GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD

NR.VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE NR.VISAT THREE ROADS, VISAT - GANDHINAGAR HIGHWAY CHANDKHEDA, AHMEDABAD – 382424 - GUJARAT (INDIA).
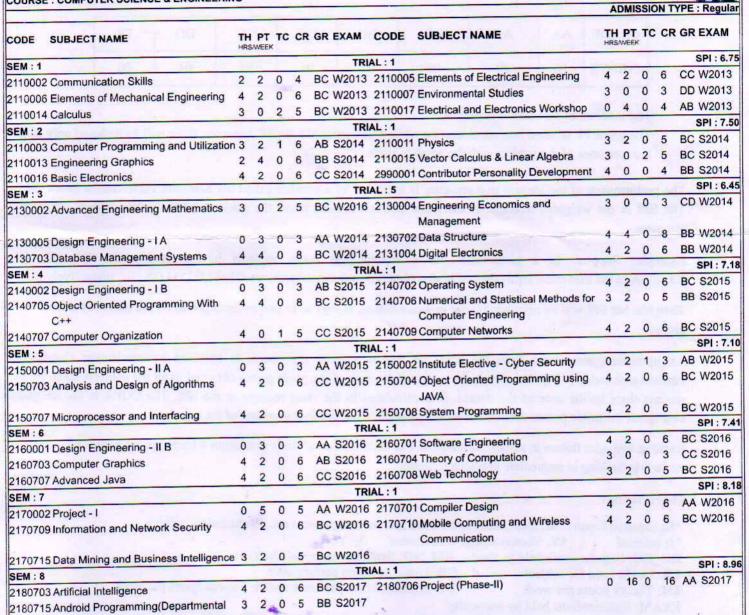
TRANSCRIPT (BACHELOR OF ENGINEERING)

Token No: **010423454549-139TZ5**

ENROLL NO : 130840131058
NAME : TAILOR DHRUV DINESHBHAI
COLLEGE : FACULTY OF ENGINEERING ,TECHNOLOGY AND RESEARCH. BARDOLI, SURAT (084)
COURSE : COMPUTER SCIENCE & ENGINEERING

ADMISSION TYPE : Regular

CODE	SUBJECT NAME	TH	PT	TC	CR	GR	EXAM	CODE	SUBJECT NAME	TH	PT	TC	CR	GR	EXAM
SEM : 1							TRIAL : 1								**SPI : 6.75**
2110002	Communication Skills	2	2	0	4	BC	W2013	2110005	Elements of Electrical Engineering	4	2	0	6	CC	W2013
2110006	Elements of Mechanical Engineering	4	2	0	6	BC	W2013	2110007	Environmental Studies	3	0	0	3	DD	W2013
2110014	Calculus	3	0	2	5	BC	W2013	2110017	Electrical and Electronics Workshop	0	4	0	4	AB	W2013
SEM : 2							TRIAL : 1								**SPI : 7.50**
2110003	Computer Programming and Utilization	3	2	1	6	AB	S2014	2110011	Physics	3	2	0	5	BC	S2014
2110013	Engineering Graphics	2	4	0	6	BB	S2014	2110015	Vector Calculus & Linear Algebra	3	0	2	5	BC	S2014
2110016	Basic Electronics	4	2	0	6	CC	S2014	2990001	Contributor Personality Development	4	0	0	4	BB	S2014
SEM : 3							TRIAL : 5								**SPI : 6.45**
2130002	Advanced Engineering Mathematics	3	0	2	5	BC	W2016	2130004	Engineering Economics and Management	3	0	0	3	CD	W2014
2130005	Design Engineering - I A	0	3	0	3	AA	W2014	2130702	Data Structure	4	4	0	8	BB	W2014
2130703	Database Management Systems	4	4	0	8	BC	W2014	2131004	Digital Electronics	4	2	0	6	BB	W2014
SEM : 4							TRIAL : 1								**SPI : 7.18**
2140002	Design Engineering - I B	0	3	0	3	AB	S2015	2140702	Operating System	4	2	0	6	BC	S2015
2140705	Object Oriented Programming With C++	4	4	0	8	BC	S2015	2140706	Numerical and Statistical Methods for Computer Engineering	3	2	0	5	BB	S2015
2140707	Computer Organization	4	0	1	5	CC	S2015	2140709	Computer Networks	4	2	0	6	BC	S2015
SEM : 5							TRIAL : 1								**SPI : 7.10**
2150001	Design Engineering - II A	0	3	0	3	AA	W2015	2150002	Institute Elective - Cyber Security	0	2	1	3	AB	W2015
2150703	Analysis and Design of Algorithms	4	2	0	6	CC	W2015	2150704	Object Oriented Programming using JAVA	4	2	0	6	BC	W2015
2150707	Microprocessor and Interfacing	4	2	0	6	CC	W2015	2150708	System Programming	4	2	0	6	BC	W2015
SEM : 6							TRIAL : 1								**SPI : 7.41**
2160001	Design Engineering - II B	0	3	0	3	AA	S2016	2160701	Software Engineering	4	2	0	6	BC	S2016
2160703	Computer Graphics	4	2	0	6	AB	S2016	2160704	Theory of Computation	3	0	0	3	CC	S2016
2160707	Advanced Java	4	2	0	6	CC	S2016	2160708	Web Technology	3	2	0	5	BC	S2016
SEM : 7							TRIAL : 1								**SPI : 8.18**
2170002	Project - I	0	5	0	5	AA	W2016	2170701	Compiler Design	4	2	0	6	AA	W2016
2170709	Information and Network Security	4	2	0	6	BC	W2016	2170710	Mobile Computing and Wireless Communication	4	2	0	6	BC	W2016
2170715	Data Mining and Business Intelligence	3	2	0	5	BC	W2016								
SEM : 8							TRIAL : 1								**SPI : 8.96**
2180703	Artificial Intelligence	4	2	0	6	BC	S2017	2180706	Project (Phase-II)	0	16	0	16	AA	S2017
2180715	Android Programming(Departmental Elective - III)	3	2	0	5	BB	S2017								

