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)

ENROLL NO : 150510107079
NAME : PATEL RAJ SHAILESHKUMAR
COLLEGE : ALPHA COLLEGE OF ENGINEERING & TECHNOLOGY, KHATRAJ, KALOL (051)
COURSE : COMPUTER ENGINEERING

ADMISSION TYPE : Regular

CODE	SUBJECT NAME	TH	PT	CR	GR	EXAM	CODE	SUBJECT NAME	TH	PT	CR	GR	EXAM
		HRS/WEEK							HRS/WEEK				
SEM : 1						TRIAL : 1							SPI : 9.40
2110005	Elements of Electrical Engineering	4	2	6	AA	W2015	2110006	Elements of Mechanical Engineering	4	2	6	BB	W2015
2110007	Environmental Studies	3	0	3	BB	W2015	2110013	Engineering Graphics	2	4	6	AA	W2015
2110014	Calculus	3	2	5	AA	W2015	2110017	Electrical and Electronics Workshop	0	4	4	AA	W2015
SEM : 2						TRIAL : 1							SPI : 8.70
2110002	Communication Skills	2	2	4	BB	S2016	2110003	Computer Programming and Utilization	3	3	6	BB	S2016
2110011	Physics	3	2	5	AB	S2016	2110015	Vector Calculus & Linear Algebra	3	2	5	AA	S2016
2110016	Basic Electronics	4	2	6	AB	S2016	2990001	Contributor Personality Development	4	0	4	BB	S2016
SEM : 3						TRIAL : 1							SPI : 9.03
2130002	Advanced Engineering Mathematics	3	0	5	BB	W2016	2130004	Engineering Economics and Management	3	0	3	BB	W2016
2130005	Design Engineering - I A	0	3	3	AA	W2016	2130702	Data Structure	4	4	8	AB	W2016
2130703	Database Management Systems	4	4	8	AB	W2016	2131004	Digital Electronics	4	2	6	AA	W2016
SEM : 4						TRIAL : 1							SPI : 8.91
2140002	Design Engineering - I B	0	3	3	AA	S2017	2140702	Operating System	4	2	6	AB	S2017
2140705	Object Oriented Programming With C++	4	4	8	AB	S2017	2140706	Numerical and Statistical Methods for Computer Engineering	3	2	5	AB	S2017
2140707	Computer Organization	4	0	5	AB	S2017	2140709	Computer Networks	4	2	6	BB	S2017
SEM : 5						TRIAL : 1							SPI : 9.40
2150001	Design Engineering - II A	0	3	3	AA	W2017	2150002	Institute Elective - Cyber Security	0	2	3	AA	W2017
2150703	Analysis and Design of Algorithms	4	2	6	AA	W2017	2150704	Object Oriented Programming using JAVA	4	2	6	AA	W2017
2150707	Microprocessor and Interfacing	4	2	6	BB	W2017	2150708	System Programming	4	2	6	AB	W2017
SEM : 6						TRIAL : 1							SPI : 8.97
2160001	Design Engineering - II B	0	3	3	AA	S2018	2160701	Software Engineering	4	2	6	BB	S2018
2160704	Theory of Computation	3	0	3	BB	S2018	2160707	Advanced Java	4	2	6	AB	S2018
2160708	Web Technology	3	2	5	AA	S2018	2160711	.Net Technology	4	2	6	AB	S2018
SEM : 7						TRIAL : 1							SPI : 9.36
2170002	Project - I	0	5	5	AA	W2018	2170701	Compiler Design	4	2	6	AB	W2018
2170709	Information and Network Security	4	2	6	AB	W2018	2170710	Mobile Computing and Wireless Communication	4	2	6	AB	W2018
2170715	Data Mining and Business Intelligence	3	2	5	AA	W2018							
SEM : 8						TRIAL : 1							SPI : 9.59
2180703	Artificial Intelligence	4	2	6	AB	S2019	2180706	Project (Phase-II)	0	16	16	AA	S2019
2180713	Web Data Management	3	2	5	AB	S2019							

THIS IS TO CERTIFY THAT **PATEL RAJ SHAILESHKUMAR** HAS CLEARED HIS/HER (BACHELOR OF ENGINEERING) IN BRANCH COMPUTER ENGINEERING WITH CGPA OF **9.32** in May-2019 .

REGISTRAR

GUJARAT TECHNOLOGICAL UNIVERSITY ESTD 2007 AHMEDABAD

SYSTEM OF EVALUATION AND AWARD OF DEGREE (BE / B.PHARM)

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.

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