



Visvesvaraya Technological University, Belagavi Karnataka State, INDIA



220260600422

TRANSCRIPT AS PER RECORDS

Name: **ROSHAN KUMAR JHA**

University Seat No: **1KT22CS094**

Year of admission: **2022**

Mon & Yr. of completion: **072026**

Academic Program: **Bachelor of Engineering**

(Computer Science & Engineering)

1. Duration of the Course: 4 Years

2. Medium of Instructions: English

3. Percentage = (CGPA) * 10

4. First class with Distinction(FCD): Greater than or equal to 70%

First Class (FC): Greater than or equal to 60 % but less than 70%

SecondClass (SC): Less than 60%

Course Code	Course Name	Credits	Grade	Mon&Yr	Attempts
I Semester					
BMATS101	Mathematics for CSE Stream-I	4	A	012023	1
BPHYS102	Physics for CSE stream	4	A+	012023	1
BPOPS103	Principles of Programming Using C	3	A+	012023	1
BESCK104C	Introduction to Electronics Engineering	3	A+	012023	1
BETCK105E	Renewable Energy Sources	3	A	012023	1
BIDTK158	Innovation and Design Thinking	1	B+	012023	1
BENGK106	Communicative English	1	A	012023	1
BKBKK107	Balake Kannada	1	A+	012023	1
II Semester					
BMATS201	Mathematics-II for CSE Stream	4	O	072023	1
BCHES202	Applied Chemistry for CSE Stream	4	A+	072023	1
BCEDK203	Computer-Aided Engineering Drawing	3	B+	072023	1
BESCK204D	Introduction to Mechanical Engineering	3	A+	072023	1
BPLCK205B	Introduction to Python Programming	3	O	072023	1
BSFHK258	Scientific Foundations of Health	1	A+	072023	1
BPWSK206	Professional Writing Skills in English	1	A	072023	1
BICOK207	Indian Constitution	1	B+	072023	1
III Semester					
BCS301	Mathematics for Computer Science	4	B+	012024	1
BCS302	Digital Design & Computer Organization	4	B	012024	1
BCS303	Operating Systems	4	A	012024	1
BCS304	Data Structures and Applications	3	A	012024	1
BCSL305	Data Structures Lab	1	O	012024	1
BCS358D	Data Visualization with Python	1	O	012024	1
BPEK359	Physical Education	0	O	012024	1
BCS306A	Object Oriented Programming with Java	3	B+	012024	1
BSCK307	Social Connect and Responsibility	1	O	012024	1
IV Semester					
BCS401	Analysis & Design of Algorithms	3	B	072024	1
BCS402	Microcontrollers	4	B+	072024	1
BCS403	Database Management Systems	4	A	072024	1
BCSL404	Analysis & Design of Algorithms Lab	1	O	072024	1
BCS405A	Discrete Mathematical Structures	3	B	072024	1
BCSL456D	Technical writing using LATEX Lab	1	O	072024	1
BPEK459	Physical Education	0	O	072024	1
BBOC407	Biology for Computer Engineers	2	A	072024	1
BUHK408	Universal Human Values Course	1	A+	072024	1

Course Code	Course Name	Credits	Grade	Mon&Yr	Attempts
V Semester					
BCS501	Software Engineering & Project Management	3	B+	012025	1
BCS515C	Unix System Programming	3	A	012025	1
BCS502	Computer Networks	4	B+	012025	1
BCS503	Theory of Computation	4	B+	012025	1
BCSL504	Web Technology Lab	1	O	012025	1
BRMK557	Research Methodology and IPR	3	B+	012025	1
BPEK559	Physical Education	0	A+	012025	1
BCS508	Environmental Studies and E-Waste	2	B+	012025	1
BCS586	Mini Project	2	O	012025	1
VI Semester					
BCS601	Cloud Computing	4	A+	072025	1
BCS613D	Advanced Java	3	A	072025	1
BCS602	Machine Learning	4	B+	072025	1
BCV654C	Integrated Waste Management for a Smart City	3	A	072025	1
BCSL657D	Devops	1	O	072025	1
BPEK658	Physical Education	0	O	072025	1
BCSL606	Machine Learning lab	1	O	072025	1
BCS685	Project Phase I	2	O	072025	1
BIKS609	Indian Knowledge System	0	A+	072025	1
VII Semester					
BCS701	Internet of Things	4	A+	012026	1
BCS714D	Big Data Analytics	3	B+	012026	1
BCS702	Parallel Computing	4	B+	012026	1
BCS703	Cryptography and Network Security	4	A	012026	1
BCV755B	Conservation of Natural Resources	3	A	012026	1
BCS786	Major Project Phase-II	6	O	012026	1
VIII Semester					
BCS801	Ethical Hacking	3	O	072026	1
BCS802	Wastewater Treatment And Recycling	3	O	072026	1
BINT803B	Industry Internship	10	A+	072026	1

Requisite AICTE Activity Points Completed.

CGPA: 8.23

Percentage: 82.30

Class of the Degree: First Class with Distinction

Grade	O	A+	A	B+	B	C	P
Grade Point	10	9	8	7	6	5	4
Marks Range	>=90	<89	<79	<69	<59	<54	<49
		>=80	>=70	>=60	>=55	>=50	>=40

PP- Mandatory non credit course



AUTHENTIC

[Signature]

Registrar (Evaluation)

*Based on First Attempt Marks of V to VIII semester # Number of Attempts taken to clear the semester
(*and # not applicable to choice Based Credit System)