

RELEVÉ DE NOTES ET RESULTATS

Session 1

**GHOSH Prabal**

N° Etudiant : 22306730

INE : 223378063DG

Né le : 7 septembre 1995

à : MEDINIPUR, WEST BENGAL (INDE)

inscrit en **MSc 1 Data Science & Artificial Intelligence - Year**

Notes et résultats

	Note/Barème	Pts jury	Résultat	Session	Mention	Crédits
<b>YEAR - MSc 1 DATA SCIENCE</b>	12.949 /20		Admis	S1 2023/24	AB	60
SEMESTER 1 - MSc 1 DATA SCIENCE	13.517 /20		Admis	S1 2023/24		30
Refresher	12.375 /20		Acquis	S1 2023/24		4
Statistical inference	10 /20		Acquis	S1 2023/24		6
Machine Learning	15.5 /20		Acquis	S1 2023/24		9
Programming Language	13.833 /20		Acquis	S1 2023/24		9
Workshops and vulgarization	16 /20		Acquis	S1 2023/24		2
SEMESTER 2 - MSc 1 DATA SCIENCE	12.381 /20		Admis	S1 2023/24		30
Statistical learning	12.253 /20		Acquis	S1 2023/24		9
Machine Learning	12.017 /20		Acquis	S1 2023/24		9
Personal training	12.75 /20		Acquis	S1 2023/24		12

Résultat global

<b>Résultat d'admission :</b>	<b>12.949 /20</b>	<b>Admis</b>	<b>Assez Bien</b>	<b>60</b>
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Fait à Nice, le 9 août 2024

Le Directeur des Études et de la Formation

Pour le président d'Université Côte d'Azur

Pour le président d'Université Côte d'Azur



Le Directeur des Études et de la Formation

Pascal CREMOUX

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INE : 223378063DG

Né le : 7 septembre 1995

à : MEDINIPUR, WEST BENGAL (INDE)

inscrit en **MSc 1 Data Science & Artificial Intelligence - Sem 1**

Notes et résultats

	Note/Barème	Pts jury	Résultat	Session	Crédits
<b>SEMESTER 1 - MSc 1 DATA SCIENCE</b>	13.517 /20		Admis	S1 2023/24	30
Refresher	12.375 /20		Acquis	S1 2023/24	4
Basic Probability	15 /20			S1 2023/24	
Basic Algebra for Data Analysis	10 /20			S1 2023/24	
Basic Algorithmics	8.5 /20			S1 2023/24	
Methods and tools for technical and scientific writing	16 /20			S1 2023/24	
Statistical inference	10 /20		Acquis	S1 2023/24	6
Machine Learning	15.5 /20		Acquis	S1 2023/24	9
A general introduction to Machine Learning	15 /20			S1 2023/24	
Introduction to Deep Learning	15.5 /20			S1 2023/24	
Ethical aspects of data	16 /20			S1 2023/24	
Programming Language	13.833 /20		Acquis	S1 2023/24	9
Distributed Big Data Systems	14 /20			S1 2023/24	
R programming for Data Science	15.5 /20			S1 2023/24	
Python Programming for Data Science	12 /20			S1 2023/24	
Workshops and vulgarization	16 /20		Acquis	S1 2023/24	2

Résultat global

<b>Résultat d'admission :</b>	<b>13.517 /20</b>	<b>Admis</b>	<b>30</b>
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Fait à Nice, le 22 mars 2024  
Le Directeur des Études et de la Formation

Pour le Président d'Université Côte d'Azur  
par délégation

  
27.07.2019

Le Directeur des Études et de la Formation

Pascal CREMOUX

RELEVÉ DE NOTES ET RESULTATS

Page : 1 / 1

Session 1

**GHOSH Prabal**

N° Etudiant : 22306730

INE : 223378063DG

Né le : 7 septembre 1995

à : MEDINIPUR, WEST BENGAL (INDE)

