



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: 050724626353-113TZ1

ENROLL NO : 200280113001
NAME : ARYAMAN SRIVASTAVA
COLLEGE : L. D. COLLEGE OF ENGINEERING, AHMEDABAD (028)
COURSE : ENVIRONMENTAL ENGINEERING



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 : 8.59							
3110003	Programming for Problem Solving	3	2	0	4	AB	W2020	3110004	Basic Civil Engineering	3	2	0	4	AA	W2020
3110007	Environmental Sciences	2	0	2	0	PS	W2020	3110013	Engineering Graphics & Design	2	4	0	4	AA	W2020
3110014	Mathematics - 1	3	0	2	5	CC	W2020	3110017	Induction Program	0	0	0	0	PS	W2020
SEM : 2															
TRIAL : 1								SPI : 9.00							
3110001	Chemistry	3	2	0	4	AA	S2021	3110002	English	2	2	0	3	AA	S2021
3110005	Basic Electrical Engineering	3	2	0	4	BB	S2021	3110006	Basic Mechanical Engineering	3	2	0	4	BB	S2021
3110012	Workshop/ Manufacturing Practices	0	4	0	2	BC	S2021	3110015	Mathematics - 2	3	0	2	5	AA	S2021
SEM : 3															
TRIAL : 1								SPI : 7.87							
3130004	Effective Technical Communication	2	2	0	3	BB	W2021	3130007	Indian Constitution	2	0	0	0	PS	W2021
3130008	Design Engineering - I A	0	2	0	1	AA	W2021	3131302	Environmental Microbiology & Bioremediation	3	2	0	4	BB	W2021
3131305	Environmental Chemistry-I	4	2	0	5	BB	W2021	3131306	Unit Operations & Processes in Chemical Industries	4	2	0	5	BC	W2021
3131307	Basics of Environmental Hydraulics	4	2	0	5	BB	W2021								
SEM : 4															
TRIAL : 1								SPI : 7.04							
3140005	Design Engineering 1 B	0	2	0	1	AA	S2022	3141308	Environmental Resource management	2	0	1	3	CC	S2022
3141309	Fundamentals of Wastewater Quality	3	4	0	5	BB	S2022	3141310	Occupational Health & Safety	3	0	1	4	CC	S2022
3141311	Municipal & Industrial Solid Waste Management	4	2	0	5	BC	S2022	3141312	Municipal Engineering	4	2	0	5	BC	S2022
SEM : 5															
TRIAL : 1								SPI : 8.13							
3150001	Design Engineering - II A	0	2	0	1	AA	W2022	3150004	Contributor Personality Development Program	2	0	0	2	AA	W2022
3151302	Advance Environmental Instrumentation	3	2	0	4	BB	W2022	3151303	Physico-chemical Treatment Technology	4	2	0	5	BB	W2022
3151308	Basics of Remote Sensing & GIS	2	0	1	3	BC	W2022	3151309	Fundamentals of Air Pollution	4	2	0	5	BB	W2022
3151311	Groundwater Hydrology and Contamination	3	0	0	3	BB	W2022								
SEM : 6															
TRIAL : 1								SPI : 7.26							
3160001	Design Engineering II B	0	2	0	1	AA	S2023	3160002	Contributor Personality Development Program	2	0	0	2	AA	S2023
3161304	Biological Processes for Wastewater Treatment	3	2	0	4	BC	S2023	3161306	Design of water Treatment Units	3	0	2	5	BC	S2023
								3161308	Air Pollution Control and Management	3	0	1	4	CC	S2023
3161310	Environmental Legislation & Audit	3	0	1	4	BB	S2023	3161312	Global Warming and Climate Change	3	0	0	3	CC	S2023
SEM : 7															
TRIAL : 1								SPI : 8.33							
3170001	Summer Internship	0	0	0	2	AA	W2023	3171303	Industrial Wastewater Pollution and Control	3	2	0	4	BB	W2023
3171304	Cleaner Production and Waste Utilization	2	2	0	3	BB	W2023	3171306	Wastewater Engineering	3	2	0	4	BC	W2023
								3171307	Design of Air Pollution Control Equipments	2	2	0	3	BB	W2023
3171309	Advanced Wastewater Treatment Technologies	3	2	0	4	BB	W2023	3171311	Environmental Impact Assessment	3	2	0	4	AA	W2023
SEM : 8															
TRIAL : 1								SPI : 10.00							
3181301	Internship/Project	0	24	0	12	AA	S2024								

THIS IS TO CERTIFY THAT ARYAMAN SRIVASTAVA HAS CLEARED HIS/HER (BACHELOR OF ENGINEERING) IN BRANCH ENVIRONMENTAL ENGINEERING WITH CGPA OF 8.22 in Jun 2024 .



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.

