



# BIRLA INSTITUTE OF TECHNOLOGY

MESRA - 835215, RANCHI, INDIA

## GRADE REPORT SESSION : 2021-2022 (SPRING 2022)

ROLL NO. : BTECH/10091/20  
NAME : VISHAL SHARMA  
PROGRAMME : BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION)  
SEMESTER : FOURTH

COURSE CODE	COURSE	CREDIT(S)	GRADE	CREDIT POINTS
MA203	NUMERICAL METHODS	2.00	A	18.00
CE101	ENVIRONMENTAL SCIENCE	2.00	B	16.00
EC251	PROBABILITY AND RANDOM PROCESSES	3.00	A	27.00
EC253	ANALOG CIRCUITS	3.00	A	27.00
EC257	ELECTROMAGNETIC FIELDS AND WAVES	3.00	A	27.00
MA204	NUMERICAL METHODS LAB	1.00	B	8.00
IT202	BASIC IT WORKSHOP	1.00	A	9.00
EC254	ANALOG CIRCUITS LAB	1.50	A	13.50
MC206	NSS	1.00	B	8.00
MT131	UNDERSTANDING HARMONY	3.00	B	24.00
PE211	ENGINEERING ECONOMY	3.00	B	24.00
EC208	ELECTRONICS MEASUREMENT LAB	1.50	A	13.50

Total Credit Points : 215.00    Total Credits Earned : 25.00    Total Credits Registered : 25.00    S.G.P.A : 8.60

### Special Remarks (If Any) :

Examination held in : Apr-2022

Result Published on : May-2022

Tabulator

Checked By

Controller of Examination

### Notes :

- Full marks for one course = 100
- |                      |                        |                    |                       |
|----------------------|------------------------|--------------------|-----------------------|
| Grade A+ (90 to 100) | : 10.00 pts per credit | Grade A (80 to 89) | : 9.00 pts per credit |
| Grade B (70 to 79)   | : 8.00 pts per credit  | Grade C (60 to 69) | : 7.00 pts per credit |
| Grade D (50 to 59)   | : 6.00 pts per credit  | Grade E (40 to 49) | : 5.00 pts per credit |
| Grade F (0 to 39)    | : 0.00 pts per credit  |                    |                       |
- To earn academic credits in a course a student should get a grading of 'E' or above.
- F Grade is awarded in case of shortage of attendance or earning of 0.00 credit points, or absence in the Semester End Examination.
- Medium of instruction and examination is English.
- For Minor/Specialization the student has to clear 20 credits however, the earn credit will not be added to CGPA.



# BIRLA INSTITUTE OF TECHNOLOGY

MESRA - 835215, RANCHI, INDIA

## GRADE REPORT SESSION : 2020-2021 (MONSOON 2020)

ROLL NO. : BTECH/10091/20  
NAME : VISHAL SHARMA  
PROGRAMME : BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION)  
SEMESTER : FIRST

COURSE CODE	COURSE	CREDIT(S)	GRADE	CREDIT POINTS
CH101	CHEMISTRY	4.00	A+	40.00
CH102	CHEMISTRY LAB	1.50	A+	15.00
EC101	BASICS OF ELECTRONICS & COMMUNICATION ENGINEERING	4.00	A	36.00
EC102	ELECTRONICS & COMM. LAB	1.50	A	13.50
MA103	MATHEMATICS - I	4.00	A	36.00
ME101	BASICS OF MECHANICAL ENGINEERING	4.00	A+	40.00
ME102	ENGINEERING GRAPHICS	2.00	A	18.00
MC102	NSS	1.00	A+	10.00

Total Credit Points : 208.50    Total Credits Earned : 22.00    Total Credits Registered : 22.00    S.G.P.A : 9.48

