Phone: +91-1413999100 e-mail: office.controller@jaipur.manipal.edu

Date: September 22, 2022

### OFFICIAL TRANSCRIPT

SI. No. 015321

Name Reg. No

AYUSH RANJAN

Degree

179302039

BACHELOR OF TECHNOLOGY

irst Semester			
Course Code	Course Title	0.0000000000000000000000000000000000000	Money
CS1101	PROGRAMMING IN C	Credit(s)	Grade
CY1101	ENGINEERING CHEMISTRY	4	C
EE1101	BASIC ELECTRICAL TECHNOLOGY	4	C
ENIIII	TECHNICAL COMMUNICATION	4	A
ES1103	ENGINEERING THERMODYNAMICS	3	C
HS1102	HISTORY OF INDIAN SCIENCE & TECHNOLOGY	3	C
MA1101	ENGINEERING MATHEMATICS-I	2	В
Credits Earne	ed 24	4	C
Third Semeste		GPA	7.42
Course Code	Course Title	Mary Mary	
BB1101	VALUE ETHICS AND GOVERNANCE	Credit(s)	Grade
CS1301	COMPUTER ORGANIZATION & ARCHITECTURE	2	В
CS1302	SWITCHING THEORY & LOGIC DESIGN	4	D
CS1303	DATA STRUCTURES	4	C
CS1304	OBJECT ORIENTED PROGRAMMING USING JAVA	4	В
CS1331	DATA STRUCTURES LAB	4	C
CS1332	OBJECT ORIENTED PROGRAMMING USING JAVA LAB	100	В
MA1307	ENGINEERING MATHEMATICS-III		C
Credits Earne	od 23	3	D
Managaran -		GPA	7.00
Fifth Semester			Madesta
	Course Title	6 11	Mary Mary
CS1501	DESIGN 6. ANALYSIS OF AVAILABLE		
	DESIGN & ANALYSIS OF ALGORITHMS	Credit(s)	
CS1505	DESIGN & ANALYSIS OF ALGORITHMS AUTOMATA & COMPILER DESIGN	4	В
CS1530	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB		B B
	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT	4 4 1	B B A
CS1530 IT1502 IT1504	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS	4 4 1 4	B B A B
CS1530 IT1502 IT1504 IT1532	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB	4 4 1	B B A B C
CS1530 1T1502 1T1504 1T1532 1T1552	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING	4 4 1 4 4 1	B B A B C
CS1530 IT1502 IT1504 IT1532 IT1552 ME1593	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING	4 4 1 4 4 1 3	B B A B C C B
CS1530 IT1502 IT1504 IT1532 IT1552 ME1593	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING	4 4 4 1 3 3 3 3	B B A B C C B
CS1530 IT1502 IT1504 IT1532 IT1552 ME1593 Credits Earne Seventh Semes	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFT WARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFT WARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING 24 24	4 4 1 4 4 1 3	B B A B C C B
CS1530 1T1502 1T1504 1T1532 1T1552	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFT WARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFT WARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING 24 24	4 1 4 4 4 1 3 3 3 GPA	B B A B C C C B A
CS1530 IT1502 IT1504 IT1532 IT1552 ME1593 Credits Earne Seventh Semes	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING dd 24 iter Course Title	4 4 1 4 4 1 3 3 GPA	B B A B C C B A 7.96
