

SI.No.1909275



INSTITUTE OF ENGINEERING & MANAGEMENT

Affiliated to Maulana Abul Kalam Azad University of Technology and approved by AICTE
Salt Lake Electronics Complex, Kolkata- 700091, INDIA



GRADE CARD

FOR THE FIRST YEAR B.Tech FIRST SEMESTER EXAMINATION OF 2019 - 2020

NAME: RAJDEEP GOYAL

ROLL NO.: 12019002007060

REGISTRATION NO.: 027291 of 2019-20

Subject Code	Subject Name	Letter Grade	Points	Credit	Credit Points
BS-PH101	Physics	D	5.0	4.0	20.0
BS-M102	Mathematics - I	B	7.0	4.0	28.0
ES-EE101	Basic Electrical Engineering	C	6.0	4.0	24.0
BS-PH191	Physics Laboratory	E	9.0	1.5	13.5
ES-EE191	Basic Electrical Engineering Laboratory	A	8.0	1.0	8.0
ES-ME192	Workshop/Manufacturing Practices	E	9.0	2.5	22.5
HM-HU191	English and Soft Skills I	C	6.0	1.0	6.0
ES-CS191	Programming for Problem Solving I	B	7.0	1.0	7.0
MC-ESP181	Essential Skills for Professionals I	E	9.0	2.5	22.5
			Total	21.5	151.5

SGPA (ODD) FIRST YEAR FIRST SEMESTER : 7.05

SGPA (EVEN) FIRST YEAR SECOND SEMESTER :

YGPA :

Result : P

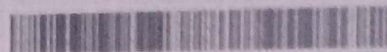
Stream : Mechanical Engineering

Kolkata, on 18-11-2020

Debika Bhattacharyya

Controller of Examinations
Institute of Engineering & Management, Kolkata





INSTITUTE OF ENGINEERING & MANAGEMENT

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GRADE CARD

FOR THE FIRST YEAR B.Tech SECOND SEMESTER EXAMINATION OF 2019 - 2020

NAME: RAJDEEP GOYAL

ROLL NO.: 12019002007060

REGISTRATION NO.: 027291 of 2019-20

Subject Code	Subject Name	Letter Grade	Points	Credit	Credit Points
BS-CH201	Chemistry	E	9.0	4.0	36.0
BS-MS201	Mathematics & Statistics - II	E	9.0	4.0	36.0
ES-CS201	Programming for Problem Solving - II	E	9.0	2.0	18.0
HM-HU201	English Communication and Public Speaking Skills II	E	9.0	2.0	18.0
ES-EC281	Basic Electronics Engineering	O	10.0	1.5	15.0
BS-CH291	Chemistry Laboratory	E	9.0	1.5	13.5
ES-ME291	Engineering Graphics & Design	O	10.0	1.5	15.0
HM-HU291	English Communication and Public Speaking Skills II Laboratory	E	9.0	1.0	9.0
ES-CS291	Programming for Problem Solving II Laboratory	E	9.0	1.0	9.0
MC-ESP281	Essential Skills for Professionals II	E	9.0	2.5	22.5
			Total	21.0	192.0

SGPA (ODD) FIRST YEAR FIRST SEMESTER : 7.05

SGPA (EVEN) FIRST YEAR SECOND SEMESTER : 9.14

YGPA : 8.08

Result : P

Stream : Mechanical Engineering

Kolkata, on 26-11-2020

Debika Bhattacharyya

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Institute of Engineering & Management, Kolkata