### Special Remarks (If Any) :

Examination held in : Nov-2020

Result Published on : June-2021

Tabulator

Checked By

Controller of Examination

### Notes :

- Full marks for one course = 100
- |                      |                        |                    |                       |
|----------------------|------------------------|--------------------|-----------------------|
| Grade A+ (90 to 100) | : 10.00 pts per credit | Grade A (80 to 89) | : 9.00 pts per credit |
| Grade B (70 to 79)   | : 8.00 pts per credit  | Grade C (60 to 69) | : 7.00 pts per credit |
| Grade D (50 to 59)   | : 6.00 pts per credit  | Grade E (40 to 49) | : 5.00 pts per credit |
| Grade F (0 to 39)    | : 0.00 pts per credit  |                    |                       |
- To earn academic credits in a course a student should get a grading of 'E' or above.
- F Grade is awarded in case of shortage of attendance or earning of 0.00 credit points, or absence in the Semester End Examination.
- Medium of instruction and examination is English.





# BIRLA INSTITUTE OF TECHNOLOGY

MESRA - 835215, RANCHI, INDIA

GRADE REPORT  
SESSION : 2021-2022 (MONSOON 2021)

ROLL NO. : BTECH/10091/20  
NAME : VISHAL SHARMA  
PROGRAMME : BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION)  
SEMESTER : THIRD


COURSE CODE	COURSE	CREDIT(S)	GRADE	CREDIT POINTS
BE101	BIOLOGICAL SCIENCE FOR ENGINEERS	2.00	A	18.00
IT201	BASICS OF INTELLIGENT COMPUTING	3.00	B	24.00
EC201	ELECTRONIC DEVICES	3.00	A	27.00
EC205	SIGNALS AND SYSTEMS	3.00	B	24.00
EE102	ELECTRICAL ENGINEERING LAB	1.50	C	10.50
EC202	ELECTRONIC DEVICES LAB	1.50	A	13.50
EC204	DIGITAL SYSTEM DESIGN LAB	1.50	A	13.50
MC202	NSS	1.00	A+	10.00
EC203	DIGITAL SYSTEM DESIGN	3.00	A+	30.00
EC207	ELECTRONIC MEASUREMENTS	3.00	A+	30.00
EC209	NETWORK THEORY	3.00	A	27.00

Total Credit Points : 227.50    Total Credits Earned : 25.50    Total Credits Registered : 25.50    S.G.P.A : 8.92

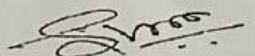
## Special Remarks (If Any) :

Examination held in : Nov-2021

Result Published on : December-2021

  
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Controller of Examination

## Notes :

- Full marks for one course = 100
- |                      |                        |                    |                       |
|----------------------|------------------------|--------------------|-----------------------|
| Grade A+ (90 to 100) | : 10.00 pts per credit | Grade A (80 to 89) | : 9.00 pts per credit |
| Grade B (70 to 79)   | : 8.00 pts per credit  | Grade C (60 to 69) | : 7.00 pts per credit |
| Grade D (50 to 59)   | : 6.00 pts per credit  | Grade E (40 to 49) | : 5.00 pts per credit |
| Grade F (0 to 39)    | : 0.00 pts per credit  |                    |                       |
- To earn academic credits in a course a student should get a grading of 'E' or above.
- F Grade is awarded in case of shortage of attendance or earning of 0.00 credit points, or absence in the Semester End Examination.
- Medium of instruction and examination is English.
- For Minor/Specialization the student has to clear 20 credits however, the earn credit will not be added to CGPA.