CS1530 IT1502 IT1504 IT1532 IT1552 ME1593 Credits Earne Seventh Semes Course Code	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING dd 24 dter Course Title ELEMENTS OF BIOSCIENCE AND BIOTECHNOLOGY	4 4 1 4 4 1 3 3 GPA	B B A B C C B A 7.96
CS1530 IT1502 IT1504 IT1504 IT1532 IT1552 ME1593 Credits Earne Seventh Semes Course Code BT2080	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING dd 24 Iter Course Title ELEMENTS OF BIOSCIENCE AND BIOTECHNOLOGY ADVANCED COMPUTER NETWORKS	4 4 4 4 4 1 3 3 GPA  Credit(s) 3 3	B B A B C C B A 7.96
CS1530 IT1502 IT1504 IT1504 IT1532 ME1593 Credits Earns Seventh Semes Course Code BT2080 CS1756	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING d 24  Iter Course Title ELEMENTS OF BIOSCIENCE AND BIOTECHNOLOGY ADVANCED COMPUTER NETWORKS CRYPTOGRAPHY & NETWORKS	4 4 1 4 4 1 3 3 GPA  Credit(s) 3 4	B B A B C C C B A 7.96
CS1530 IT1502 IT1502 IT1502 IT1532 IT1552 ME1593 Credits Earne Seventh Semes Course Code BT2080 CS1756 IT1701	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING d 24 iter Course Title ELEMENTS OF BIOSCIENCE AND BIOTECHNOLOGY ADVANCED COMPUTER NETWORKS CRYPTOGRAPHY & NETWORK SECURITY ADVANCE DATA STRUCTURE	4 4 4 4 4 1 3 3 GPA  Credit(s) 3 3	B B A B C C C B A 7.96
CS1530 IT1502 IT1504 IT1532 IT1552 ME1593 Credits Earne Seventh Senes Course Code BT2080 CS1756 IS17701 IT1701	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING d. 24 Ster Course Title ELEMENTS OF BIOSCIENCE AND BIOTECHNOLOGY ADVANCED COMPUTER NETWORKS CRYPTOGRAPHY & NETWORK SECURITY ADVANCE DATA STRUCTURE CRYPTOGRAPHY & NETWORK SECURITY LAB	4 4 1 4 4 1 3 3 GPA  Credit(s) 3 4	B B A B C C B A 7.96  Grade A A A A A+
CS1530 IT1502 IT1504 IT1532 IT1552 ME1593 Credits Earne Seventh Semes Course Code BT2080 CS1756 IT1701 IT1702 IT1732	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING dd 24  Iter Course Title ELEMENTS OF BIOSCIENCE AND BIOTECHNOLOGY ADVANCED COMPUTER NETWORKS CRYPTOGRAPHY & NETWORK SECURITY ADVANCE DATA STRUCTURE CRYPTOGRAPHY & NETWORK SECURITY LAB ADAVANCE DATA STRUCTURE LAB	4 4 1 4 4 1 3 3 GPA  Credit(s) 3 4	B B A B C C B A 7.96  Grade A A A A A A A
CS1530 IT1502 IT1504 IT1532 IT1552 ME1593 Credits Earns Seventh Semes Course Code BT2080 CS1756 IT1701 IT1702 IT1732 IT1733	AUTOMATA & COMPILER DESIGN DESIGN & ANALYSIS OF ALGORITHMS LAB SOFTWARE ENGINEERING & PROJECT MANAGEMENT DATA COMMUNICATIONS SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB PYTHON PROGRAMMING MODERN MANUFACTURING d. 24 Ster Course Title ELEMENTS OF BIOSCIENCE AND BIOTECHNOLOGY ADVANCED COMPUTER NETWORKS CRYPTOGRAPHY & NETWORK SECURITY ADVANCE DATA STRUCTURE CRYPTOGRAPHY & NETWORK SECURITY LAB	4 4 1 4 4 1 3 3 GPA  Credit(s) 3 4	B B A B C C B A 7.96  Grade A A A A A+

