INTERIM GRADE CARD

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

STATEMENT OF GRADES OBTAINED FOR THE 8 SEMESTER COURSE IN ENGINEERING/TECHNOLOGY LEADING TO THE AWARD OF

BACHELOR OF TECHNOLOGY (HONOURS)

Roll No: 21EC10064 **Name: SAPTASHWA BHATTACHARJEE** **Year of Admission : 2021-2022**

Course: B.Tech.(Hons.) in ELECTRONICS AND ELECTRICAL COMMUNICATION ENGINEERING **Year of Graduation : -**

Semester 1

Subno	Name	L-T-P	CRD	GRD
HS13003	ENGLISH FOR COMMUNICATION	2-0-2	3	EX
MA11003	ADVANCED CALCULUS	3-1-0	4	EX
BS10003	SCIENCE OF LIVING SYSTEMS	2-0-0	2	EX
CE13003	ENGINEERING DRAWING AND COMPUTER GRAPHICS	1-0-3	3	EX
CS10003	PROGAMMING AND DATA STRUCTURES	3-0-0	3	A
CS19003	PROGAMMING AND DATA STRUCTURES LABORATORY	0-0-3	2	EX
CY11003	CHEMISTRY	3-1-0	4	A
CY19003	CHEMISTRY LABORATORY	0-0-3	2	EX
EA10007	EXTRA ACADEMIC ACTIVITY-I	0-0-3	1	A

For Semester 1 SGPA: 9.67 CGPA: 9.67

Semester 2

Subno	Name	L-T-P	CRD	GRD
PH11003	PHYSICS OF WAVES	3-1-0	4	EX
PH19003	PHYSICS LABORATORY	0-0-3	2	A
DY17003	DIY PROJECT	0-0-3	2	A
EA10008	EXTRA ACADEMIC ACTIVITY-II	0-0-3	1	A
EE11003	ELECTRICAL TECHNOLOGY	3-1-0	4	EX
EN19003	ENGINEERING LABORATORY	0-0-3	2	A
EV10003	ENVIRONMENTAL SCIENCE	2-0-0	2	EX
MA11004	LINEAR ALGEBRA, NUMERICAL AND COMPLEX ANALYSIS	3-1-0	4	EX
ME11003	BASIC ENGINEERING MECHANICS	3-1-0	4	EX

For Semester 2 SGPA: 9.72 CGPA: 9.69

Semester 3

Subno	Name	L-T-P	CRD	GRD
EC29207	ANALOG CIRCUITS LABORATORY	0-0-3	2	EX
MA20205	PROBABILITY AND STATISTICS	3-0-0	3	EX
EC21207	ANALOG ELECTRONIC CIRCUITS	3-1-0	4	EX
EC29205	DEVICES LABORATORY	0-0-3	2	B
EC21203	NETWORK THEORY	3-1-0	4	A
EC29203	NETWORK THEORY LABORATORY	0-0-3	2	EX
EA10009	EXTRA ACADEMIC ACTIVITY-III	0-0-3	1	B
EC21205	SEMICONDUCTOR DEVICES	3-1-0	4	EX

For Semester 3 SGPA: 9.55 CGPA: 9.65

Semester 4

Subno	Name	L-T-P	CRD	GRD
EC21202	DIGITAL ELECTRONIC CIRCUITS	3-1-0	4	B
EC21210	SYSTEMS AND CONTROL	3-1-0	4	A
EC21204	LINEAR ALGEBRA AND OPTIMIZATION MODELS	3-1-0	4	A
EC21206	ELECTROMAGNETIC ENGINEERING	3-1-0	4	EX
EC21208	SIGNALS AND SYSTEMS	3-1-0	4	A
EA10010	EXTRA ACADEMIC ACTIVITY-IV	0-0-3	1	A
EC29202	DIGITAL CIRCUITS LABORATORY	0-0-3	2	A

For Semester 4 SGPA: 9.00 CGPA: 9.49

Semester 5

Subno	Name	L-T-P	CRD	GRD
EC39001	ANALOG COMMUNICATIONS LAB.	0-0-3	2	A
EC39201	DSP LABORATORY	0-0-3	2	EX
EC39005	MICROWAVE LABORATORY	0-0-3	2	A
EC31205	ALGORITHMS	3-1-0	4	A
EC31005	RF & MICROWAVE ENGINEERING	3-1-0	4	EX
EC31203	COMMUNICATION-I	3-1-0	4	EX
EC31201	DIGITAL SIGNAL PROCESSING- I	3-1-0	4	EX