# BIRLA INSTITUTE OF TECHNOLOGY

MESRA - 835215, RANCHI, INDIA

## GRADE REPORT SESSION : 2020-2021 (SPRING 2021)

ROLL NO. : BTECH/10091/20  
NAME : VISHAL SHARMA  
PROGRAMME : BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION)  
SEMESTER : SECOND

COURSE CODE	COURSE	CREDIT(S)	GRADE	CREDIT POINTS
PH113	PHYSICS	4.00	A	36.00
EE101	BASICS OF ELECTRICAL ENGINEERING	4.00	A	36.00
CS101	PROGRAMMING FOR PROBLEM SOLVING	4.00	B	32.00
CS102	PROGRAMMING FOR PROBLEM SOLVING LAB	1.50	A	13.50
PH114	PHYSICS LAB	1.50	A	13.50
PE101	WORKSHOP PRACTICE	1.50	A	13.50
MA107	MATHEMATICS - II	4.00	A	36.00
MC106	NSS	1.00	A	9.00


Total Credit Points : 189.50    Total Credits Earned : 21.50    Total Credits Registered : 21.50    S.G.P.A : 8.81

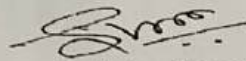
### Special Remarks (If Any) :

Examination held in : Apr-2021

Result Published on : July-2021

  
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Controller of Examination

### Notes :

- Full marks for one course = 100
- |                      |                        |                    |                       |
|----------------------|------------------------|--------------------|-----------------------|
| Grade A+ (90 to 100) | : 10.00 pts per credit | Grade A (80 to 89) | : 9.00 pts per credit |
| Grade B (70 to 79)   | : 8.00 pts per credit  | Grade C (60 to 69) | : 7.00 pts per credit |
| Grade D (50 to 59)   | : 6.00 pts per credit  | Grade E (40 to 49) | : 5.00 pts per credit |
| Grade F (0 to 39)    | : 0.00 pts per credit  |                    |                       |
- To earn academic credits in a course a student should get a grading of 'E' or above.
- F Grade is awarded in case of shortage of attendance or earning of 0.00 credit points, or absence in the Semester End Examination.
- Medium of instruction and examination is English.
- For Minor/Specialization the student has to clear 20 credits however, the earn credit will not be added to CGPA.





# BIRLA INSTITUTE OF TECHNOLOGY

MESRA - 835215, RANCHI, INDIA

Cert. No. : GC1004030

## GRADE REPORT

SESSION : 2023-2024 (MO 2023)

ROLL NO. : BTECH/10091/20  
NAME : VISHAL SHARMA  
PROGRAMME : BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION ENGINEERING)  
SEMESTER : SEVENTH

COURSE CODE	COURSE	CREDIT(S)	GRADE	CREDIT POINTS
CE430	ENVIRONMENTAL MANAGEMENT	3.00	B	24.0
EC400M	MINOR PROJECT	3.00	A	27.0
EC401R1	MICROWAVE THEORY AND TECHNIQUES	3.00	D	18.0
EC402	MICROWAVE LAB	1.50	A	13.5
EC404	ADVANCED COMMUNICATION LAB	1.50	B	12.0
EC406	INDUSTRIAL AUTOMATION LAB	1.50	B	12.0
EC407	COMPUTER NETWORKING	3.00	D	18.0
EC415	NEURAL NETWORKS AND FUZZY SYSTEM	3.00	B	24.0
EC421	REAL TIME EMBEDDED SYSTEM	3.00	B	24.0

Total Credit Points : 172.5    Total Credit Earned : 22.5    Total Credit Registered : 22.5    S.G.P.A : 7.67

Examination Held in : November-2023

Result Published on : January-2024

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Controller of Examinations

### Notes :

- (1) Full marks for one course = 100
- (2) Grade A+ (90 to 100) : 10.00 pts per credit    Grade A (80 to 89) : 9.00 pts per credit  
Grade B (70 to 79) : 8.00 pts per credit    Grade C (60 to 69) : 7.00 pts per credit  
Grade D (50 to 59) : 6.00 pts per credit    Grade E (40 to 49) : 5.00 pts per credit  
Grade F (0 to 39) : 0.00 pts per credit
- (3) To earn academic credits in a course a student should get a grading of E or above.
- (4) F Grade is awarded in case of shortage of attendance or earning of 0.00 credit points, or absence in the Semester End Examination.
- (5) The medium of instruction and examination is English.
- (6) For Minor/Specialization, the student has to clear 20 credits. However, the earned credit will not be added to CGPA.