Year of Admission Year of Completion **JULY 2017** JUNE 2021

Course Code	Course Title	Credit	Cend
EC1101	BASIC ELECTRONICS	Crediti 4	s) Grad
ES1101	ENVIRONMENTAL STUDIES	3	B
ES1102	MECHANICS OF SOLIDS	3	B
MA1201	ENGINEERING MATHEMATICS-II	4	B
ME1101	ENGINEERING MATHEMATICS-II		C
ME1130	BASIC WORKSHOP PRACTICE	3 2	В
PY1101	ENGINEERING PHYSICS	5	
Credits Earner		GPA	7.8
Fourth Semeste		GPA	7.8
Course Cade	Course Title	Credit(s	Cando
CS1401	OPERATING SYSTEMS	Creditis 4	B
CS1402	RELATIONAL DATABASE MANAGEMENT SYSTEMS		C
CS1403	MICROPROCESSOR & MICROCONTROLLERS	4 3	В
CS1431	OPERATING SYSTEMS LAB	3	D
CS1432	RELATIONAL DATABASE MANAGEMENT SYSTEMS LAB	1	C
CS1433	MICROPROCESSOR & MICROCONTROLLER LAB	i	State Sales Sales
HS1401	ECONOMICS ECONOMICS	3	A+ A
MA1406	ENGINEERING MATHEMATICS-IV	3	C
ME1694	ENERGY CONSERVATION, AUDIT AND MANAGEMENT	3	В
Credits Earned	1 23	GPA	7.78
Sixth Semester		O/A	7.10
Course Code	Course Title	Credit(s)	Grade
BB1540	ORGANIZATION AND MANAGEMENT	3	A
CS1602	COMPUTER NETWORKS	4	C
CS1630	COMPUTER NETWORKS LAB		В
1D2280	DESIGN THINKING & CREATIVITY	3	A
IT1603	DATA MINING AND WAREHOUSING	4	C
IT1631	DATA MINING AND WAREHOUSING LAB	1	В
IT1634	MINOR PROJECT	3	A+
IT1654	DATA SCIENCE	3	C
Credits Earned		GPA	8.05
Eighth Semeste			
Course Code		Credit(s) (	Grade
IT1881	MAJOR PROJECT	12	A+
Credits Earned	1/12	GPA	10.00

TOTAL CREDITS : 175

CGPA: 8.03

Ann S Dean of the Faculty Dean Facility of Thigineering Manipal University Jaipur



Controller of Examinations (with seal)

1. GPA Scheme of Evaluation

2. Course Evaluation

: 10 Point Grading System

3. Grade

: 10 9 8 7 6 5 0 Incomplete

Grade Point

4. Maximum Possible CGPA

: 10.0

5. Minimum CGPA for Graduation : 5.0

6. 1 Hour Lecture / Tutorial : 1 Credit

7. 2/3 Hours Practical : 1 Credit

8. Duration of the Course : 8 Semester

9. Duration of each Semester : 16 Weeks

10. Medium of Instruction & Exam : English

Prepared By: Beharing

Controller of Examination



Checked By: \_

# **GRADE REPORT**

Date:

1 February 2019

# **BACHELOR OF TECHNOLOGY**

(First Semester)

Branch:

Information Technology

Academic Session: 2017-2018

Reg No:

179302039

Name:

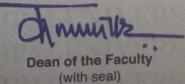
AYUSH RANJAN

Course Code	Course Title	Credits	Grade
CY1101	ENGINEERING CHEMISTRY	4	С
HS1102	HISTORY OF INDIAN SCIENCE & TECHNOLOGY	2	В
EE1101	BASIC ELECTRICAL TECHNOLOGY	4	А
CS1101	PROGRAMMING IN C	4	С
ES1103	ENGINEERING THERMODYNAMICS	3	С
EN1111	TECHNICAL COMMUNICATION	3	С
MA1101	ENGINEERING MATHEMATICS-I	4	С
	Total	24	

Credits Earned: GPA: 7.42

Grade	A <sup>+</sup>	А	В	С	D	E	F/I/DT
Grade Point	10	9	8	7	6	5	0





Dean Faculty of Engineering MANIPAL UNIVERSITY JAIPUR

Surit So Vastava

Controller of Examinations (with seal) Controller Of Examinations Manipal University Jaipur



### **GRADE REPORT**

Date:

1 February 2019

# **BACHELOR OF TECHNOLOGY**

(Second Semester)

Branch: Reg No: Information Technology

Name:

179302039

AYUSH RANJAN

Academic Session: 2017-2018

Course Code	Course Title	Credits	Grade
PY1101	ENGINEERING PHYSICS	5	В
MA1201	ENGINEERING MATHEMATICS-II	4	В
ES1101	ENVIRONMENTAL STUDIES	3	В
EC1101	BASIC ELECTRONICS	4	В
ES1102	MECHANICS OF SOLIDS	4	В
ME1101	ENGINEERING GRAPHICS	3	С
ME1130	BASIC WORKSHOP PRACTICE	2	В
	Total	25	

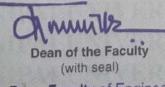
Credits Earned:

