



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: 300823506467-18TZ4

ENROLL NO : 180320132051
NAME : SHAH DHAIRVI PINKESH
COLLEGE : L. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, AHMEDABAD (032)
COURSE : INFORMATION & COMMUNICATION TECHNOLOGY



ADMISSION TYPE : Regular

CODE	SUBJECT NAME	TH	PT	TC	CR	GR	EXAM	CODE	SUBJECT NAME	TH	PT	TC	CR	GR	EXAM
		HRS/WEEK						HRS/WEEK							
SEM : 1		TRIAL : 1										SPI : 9.00			
3110002	English	2	2	0	3	AA	W2018	3110003	Programming for Problem Solving	3	2	0	4	AB	W2018
3110005	Basic Electrical Engineering	3	2	0	4	AB	W2018	3110012	Workshop / Manufacturing Practices	0	4	0	2	AA	W2018
3110012	Workshop/ Manufacturing Practices	0	4	0	2	AA	W2018	3110014	Mathematics - 1	3	0	2	5	BB	W2018
3110017	Induction Program	0	0	0	0	PS	W2018	3110018	Physics	3	2	0	4	AB	W2018
SEM : 2		TRIAL : 1										SPI : 9.24			
3110006	Basic Mechanical Engineering	3	2	0	4	AB	S2019	3110007	Environmental Sciences	2	0	2	0	PS	S2019
3110013	Engineering Graphics & Design	2	4	0	4	AA	S2019	3110015	Mathematics - 2	3	0	2	5	AB	S2019
3110016	Basic Electronics	3	2	0	4	AB	S2019								
SEM : 3		TRIAL : 1										SPI : 9.22			
3130004	Effective Technical Communication	2	2	0	3	AB	W2019	3130006	Probability and Statistics	3	0	2	5	AB	W2019
3130007	Indian Constitution	2	0	0	0	PS	W2019	3130008	Design Engineering - I A	0	2	0	1	AA	W2019
3130702	Data Structures	3	4	0	5	AB	W2019	3130703	Database Management System	4	2	0	5	AB	W2019
3130703	Database Management Systems	4	2	0	5	AB	W2019	3130704	Digital Fundamentals	3	2	0	4	AA	W2019
SEM : 4		TRIAL : 1										SPI : 10.00			
3140005	Design Engineering 1 B	0	2	0	1	AA	S2020	3140005	Design Engineering- I B	0	2	0	1	AA	S2020
3140702	Operating System	4	2	0	5	AA	S2020	3140707	Computer Organization & Architecture	3	2	0	4	AA	S2020
3140708	Discrete Mathematics	3	0	2	5	AA	S2020	3140709	Principles of Economics and Management	3	0	0	3	AA	S2020
3143201	Data Communication & Computer Networks	4	2	0	5	AA	S2020	3143201	Data Communication and Computer Networks	4	2	0	5	AA	S2020
SEM : 5		TRIAL : 1										SPI : 9.39			
3150001	Design Engineering - II A	0	2	0	1	AA	W2020	3150005	Integrated Personality Development Course	2	0	0	2	AA	W2020
3150703	Analysis and Design of Algorithms	4	2	0	5	AB	W2020	3150713	Python for Data Science	2	2	0	3	AB	W2020
3151910	Operation Research	3	0	0	3	BB	W2020	3153203	Object Oriented Programming with Java	4	2	0	5	AA	W2020
3153204	Adavanced Network Protocols	3	2	0	4	AA	W2020								
SEM : 6		TRIAL : 1										SPI : 10.00			
3160001	Design Engineering II B	0	2	0	1	AA	S2021	3160003	Integrated Personality Development Course	2	0	0	2	AA	S2021
3161608	Artificial Intelligence	3	2	0	4	AA	S2021	3163206	Analog and Digital Communication	3	2	0	4	AA	S2021
3163207	Microprocessor and Microcontroller	4	2	0	5	AA	S2021	3163209	Data Mining and Business Intelligence	3	2	0	4	AA	S2021
3163213	Cyber Crime and Mitigation	3	0	0	3	AA	S2021								
SEM : 7		TRIAL : 1										SPI : 9.67			
3170001	Summer Internship	0	0	0	2	AA	W2021	3170724	Machine Learning	3	2	0	4	AB	W2021
3171614	Computer Vision	3	2	0	4	AB	W2021	3173211	System and Network Security	3	0	0	3	AA	W2021
3173212	Telecommunication Engineering	3	2	0	4	AA	W2021	3173213	Software Engineering	3	2	0	4	AA	W2021
3173215	IOT and its applications	2	2	0	3	AA	W2021								
SEM : 8		TRIAL : 1										SPI : 10.00			
3183201	Internship/Project	0	24	0	12	AA	S2022								

THIS IS TO CERTIFY THAT **SHAH DHAIRVI PINKESH** HAS CLEARED HIS/HER (BACHELOR OF ENGINEERING) IN BRANCH INFORMATION & COMMUNICATION TECHNOLOGY WITH CGPA OF **9.73** in Jun 2022 .



REGISTRAR



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

- 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.

- 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.

- 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)

- An equation to find equivalency between CPI/CGPA may be obtained as follow:

Percentage Marks = $(\text{CPI/CGPA} - 0.5) \times 10$.

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

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