INSTITUTE OF ENGINEERING & MANAGEMENT

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GRADE CARD

FOR THE SECOND YEAR B.Tech FIRST SEMESTER EXAMINATION OF 2020 - 2021

NAME: RAJDEEP GOYAL

ROLL NO.: 12019002007060

REGISTRATION NO.: 027291 of 2019-20

Subject Code	Subject Name	Letter Grade	Points	Credit	Credit Points
BSCM301	Mathematics & Statistics III	E	9.0	3.0	27.0
BSCBIO301	Science of Living System	O	10.0	2.0	20.0
ESCME301	Engineering Mechanics	E	9.0	3.0	27.0
PCCME301	Basic Engineering Thermodynamics	O	10.0	3.0	30.0
PCCME302	Materials Engineering	A	8.0	3.0	24.0
HSMC302	Essential Studies for Professionals - III	E	9.0	2.0	18.0
MC301	Environmental Science	A	8.0	0.0	0.0
PCCME391	Practices of Manufacturing Processes - I	O	10.0	1.5	15.0
PCCME392	Material Testing Lab	E	9.0	1.5	13.5
OEC381	Data Structure and Algorithm Lab	E	9.0	2.0	18.0
PROJME381	CAD Based (Project - I)	E	9.0	1.0	9.0
HSMC382	Skill Development for Professional - III	O	10.0	1.0	10.0
MOOCs321	MOOCs - I	C	6.0	2.0	12.0
MOOCs322	MOOCs - II	C	6.0	2.0	12.0
			Total	27.0	235.5

Subject Code	Subject Name	Score
MAR381	Mandatory Additional Requirements (MAR)	40.00

SGPA (ODD) SECOND YEAR FIRST SEMESTER : 8.72

SGPA (EVEN) SECOND YEAR SECOND SEMESTER :

YGPA :

Result : P

Stream : Mechanical Engineering

Kolkata, on 03-09-2021

Debika Bhattacharyya

Controller of Examinations
Institute of Engineering & Management, Kolkata

SI.No:2128899



INSTITUTE OF ENGINEERING & MANAGEMENT

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GRADE CARD

FOR THE SECOND YEAR B.Tech SECOND SEMESTER EXAMINATION OF 2020 - 2021

NAME: RAJDEEP GOYAL

ROLL NO.: 12019002007060

REGISTRATION NO.: 027291 of 2019-20

Subject Code	Subject Name	Letter Grade	Points	Credit	Credit Points
BSC(ME)201	Physics II (Optics & Waves)	O	10.0	4.0	40.0
BSC(ME)202	Mathematics IV	E	9.0	3.0	27.0
ESC(ME)201	Basic Electronics Engineering	O	10.0	4.0	40.0
HSMC402	Essential Studies for Professionals - IV	E	9.0	2.0	18.0
PCCME201	Applied Thermodynamics	O	10.0	4.0	40.0
PCCME202	Fluid Mechanics & Fluid Machines	E	9.0	4.0	36.0
PCCME203	Strength of Materials	O	10.0	4.0	40.0
PCCME204	Instrumentation & Control	O	10.0	4.0	40.0
PCCME291	Machine Drawing I	E	9.0	1.5	13.5
HSMC482	Skill Development for Professionals - IV	O	10.0	1.0	10.0
MOOCs(ME)421	MOOCs - III	O	10.0	2.0	20.0
MOOCs(ME)422	Object Oriented Programming & Java (MOOCs - IV)	O	10.0	2.0	20.0
			Total	35.5	344.5

Subject Code	Subject Name	Score
MAR481	Mandatory Additional Requirements (MAR)	40.00

