



**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: 20EE10093

Name: RIDDHIMAN MOULICK

Year of Admission : 2020-2021

Course: B.Tech.(Hons.) in ELECTRICAL ENGINEERING

Year of Graduation : 2023-2024

**For Semester 1 SGPA: 9.20 CGPA: 9.20**

Subno	Name	L-T-P	CRD	GRD
DY17003	DIY PROJECT	0-0-3	2	A
EA10007	EXTRA ACADEMIC ACTIVITY-I	0-0-3	1	EX
EE11003	ELECTRICAL TECHNOLOGY	3-1-0	4	A
EN19003	ENGINEERING LABORATORY	0-0-3	2	A
EV10003	ENVIRONMENTAL SCIENCE	2-0-0	2	EX
MA11003	ADVANCED CALCULUS	3-1-0	4	A
ME11003	BASIC ENGINEERING MECHANICS	3-1-0	4	A
PH11003	PHYSICS OF WAVES	3-1-0	4	A
PH19003	PHYSICS LABORATORY	0-0-3	2	EX

**For Semester 2 SGPA: 9.83 CGPA: 9.51**

Subno	Name	L-T-P	CRD	GRD
BS10003	SCIENCE OF LIVING SYSTEMS	2-0-0	2	EX
CE13003	ENGINEERING DRAWING AND COMPUTER GRAPHICS	1-0-3	3	EX
CS10003	PROGRAMMING AND DATA STRUCTURES	3-0-0	3	EX
CS19003	PROGRAMMING AND DATA STRUCTURES LABORATORY	0-0-3	2	EX
CY11003	CHEMISTRY	3-1-0	4	EX
CY19003	CHEMISTRY LABORATORY	0-0-3	2	EX
EA10008	EXTRA ACADEMIC ACTIVITY-II	0-0-3	1	A
HS13003	ENGLISH FOR COMMUNICATION	2-0-2	3	A
MA11004	LINEAR ALGEBRA, NUMERICAL AND COMPLEX ANALYSIS	3-1-0	4	EX

**For Semester 3 SGPA: 9.00 CGPA: 9.34**

Subno	Name	L-T-P	CRD	GRD
EA10009	EXTRA ACADEMIC ACTIVITY-III	0-0-3	1	EX
EC21207	ANALOG ELECTRONIC CIRCUITS	3-1-0	4	EX
EC29207	ANALOG CIRCUITS LABORATORY	0-0-3	2	EX
EE21201	SIGNALS AND SYSTEMS	3-1-0	4	A
EE21203	NETWORK ANALYSIS	3-1-0	4	C
EE29201	SIGNALS AND NETWORKS LABORATORY	0-0-3	2	A
HS21201	ECONOMICS	3-1-0	4	EX
MA20205	PROBABILITY AND STATISTICS	3-0-0	3	B

**For Semester 4 SGPA: 8.45 CGPA: 9.14**

Subno	Name	L-T-P	CRD	GRD
EA10010	EXTRA ACADEMIC ACTIVITY-IV	0-0-3	1	EX
EC21202(*1)	DIGITAL ELECTRONIC CIRCUITS	3-1-0	4	B
EC29202(*1)	DIGITAL CIRCUITS LABORATORY	0-0-3	2	A
EE21202	MEASUREMENT AND ELECTRONIC INSTRUMENTS	3-1-0	4	A
EE21206	ELECTRICAL MACHINES	3-1-0	4	D
EE29202	MEASUREMENT AND ELECTRONIC INSTRUMENTS LABORATORY	0-0-3	2	A
EE29206	ELECTRICAL MACHINES LABORATORY	0-0-3	2	A
IE20202	DATA COMMUNICATION	3-0-0	3	EX

**For Semester 5 SGPA: 8.25 CGPA: 8.96**

Subno	Name	L-T-P	CRD	GRD
CS60025(*1)	ALGORITHMIC GAME THEORY	3-0-0	3	A
EE31009	CONTROL SYSTEM ENGINEERING	3-1-0	4	A
EE31011	POWER ELECTRONICS	3-1-0	4	B
EE39006	POWER ELECTRONICS LAB.	0-0-3	2	B
EE39009	CONTROL AND INSTRUMENTATION LAB.	0-0-3	2	A
EE39203	DIGITAL SIGNAL PROCESSING LABORATORY	0-0-3	2	B
EE40013	DIGITAL SIGNAL PROCESSING	3-0-0	3	C
EE41001	INDUSTRIAL INSTRUMENTATION	3-1-0	4	B

