UNIVERSITY OF RAJSHAHI

Rajshahi, Bangladesh

TRANSCRIPT OF ACADEMIC RECORDS
B.Sc. Engineering

Name: Md. Ashifujjman Rafi   **Exam. Year:** 2021   **Session:** 2017-2018

Father's Name: Md. Raihan Ali   **Student I.D.** 1810376106   **Date of Birth:** 15.10.1999

Mother's Name: Mrs. Anowara Begum   **Faculty:** Engineering

Hall/College: Nawab Abdul Latif   **Department:** Computer Science and Engineering

Degree Conferred: B.Sc. Engineering   **Course Duration:** Four (04) Years   **Entrance Qualification:** Higher Secondary Certificate

B.Sc. Eng. Part-I Exam-2018 (*Course Improved in: CSE1111/2019, APEE1131/2020)

	Course Code	Course Title	Credit	Letter Grade	YGPA
Odd Semester	ENG1111	Technical and Communicative English	2	B+	
	MATH1111	Algebra, Trigonometry and Vector	3	C	
	CHEM1111	Physical and Inorganic Chemistry	3	B	
	APEE1131	Electrical Circuit and Electronics	3	C+	
	APEE1132	Electrical Circuit and Electronics Lab	1	B-	
	CSE1111	Introduction to Computer Systems	3	C	
	CSE1112	Computer Maintenance and Engineering Drawings Lab	1	A-	
	CSE1121	Structural Programming Language	3	B	
	CSE1122	Structural Programming Language Lab	2	A-	2.874
Even Semester	ECON1211	Economics	2	A-	
	STAT1211	Statistics for Engineers	2	A	
	MATH1211	Differential and Integral Calculus	3	B	
	PHY1221	Applied Electricity and Magnetism	3	C	
	CSE1211	Introduction to Digital Electronics	3	B-	
	CSE1212	Introduction to Digital Electronics Lab	1	A+	
	CSE1221	Object Oriented Programming	3	C	
	CSE1222	Object Oriented Programming Lab	2	A-	

B.Sc. Eng. Part-II Exam-2019 (*Course Improved in: CSE2111/2020)

	Course Code	Course Title	Credit	Letter Grade	YGPA
Odd Semester	ACCO2111	Industrial Management and Accountancy	2	C+	
	STAT2111	Theory of Statistics	2	C+	
	MATH2111	Matrices and Differential Equations	3	C+	
	CSE2111	Digital System Design	3	C	
	CSE2112	Digital System Design Lab	1	A+	
	CSE2121	Data Structure	3	B-	
	CSE2122	Data Structure Lab	1	A+	
	CSE2131	Discrete Mathematics	3	C+	
	CSE2142	Software Development Lab I	1	A+	
Even Semester	LAW2211	Cyber and Intellectual Property Law	2	D	
	MATH2231	Numerical Methods	2	C+	2.724
	MATH2232	Numerical Methods Lab	1	A+	
	MATH2241	Linear Algebra	3	B	
	CSE2211	Theory of Computation	3	C+	
	CSE2221	Design and Analysis of Algorithms	3	C+	
	CSE2222	Design and Analysis of Algorithms Lab	1	B	
	CSE2231	Computer Architecture and Organization	3	C	
	CSE2232	Computer Architecture and Organization Lab	1	A+	
	CSE2242	Technical Writing and Presentation	1	B	
	CSE2252	Software Development Lab II	1	B+	

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B.Sc. Eng. Part-III Exam-2020 (*Course Improved in:)

	Course Code	Course Title	Credit	Letter Grade	YGPA
Odd Semester	CSE3111	System Analysis and Design	3	C+	
	CSE3121	Database Management Systems	3	A+	
	CSE3122	Database Management Systems Lab	1	A+	
	CSE3131	Digital Signal Processing	3	B+	
	CSE3132	Digital Signal Processing Lab	1	A-	
	CSE3141	Compiler Design	3	B	
	CSE3142	Compiler Design Lab	1	B-	
	ICE3151	Computer Networks	3	B	
	ICE3152	Computer Networks Lab	1	A	
	CSE3162	Mobile Apps Development Lab	1	B	3.174
Even Semester	CSE3211	Software Engineering	3	A-	
	CSE3212	Software Engineering Lab	1	B+	
	CSE3221	Computer Graphics	3	C+	
	CSE3222	Computer Graphics Lab	1	A+	
	CSE3231	Microprocessor and Assembly Language	3	B	
	CSE3232	Microprocessor and Assembly Language Lab	1	A-	
	CSE3241	Operating System and System Programming	3	B+	
	CSE3242	Operating System and System Programming Lab	1	B+	
	ICE3261	Communication Engineering	3	B	
	ICE3262	Communication Engineering Lab	1	B	

B.Sc. Eng. Part-IV Exam-2021 (Course Improved in:)

	Course Code	Course Title	Credit	Letter Grade	YGPA
Odd Semester	CSE4111	Parallel Processing and Distributed System	3	A-	
	CSE4112	Parallel Processing and Distributed System Lab	1	A+	
	CSE4121	Object Oriented Design and Design Patterns	2	B	
	CSE4122	Object Oriented Design and Design Patterns Lab	1	A	
	CSE4131	Computer Simulation and Modeling	3	B+	
	CSE4132	Computer Simulation and Modeling Lab	1	A+	
	CSE4141	Computer Peripherals and Interfacing	3	A-	
	CSE4142	Computer Peripherals and Interfacing Lab	1	A-	
	CSE4181	Digital Image Processing	3	A+	
	CSE4182	Digital Image Processing Lab	1	A	
	CSE4192	Thesis/ Project (Part-I)	1	A-	3.568
Even Semester	CSE4211	Artificial Intelligence	3	B+	
	CSE4212	Artificial Intelligence Lab	1	B+	
	CSE4221	Web Engineering	3	B+	
	CSE4222	Web Engineering Lab	1	B+	
	CSE4231	Cryptography and Network Security	3	A+	
	CSE4232	Cryptography and Network Security Lab	1	A-	
	CSE4251	Multimedia System	3	A	
	CSE4252	Multimedia System Lab	1	A+	
	CSE4280	Board viva-voce	2	B+	
	CSE4292	Thesis/ Project (Part-II)	2	A+	

Total Credit:	160	Earned Credit: 160	CGPA:	3.09	Remarks:	Pass

Sl. No: 1231

Issued on: **21.09.2023**

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