Visvesvaraya Technological University, Belagavi
Karnataka State, INDIA

120191000351

TRANSCRIPT AS PER RECORDS

Name: **SACHIN KUMAR S**

University Seat No: **1DT16CS082**

Year of admission: 2016

Mon & Yr. of completion: 082020

Academic Program: Bachelor of Engineering

(Computer Science & Engineering)

1. Duration of the Course: 4 Years
2. Medium of Instructions: English
3. Percentage = (CGPA-0.75) * 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					
15MAT11	Engineering Maths-I	4	S	042017	1
15PHY12	Engineering Physics	4	A	042017	1
15CIV13	Elements of Civil Engg. & Mechanics	4	B	042017	1
15EME14	Elements of Mechanical Engineering	4	S	042017	1
15ELE15	Basic Electrical Engineering	4	S	042017	1
15WSL16	Workshop Practice	2	S+	042017	1
15PHYL17	Engg. Physics Lab.	2	S	042017	1
15CPH18	Const. of India, Prof. Ethics & Human Rights	0	PP	042017	1
II Semester					
15MAT21	Engineering Maths-II	4	S	072017	1
15CHE22	Engineering Chemistry	4	S	072017	1
15PCD23	Programming in C & Data Structures	4	A	072017	1
15CED24	Computer Aided Engineering Drawing	4	A	072017	1
15ELN25	Basic Electronics	4	S+	072017	1
15CPL26	Computer Programming Lab.	2	S+	072017	1
15CHEL27	Engineering Chemistry Lab.	2	S	072017	1
15CIV28	Environmental Studies	0	PP	072017	1
III Semester					
15MAT31	Engineering Mathematics - III	4	S	012018	1
15CS32	Analog and Digital Electronics	4	S	012018	1
15CS33	Data Structures and Applications	4	A	012018	1
15CS34	Computer Organization	4	B	012018	1
15CS35	Unix and Shell Programming	4	A	012018	1
15CS36	Discrete Mathematical Structures	4	A	012018	1
15CSL37	Analog and Digital Electronics Lab	2	S+	012018	1
15CSL38	Data Structures Laboratory	2	S+	012018	1
IV Semester					
15MAT41	Engineering Mathematics-IV	4	S	072018	1
15CS42	Software Engineering	4	A	072018	1
15CS43	Design and Analysis of Algorithms	4	B	072018	1
15CS44	Microprocessors and Microcontrollers	4	A	072018	1
15CS45	Object Oriented Concepts	4	A	072018	1
15CS46	Data Communication	4	B	072018	1
15CSL47	Design and Analysis of Algorithm Laboratory	2	S+	072018	1
15CSL48	Microprocessors Laboratory	2	S+	072018	1

Course Code	Course Name	Credits	Grade	Mon&Yr	Attempts
V Semester					
15CS51	Mgmt. & Entrepreneurship for IT Industry	4	C	012019	1
15CS52	Computer Networks	4	A	012019	1
15CS53	Database Management System	4	B	012019	1
15CS54	Automata Theory and Computability	4	A	012019	1
15CS553	Advanced JAVA amd J2EE	3	B	012019	1
15CS564	.Net framework for application development	3	B	012019	1
15CSL57	Computer Network Laboratory	2	S+	012019	1
15CSL58	DBMS Laboratory with Mini Project	2	S+	012019	1
VI Semester					
15CS61	Cryptography, Network Security and Cyber	4	B	072019	1
15CS62	Computer Graphics and Visualization	4	B	072019	1
15CS63	System Software and Compiler Design	4	C	072019	1
15CS64	Operating Systems	4	B	072019	1
15CS653	Operation Research	3	A	072019	1
15CS664	Python Application Programming	3	B	072019	1
15CSL67	System Software & Operating System Lab.	2	S+	072019	1
15CSL68	Comp. Graphics Laboratory with Mini Project	2	S+	072019	1
VII Semester					
15CS71	Web Technology and its applications	4	D	012020	1
15CS72	Advanced Computer Architectures	4	C	012020	1
15CS73	Machine Learning	4	A	012020	1
15CS742	Cloud Computing and its Applications	3	B	012020	1
15CS753	Digital Image Processing	3	S	012020	1
15CSL76	Machine Learning Laboratory	2	S+	012020	1
15CSL77	Web Technology Laboratory with Mini Project	2	S+	012020	1
15CSP78	Project Phase - I + Seminar	2	S+	012020	1
VIII Semester					
15CS81	Internet of Things and Applications	4	B	082020	1
15CS82	BIG Data Analytics	4	S	082020	1
15CS832	Modern Interface Design	3	S	082020	1
15CS84	Internship-Professional Practice	2	S+	082020	1
15CSP85	Project Work Phase - II	6	S+	082020	1
15CSS86	Seminar	1	S+	082020	1

CGPA: 8.20   **Percentage: 74.50**   **Class of the Degree: First Class with Distinction**

