INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

STATEMENT OF GRADES OBTAINED FOR THE **4 SEMESTER** POST GRADUATE PROGRAMME LEADING TO THE DEGREE OF

MASTER OF TECHNOLOGY (M.Tech)

Roll No: 19ES60R02   **Name: SAURABH GUPTA**   Year of Admission : 2019

Department: ENERGY SCIENCE AND ENGINEERING   Year of Passing : 2021

Specialisation: ENERGY SCIENCE AND ENGINEERING (ELECTRICAL)

Semester 1

Subno	Name	L-T-P	CRD	GRD
EE60019	SWITCHED MODE POWER CONVERSION	3-1-0	4	D
EE60023	POWER SYSTEM ANALYSIS AND OPERATION	3-1-0	4	D
EE60025	POWER QUALITY	3-0-0	3	D
ES60004	ENERGY MATERIALS	3-1-0	4	B
ES61007	RENEWABLE ENERGY SOURCES	3-1-0	4	B
ES69007	ENERGY SYSYTEMS LABORATORY - I	0-0-6	4	B
ES69009	SEMINAR - I	0-0-3	2	A

SGPA: 7.20   **CGPA: 7.20**

Semester 2

Subno	Name	L-T-P	CRD	GRD
EE60024	POWER SYSTEM DYNAMICS AND CONTROL	3-1-0	4	P
ES61002	SOLAR PHOTOVOLTAIC TECHNOLOGIES AND SYSTEMS	3-1-0	4	C
ES61008	ENERGY SYSTEMS MODELLING	3-1-0	4	C
ES68002	COMPREHENSIVE VIVA	0-0-0	2	C
ES69008	ENERGY SYSYTEMS LABORATORY - II	0-0-3	2	B
ES69010	SEMINAR - II	0-0-3	2	B
ME60234	ENERGY CONSERVATION AND WASTE HEAT RECOVERY	3-1-0	4	P
WM60010	DISASTER MANAGEMENT	3-0-0	3	B

SGPA: 6.64   **CGPA: 6.92**

Semester 3

Subno	Name	L-T-P	CRD	GRD
ES67003	PROJECT I	0-0-40	20	B

SGPA: 8.00   **CGPA: 7.23**

Semester 4

Subno	Name	L-T-P	CRD	GRD
ES67004	PROJECT II	0-0-40	20	B

SGPA: 8.00   **CGPA: 7.40**

Total Credit required for Course Completion 88-94	
Total Credit Taken: 90	**Total Credit Cleared: 90**

Date of Issue: 9 July 2021   Checked by Superintendent (Academic):   Joint Registrar (Academic):

GENERAL INFORMATION

1. **Abbreviations used in the grade card are as follows:**

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. **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

4. **Highest possible CGPA in the system is 10.00. No formula is specified for converting letter grades or CGPA into percentage of marks.**

5. **A student is eligible for the degree of MASTER OF TECHNOLOGY (M.Tech) on completion of a minimum of 88-94 credits, obtaining atleast Grade P in each subject and a CGPA of atleast 6.00 out of 10.00.**

6. **Duration of Course**

   Normal duration of the course is Four semesters. However, with the approval of the Senate a slow paced student may take more number of semesters to complete the course requirement.