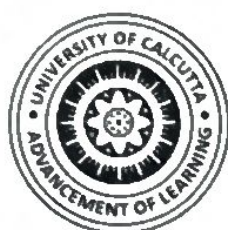


203412-22-0030

001326

University of Calcutta



This is to certify that

Shaif Ali

*obtained the degree of Bachelor of Science
(Three Year General Course) under the
Semester-wise Choice Based Credit System
Examination in the year 2023, in this
University and he obtained Grade A with
CGPA 7.579.*



Senate House,

The 25th August, 2023

Sl. No. : 0043822

Santa Datta (Se)

Vice-Chancellor.

0903252520233238



UNIVERSITY OF CALCUTTA

Grade Sheet



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

(Vide CSR/3/18)

Name: SHAIF ALI

Registration No.: 412-1115-0873-20

Roll No.: 203412-22-0030

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CEMG-CC1 (Core Course)	PAPER 1	2020	Theoretical	50	44	4	35.360	A+	P
		2020	Practical	30	25	2	16.934		
		2020	Internal Assessment	20	18	-	-		
		Total		100	87	6	52.294		
MTMG-CC1 (Core Course)	ALGEBRA-I, DIFFERENTIAL CALCULUS-I, DIFFERENTIAL EQUATION-I, COORDINATE GEOMETRY	2020	Theoretical	65	43	5	35.460	A	P
		2020	Tutorial	15	13	1	8.733		
		2020	Internal Assessment	20	18	-	-		
		Total		100	74	6	44.193		
PHSG-CC1 (Generic Elective Course)	MECHANICS	2020	Theoretical	50	23	4	21.120	B	P
		2020	Practical	30	16	2	11.734		
		2020	Internal Assessment	20	16	-	-		
		Total		100	55	6	32.854		
ENGM-AECC1 (Ability Enhancement Compulsory Course)	COMMUNICATIVE ENGLISH	2020	Theoretical	80	80	2	19.600	A++	P
		2020	Internal Assessment	20	18	-	-		
		Total		100	98	2	19.600		
Grand Total				400	314	20	148.941		

Semester Grade Point Average (SGPA) : 7.447

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

CONTROLLER OF EXAMINATIONS
(Acting)



UNIVERSITY OF CALCUTTA

Grade Sheet



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

(Vide CSR/3/18)

Name: SHAIF ALI

Registration No.: 412-1115-0873-20

Roll No.: 203412-22-0030

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CEMG-CC2 (Core Course)	PAPER 2	2021	Theoretical	50	43	4	34.720	A+	P
		2021	Practical	30	26	2	17.466		
		2021	Internal Assessment	20	18	-	-		
		Total		100	87	6	52.186		
MTMG-CC2 (Core Course)	MATHEMATICS-CC2/GE2	2021	Theoretical	65	53	5	42.115	A+	P
		2021	Tutorial	15	13	1	8.833		
		2021	Internal Assessment	20	19	-	-		
		Total		100	85	6	50.948		
PHSG-CC2 (Core Course)	ELECTRICITY AND MAGNETISM	2021	Theoretical	50	38	4	31.520	A	P
		2021	Practical	30	23	2	15.866		
		2021	Internal Assessment	20	18	-	-		
		Total		100	79	6	47.386		
ENVS-AECC2 (Ability Enhancement Compulsory Course)	ENVIRONMENTAL STUDIES	2021	Theoretical	50	45	1	9.000	A+	P
		2021	Practical	30	26	1	8.733		
		2021	Internal Assessment	20	18	-	-		
		Total		100	89	2	17.733		
Grand Total				400	340	20	168.253		

Semester Grade Point Average (SGPA) : 8.413

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

CONTROLLER OF EXAMINATIONS
(Acting)

Sl.No.UG-AS-SEM-021/ 0629544



UNIVERSITY OF CALCUTTA

Grade Sheet



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

(Vide CSR/3/18)

Name: SHAIK ALI

Registration No.: 412-1115-0873-20

Roll No.: 203412-22-0030

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CEMG-CC3 (Core Course)	PAPER 3	2021	Theoretical	50	43	4	35.520	A++	P
		2021	Practical	30	29	2	19.466		
		2021	Internal Assessment	20	20	-	-		
		Total		100	92	6	54.986		
MTMG-CC3 (Core Course)	MATHEMATICS-CC3/GE3	2021	Theoretical	65	56	5	44.460	A+	P
		2021	Tutorial	15	12	1	8.400		
		2021	Internal Assessment	20	20	-	-		
		Total		100	88	6	52.860		
PHSG-CC3 (Core Course)	THERMAL PHYSICS	2021	Theoretical	50	38	4	31.520	A+	P
		2021	Practical	30	24	2	16.400		
		2021	Internal Assessment	20	18	-	-		
		Total		100	80	6	47.920		
PHSG-SEC-A1 (Skill Enhancement Course)	SCIENTIFIC WRITING	2021	Theoretical	20	20	1	9.900	A++	P
		2021	Practical	60	51	1	8.700		
		2021	Internal Assessment	20	19	-	-		
		Total		100	90	2	18.600		
Grand Total				400	350	20	174.366		

Semester Grade Point Average (SGPA) : 8.718

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

Sl. No. UG-AS-SEM-021/ 0042973

CONTROLLER OF EXAMINATIONS
(Acting)



UNIVERSITY OF CALCUTTA

Grade Sheet



B.Sc. Semester - IV (General) Examination (Under CBCS), 2023

(Vide CSR/3/18)

