



## UNIVERSITY OF CALCUTTA

## Grade Sheet



## B.Sc. Semester - I (Honours) Examination (Under CBCS), 2020

(Vide CSR/3/18)

Name: SINCHAN NANDY

Registration No.: 211-1111-0457-20

Roll No.: 203211-21-0071

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CMSA-CC1 (Core Course)	DIGITAL LOGIC	2020	Theoretical	50	39	4	32.160	A+	P
		2020	Practical	30	24	2	16.400		
		2020	Internal Assessment	20	18	-	-		
			Total	100	81	6	48.560		
CMSA-CC2 (Core Course)	PROGRAMMING FUNDAMENTALS USING C	2020	Theoretical	50	49	4	38.960	A++	P
		2020	Practical	30	30	2	19.800		
		2020	Internal Assessment	20	19	-	-		
			Total	100	98	6	58.760		
MTMG-GE1 (Generic Elective Course)	ALGEBRA-I, DIFFERENTIAL CALCULUS-I, DIFFERENTIAL EQUATION-I, COORDINATE GEOMETRY	2020	Theoretical	65	61	5	47.540	A++	P
		2020	Tutorial	15	15	1	10.000		
		2020	Internal Assessment	20	20	-	-		
			Total	100	96	6	57.540		
ENGM-AECC1 (Ability Enhancement Compulsory Course)	COMMUNICATIVE ENGLISH	2020	Theoretical	80	74	2	18.800	A++	P
		2020	Internal Assessment	20	20	-	-		
			Total	100	94	2	18.800		
				Grand Total	400	369	20	183.660	

Semester Grade Point Average (SGPA) : 9.183

Remarks : Semester Cleared

## Abbreviations

P : Passed in the Course, F : Failed in the Course,  
 F(TH) : Failed in Theoretical, F(PR) : Failed in Practical, F(TU) : Failed in Tutorial,  
 AB : Absent, +1 : Grace Mark, EC : Examination Cancelled,  
 ECDB1 : Debarment for 1 year, ECDB2 : Debarment for 2 year,  
 N.A. : Not Applicable

Sinchan  
Nandy

P  
Centrally

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(Acting)

0162682

Sl. No.UG-AS-SEM-020/



# UNIVERSITY OF CALCUTTA

## Grade Sheet



### B.Sc. Semester - II (Honours) Examination (Under CBCS), 2021

(Vide CSR/3/18)

Name: SINCHAN NANDY

Registration No.: 211-1111-0457-20

Roll No.: 203211-21-0071

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CMSA-CC3 (Core Course)	DATA STRUCTURE	2021	Theoretical	50	47	4	37.680	A++	P
		2021	Practical	30	28	2	18.734		
		2021	Internal Assessment	20	19	-	-		
			Total	100	94	6	56.414		
CMSA-CC4 (Core Course)	BASIC ELECTRONIC DEVICES AND CIRCUITS	2021	Theoretical	50	43	4	35.120	A+	P
		2021	Practical	30	27	2	18.200		
		2021	Internal Assessment	20	19	-	-		
			Total	100	89	6	53.320		
PHSG-GE2 (Generic Elective Course)	ELECTRICITY AND MAGNETISM	2021	Theoretical	50	44	4	35.760	A++	P
		2021	Practical	30	28	2	18.734		
		2021	Internal Assessment	20	19	-	-		
			Total	100	91	6	54.494		
ENVS-AECC2 (Ability Enhancement Compulsory Course)	ENVIRONMENTAL STUDIES	2021	Theoretical	50	47	1	9.520	A++	P
		2021	Practical	30	28	1	9.467		
		2021	Internal Assessment	20	20	-	-		
			Total	100	95	2	18.987		
				Grand Total	400	369	20	183.215	

Semester Grade Point Average (SGPA) : 9.161

Remarks : Semester Cleared

#### Abbreviations

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- AB : Absent, +1 : Grace Mark, EC : Examination Cancelled,
- ECDB1 : Debarment for 1 year, ECDB2 : Debarment for 2 year,
- N.A. : Not Applicable

*Sinchan Nandy*

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**UNIVERSITY OF CALCUTTA**  
Grade Sheet



**B.Sc. Semester - III (Honours) Examination (Under CBCS), 2021**

(Vide CSR/3/18)

5-43.