# BIRLA INSTITUTE OF TECHNOLOGY

MESRA - 835215, RANCHI, INDIA

Cert. No. : GC5201568

## GRADE REPORT SESSION : 2022-2023 (MONSOON 2022)

ROLL NO. : BTECH/10091/20  
NAME : VISHAL SHARMA  
PROGRAMME : BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION)  
SEMESTER : FIFTH


COURSE CODE	COURSE	CREDIT(S)	GRADE	CREDIT POINTS
EC303	MICROPROCESSORS AND MICROCONTROLLERS	3.00	E	15.00
EC304	MICROPROCESSORS AND MICROCONTROLLERS LAB	1.50	C	10.50
EC305	SIGNAL PROCESSING TECHNIQUES	3.00	B	24.00
EC306	SIGNAL PROCESSING LAB	1.50	B	12.00
EC319	VLSI SYSTEMS	3.00	C	21.00
EC320	VLSI SYSTEMS LAB	1.50	C	10.50
CS275	FUNDAMENTAL OF DATA STRUCTURES	3.00	A	27.00
EC301R	ANALOG COMMUNICATION	3.00	C	21.00
EC307R	CONTROL SYSTEMS	3.00	C	21.00

Total Credit Points : 162.00    Total Credits Earned : 22.50    Total Credits Registered : 22.50    S.G.P.A : 7.20

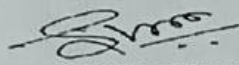
### Special Remarks (If Any) :

Examination held in : Nov-2022

Result Published on : December-2022

  
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Controller of Examination

### Notes :

- Full marks for one course = 100
- |                      |                        |                    |                       |
|----------------------|------------------------|--------------------|-----------------------|
| Grade A+ (90 to 100) | : 10.00 pts per credit | Grade A (80 to 89) | : 9.00 pts per credit |
| Grade B (70 to 79)   | : 8.00 pts per credit  | Grade C (60 to 69) | : 7.00 pts per credit |
| Grade D (50 to 59)   | : 6.00 pts per credit  | Grade E (40 to 49) | : 5.00 pts per credit |
| Grade F (0 to 39)    | : 0.00 pts per credit  |                    |                       |
- To earn academic credits in a course a student should get a grading of 'E' or above.
- F Grade is awarded in case of shortage of attendance or earning of 0.00 credit points, or absence in the Semester End Examination.
- Medium of instruction and examination is English.
- For Minor/Specialization the student has to clear 20 credits however, the earn credit will not be added to CGPA.





# BIRLA INSTITUTE OF TECHNOLOGY

MESRA - 835215, RANCHI, INDIA

Cert. No. : GC5502968

## GRADE REPORT SESSION : 2022-2023 (SPRING 2023)

ROLL NO. : BTECH/10091/20  
NAME : VISHAL SHARMA  
PROGRAMME : BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION)  
SEMESTER : SIXTH

COURSE CODE	COURSE	CREDIT(S)	GRADE	CREDIT POINTS
MT123	BUSINESS COMMUNICATIONS	3.00	B	24.00
MT204	CONSTITUTION OF INDIA (NON CREDIT)	0.00	B	0.00
EC352	FIBER OPTIC COMMUNICATION LAB	1.50	A	13.50
MC300R1	SUMMER INTERNSHIP	2.00	B	16.00
PE332	OPERATION RESEARCH WITH PYTHON	3.00	C	21.00
EC351N	DATA COMMUNICATION	3.00	C	21.00
EC353N	DIGITAL COMMUNICATION	3.00	D	18.00
EC354N	COMMUNICATION SYSTEM LAB	1.50	B	12.00
EC357N	INTRODUCTION TO INDUSTRIAL INSTRUMENTATION	3.00	A	27.00