inscrit en **MSc 1 Data Science & Artificial Intelligence - Sem 2**

Notes et résultats

	Note/Barème	Pts jury	Résultat	Session	Crédits
<b>SEMESTER 2 - MSc 1 DATA SCIENCE</b>	12.381 /20		Admis	S1 2023/24	30
Statistical learning	12.253 /20		Acquis	S1 2023/24	9
Introduction to Information Theory	12.7 /20			S1 2023/24	
Model selection and resampling methods	11 /20			S1 2023/24	
Optimization for Data Science	13.06 /20			S1 2023/24	
Machine Learning	12.017 /20		Acquis	S1 2023/24	9
Web of Data	12.5 /20			S1 2023/24	
More on Learning Algorithms	11.55 /20			S1 2023/24	
More on Deep learning algorithms	12 /20			S1 2023/24	
Personal training	12.75 /20		Acquis	S1 2023/24	12
Case Studies	15 /20			S1 2023/24	
Internship	12 /20			S1 2023/24	

Résultat global

<b>Résultat d'admission :</b>	<b>12.381 /20</b>	<b>Admis</b>	<b>30</b>
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Fait à Nice, le 9 août 2024

Le Directeur des Études et de la Formation

Pour le président d'Université Côte d'Azur

par délégation



Le Directeur des Études et de la Formation

Pascal CREMOUX





# AMRITA

## VISHWA VIDYAPEETHAM

Sl. No. 21 06481

DEEMED TO BE UNIVERSITY  
Amritanagar, Coimbatore - 641 112, India.

### Transcript

AMRITA SCHOOL OF COMPUTING, AMRITAPURI

MASTER OF COMPUTER APPLICATIONS

Name: Mr. Prabal Ghosh

2020-2022

Roll No: AM.SC.P2CSC20040

Code	Subject	Cr.	Gr.	Month & Year of Passing	Code	Subject	Cr.	Gr.	Month & Year of Passing
<b>2020-2021 Odd Semester</b>					<b>2021-2022 Odd Semester</b>				
20CSA501	Object Oriented Programming Using Java	4.0	O	Dec, 2020	20CSA601	Machine Learning	4.0	O	Dec, 2021
20CSA502	Advanced Operating Systems	3.0	O	Dec, 2020	20CSA602	Software Engineering and Design Patterns	3.0	A+	Dec, 2021
20CSA503	Advanced Computer Networks	4.0	O	Dec, 2020	20CSA539	Deep Learning	3.0	O	Dec, 2021
20CSA504	Python Programming	3.0	O	Dec, 2020	20CSA547	Semantic Web	3.0	O	Dec, 2021
20CSA505	Advanced DBMS	4.0	O	Dec, 2020	20CSA534	Compiler Design	3.0	O	Dec, 2021
20MAT504	Mathematical Foundations for Computer Applications I	4.0	A	Dec, 2020	20CSA681	IoT and Cloud Lab	1.0	B+	Dec, 2021
18CUL501	Cultural Education	0.0	P	Dec, 2020	20CSA685	Natural Language Processing Lab	1.0	A+	Dec, 2021
<b>2020-2021 Even Semester</b>					20CSA698	Dissertation Phase I	4.0	A+	Dec, 2021
20CSA511	Data structures and Algorithms	4.0	A+	Jul, 2021	<b>2021-2022 Even Semester</b>				
20CSA512	Advanced Web Technologies and Mean Stack	4.0	B	Jul, 2021	20CSA699	Dissertation Phase II	12.0	A+	Jul, 2022
20CSA513	Data Mining and Applications	4.0	O	Jul, 2021					
20CSA514	Research Methodologies and Case Study	2.0	A	Jul, 2021					
20MAT514	Mathematical Foundations for Computer Applications II	3.0	A+	Jul, 2021					
20CSA541	Natural Language Processing	3.0	A+	Jul, 2021					
20CSA557	Connected Internet of Things Devices	3.0	A	Jul, 2021					
20CSA581	Data Structures and Algorithms Lab	1.0	B+	Jul, 2021					



Cumulative Credits	Cumulative Credits Earned	Cumulative Grade Points	CGPA
80.0	80.0	760.0	9.50

