Dr. D. Y. Patil Education Society's

D. Y. PATIL TECHNICAL CAMPUS

Faculty of Engineering & Faculty of Management,

Talsande, Kolhapur– 416112.

(An Autonomous Institute under Shivaji University, Kolhapur)

AY 2024-25

EXAMINATION GUIDELINES FOR STUDENTS

FOR AUTONOMOUS INSTITUTE

(FOR F.Y. UNDER SEMESTER PATTERN)

UG and PG PROGRAMS

Academic Year 2024-25

Wathar - Warna Nagar Road, Talsande, Kolhapur, Maharashtra 416112

Phone: +919860618828
Web: https://foet.dypgroup.edu.in/

Preamble:

D.Y. Patil Technical Campus faculty of Engineering & faculty of Management Talsande, an institute founded in 2011 embodies the vision of its founder president, Hon. Dr. D. Y. Patil, Ex-Governor of Bihar has created new realms for the people in India, which is affordable for both education and health facilities. Under his able guidance and leadership, the state of Maharashtra has seen development in the field of education and healthcare. The extensive experience and broad perspective of the founder president have been instrumental in establishing the institute's reputation as a premier institution in the fields of Engineering and Management. The Institute is permanently affiliated to Shivaji University, Kolhapur and is approved by AICTE, New Delhi. The Institute is accredited with "A" grade (3.25 CGPA) by NAAC in the first cycle and has been conferred Academic Autonomy from UGC, New Delhi and Shivaji University, Kolhapur in July 2024. The institute is located 25 Km from the place of Kolhapur city.

Credit: A credit system is a systematic way of describing an educational program by attaching credits to its components. A course credit (or just credit or "unit") is a basic measure of student workload. In other words, it is a standard method adopted by DYPTC like many other institutes for specifying the number of hours of learning effort that a student is expected to put in while completing a course, like 1 hour Lecture- 1 Credit, 2 hours Practical – 1 Credit, 1 hour Tutorial – 1 Credit.

Choice Based Credit System (CBCS): The CBCS provides choice for students to select from the prescribed courses (core, elective or minor or soft skill courses).
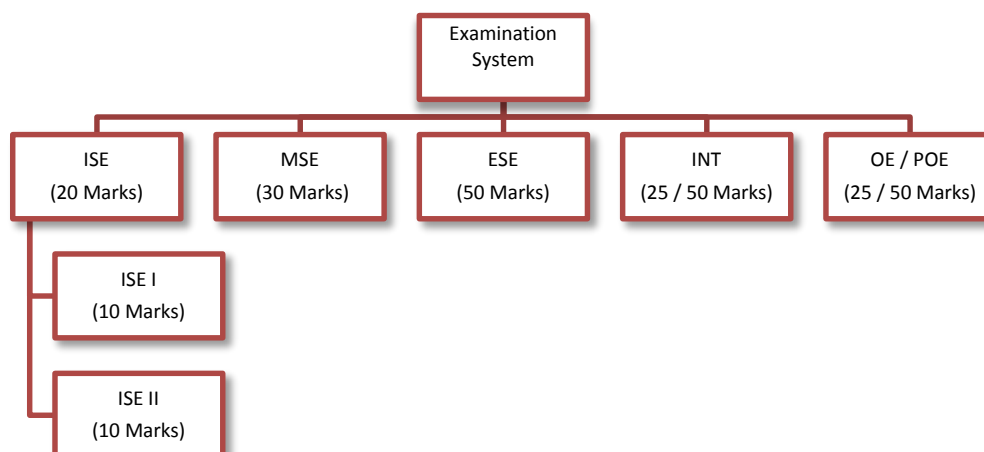
Grade Point: It is a numerical weight allotted to each letter grade on a 10-point scale.

Credit Point: It is the product of grade point and number of credits for a course.

Semester Grade Point Average (SGPA): It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.