SGPA (ODD) SECOND YEAR FIRST SEMESTER : 8.72

SGPA (EVEN) SECOND YEAR SECOND SEMESTER : 9.70

YGPA : 9.28

Result : P

Stream : Mechanical Engineering

Kolkata, on 22-10-2021

Debika Bhattacharyya

Controller of Examinations
Institute of Engineering & Management, Kolkata



SI.No:2144594



INSTITUTE OF ENGINEERING & MANAGEMENT

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GRADE CARD

FOR THE THIRD YEAR B.Tech FIRST SEMESTER EXAMINATION OF 2021 - 2022

NAME: RAJDEEP GOYAL

ROLL NO.: 12019002007060

REGISTRATION NO.: 027291 of 2019-20

Subject Code	Subject Name	Letter Grade	Points	Credit	Credit Points
PCCME301	Heat Transfer	O	10.0	4.0	40.0
PCCME302	Solid Mechanics	E	9.0	4.0	36.0
PCCME304	Kinematics & Theory of Machines	E	9.0	4.0	36.0
HSMC301(OELI)	Humanities-I (Operation Research)	E	9.0	3.0	27.0
HSMC502	Essential Studies for Professionals - V	O	10.0	2.0	20.0
MCIII	Essence of Indian Knowledge Tradition	O	10.0	0.0	0.0
HSMC582	Skill Development for Professionals - V	E	9.0	1.0	9.0
PCCME391	Mechanical Engineering Laboratory - I (Thermodynamics, Heat transfer & Fluid)	E	9.0	1.5	13.5
PCCME392	Machine Drawing - II	A	8.0	1.5	12.0
PROJME381	Project-III (Summer Internship)	E	9.0	1.0	9.0
MOOCs(ME)521	MOOCs-V	O	10.0	2.0	20.0
MOOCs(ME)522	MOOCs-VI	O	10.0	2.0	20.0
			Total	26.0	242.5

Subject Code	Subject Name	Credit/Score
MAR581	Mandatory Additional Requirements (MAR)	7.00
SGPA (ODD) THIRD YEAR FIRST SEMESTER : 9.33		
SGPA (EVEN) THIRD YEAR SECOND SEMESTER :		
YGPA :		
Result : P		
Stream : Mechanical Engineering		
Kolkata, on 28-04-2022		
		<p><i>Debika Bhattacharyya</i> Controller of Examinations Institute of Engineering & Management, Kolkata</p>

SI.No 2209993



INSTITUTE OF ENGINEERING & MANAGEMENT

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GRADE CARD

FOR THE THIRD YEAR B.Tech SECOND SEMESTER EXAMINATION OF 2021 - 2022

NAME: RAJDEEP GOYAL

ROLL NO.: 12019002007060

REGISTRATION NO.: 027291 of 2019-20

Subject Code	Subject Name	Letter Grade	Points	Credit	Credit Points
PCCME307	Manufacturing Technology	A	8.0	4.0	32.0
PCCME308	Design of Machine Elements	A	8.0	4.0	32.0
OEC302	Open Elective-II (Humanities)	A	8.0	3.0	24.0
PECMEL321	Elective - I	B	7.0	3.0	21.0
PECMEL322	Elective-II	A	8.0	3.0	24.0
MCIV	Constitution of India	E	9.0	0.0	0.0
HSMC(ME)602	Essential Studies for Professionals - VI	B	7.0	2.0	14.0
HSMC682	Skill Development for Professionals - VI	A	8.0	1.0	8.0
PCCME393	Mechanical Engineering Laboratory II (Design)	E	9.0	1.5	13.5
PCCME394	Mechanical Engineering Laboratory III (Thermal) (Refrigeration, Air conditioning & IC Engine)	E	9.0	1.0	9.0
PROJME382	Project-IV (Minor)	A	8.0	2.0	16.0
			Total	24.5	193.5

Subject Code	Subject Name	Credit/Score/Count
MOOCs	Massive Open Online Course	14.00(Credit)
IFC	Industry and Foreign Certification	1.00(Count)
MAR681	Mandatory Additional Requirement (MAR)	8.00(Score)