Medium of Instruction is English for all subjects

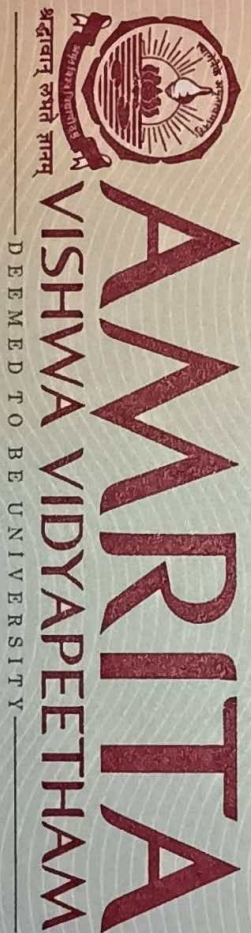
Notionally, multiplying the CGPA/SGPA, earned by the candidate by 10, may arrive at percentage of marks.

Issued on: 26/07/2022

Dy. Controller of Examinations

Controller of Examinations





J 00085

*The Board of Management of the University hereby confers the degree of*  
**Master of Computer Applications**  
*under the Faculty of Engineering*  
**on**

**Prabal Ghosh**

*in recognition of the successful completion of all the requirements for the award of the said Degree with First Class with Distinction during July 2022.*  
*Given on this day, the 20th of August 2022, under the seal of the University.*

Sri Mata Amritanandamayi Devi  
 Chancellor

Dr. K. Sankaran  
 Registrar

Date of Issue : 20th of August 2022

Dr. P. Venkat Rangan  
 Vice Chancellor

Swami Amritaswarupananda Puri  
 President





# MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

(Formerly known as West Bengal University of Technology)