Grade	S+	S	A	B	C	D	E	F
Grade Point	10	9	8	7	6	5	4	0
Marks Range	>=90	<90 >=80	<80 >=70	<70 >=60	<60 >=50	<50 >=45	<45 >=40	<40

PP- Madatory non credit course

AUTHENTIC

Registrar (Evaluation)

*Based on First Attempt Marks of V to VIII Semesters   # Number of Attempts taken to clear the semester

(* and # not applicable to Choice Based Credit System)

Visvesvaraya Technological University
Belagavi– 590 018
Karnataka State, INDIA

The Visvesvaraya Technological University (VTU) has been established by the Government of Karnataka on 1ᵗ April 1998 with its headquarters at Belagavi, as per the provisions of the VTU Act 1994. For effective administration, four Regional Offices at the four Revenue Divisional Head Quarters, namely, Belagavi, Bengaluru, Kalaburgi and Mysuru have been established. VTU is a Member of Association of Commonwealth Universities.

There are at present 205 Engineering Colleges affiliated to VTU (104 under Bengaluru Region, 54 under Mysuru Region, 30 under Belagavi Region and 17 under Kalaburgi region)

The University offers 34 graduate programs (B.E. / B.Tech. / B.Arch.), 92 Postgraduate programs (M.Tech.), and other courses like M.B.A., M.C.A., M.Sc.(Engg.) by research and Ph.D. programmes. Every year about 80,000 students take admission for undergraduate courses, 9,000 students for PG courses, 4,000 students for MCA and 5,000 students for MBA.

Graduate Programs

The graduate program is of four years duration comprising eight semesters, except for Architecture, which is of five years duration. The first year of study is common to all engineering (B.E./B.Tech.) disciplines. The students have to complete the B.E./B.Tech. program within 8 years and B.Arch. program within 10 years.

Postgraduate program

The postgraduate program is of two years duration comprising four semesters, except for Master of Computer Applications, which is of three years duration. The students have to complete the MBA/M.Tech. courses within 4 years and MCA course within 6 years.

Bachelor's degree / Master Degrees shall be awarded to the candidates who have passed all the stipulated courses of all semesters and earns required number of credits specified for each program

The SGPA (Semester Grade Point average) and CGPA (Cumulative Grade Point Average) are calculated as cited below:

$$SGPA = \frac{\sum (Course\ Credits \times Grade\ Points)\ for\ all\ courses\ registered\ in\ that\ semester}{\sum (Course\ Credits)\ for\ all\ courses\ registered\ in\ that\ semester}$$

$$CGPA = \frac{\sum \{(Course\ Credits) \times (Grade\ Points)\}\ for\ courses\ excluding\ those\ with\ F\ grade\ until\ that\ semester}{\sum (Course\ Credits)\ for\ courses\ excluding\ those\ with\ F\ grade\ until\ that\ semester}$$

Conversion of CGPA into Percentage: P = [CGPA Earned - 0.75]x 10

CGPA at the end of Program shall be ≥5.00.

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

Certifies that

SACHIN KUMAR S

ಬ್ಯಾಚಲರ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನುಳ್ಳವರೆಂದು ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ.

has been duly admitted to the Degree of

Bachelor of Engineering

in recognition of the fulfilment of requirements

for the said degree

ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ University Seat Number	:	**1DT16CS082**
ವಿಷಯ Subject	:	*Computer Science & Engineering*
ಶ್ರೇಣಿ Class	:	*First Class with Distinction*

D 21   00220

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ಕೊಡಲ್ಪಟ್ಟಿದೆ
Given under the seal of the University

ಬೆಳಗಾವಿ
Belagavi

ದಿನಾಂಕ
Date : APR 03, 2021

ಕುಲಪತಿ
VICE CHANCELLOR

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

P 19 07514

Provisional Degree Certificate

This is to certify that Mr./Ms.   SACHIN KUMAR S

is qualified for the award of the degree of

Bachelor of Engineering (Computer Science & Engineering)

of this University for having passed the prescribed examination

held during August 2020 in   First Class with Distinction

with University Seat No.   1DT16CS082

The degree will be conferred on him / her at the next

convocation or thereafter,

Belagavi

Date : October 05, 2020

Registrar (Evaluation)

Visvesvaraya Technological University

"Jnana Sangama"

Belagavi-590018, Karnataka State, INDIA

Registrar (Evaluation)

Phone : +91-831-2498131
Fax : +91-831-2405461

Date : 6 OCT 2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Mr./Ms. Sachin Kumar S. bearing University Seat No. 1DT16CS082 was a bonafide student of Dayananda Sagar Academy of Technology & Management, Bangalore which is affiliated to Visvesvaraya Technological University, Belagavi has completed the degree in Bachelor of Engineering (Computer Science & Engineering). The medium of instruction of the course was English.

(Prof. Satish Annigeri)
REGISTRAR (EVALUATION)
Registrar (Evaluation)
Visvesvaraya Technological University
"Jnana Sangama", Belgaum-590018