**For Semester 6 SGPA: 9.13 CGPA: 8.99**

Subno	Name	L-T-P	CRD	GRD
AI61002(#1)	DEEP LEARNING FOUNDATIONS AND APPLICATIONS	3-1-0	4	A
CS30202	DATABASE MANAGEMENT SYSTEMS	3-0-0	3	A
CS31702(*1)	COMPUTER ARCHITECTURE AND OPERATING SYSTEM	4-0-0	4	EX
EE30004	EMBEDDED SYSTEMS	3-0-0	3	EX
EE31002	POWER SYSTEMS	3-1-0	4	C
EE39002	POWER SYSTEMS LAB.	0-0-3	2	EX
EE39004	EMBEDDED SYSTEMS LAB.	0-0-3	2	EX
EE49001	CONTROL AND ELECTRONIC SYSTEM DESIGN	0-0-3	2	A

**For Semester 7 SGPA: 9.50 CGPA: 9.04**

Subno	Name	L-T-P	CRD	GRD
A160003(#1)	ARTIFICIAL INTELLIGENCE FOR ECONOMICS	3-0-0	3	A
A161005(#1)	ARTIFICIAL INTELLIGENCE: FOUNDATIONS AND APPLICATIONS	3-1-0	4	EX
EE47002	PROJECT	0-0-6	4	EX
EE48201	SUMMER INTERNSHIP	0-0-0	2	A
HS51604	GERMAN	3-0-0	3	A

**For Semester 8 SGPA: 9.47 CGPA: 9.08**

Subno	Name	L-T-P	CRD	GRD
AI42001(#1)	MACHINE LEARNING FOUNDATIONS AND APPLICATIONS	3-0-3	5	EX
CS60112	INFORMATION AND SYSTEM SECURITY	3-0-0	3	C
EE47004	PROJECT	0-0-9	6	EX
ET60006	AUDIO SYSTEMS ENGINEERING	3-0-0	3	EX

Additional subjects taken into account for earning a Minor

Subno	Name	L-T-P	CRD	Semno	GRD
CS60092	INFORMATION RETRIEVAL	3-0-0	3	4	B
CS60077	REINFORCEMENT LEARNING	3-0-0	3	7	B
CS21203	ALGORITHMS - I	3-1-0	4	7	B
CS29003	ALGORITHMS LABORATORY	0-0-3	2	8	A

**GPA in Minor: 8.6** **Minor in : COMPUTER SCIENCE AND ENGINEERING**

\*1 sign against a major curricular subject indicates that it has been taken into account for Minor

Additional subjects taken into account for earning a Micro-Specialisation

Micro-Specialisation in : ARTIFICIAL INTELLIGENCE AND APPLICATIONS GPA: 9.56

#1 sign against a major curricular subject indicates that it has been taken into account for Micro-Specialisation

Total Additional Credits Taken: 12  
GPA in Additional Subjects: 8.17

Total Additional Credits Cleared: 12

**Total Credits Taken in Major Curriculum: 176 Total Credits Cleared: 176 CGPA: 9.08**

Date of Issue: 12 July 2024

Checked by Senior Executive (Academic):

Joint Registrar (Academic):

## 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, NCA.

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

5. Highest possible CGPA in the system is 10.00. No rank or class or division is awarded. The CGPA may be multiplied by a factor of 10 to obtain the numerical percentage for those students who have graduated in 2020-2021 or earlier.

The Conversion formula to be effective for all students from the graduation year 2021-2022 is as follows:

Percentage of Marks =  $(20/7) * \{(4 * x) - 5\}$ , [where, x is CGPA]

6. (I) A student is awarded a B.Tech. (Hons.); B.Arch. (Hons.); Dual Degree for B.Tech. (Hons.) & M.Tech.; Integrated B.Sc. (Hons.) and M.Sc.; Integrated B.Sc. (Hons.) and M.Sc. & M. Tech.; 4 Yrs. B.S.; 2 Yrs. or 3 Yrs. M.Sc. on completion of the curricular 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 indicated along with the computed GPA.

(IV) Minimum GPA for a Minor in any discipline is 6.00.

7. Duration of Course

Minimum duration of the B.Tech. (Hons.); B.Arch. (Hons.); Dual Degree for B.Tech. (Hons.) & M.Tech. (or MBA); Integrated B.Sc. (Hons.) and M.Sc.; Integrated B.Sc. (Hons.) and M.Sc. & M. Tech.; B.S. 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 requirements.

## INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR



### Statement of Academic Performance

of

**RIDDHIMAN MOULICK**

**Four Year Programme in**

**BACHELOR OF TECHNOLOGY (HONOURS)**

**with Minor in**

**COMPUTER SCIENCE AND ENGINEERING**