Main Campus : Haringhata, Nadia, Pin-741 249, W.B, INDIA

Kolkata Campus : BF-142, Salt Lake, Sector-I, Kolkata-700 064, W.B, INDIA

Web Site : www.makautwb.ac.in

Doc. No-228798

## TRANSCRIPT AS ON 08-02-2022

Name	PRABAL GHOSH					Roll No	11700314057				
Program	BACHELOR OF TECHNOLOGY (ELECTRONICS & COMMUNICATION ENGINEERING)					Reg No	141170110239 OF 2014-2015				
Subject Code	Subjects / Courses Offered	Letter Grade	Points	Credit	Credit Points	Subject Code	Subjects / Courses Offered	Letter Grade	Points	Credit	Credit Points
HU101	ENGLISH LANGUAGE & TECHNICAL COMMUNICATION	B	7	2.0	14.0	CS201	BASIC COMPUTATION & PRINCIPLES OF COMPUTER PROGRAMMING	C	6	4.0	24.0
CH101	CHEMISTRY-I	A	8	4.0	32.0	PH201	PHYSICS-I	B	7	4.0	28.0
M101	MATHEMATICS-I	C	6	4.0	24.0	M201	MATHEMATICS-II	C	6	4.0	24.0
ME101	ENGINEERING MECHANICS	C	6	4.0	24.0	ME201	ENGINEERING THERMODYNAMICS & FLUID MECHANICS	B	7	4.0	28.0
ES101	BASIC ELECTRICAL & ELECTRONIC ENGINEERING-I	D	5	4.0	20.0	ES201	BASIC ELECTRICAL & ELECTRONIC ENGINEERING-II	B	7	4.0	28.0
CH191	CHEMISTRY-I	E	9	2.0	18.0	CS291	BASIC COMPUTATION & PRINCIPLES OF COMPUTER PROGRAMMING LAB	O	10	2.0	20.0
ES191	BASIC ELECTRICAL & ELECTRONIC ENGINEERING-I	B	7	2.0	14.0	PH291	PHYSICS-I	E	9	2.0	18.0
ME191	ENGG. DRAWING & COMPUTER GRAPHICS	A	8	3.0	24.0	ES291	BASIC ELECTRICAL & ELECTRONIC ENGINEERING-II LAB	A	8	2.0	16.0
HU181	LANGUAGE LABORATORY	E	9	1.0	9.0	ME292	WORKSHOP PRACTICE	E	9	3.0	27.0
XC181	EXTRA CURRICULAR ACTIVITIES (NSS/NCC/NSO ETC)	O	10	1.0	10.0	Total				29.0	213.0
Total				27.0	189.0	Total				29.0	213.0
PASSED 2015 SGPA1: 7.00						PASSED 2015 SGPA2: 7.34 YGPA1: 7.18					
MCS301	NUMERICAL METHODS	B	7	2.0	14.0	HU401	VALUES & ETHICS IN PROFESSION	B	7	3.0	21.0
M302	MATHEMATICS-III	C	6	4.0	24.0	PH401	PHYSICS II	B	7	4.0	28.0
EC301	CIRCUIT THEORY & NETWORKS	B	7	4.0	28.0	CH401	BASIC ENVIRONMENTAL ENGINEERING & ELEMENTARY BIOLOGY	C	6	3.0	18.0
EC302	SOLID STATE DEVICE	B	7	3.0	21.0	EC401	EM THEORY & TRANSMISSION LINES	E	9	4.0	36.0
EC303	SIGNALS & SYSTEMS	E	9	3.0	27.0	EC402	DIGITAL ELECTRONIC & INTEGRATED CIRCUITS	A	8	4.0	32.0
EC304	ANALOG ELECTRONIC CIRCUITS	E	9	4.0	36.0	HU481	TECHNICAL REPORT WRITING & LANGUAGE LAB PRACTICE	B	7	2.0	14.0
MCS391	NUMERICAL LAB.	O	10	1.0	10.0	PH491	PHYSICS II LAB	A	8	2.0	16.0
EC391	CIRCUIT THEORY & NETWORK LAB.	A	8	2.0	16.0	EC491	EM THEORY & TX LINES LAB	E	9	2.0	18.0
EC392	SOLID STATE DEVICES	E	9	2.0	18.0	EC492	DIGITAL ELECTRONIC & INTEGRATED CIRCUITS LAB	E	9	2.0	18.0
EC393	SIGNAL SYSTEM LAB.	O	10	2.0	20.0	Total				26.0	201.0
EC394	ANALOG ELECTRONICS CIRCUITS LAB.	O	10	2.0	20.0	PASSED 2016 SGPA4: 7.73 YGPA2: 7.91					
Total				29.0	234.0						
PASSED 2016 SGPA3: 8.07											
HU501	ECONOMICS FOR ENGINEERS	A	8	3.0	24.0	HU601	PRINCIPLES OF MANAGEMENT	B	7	2.0	14.0
EC501	ANALOG COMMUNICATION	C	6	4.0	24.0	EC601	DIGITAL COMMUNICATIONS	A	8	3.0	24.0
EC502	MICROPROCESSORS & MICROCONTROLLERS	A	8	4.0	32.0	EC602	DIGITAL SIGNAL PROCESSING	C	6	3.0	18.0
EC503	CONTROL SYSTEM	C	6	3.0	18.0	EC603	TELECOMMUNICATION SYSTEM	B	7	3.0	21.0
EC504B	DATA STRUCTURE & C	B	7	4.0	28.0	EC604B	INFORMATION THEORY & CODING	A	8	3.0	24.0
EC591	ANALOG COMMUNICATION	E	9	2.0	18.0	EC605A	OBJECT ORIENTED PROGRAMMING	A	8	3.0	24.0
EC592	MICROPROCESSORS & MICROCONTROLLERS	E	9	2.0	18.0	EC691	DIGITAL COMMUNICATIONS	O	10	2.0	20.0
EC593	CONTROL SYSTEM	O	10	2.0	20.0	EC692	DIGITAL SIGNAL PROCESSING	B	7	2.0	14.0
EC594B	DATA STRUCTURE & C	O	10	2.0	20.0	EC695A	OBJECT ORIENTED PROGRAMMING	O	10	2.0	20.0
Total				26.0	202.0	EC681	SEMINAR	A	8	2.0	16.0
PASSED 2017 SGPA5: 7.77						Total				25.0	195.0
						PASSED 2017 SGPA6: 7.80 YGPA3: 7.78					
EC701	WIRELESS COMMUNICATION & N/W	A	8	3.0	24.0	HU801A	ORGANISATIONAL BEHAVIOUR	A	8	2.0	16.0
EC702	MICROELECTRONICS & VLSI DESIGNS	A	8	3.0	24.0	EC801B	DIGITAL IMAGE PROCESSING	A	8	3.0	24.0
EC703A	RF & MICROWAVE ENGG	C	6	3.0	18.0	EC802B	MATERIAL SC. & ENGG (MAT. SC)	B	7	3.0	21.0
EC704A	RADAR ENGG	B	7	3.0	21.0	EC881	DESIGN LAB / INDUSTRIAL PROBLEM RELATED PRACTICAL TRAINING	O	10	4.0	40.0
EC705C	DATA BASE MANAGEMENT SYSTEM	C	6	3.0	18.0	EC882	PROJECT PART-2	O	10	6.0	60.0
HU781	GROUP DISCUSSION	A	8	2.0	16.0	EC893	GRAND VIVA	E	9	3.0	27.0
EC792	VLSI DESIGN LAB	B	7	2.0	14.0	Total				21.0	188.0
EC793A	RF & MICROWAVE ENGG. LAB	E	9	2.0	18.0	PASSED 2018 SGPA8: 8.95 YGPA4: 8.35 DGPA: 7.86					
EC795C	DATA BASE MANAGEMENT SYSTEM LAB	O	10	2.0	20.0						
EC781	INDUSTRIAL TRAINING	O	10	2.0	20.0						
EC782	PROJECT PART-I	O	10	2.0	20.0						
Total				27.0	213.0						
PASSED 2018 SGPA7: 7.89											
TOTAL CREDITS FOR THIS PROGRAM 210.0											
DEGREE AWARDED ON 31ST OCTOBER 2018											
COLLEGE/INSTITUTION : RCC INSTITUTE OF INFORMATION TECHNOLOGY											

