CS781	Project-II	B	7	6.0	42
			<b>Total</b>	<b>18</b>	<b>159</b>

<b>SGPA ODD. (7th) SEMESTER : 8.83</b>	
<b>RESULT ODD. (7th) SEMESTER : P</b>	
<b>YGPA</b>	

*Please report of any discrepancy through college within 7 days,  
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Kolkata  
03-02-2022

  
Controller of Examinations

1. The table below shows the Letter Grades and their corresponding classification and percentage points

Classification	Letter Grade	Score on 100 Percentage Points	Points
Outstanding	O	100 to 90	10
Excellent	E	89 to 80	9
Very Good	A	79 to 70	8
Good	B	69 to 60	7
Fair	C	59 to 50	6
Below Average	D	49 to 40	5
Failed	F	Below 40	2
Incomplete	I	---	2

2. The method of calculation of Grade Point Average is as follows

$$\text{SGPA (Semester Grade Point Average)} = \frac{\text{Credit Index}}{\sum \text{Credits}}$$

$$\text{YGPA (Yearly Grade Point Average)} = \frac{\text{Credit Index Odd Semester} + \text{Credit Index Even Semester}}{\sum \text{Credits Odd Semester} + \sum \text{Credits Even Semester}}$$

3. For final Degree Grade Point Average (DGPA) the calculation is as under

$$\text{DGPA (For 4 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{5}$$

$$\text{DGPA (For Lateral Entry Students)} = \frac{\text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{4}$$

$$\text{DGPA (For 3 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2} + \text{YGPA3}}{3}$$

$$\text{DGPA (For 2 Year Degree Course)} = \frac{\text{YGPA 1} + \text{YGPA2}}{2}$$

$$\text{DGPA (For 1 Year Degree Course)} = \text{YGPA 1}$$

4. No Class / Percentage is awarded

<p><b>X : Not eligible for Degree</b>  <b>XP : Eligible for Promotion with Backlogs</b>  <b>P : Passed and Promoted</b></p>
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