Name: SINCHAN NANDY

Registration No.: 211-1111-0457-20

Roll No.: 203211-21-0071

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CMSA-CC5 (Core Course)	COMPUTER ORGANIZATION & ARCHITECTURE	2021	Theoretical	50	42	4	34.480	A+	P
		2021	Practical	30	24	2	16.600		
		2021	Internal Assessment	20	19	-	-		
			Total	100	85	6	51.080		
CMSA-CC6 (Core Course)	COMPUTATIONAL MATHEMATICS	2021	Theoretical	50	50	4	39.200	A++	P
		2021	Practical	30	26	2	17.466		
		2021	Internal Assessment	20	18	-	-		
			Total	100	94	6	56.666		
CMSA-CC7 (Core Course)	OPERATING SYSTEMS	2021	Theoretical	50	46	4	37.440	A++	P
		2021	Practical	30	28	2	18.934		
		2021	Internal Assessment	20	20	-	-		
			Total	100	94	6	56.374		
CMSA-SEC-A2 (Skill Enhancement Course)	IoT (INTERNET OF THINGS)	2021	Theoretical	80	67	2	17.400	A+	P
		2021	Internal Assessment	20	20	-	-		
			Total	100	87	2	17.400		
MTMG-GE3 (Generic Elective Course)	MATHEMATICS-CC3/GE3	2021	Theoretical	65	60	5	46.925	A++	P
		2021	Tutorial	15	14	1	9.467		
		2021	Internal Assessment	20	20	-	-		
			Total	100	94	6	56.392		
				Grand Total	500	454	26	237.912	

Semester Grade Point Average (SGPA) : 9.150

Remarks : Semester Cleared

Abbreviations

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Sinchan Nandy

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**UNIVERSITY OF CALCUTTA**  
Grade Sheet



**B.Sc. Semester - IV (Honours) Examination (Under CBCS), 2022**

(Vide CSR/3/18)

Name: SINCHAN NANDY

Registration No.: 211-1111-0457-20

Roll No.: 203211-21-0071

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CMSA-CC8 (Core Course)	DATA COMMUNICATION NETWORKING AND INTERNET TECHNOLOGY	2022	Theoretical	50	45	4	33.200	A+	P
		2022	Practical	30	30	2	18.200		
		2022	Internal Assessment	20	11	-	-		
			Total	100	86	6	51.400		
CMSA-CC9 (Core Course)	INTRODUCTION TO ALGORITHMS & ITS APPLICATIONS	2022	Theoretical	50	44	4	36.160	A++	P
		2022	Practical	30	30	2	20.000		
		2022	Internal Assessment	20	20	-	-		
			Total	100	94	6	56.160		
CMSA-CC10 (Core Course)	MICROPROCESSOR AND ITS APPLICATIONS	2022	Theoretical	50	46	4	37.440	A++	P
		2022	Practical	30	30	2	20.000		
		2022	Internal Assessment	20	20	-	-		
			Total	100	96	6	57.440		
CMSA-SEC-B2 (Skill Enhancement Course)	E-COMMERCE	2022	Theoretical	80	62		-	A+	P
		2022	Internal Assessment	20	20	-	-		
			Total	100	82	2	16.400		
PHSG-GE4 (Generic Elective Course)	WAVE AND OPTICS	2022	Theoretical	50	32	4	27.680	A	P
		2022	Practical	30	24	2	16.400		
		2022	Internal Assessment	20	18	-	-		
			Total	100	74	6	44.080		
Grand Total				500	432	26	225.480		

Semester Grade Point Average (SGPA) : 8.672

Remarks : Semester Cleared

Abbreviations

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AB : Absent, +1 : Grace Mark, EC : Examination Cancelled, ECDB1 : Debarment for 1 year, ECDB2 : Debarment for 2 year, N.A. : Not Applicable

Sinchan Nandy

Parthasarathy

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**UNIVERSITY OF CALCUTTA**  
Grade Sheet