For Semester 5 SGPA: 9.64 CGPA: 9.52

Semester 6

Subno	Name	L-T-P	CRD	GRD
EC39002	DIGITAL COMMUNICATION LABORATORY	0-0-3	2	B
EC39202	EMBEDDED SYSTEMS LABORATORY	0-0-3	2	EX
EC39004	VLSI LABORATORY	0-0-3	2	EX
EC30202	COMPUTER ARCHITECTURE	3-0-0	3	B
EC60296	MIXED SIGNAL AND RF DESIGN	3-0-0	3	B
EC31204	COMMUNICATION-II	3-1-0	4	A
EC31004	VLSI ENGG.	3-0-0	3	EX
EC31202	DIGITAL SIGNAL PROCESSING- II	3-1-0	4	EX

For Semester 6 SGPA: 9.13 CGPA: 9.45

Upto Semester 6

Total Credit Taken: 139

Total Credit Cleared: 139

CGPA: 9.45

Details of additional subjects

Subno	Name	L-T-P	CRD	Semno	GRD
TE30002	INTRODUCTION TO WIRELESS COMMUNICATIONS	2-0-0	2	5	B

Total Additional Credit Taken: 2 **Total Additional Credit Cleared: 2**

CGPA in Additional Subjects: 8.00

Date of Issue : 6 Jun 2024

Joint Registrar (Academic) / Deputy Registrar (UGS)

Signature Not Verified

Digitally signed by Santanu Das
Date: 2024.06.06 15:57:01 IST
Location: Academic Section, IIT Kharagpur

GENERAL INFORMATION

1. **Abbreviations used in the grade card stands for:**
   - **LTP = Lecture, Tutorial, Practical; figures shown under this column indicate weekly contact hours prescribed for the Subject**
   - **CRD = Credit carried by the Subject**
   - **GRD = Grade obtained by student in the Subject**
   - **CGPA = Cumulative Grade Point Average**
   - **SGPA = Semester Grade Point Average**
   - **GPA = Grade Point Average**

2. **English is the medium of instruction at all levels.**
3. **Extra Academic Activity (EAA) subjects include NCC, NSS and NSO.**
4. **The seven-point letter grade system followed by the institute in assessing student's performance in a subject is as follows:**

Performance	Letter Grade	Grade Point Value Per Credit
Excellent	EX	10
Very Good	A	9
Good	B	8
Fair	C	7
Average	D	6
Pass	P	5
Fail	F	0

5. **Highest possible CGPA in the system is 10.00. No rank or class or division is awarded. No system exists for conversion of letter grades into percentage of marks.**
6.
   - **(i) A student is awarded a B.Tech. (Hons.)/B.Arch. (Hons.)/Dual Degree – B.Tech. (Hons.) and M.Tech./ Integrated B.Sc.(Hons.) and M.Sc. / 2Yrs. M.Sc. on completion of the curriculum requirement with a minimum CGPA of 6.00.**
   - **(ii) The credits and grades obtained in additional subjects optionally taken by a student on satisfying the prescribed conditions do not contribute towards the CGPA.**
   - **(iii) The CGPA obtained by a student in additional subjects is computed separately. For the award of MINOR degree in a particular discipline, the credits and grades of the additional and other subjects that are taken into account are separately indicted along with the computed GPA.**
   - **(iv) Minimum GPA for a Minor/micro in any discipline is 6.00.**

7. **Duration of Course**
   Minimum duration of the B.Tech. (Hons.)/B.Arch (Hons.)/ Dual Degree – B.Tech. (Hons.) and M.Tech.(or MBA)/ B.Sc.(Hons.) and M.Sc. degree is given on the front cover page. However with the approval of the Senate a slow paced student may take more semesters to complete the degree requirement.

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Statement of

ACADEMIC PERFORMANCE

Four Year Programme

Bachelor of Technology (Honours)

Five Year Programme

Bachelor of Architecture (Honours)

Master of Science (Five Year Integrated Course)

Bachelor of Technology (Honours)
&
Master of Technology/MBA (Dual Degree)

Two Year Programme

Master of Science