



Lok Jagruti Kendra University

University with a Difference

Ahmedabad - 382210, INDIA
(Established by Gujarat Act No. 19 of 2019)

Semester Performance Report



L J Institute of Engineering & Technology

Programme : Bachelor of Engineering

Semester : II

Specialization : Computer Engineering

Month and Year of Passing : Sep-22

Enrollment No. (New) : 21002170110026

Enrollment No. (Old) :

Name : DEVSHREE VITESH SHAH

Medium of Instruction : English

| Code | Course Title | Credit | Theory Grade | Practical Grade | Overall Grade |
|-----------|---|--------|--------------|-----------------|---------------|
| 017011291 | Mathematics - II | 5 | A | - | A |
| 017013291 | Database Management System | 6 | B++ | A++ | A+ |
| 017013292 | Data Structures | 6 | A | O | A++ |
| 017013293 | Introduction to Computer Networks | 5 | A | O | A+ |
| 017012291 | Fundamental of Electronics and Electrical Engineering | 4 | A++ | A+ | A++ |

| MOOC Course Title | Platform | University Name | Result |
|-------------------------------------|----------|------------------------------------|--------|
| Data Structures | Coursera | University of California San Diego | 99.65 |
| The Structured Query Language (SQL) | Coursera | University of Colorado Boulder | 95.97 |

| Semester Performance Index | | | | Progressive Performance Index | | | |
|---|----------------|---------------------|---------------|-------------------------------|----------------|---------------------|---------------|
| Credits Offered | Credits Earned | Grade Points Earned | SPI Out of 10 | Credits Offered | Credits Earned | Grade Points Earned | PPI Out of 10 |
| 26 | 26 | 198 | 7.62 | 44 | 44 | 360 | 8.18 |
| Cumulative Grade point Average (CGPA) → | | | | - | - | - | - |

Result : Pass

Class : First with Distinction

* Marks and credits for these subjects will not be considered for class or total. " Dependent subject".

Date of issue : 20 October, 2022

Statement No.: 1 2 2 1 7 0 1 2 0 2 6



Mina Shah

Registrar

EVALUATION SCHEME

The performance of a student is evaluated on the basis of continuous and semester-end examinations with letter grades O+++, O++, O+, O, A++, A+, A, B++, B+... etc. which have numerical equivalents called grade points as indicated below:

| Sr. No. | Marks or % Range out of 100 | | Grade | Grade Point | Description of Grade Point | Subject Overall grade is calculated using Weighted Sum Method. | |
|---------|-----------------------------|-----|-------|-------------|------------------------------|--|--|
| 1 | 95 | 100 | O+++ | 10 | First Class with Distinction | Theory Part Credit : | A |
| 2 | 90 | 94 | O++ | 9.5 | | Practical Part Credit : | B |
| 3 | 85 | 89 | O+ | 9 | | Total Subject Credit : Theory Credit + Practical Credit | C = A + B |
| 4 | 80 | 84 | O | 8.5 | | | |
| 5 | 75 | 79 | A++ | 8 | | | |
| 6 | 70 | 74 | A+ | 7.5 | | | |
| 7 | 65 | 69 | A | 7 | First | Theory Marks Secured (out of 100) : | X |
| 8 | 60 | 64 | B++ | 6.5 | Higher Second | Practical Marks Secured (out of 100) : | Y |
| 9 | 55 | 59 | B+ | 6 | | | |
| 10 | 50 | 54 | B | 5.5 | Second | | |
| 11 | 45 | 49 | C | 5 | Pass | Overall Subject Marks (out of 100) : | Weighted Sum of Theory Marks + Practical Marks |
| 12 | 40 | 44 | D | 4.5 | | | |
| 13 | 35 | 39 | E | 4 | | | |
| 14 | 0 | 34 | F | 0 | Fail | Weighted Sum Formula = $\frac{(X \times A) + (Y \times B)}{(A + B)}$ | |

The performance of a student in a semester is indicated by a number called SPI (Semester Performance Index). 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, and G5 respectively.

$$SPI = \frac{\left[\frac{(\text{Theory Grade Points Earned} \times \text{Theory Credits}) + (\text{Practical Grade Points Earned} \times \text{Practical Credits})}{\text{Total Offered Credits}} \right]}{\sum_{i=1}^n C_i G_i} = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

SPI will be calculated (after re-examination, if any) up to two decimal places on the basis of the final grades.

An overall assessment of the student is obtained by calculating PPI (Progressive Performance Index). The PPI 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 (Cumulative Grade Points Average) is the weighted average of the grade points obtained in all the subjects in the last six semesters of the course.

Detention : A student will be detained in Semester 6, if he/she fails to earn minimum 80 credits from Semester 1 to 5

Formula for conversion of equivalent percentage of PPI

An equation to find Percentage of PPI or CGPA is as follows: Percentage Marks = $(PPI \text{ or } CGPA - 0.5) \times 10$

SPI or PPI or CGPA equivalent class shall be as follows:

Below 3.50 : Fail

3.50 -4.99 : Pass Class

5.00 - 5.49 : Second Class

5.50 - 5.99 : Higher Second Class

6.00-6.99 : First Class

7.00 and above: 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 of the last six semesters' performance in the exams.

In case of the courses, where duration is of two years, the degree shall be awarded to students based on PPI considering the performance in all four semesters.