SGPA (ODD) THIRD YEAR FIRST SEMESTER : 9.33

SGPA (EVEN) THIRD YEAR SECOND SEMESTER : 7.90

YGPA : 8.63

Result : P

Stream : Mechanical Engineering

Kolkata, on 08-09-2022

Debika Bhattacharyya

Controller of Examinations
Institute of Engineering & Management, Kolkata





INSTITUTE OF ENGINEERING & MANAGEMENT

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GRADE CARD

FOR THE FOURTH YEAR B.Tech FIRST SEMESTER EXAMINATION OF 2022 - 2023

NAME: RAJDEEP GOYAL

ROLL NO.: 12019002007960

REGISTRATION NO.: 027291 of 2019-20

Subject Code	Subject Name	Letter Grade	Points	Credit	Credit Points
OEC401B	Non-conventional Energy Sources	E	9.0	3.0	27.0
PCCME401	Automation in Manufacturing	E	9.0	3.0	27.0
PECMEL421A	Internal Combustion Engine & gas Turbine	A	8.0	3.0	24.0
PECMEL422B	Composite Materials	A	8.0	3.0	24.0
HSMC401	Economics for Engineers	A	8.0	0.0	0.0
HSMC(ME)702	Essential Studies For Professionals(ME)-VII	E	9.0	2.0	18.0
HSMC782	Skill Development For Professionals-VII	B	7.0	1.0	7.0
PCCME491	Mechanical Engineering Lab IV (Manufacturing)	E	9.0	1.5	13.5
PROJME481	Project-V	A	8.0	4.0	32.0
			Total	20.5	172.5

Subject Code	Subject Name	Credit/Score/Count
MOOCs	Massive Open Online Course	14.00(Credit)
MAR	Mandatory Additional Requirements (MAR)	4.00(Score)
IFC	Industry and Foreign Certification	21.00(Count)

SGPA (ODD) FOURTH YEAR FIRST SEMESTER : 8.41

SGPA (EVEN) FOURTH YEAR SECOND SEMESTER :

YGPA :

Result : P

Stream : Mechanical Engineering

Kolkata, on 10-04-2023

Debika Bhattacharyya

Controller of Examinations
Institute of Engineering & Management, Kolkata

Sl.No 2301344



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GRADE CARD

FOR THE FOURTH YEAR B.Tech SECOND SEMESTER EXAMINATION OF 2022 - 2023

NAME: RAJDEEP GOYAL

ROLL NO.: 12019002007060

REGISTRATION NO.: 027291 of 2019-20

Subject Code	Subject Name	Letter Grade	Points	Credit	Credit Points
OEC402C	Quality & Reliability Engineering	E	9.0	3.0	27.0
OEC403A	Additive Manufacturing	E	9.0	3.0	27.0
PECMEL431A	Automobile Engineering	E	9.0	3.0	27.0
PECMEL432B	Advanced Welding technology	E	9.0	3.0	27.0
HSMC802	Essential Studies for Professionals - VIII	E	9.0	2.0	18.0
HSMC882	Skill Development for Professionals - VIII	E	9.0	1.0	9.0
PROJGVME482	Comprehensive Viva	E	9.0	1.0	9.0
PROJME482	Project-VI	O	10.0	4.0	40.0
			Total	20.0	184.0

Subject Code	Subject Name	Credit/Score/Count
MOOCs	Massive Open Online Course	22.00(Credit)
MAR	Mandatory Additional Requirements (MAR)	8.00(Score)
IFC	Industry and Foreign Certification	21.00(Count)

SGPA (ODD) FOURTH YEAR FIRST SEMESTER : 8.41

DGPA

SGPA (EVEN) FOURTH YEAR SECOND SEMESTER : 9.20

YGPA : 8.80

8.70

Result : P

Stream : Mechanical Engineering

Kolkata, on 11-07-2023

Debika Bhattacharyya

Controller of Examinations
Institute of Engineering & Management, Kolkata



Maulana Abul Kalam Azad University of Technology, West Bengal

Degree Certificate



This is to certify that

RAJDEEP GOYAL

of

**INSTITUTE OF ENGINEERING & MANAGEMENT (AN AUTONOMOUS
INSTITUTION)**

was awarded the degree

of

BACHELOR OF TECHNOLOGY

in

MECHANICAL ENGINEERING

with **DGPA 8.7**

for the academic year(s) **2019-2023**.

Dated : **08/07/2023**



Digitally signed on
Date : 22/11/2024 12:22:13 IST

Note:-

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