**B.Sc. Semester - V (Honours) Examination (Under CBCS), 2022**

(Vide CSR/3/18)

Name: SINCHAN NANDY

Registration No.: 211-1111-0457-20

Roll No.: 203211-21-0071

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status				
CMSA-CC11 (Core Course)	DATA BASE MANAGEMENT SYSTEM (DBMS)	2022	Theoretical	50	37	4	31.680	A+	P				
		2022	Practical	30	29	2	19.466						
		2022	Internal Assessment	20	20	-	-						
			Total	100	86	6	51.146						
CMSA-CC12 (Core Course)	OBJECT ORIENTED PROGRAMMING (OOPS)	2022	Theoretical	50	45	4	36.400	A++	P				
		2022	Practical	30	29	2	19.266						
		2022	Internal Assessment	20	19	-	-						
			Total	100	93	6	55.666						
CMSA-DSE-A1 (Discipline Specific Elective Course)	DIGITAL IMAGE PROCESSING	2022	Theoretical	50	46	4	37.440	A++	P				
		2022	Practical	30	28	2	18.934						
		2022	Internal Assessment	20	20	-	-						
			Total	100	94	6	56.374						
CMSA-DSE-B2 (Discipline Specific Elective Course)	PROGRAMMING USING PYTHON	2022	Theoretical	50	47	4	38.080	A++	P				
		2022	Practical	30	30	2	20.000						
		2022	Internal Assessment	20	20	-	-						
			Total	100	97	6	58.080						
Grand Total				400	370	24	221.266						
Semester Grade Point Average (SGPA) : 9.219													
Remarks : Semester Cleared													

**Abbreviations**

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ECDB1 : Debarment for 1 year, ECDB2 : Debarment for 2 year,  
N.A. : Not Applicable

Sinchan Nandy

Calcutta University  
Controller of Examinations

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(Acting)



## UNIVERSITY OF CALCUTTA

## Grade Sheet



## B.Sc. Semester - VI (Honours) Examination (Under CBCS), 2023

(Vide CSR/3/18)

Name: SINCHAN NANDY

Registration No.: 211-1111-0457-20

Roll No.: 203211-21-0071

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CMSA-CC13 (Core Course)	SOFTWARE ENGINEERING AND PROJECT DESIGN & DOCUMENTATION	2023	Theoretical	50	35	4	30.400	A+	P
		2023	Practical	30	27	2	18.400		
		2023	Internal Assessment	20	20	-	-		
			Total	100	82	6	48.800		
CMSA-CC14 (Core Course)	THEORY OF COMPUTATION & PROJECT IMPLEMENTATION AND PRESENTATION	2023	Theoretical	50	46	4	37.440	A++	P
		2023	Practical	30	29	2	19.466		
		2023	Internal Assessment	20	20	-	-		
			Total	100	95	6	56.906		
CMSA-DSE-A4 (Discipline Specific Elective Course)	MULTIMEDIA AND ITS APPLICATIONS	2023	Theoretical	50	32	4	27.280	A	P
		2023	Practical	30	27	2	17.800		
		2023	Internal Assessment	20	17	-	-		
			Total	100	76	6	45.080		
CMSA-DSE-B4 (Discipline Specific Elective Course)	ADVANCED JAVA	2023	Theoretical	50	41	4	34.240	A++	P
		2023	Practical	30	30	2	20.000		
		2023	Internal Assessment	20	20	-	-		
			Total	100	91	6	54.240		
				Grand Total	400	344	24	205.026	

Semester Grade Point Average (SGPA) : 8.543

Semester	Year	Full Marks	Marks Obtained	Semester Credit	SGPA	Cumulative Credit	CGPA	Letter Grade	Remarks
I	2020	400	369	20	9.183				
II	2021	400	369	20	9.161				
III	2021	500	454	26	9.150				
IV	2022	500	432	26	8.672				
V	2022	400	370	24	9.219				
VI	2023	400	344	24	8.543	140	8.975	A+	Excellent

Remarks : Qualified with Honours

## Abbreviations

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 N.A. : Not Applicable

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Sinchon Nandy

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