Total Credit Points : 152.50    Total Credits Earned : 20.00    Total Credits Registered : 20.00    S.G.P.A : 7.63

### Special Remarks (If Any) :

Examination held in : Apr-2023

Result Published on : May-2023

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Controller of Examination

### Notes :

- Full marks for one course = 100
- |                      |                        |                    |                       |
|----------------------|------------------------|--------------------|-----------------------|
| Grade A+ (90 to 100) | : 10.00 pts per credit | Grade A (80 to 89) | : 9.00 pts per credit |
| Grade B (70 to 79)   | : 8.00 pts per credit  | Grade C (60 to 69) | : 7.00 pts per credit |
| Grade D (50 to 59)   | : 6.00 pts per credit  | Grade E (40 to 49) | : 5.00 pts per credit |
| Grade F (0 to 39)    | : 0.00 pts per credit  |                    |                       |
- To earn academic credits in a course a student should get a grading of 'E' or above.
- F Grade is awarded in case of shortage of attendance or earning of 0.00 credit points, or absence in the Semester End Examination.
- Medium of instruction and examination is English.
- For Minor/Specialization the student has to clear 20 credits however, the earn credit will not be added to CGPA.



# BIRLA INSTITUTE OF TECHNOLOGY

(A Deemed to be University u/s 3 of UGC Act, 1956)  
MESRA - 835215, RANCHI, INDIA

Cert. No. : GC1007564

## GRADE REPORT SESSION : 2023-2024 (SP 2024)

ROLL NO. : BTECH/10091/20  
NAME : VISHAL SHARMA  
PROGRAMME : BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION  
ENGINEERING)  
SEMESTER : EIGHTH

COURSE CODE	COURSE	CREDIT(S)	GRADE	CREDIT POINTS
EC450	RESEARCH PROJECT/INDUSTRY INTERNSHIP	10.00	A	90.0

Total Credit Points : 90.0    Total Credit Earned : 10.0    Total Credit Registered : 10.0    S.G.P.A : 9.00

C.G.P.A : 8.39

% MARKS IN AGGREGATE : 83.90

Class : First Class with Distinction

Special Remarks (If any) : Successful

Examination Held in : April-2024

Result Published on : May-2024

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Controller of Examinations

AGGREGATE OF POINTS OBTAINED IN ALL SEMESTERS  
CGPA = \_\_\_\_\_

TOTAL NUMBERS OF CREDITS EARNED  
PERCENTAGE OF MARKS IN AGGREGATE = (CGPA) \* 10

### Notes :

- Full marks for one course = 100
- |                                             |                                          |
|---------------------------------------------|------------------------------------------|
| Grade A+ (90 to 100) : 10.00 pts per credit | Grade A (80 to 89) : 9.00 pts per credit |
| Grade B (70 to 79) : 8.00 pts per credit    | Grade C (60 to 69) : 7.00 pts per credit |
| Grade D (50 to 59) : 6.00 pts per credit    | Grade E (40 to 49) : 5.00 pts per credit |
| Grade F (0 to 39) : 0.00 pts per credit     |                                          |
- |                              |   |                                          |
|------------------------------|---|------------------------------------------|
| FIRST CLASS WITH DISTINCTION | : | CGPA 7.50 to 10.00 (only single attempt) |
| FIRST CLASS                  | : | CGPA 6.00 to 7.49                        |
| SECOND CLASS                 | : | CGPA 5.00 to 5.99                        |
- To earn academic credits in a course a student should get a grading of E or above.
- To qualify for the degree a student should earn minimum of 168.00 units of academic credit, two units of NCC/NSS/PT and Games and Non-credit courses.
- F Grade is awarded in case of shortage of attendance or earning of 0.00 credit points, or absence in the Semester End Examination.
- The medium of instruction and examination is English.
- In case of earn credit is more than 7.49 with more than single attempt, first class will be awarded.