

GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD

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

TRANSCRIPT (DIPLOMA)

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COLLEGE: L. J. POLYTECHNIC, AHMEDABAD (633)
COURSE: MECHANICAL ENGINEERING



| | | | | | | | | | Α | DMI | ISSI | T NC | YPE | : Regula |
|---|-----|----|----|----|----|-------|---------|-------------------------------------|-----|------|------|------|-----|------------|
| CODE SUBJECT NAME | TH | PT | TC | CR | GR | EXAM | CODE | SUBJECT NAME | | I PT | | CR | GR | EXAM |
| SEM:1 TRIAL:1 SPI: 8.21 | | | | | | | | | | | | | | |
| 3300001 Basic Mathematics | 2 | 0 | 2 | 4 | ВС | W2017 | 3300002 | English | 3 | 0 | 2 | 5 | ВС | W2017 |
| 3300003 Environment Conservation And Hazar | d 4 | 0 | 0 | 4 | ВС | W2017 | 3300004 | ENGINEERING PHYSICS (GROUP- | 1 3 | 2 | 0 | 5 | AB | W2017 |
| Management) | | | | | | | | | | | | | | |
| 3300007 Basic Engineering Drawing | 2 | 4 | 0 | 6 | AΒ | W2017 | 3301901 | Engineering Workshop Practices | 0 | 4 | 0 | 4 | AΑ | W2017 |
| | | | | | | | | SPI: 9.4 | | | | | | |
| 3300008 Applied Mechanics | 3 | 2 | 0 | 5 | AB | S2018 | | ADVANCED MATHEMATICS(GROUP 2) | - 2 | 0 | 2 | 4 | AB | S2018 |
| 3320004 Basic Of Civil Engineering | 0 | 2 | 1 | 3 | AA | S2018 | 3321901 | Mechanical Drafting | 2 | 6 | 0 | 8 | AB | S2018 |
| 3321902 Material Science and Metallurgy | 3 | 2 | 0 | 5 | AA | S2018 | 3990001 | Contributor Personality Development | 4 | 0 | 0 | 4 | AA | S2018 |
| SEM: 3 | | | | | | TRI | AL:1 | | | | | | | SPI : 8.25 |
| 3330001 Human Resource Management | 2 | 0 | 0 | 2 | AB | W2018 | 3331901 | MANUFACTURING ENGINEERING-I | 3 | 4 | 0 | 7 | AB | W2018 |
| 3331902 THERMODYNAMICS | 3 | 0 | 0 | 3 | CC | W2018 | 3331903 | FLUID MECHANICS AND | 4 | 2 | 0 | 6 | AB | W2018 |
| | | | | | | | | HYDRAULIC MACHINES | | | | | | |
| 3331904 STRENGTH OF MATERIAL | 3 | 2 | 0 | 5 | ВВ | W2018 | 3331905 | Applied Electrical And Electronic | 3 | 2 | 0 | 5 | ВС | W2018 |
| | | | | | | | | Engineering | | | | | | |
| 3331906 COMPUTER AIDED MACHINE | 0 | 4 | 0 | 4 | AB | W2018 | | | | | | | | |
| DRAWING | | | | | | | | | | | | | | |
| SEM: 4 | | | | | | TRI | AL:1 | | | | | | | SPI : 7.80 |
| 3341901 Manufacturing Engineering - ii | 3 | 4 | 0 | 7 | AB | S2019 | 3341902 | THERMAL ENGINEERING-I | 3 | 2 | 0 | 5 | ВС | S2019 |
| 3341903 Theory Of Machines | 4 | 2 | 0 | 6 | BB | S2019 | 3341904 | Computer Aided Design | 2 | 2 | 0 | 4 | ВС | S2019 |
| 3341905 Metrology & Instrumentation | 4 | 4 | 0 | 8 | BB | S2019 | 3341906 | Plant Maintenance And Safety | 3 | 2 | 0 | 5 | ВС | S2019 |
| SEM: 5 | | | | | | TRIA | AL:1 | | | | | | | SPI: 8.00 |
| 3351901 THERMAL ENGINEERING-II | 2 | 2 | 0 | 4 | ВВ | W2019 | 3351902 | Design Of Machine Elements | 3 | 2 | 0 | 5 | ВВ | W2019 |
| 3351903 MANUFACTURING ENGINEERING-III | 13 | 4 | 0 | 7 | BB | W2019 | 3351904 | Industrial Engineering | 3 | 2 | 0 | 5 | вс | W2019 |
| 3351905 Estimating, Costing And Engineering | 2 | 2 | 0 | 4 | вв | W2019 | 3351906 | Self Employment And Entrepreneurshi | рЗ | 2 | 0 | 5 | ΑB | W2019 |
| Contracting | | | | | | | | Development | | | | | | |
| 3351908 PROJECT-I | 0 | 3 | 1 | 4 | BB | W2019 | | | | | | | | |
| SEM: 6 TRIAL: 1 SPI: 9.29 | | | | | | | | | | | | | | |
| 3361901 Computer Aided Manufacturing | 2 | 2 | 0 | 4 | AB | S2020 | 3361902 | Tool Engineering | 3 | 2 | 0 | 5 | BB | S2020 |
| 3361903 Industrial Management | 3 | 0 | 0 | 3 | ВВ | S2020 | 3361904 | Manufacturing Systems. | 3 | 2 | 0 | 5 | AA | S2020 |
| 3361905 Fabrication Technology. | 3 | 2 | 0 | 5 | ΔΔ | S2020 | 3361010 | PROJECT-II | 0 | 6 | 0 | 6 | ۸۸ | S2020 |

WITH CGPA OF 8.29 in Aug-2020.

REGISTRAR



SYSTEM OF EVALUATION AND AWARD OF DEGREE

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 | ВС | CC | CD | DD | FF |
|--------|----|----|----|----|----|----|----|----|
| POINTS | 10 | 09 | 08 | 07 | 06 | 05 | 04 | 00 |

- 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. However the SPI shown in transcript reflects first attempt performance only.

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:

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

W: Winter examinations held in year (Odd semester Regular/Even semester Remedial) S: Summer examination held in year (Even semester Regular/Odd semester Remedial)

ADMISSION: Regular: 10th science passed entry at 1st year

DLM : Distance Learning Mode (Course duration 8 semester. 10th science passed entry at 1st Year)

C2D : Lateral entry at 2nd year (3rd semester of diploma course) to the Certificate holder students

with the condition to clear bridge course.

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

Percentage Marks = $(CPI/CGPA - 0.5) \times 10$. 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 |

- 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.