Checked by

Controller of Examinations

Assistant Controller Of Examinations  
Maulana Abul Kalam Azad University  
Of Technology, West Bengal  
(Formerly Known as West Bengal University Of Technology)  
Haringhata, Nadia - 741249



In our B. Tech, B.E. Under Graduate Degree Courses and Post Graduate Degree Courses, the grade point average is awarded in each semester, in each year and in final Degree.

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 :

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

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

3. For final Degree Grade Point Average, the calculation is as under

$$\text{DGPA (Degree Grade Point Average)} = \frac{\text{YGPA1} + \text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{5}$$

(4 Year Degree Course Pass Out General Students)

$$\text{DGPA (Degree Grade Point Average)} = \frac{\text{YGPA2} + 1.5 * \text{YGPA3} + 1.5 * \text{YGPA4}}{4}$$

(For Pass out Lateral Entry Students)

$$\text{DGPA (Degree Grade Point Average)} = \frac{\text{YGPA1} + \text{YGPA2} + \text{YGPA3}}{3}$$

(3 Year Degree Course Pass Out Students)

$$\text{DGPA (Degree Grade Point Average)} = \frac{\text{YGPA1} + \text{YGPA2}}{2}$$

(2 Year Degree Course Pass Out Students)

$$\text{DGPA (Degree Grade Point Average)} = \text{YGPA1}$$

(1 Year Degree Course Pass Out Students)

4. No Class / Percentage is awarded :

X	:	Ineligible for Promotion
XP	:	Eligible for Promotion with Backlogs
P	:	Passed and Promoted



11700314057-1656

MAULANA ABUL KALAM AZAD  
UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL

1816457



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

*Certified that*

**PRABAL GHOSH**

**bearing Regn. No.: 141170110239 of 2014-2015**

*having fulfilled all the requirements has been admitted to*

*the Degree of*

**Bachelor of Technology**

**in**

**Electronics & Communication 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.*

**DGPA : 7.86**

**(Degree Grade Point Average)**

**Year of Passing : 2018**



*Saikat Maitra*

*Vice- Chancellor*

*Dated : 2nd November 2018*