25

7.88

Grade	A <sup>+</sup>	Α	В	С	D	E	F/I/DT
Grade Point	10	9	8	7	6	5	0





Dean Faculty of Engineering MANIPAL UNIVERSITY JAIPUR

Controller of Examinations (with seal)



# GRADE REPORT

Date: August 29, 2019

# BACHELOR OF TECHNOLOGY

(Third Semester)

Branch/Specialization

INFORMATION TECHNOLOGY

Reg No

179302039

Academic Session: 2018-19

Name

AYUSH RANJAN

Courre Code	Code Course Title		Grade
BB1101	VALUE ETHICS AND GOVERNANCE	2	В
CS1301	COMPUTER ORGANIZATION & ARCHITECTURE	4	D
CS1302	SWITCHING THEORY & LOGIC DESIGN	4	C
CS1303	DATA STRUCTURES	4	В
CS1304	OBJECT ORIENTED PROGRAMMING USING JAVA	4	C
CS1331	DATA STRUCTURES LAB	1	В
CS1332	OBJECT ORIENTED PROGRAMMING USING JAVA LAB	1	C
MA1307	ENGINEERING MATHEMATICS-III	3	D
	Total	23	

Credits Earned:

23

Grade Point Average (GPA):

7.00

Grade	A <sup>+</sup>	Α	В	С	D	E	F/I/DT
Grade Point	10	9	8	7	6	5	0



Dean of the Faculty (with seal)

Dean Faculty of Engineering MANIPAL UNIVERSITY JAIPUR

Sunt Sovastava
Controller of Examinations

(with seal)



# **GRADE REPORT**

Date : August 29, 2019

### **BACHELOR OF TECHNOLOGY**

(Fourth Semester)

Branch/Specialization

INFORMATION TECHNOLOGY

Reg No

179302039

Academic Session: 2018-19

Name

AYUSH RANJAN

Cousre Code	Course Title	Credits	Grade
CS1401	OPERATING SYSTEMS	4	В
CS1402	RELATIONAL DATABASE MANAGEMENT SYSTEMS	4	С
CS1403	MICROPROCESSOR & MICROCONTROLLERS	3	В
CS1431	OPERATING SYSTEMS LAB	1	D
CS1432	RELATIONAL DATABASE MANAGEMENT SYSTEMS LAB	1	C
CS1433	MICROPROCESSOR & MICROCONTROLLER LAB	1	Λ+
HS1401	ECONOMICS	3	٨
MA1406	ENGINEERING MATHEMATICS-IV	3	С
ME1694	ENERGY CONSERVATION, AUDIT AND MANAGEMENT	3	В
	Total	23	

Credits Earned:

23

Grade Point Average (GPA):

7 70

Grade	A <sup>+</sup>	Α	В	С	D	E	F/I/DT
Grade Point	10	9	8	7	6	5	0

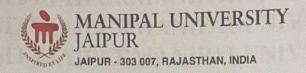


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Dean Faculty of Engineering MANIPAL UNIVERSITY JAIPUR

Sunit Srivastava

Controller of Examinations (with seal)



### GRADE REPORT

Date: 5. October 2020

### **BACHELOR OF TECHNOLOGY**

(Fifth Semester)

Branch/Specialization INFORMATION TECHNOLOGY

Reg No 179302039 Academic Session : 2019-20

Name AYUSH RANJAN

Cousre Code	Course Title	Credits	Grade
CS1501	DESIGN & ANALYSIS OF ALGORITHMS	4	В
CS1505	AUTOMATA & COMPILER DESIGN	4	В
CS1530	DESIGN & ANALYSIS OF ALGORITHMS LAB	1	A
IT1502	SOFTWARE ENGINEERING & PROJECT MANAGEMENT	4	В
IT1504	DATA COMMUNICATIONS	4	С
IT1532	SOFTWARE ENGINEERING & PROJECT MANAGEMENT LAB	1	С
IT1552	PYTHON PROGRAMMING	3	В
ME1593	MODERN MANUFACTURING	3	A
	Total	24	

Credits Earned: 24 Grade Point Average (GPA): 7.96

Grade	A <sup>+</sup>	Α	В	С	D	E	F/I/DT
Grade Point	10	9	8	7	6	5	0



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(with seal)

