



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: 090424590909-7TZ4

ENROLL NO : 160030107003

NAME : ANTALA PARTH ROHITBHAI

COLLEGE : ATMIYA INSTITUTE OF TECHNOLOGY & SCIENCE, RAJKOT (003)

COURSE : COMPUTER 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 : 7.57 | | | |
| 2110002 | Communication Skills | 2 | 2 | 0 | 4 | BB | W2016 | 2110005 | Elements of Electrical Engineering | 4 | 2 | 0 | 6 | BC | W2016 |
| 2110011 | Physics | 3 | 2 | 0 | 5 | BC | W2016 | 2110013 | Engineering Graphics | 2 | 4 | 0 | 6 | BB | W2016 |
| 2110014 | Calculus | 3 | 0 | 2 | 5 | CC | W2016 | 2110017 | Electrical and Electronics Workshop | 0 | 4 | 0 | 4 | AA | W2016 |
| SEM : 2 | | TRIAL : 1 | | | | | | | | | | SPI : 8.2 | | | |
| 2110003 | Computer Programming And Utilization | 3 | 2 | 1 | 6 | BB | S2017 | 2110006 | Elements of Mechanical Engineering | 4 | 2 | 0 | 6 | AB | S2017 |
| 2110007 | Environmental Studies | 3 | 0 | 0 | 3 | BC | S2017 | 2110015 | Vector Calculus And Linear Algebra | 3 | 0 | 2 | 5 | AB | S2017 |
| 2110016 | Basic Electronics | 4 | 2 | 0 | 6 | BC | S2017 | 2990001 | Contributor Personality Development | 4 | 0 | 0 | 4 | AB | S2017 |
| SEM : 3 | | TRIAL : 1 | | | | | | | | | | SPI : 7.21 | | | |
| 2130002 | Advance Engineering Mathematics | 3 | 0 | 2 | 5 | CC | W2017 | 2130004 | Engineering Economics and Management | 3 | 0 | 0 | 3 | CC | W2017 |
| 2130005 | Design Engineering I-A | 0 | 3 | 0 | 3 | AA | W2017 | 2130702 | Data structures | 4 | 4 | 0 | 8 | CC | W2017 |
| 2130703 | Database Management Systems | 4 | 4 | 0 | 8 | BB | W2017 | 2131004 | Digital Electronics | 4 | 2 | 0 | 6 | BB | W2017 |
| SEM : 4 | | TRIAL : 1 | | | | | | | | | | SPI : 7.15 | | | |
| 2140002 | Design Engineering - I B | 0 | 3 | 0 | 3 | AA | S2018 | 2140702 | Operating System | 4 | 2 | 0 | 6 | BB | S2018 |
| 2140705 | Object Oriented Programming With C++ | 4 | 4 | 0 | 8 | BC | S2018 | 2140706 | Numerical and Statistical Methods for Computer Engineering | 3 | 2 | 0 | 5 | BC | S2018 |
| 2140707 | Computer Organization | 4 | 0 | 1 | 5 | CD | S2018 | 2140709 | Computer Networks | 4 | 2 | 0 | 6 | BC | S2018 |
| SEM : 5 | | TRIAL : 1 | | | | | | | | | | SPI : 7.30 | | | |
| 2150001 | Design Engineering - II A | 0 | 3 | 0 | 3 | BB | W2018 | 2150002 | Institute Elective - Cyber Security | 0 | 2 | 1 | 3 | AB | W2018 |
| 2150703 | Analysis and Design of Algorithms | 4 | 2 | 0 | 6 | BB | W2018 | 2150704 | Object Oriented Programming using JAVA | 4 | 2 | 0 | 6 | BC | W2018 |
| 2150707 | Microprocessor and Interfacing | 4 | 2 | 0 | 6 | BC | W2018 | 2150708 | System Programming | 4 | 2 | 0 | 6 | CC | W2018 |
| SEM : 6 | | TRIAL : 1 | | | | | | | | | | SPI : 7.21 | | | |
| 2160001 | Design Engineering - II B | 0 | 3 | 0 | 3 | AA | S2019 | 2160701 | Software Engineering | 4 | 2 | 0 | 6 | BC | S2019 |
| 2160704 | Theory of Computation | 3 | 0 | 0 | 3 | CC | S2019 | 2160707 | Advanced Java | 4 | 2 | 0 | 6 | BC | S2019 |
| 2160708 | Web Technology | 3 | 2 | 0 | 5 | BC | S2019 | 2160711 | .Net Technology | 4 | 2 | 0 | 6 | BC | S2019 |
| SEM : 7 | | TRIAL : 1 | | | | | | | | | | SPI : 7.75 | | | |
| 2170002 | Project - I | 0 | 5 | 0 | 5 | AA | W2019 | 2170701 | Compiler Design | 4 | 2 | 0 | 6 | BB | W2019 |
| 2170709 | Information and Network Security | 4 | 2 | 0 | 6 | BB | W2019 | 2170710 | Mobile Computing and Wireless Communication | 4 | 2 | 0 | 6 | CC | W2019 |
| 2170715 | Data Mining and Business Intelligence | 3 | 2 | 0 | 5 | BC | W2019 | | | | | | | | |
| SEM : 8 | | TRIAL : 1 | | | | | | | | | | SPI : 10.00 | | | |
| 2180703 | Artificial Intelligence | 4 | 2 | 0 | 6 | AA | S2020 | 2180706 | Project (Phase-II) | 0 | 16 | 0 | 16 | AA | S2020 |
| 2180712 | Cloud Infrastructure and Services | 3 | 2 | 0 | 5 | AA | S2020 | | | | | | | | |

THIS IS TO CERTIFY THAT **ANTALA PARTH ROHITBHAI** HAS CLEARED HIS/HER (BACHELOR OF ENGINEERING) IN BRANCH **COMPUTER ENGINEERING** WITH CGPA OF **8.03** in Aug-2020 .



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 = (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 |

- 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.