THIS IS TO CERTIFY THAT **TAILOR DHRUV DINESHBHAI** HAS CLEARED HIS/HER (BACHELOR OF ENGINEERING) IN BRANCH COMPUTER SCIENCE & ENGINEERING WITH CGPA OF **7.89** in Jun 2017 .

REGISTRAR

1. • On the basis of his/her performance in examinations, assignments, practical exam (if any) student is awarded a grade. These grades are described by the letters AA, AB, BB etc. and have a numerical equivalent called the grade point as given below:

GRADE	AA	AB	BB	BC	CC	CD	DD	FF
POINTS	10	09	08	07	06	05	04	00

   • The medium of Instruction is English.-
   • The grade FF is taken into consideration while calculating SPI & CPI, however, these will be replaced only after the clearance of the subject with the passing grade.

2. The performance of the student in a semester is indicated by a number called the Semester Performance Index (SPI). The SPI is the weighted average of the grade points obtained in all the subjects taken by the student during the semester.

   Example: Suppose in a given semester a student has taken subjects having credits C1, C2, C3, C4, C5 ….. And the numerical equivalent of grades obtained in those subjects are G1,G2,G3,G4,G5…… respectively.

   Then his/ her SPI will be calculated (after re-examination, if any) up to two decimal places on the basis of the final grades.

   An up-to-date assessment from the time the student entered the course is obtained by calculating Cumulative Performance index (CPI). The CPI is the weighted average of the grade points obtained in all the subjects taken by the student since he/she entered the course. It is calculated in the same manner as the SPI. The CGPA is the weighted average of the grade points obtained in all the subjects in the last four semester of the course.

3. Backlog indicates failure in respective subjects. For continuation of study maximum 4 backlogs are permitted, excluding backlog in immediate previous semester.

4. **Abbreviations**:

   *E: External Exam *M: test/Quizzes/mid terms and /or assignments etc. conducted by college.
   *I: Internal   *V: Viva/Practical   #: Absent   Y: Yes
   RG_NO: Regular exam held in Year   RM_NO: Remedial exam held in Year
   CR: Credit Earn for subject   GR: Grade based on performance
   TH: Theory hours per week   PT: Practical hours per week and/or Tutorial hours per week.
   EXAM: Examinations held by university
   WI_NO: Winter examinations held in year (Odd semester Regular/Even semester Remedial)
   SU_NO: Summer examination held in year (Even semester Regular/Odd semester Remedial)
   ADMISSION: **Regular**: 12th science passed entry at 1st year
             D2D: Diploma holder of relevant branch, lateral entry at 2nd year (3rd semester of degree course)

5. An equation to find equivalency between CPI/CGPA may be obtained as follow:
   Percentage Marks = (CPI/CGPA — 0.5) x 10.
   CPI/CGPA Equivalent Class shall be as follow:

CPI/CGPA	Below 5.5	5.5 & above	6.5 & above	7.1 & above
CLASS	Pass class	Second class	First class	First class with distinction

6. • For all courses, where the duration of the course is more than 2 years, the degree shall be awarded to the students on the basis of CGPA (Cumulative Grade Point Average) of the last four semester's performance in the exams.

   • In case of the courses where duration is of two years, the degree shall be conferred to students based upon CPI (Cumulative Performance Index) considering all the four semesters performance.

7. For B.pharm semester 7 and 8, 1.5 Hours of practical teaching is equivalent to 1 credit.