Name: SHAIF ALI

Registration No.: 412-1115-0873-20

Roll No.: 203412-22-0030

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CEMG-CC4 (Core Course)	PAPER 4	2023	Theoretical	50	24	4	22.160	B+	P
		2022	Practical	30	24	2	16.200		
		2022	Internal Assessment	20	17	-	-		
		Total		100	65	6	38.360		
MTMG-CC4 (Core Course)	MATHEMATICS-CC4/GE4	2022	Theoretical	65	28	5	27.230	B+	P
		2022	Tutorial	15	13	1	8.933		
		2022	Internal Assessment	20	20	-	-		
		Total		100	61	6	36.163		
PHSG-CC4 (Core Course)	WAVE AND OPTICS	2022	Theoretical	50	22	4	20.480	B	P
		2022	Practical	30	14	2	10.666		
		2022	Internal Assessment	20	16	-	-		
		Total		100	52	6	31.146		
PHSG-SEC-B2 (Skill Enhancement Course)	ELECTRICAL CIRCUITS & NETWORK SKILL	2022	Theoretical	80	62	2	15.600	A	P
		2022	Internal Assessment	20	16	-	-		
		Total		100	78	2	15.600		
Grand Total				400	256	20	121.269		

Semester Grade Point Average (SGPA) : 6.063

Remarks : Semester Cleared

Abbreviations

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CONTROLLER OF EXAMINATIONS

(Acting)

Sl. No. UG-AS-SEM-023/

0083926



UNIVERSITY OF CALCUTTA

Grade Sheet



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

(Vide CSR/3/18)

Name: SHAIK ALI

Registration No.: 412-1115-0873-20

Roll No.: 203412-22-0030

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CEMG-DSE-A2 (Discipline Specific Elective Course)	INORGANIC MATERIALS OF INDUSTRIAL IMPORTANCE	2022	Theoretical	50	32	4	27.680	A	P
		2022	Practical	30	28	2	18.534		
		2022	Internal Assessment	20	18	-	-		
		Total		100	78	6	46.214		
MTMG-DSE-A1 (Discipline Specific Elective Course)	PARTICLE DYNAMICS	2022	Theoretical	65	43	5	36.460	A	P
		2022	Tutorial	15	11	1	7.867		
		2022	Internal Assessment	20	20	-	-		
		Total		100	74	6	44.327		
PHSG-DSE-A1 (Discipline Specific Elective Course)	ANALOG ELECTRONICS	2022	Theoretical	50	20	4	20.000	B	P
		2022	Practical	30	17	2	12.666		
		2022	Internal Assessment	20	18	-	-		
		Total		100	55	6	32.666		
MTMG-SEC-A2 (Skill Enhancement Course)	OBJECT ORIENTED PROGRAMMING IN C++	2022	Theoretical	30	35	2	11.000	B	P
							-		
		2022	Internal Assessment	20	20	-	-		
		Total		100	55	2	11.000		
Grand Total				400	262	20	134.207		

Semester Grade Point Average (SGPA) : 6.710

Remarks : Semester Cleared

Abbreviations

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

CONTROLLER OF EXAMINATIONS

(Acting)



UNIVERSITY OF CALCUTTA

Grade Sheet

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

(Vide CSR/3/18)

Name: SHAFI ALI

Registration No.: 412-1115-0873-20

Roll No.: 203412-22-0030

Course Code (Course Type)	Course Name	Year	Course Component	Full Marks	Marks Obtained	Credit	Credit Points Obtained	Grade	Status
CEMG-DSE-B1 (Discipline Specific Elective Course)	GREEN CHEMISTRY AND CHEMISTRY OF NATURAL PRODUCTS	2023	Theoretical	50	36	4	31.040	A+	P
		2023	Practical	30	30	2	20.000		
		2023	Internal Assessment	20	20	-	-		
		Total		100	86	6	51.040		
MTMG-DSE-B1 (Discipline Specific Elective Course)	ADVANCED CALCULUS	2023	Theoretical	65	44	5	36.075	A	P
		2023	Tutorial	15	12	1	8.200		
		2023	Internal Assessment	20	18	-	-		
		Total		100	74	6	44.275		
PHSG-DSE-B1 (Discipline Specific Elective Course)	DIGITAL ELECTRONICS	2023	Theoretical	50	39	4	32.560	A+	P
		2023	Practical	30	28	2	18.734		
		2023	Internal Assessment	20	19	-	-		
		Total		100	86	6	51.294		
MTMG-SEC-B2 (Skill Enhancement Course)	BOOLEAN ALGEBRA	2023	Theoretical	80	59	2	15.800	A	P
							-		
		2023	Internal Assessment	20	20	-	-		
		Total		100	79	2	15.800		
Grand Total				400	325	20	162.409		

Semester Grade Point Average (SGPA) : 8.120

Semester	Year	Full Marks	Marks Obtained	Semester Credit	SGPA	Cumulative Credit	CGPA	Letter Grade	Remarks
I	2020	400	314	20	7.447				Very Good
II	2021	400	340	20	8.413				
III	2021	400	350	20	8.718				
IV	2023	400	256	20	6.063				
V	2022	400	262	20	6.710				
VI	2023	400	325	20	8.120	120	7.579	A	

Remarks : Qualified with General

Abbreviations

P : Passed in the Course, F : Failed in the Course,
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 ECDB1 : Debarment for 1 year, ECDB2 : Debarment for 2 year,
 N.A. : Not Applicable

CONTROLLER OF EXAMINATIONS

(Acting)

Sl. No. UG-AS-SEM-023/ 0216035