Controller Of Examinations Manipal University Jaipur

Dean Faculty of Engineering MANIPAL UNIVERSITY JAIPUR



### **GRADE REPORT**

Date: 5. October 2020

### **BACHELOR OF TECHNOLOGY**

(Sixth Semester)

Branch/Specialization

INFORMATION TECHNOLOGY

Reg N

179302039

Academic Session: 2019-20

Name

**AYUSH RANJAN** 

Cousre Code	Course Title	Credits	Grade
BB1540	ORGANIZATION AND MANAGEMENT	3	A
CS1602	COMPUTER NETWORKS	4	C
CS1630	COMPUTER NETWORKS LAB	1	В
ID2280	DESIGN THINKING & CREATIVITY	3	A
IT1603	DATA MINING AND WAREHOUSING	4	С
IT1631	DATA MINING AND WAREHOUSING LAB	1	В
IT1634	MINOR PROJECT	3	A+
IT1654	DATA SCIENCE	3	С
	Total	22	

Credits Earned:

22

Grade Point Average (GPA):

8.05

Grade	A <sup>+</sup>	A	В	С	D	Е	F/I/DT
Grade Point	10	9	8	7	6	5	0



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Dean Faculty of Engineering MANIPAL UNIVERSITY JAIPUR Sunt Solastala

Controller of Examinations (with seal)

# **GRADE REPORT**

Date: 25. February 2021

### **BACHELOR OF TECHNOLOGY**

(Seventh Semester)

Branch/Specialization

INFORMATION TECHNOLOGY

Reg No

179302039

Academic Session: 2020-21

Name

AYUSH RANJAN

Cousre Code	Course Title	Credits	Grade
BT2080	ELEMENTS OF BIOSCIENCE AND BIOTECHNOLOGY	3	A
CS1756	ADVANCED COMPUTER NETWORKS	3	A
IT1701	CRYPTOGRAPHY & NETWORK SECURITY	4	A
IT1702	ADVANCE DATA STRUCTURE	4	A
IT1732	CRYPTOGRAPHY & NETWORK SECURITY LAB	1	A+
IT1733	ADAVANCE DATA STRUCTURE LAB	1	A
IT1760	NATURAL LANGUAGE PROCESSING	3	A
IT1761	ADVANCE MACHINE LEARNING TECHNIQUES	3	A+
	Total	22	

Credits Earned:

22

Grade Point Average (GPA):

9.18

Grade	A <sup>+</sup>	Α	В	С	D	E	F/I/DT
Grade Point	10	9	8	7	6	5	0



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Dean Faculty of Engineering
MANIPAL UNIVERSITY JAIPUR

Sunt Savastava

Controller of Examinations (with seal)



# GRADE REPORT

Date: 16. June 2021

# **BACHELOR OF TECHNOLOGY**

(Eighth Semester)

Branch/Specialization

INFORMATION TECHNOLOGY

Reg No

179302039

Name

AYUSH RANJAN

Academic Session: 2020-21

Cousre Code		Course Title	Credits	Grade
IT1881	MAJOR PROJECT		Credits	Grade
	Total		12	A+

Credits Earned:

12

Grade Point Average (GPA):

10.00

Cumulative Grade Point Average (CGPA):

8.03

Total Credit :

175

Grade	A <sup>+</sup>	А	В	С	D	Е	F/I/DT
Grade Point	10	9	8	7	6	5	0



Dean of the Faculty (with seal)

Dean Faculty of Engineering
MANIPAL UNIVERSITY JAIPUR

Controller of Examinations
(with seal)
Controller of Examinations

Manipal University Jaipur



# MANIPAL UNIVERSITY JAIPUR

Established under Act No. 21 of 2011, State of Rajasthan; Recognised uls 2(f) of UGC Act, 1956

# Faculty of Engineering

This is to certify that

**AYUSH RANJAN** 

has been conferred the degree of

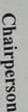
B.Tech (Information Technology) **Bachelor of Technology** 

having fulfilled the prescribed requirements in the academic year 2020-21



Chairperson

Reg No. 179302039 SI No:MUJ109087



Given Under the Seal of Manipal University Jaipur, Rajasthan-India | On This Date: November 20, 2021

