INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667, INDIA

GRADE SHEET 2019-20 SESSION

SPRING SEMESTER

ENROLLMENT NO.: 18545004

NAME : DEBARGHA PAUL

CLASS: M.TECH. (MATERIALS ENGINEERING) II YEAR

SUBJECT CODE	TITLE OF SUBJECT	CREDITS	GRADE OBTAINED
MTN-701B	DISSERTATION STAGE-II	18	B+

@ Re-Examination

REGISTERED CREDIT IN SEMESTER : 18

EARNED CREDIT IN SEMESTER : 18

TOTAL EARNED CREDITS : 68

S.G.P.A. : 9.000

C.G.P.A. : 9.059

First Division with Distinction

"S"-Grade: Satisfactory performance during Covid-19 pandemic.

DATE : August 28, 2020 Prepared by..... Checked by.....

ASSISTANT REGISTRAR
(Evaluation)

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667, INDIA

GRADE SHEET 2019-20 SESSION

AUTUMN SEMESTER

ENROLLMENT NO.: 18545004

NAME : DEBARGHA PAUL

CLASS: M.TECH. (MATERIALS ENGINEERING) II YEAR

SUBJECT CODE	TITLE OF SUBJECT	CREDITS	GRADE OBTAINED
MTN-701A	DISSERTATION STAGE-I	12	B+

* Subject(s) not considered for awarding credits. @ Re-Examination

REGISTERED CREDIT IN SEMESTER : 12

EARNED CREDIT IN SEMESTER : 12

TOTAL EARNED CREDITS : 50

S.G.P.A. : 9.000

C.G.P.A. : 9.080

DATE: December 11, 2019 Prepared by..... Checked by.....

ASSISTANT REGISTRAR
(Evaluation)

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667, INDIA

GRADE SHEET 2018-19 SESSION

SPRING SEMESTER

ENROLLMENT NO.: 18545004

NAME : DEBARGHA PAUL

CLASS: M.TECH. (MATERIALS ENGINEERING) I YEAR

SUBJECT CODE	TITLE OF SUBJECT	CREDITS	GRADE OBTAINED
MTN-502	MODELLING, SIMULATION AND COMPUTER APPLICATIONS	4	B+
MTN-504	PHASE TRANSFORMATION	4	B
MTN-700	SEMINAR	2	C+
MTN-516	PRINCIPLES OF MATERIALS SELECTION	4	B+
MTN-528	TRIBOLOGY OF ENGINEERING MATERIALS	4	O

* Subject(s) not considered for awarding credits. @ Re-Examination

REGISTERED CREDIT IN SEMESTER : 18

EARNED CREDIT IN SEMESTER : 18

TOTAL EARNED CREDITS : 38

S.G.P.A. : 8.778

C.G.P.A. : 9.105

DATE : May 30, 2019 Prepared by..... Checked by..... ASSISTANT REGISTRAR (Evaluation)

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667, INDIA

GRADE SHEET 2018-19 SESSION

AUTUMN SEMESTER

ENROLLMENT NO.: 18545004

NAME : DEBARGHA PAUL

CLASS: M.TECH. (MATERIALS ENGINEERING) I YEAR

SUBJECT CODE	TITLE OF SUBJECT	CREDITS	GRADE OBTAINED
MA-501F	NUMERICAL METHODS, PROBABILITY AND STATISTICS	4	B+
MTN-501	STRUCTURE OF MATERIALS	4	B+
MTN-503	CHARACTERIZATION OF MATERIALS	4	B+
MTN-513	ENGINEERING CERAMICS	4	A
MTN-522	COMPOSITE MATERIALS	4	A

* Subject(s) not considered for awarding credits. @ Re-Examination

REGISTERED CREDIT IN SEMESTER : 20

EARNED CREDIT IN SEMESTER : 20

TOTAL EARNED CREDITS : 20

S.G.P.A. : 9.400

C.G.P.A. : 9.400

DATE : December 21, 2018 Prepared by..... Checked by.....

ASSISTANT REGISTRAR
(Evaluation)

Table 1 : Conversion of Letter Grade to Point Grade

Academic Performance	Letter Grade	Grade Points (p)
Exceptional Good / Outstanding	O	10
Excellent	A	10
Very Good	B+	9
Good	B	8
Fair	C+	7
Average	C	6
Below Average	D+	5
Marginal	D	4
Fail due to poor performance	F	0
Fail due to short attendance	FS	0
Pass in Audit Courses	AP	-
Fail in Audit Courses	AF	-
Incomplete	I	-
Continued Project	X	-
Satisfactory	S	-
Unsatisfactory	U	-

Calculation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

The Semester Grade Point Average (SGPA) is calculated as follows :

$$S.G.P.A. = \frac{\sum_{i=1}^{n} C_i \times p_i}{\sum_{i=1}^{n} C_i}$$

Where,

C_i = Number of credits of the *i* course of a semester for which SGPA is to be calculated

P_i = Grade point obtained in *i* course.

i = 1,.....n, represent the number of courses in which a student is registered in the concerned semester.

The Cumulative Grade Point Average (CGPA) is calculated as follows :

$$C.G.P.A. = \frac{\sum_{i=1}^{m} C_i \times p_i}{\sum_{i=1}^{m} C_i}$$

Where,

C_i = Number of credits of the *i* course, upto the semester for which CGPA is to be calculated. The CGPA shall be calculated taking all the subjects registered including a course in which 'F' grade is awarded till date starting from the beginning but if the student has cleared a course, in which the student had backlog, the new grade will replace the old grade while calculating CGPA.

P_i = Grade point earned in *i* course.

i = 1,.....m; represent the number of courses in which a student was registered till date.

Table 2 : Conversion of CGPA to Percentage

CGPA	Equivalent percentage of marks
$5.00 \leq CGPA \leq 9.00$	10 * CGPA + 5.00
CGPA > 9.00	95.00