Cumulative Grade Point Average (CGPA): It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

Examination System:

```
                          ┌─────────────┐
                          │ Examination │
                          │   System    │
                          └──────┬──────┘
        ┌──────────┬─────────────┼──────────────┬──────────────┐
  ┌─────┴────┐ ┌───┴────┐  ┌─────┴────┐  ┌───────┴─────┐ ┌──────┴──────┐
  │   ISE    │ │  MSE   │  │   ESE    │  │    INT      │ │  OE / POE   │
  │(20 Marks)│ │(30 Mks)│  │(50 Marks)│  │(25/50 Marks)│ │(25/50 Marks)│
  └─────┬────┘ └────────┘  └──────────┘  └─────────────┘ └─────────────┘
        │   ┌──────────┐
        ├───┤  ISE I   │
        │   │(10 Marks)│
        │   └──────────┘
        │   ┌──────────┐
        └───┤  ISE II  │
            │(10 Marks)│
            └──────────┘
```

Passing Criteria :

1. **For UG:** There is separate passing criteria for (ISE I + ISE II + MSE), INT, OE/POE and ESE. Student should be get minimum 40% in each of the above mentioned assessment tools.
2. **For PG:** There is separate passing criteria for (ISE + MSE), INT, OE and ESE. Student should be get minimum 40% in each of the above mentioned assessment tools.

Syllabus Distribution for Examination (UG):

Sr. No	Examination	Expected Completion of Curriculum (Percentage)
1	ISE I	Upto 25 %
2	MSE	Upto 50 %
3	ISE II	50% to 75 %
4	ESE	All 100 %

In-Semester Evaluation (UG / PG)

- For UG courses there shall be 2 ISE (ISE I and ISE II) in a semester each having 10 marks. The assessment tool used by course teacher should be informed at beginning of semester. These tools can be one of from the list mentioned below.

  List: Open book Test/ Class Test/ MCQ/ Case study/ Assignment/ Seminar /Oral/ Field work Report / Paper publication

- For PG courses there shall be 1 ISE in a semester each having 20 marks. Any two assessment tool used by course teacher and should be informed at beginning of semester. The list of assessment tools mentioned below.

  List: Open book Test/ Class Test/ MCQ/ Case study/ Assignment/ Seminar /Oral/ Field work Report / Paper publication

Mid-Semester Examination for Theory Course (UG /PG)

- For UG MSE of theory courses shall be of 30 marks and maximum duration provided shall be 1 hours and conducted by central examination cell.
- For PG MSE of theory courses shall be of 20 Marks and maximum duration provided shall be 1 hours and conducted by central examination cell.

End-Semester Examination for Theory Course (UG / PG)

- **Eligibility:** For a student to be eligible for ESE he/she must fulfill the criteria of minimum attendance (>=75%) and also the satisfactory completion of all ISE +MSE components, no involvement in malpractice and minimum passing criteria (ISE+MSE>=40%)
- For UG courses ESE of theory courses shall be of 50 marks and maximum duration provided shall be 2 hours and conducted by central examination cell. The examination shall be based on entire syllabus of the respective course. The weightage shall be 30-35% for the syllabus covered upto MSE and 65-70 % for the remaining syllabus.
- For PG courses ESE of theory courses shall be of 60 marks and maximum duration provided shall be 2 hours and conducted by central examination cell. The examination shall be based on entire syllabus of the respective course. The weightage shall be 30-35% for the syllabus covered upto MSE and 65-70 % for the remaining syllabus.
- Candidate can apply for revaluation of answer sheet maximum for 3 subjects

Makeup Examination for theory courses:

- There shall be one makeup examination / grade improvement examination in a year after even semester for theory courses immediately after result declaration of the ESE and before the commencement of next academic year. Make up examination / CGPA improvement will not be applicable for ISE, MSE and all PoE/OE.

- There is no revaluation system for makeup examination.

The Grading System:

- Students shall be assigned a grade based on performance in all components of evaluation/examination scheme of a course as per the structure. The performance of the student as per the grade point on a 0-10 scale shall further fall into a letter grading system as shown in Table 1.

Grade	Letter Grade	Marks Obtained in (%)		Grade Point
		Regular Exam	Make-up Exam	
O	Outstanding	90-100	-	10
A+	Excellent	80-89	-	9
A	Very Good	70-79	90-100	8
B+	Good	60-69	80-89	7
B	Above Average	50-59	60-79	6
C	Average	45-49	50-59	5
P	Pass	40-44	40-49	4
F	Fail	Below 40	Below 40	0
Ab	Absent	-	-	-
XX1	Fail due to less attendance / non satisfactory Performance	-	-	-
XX2	Fail due to disciplinary action	-	-	-
I	Incomplete course	-	-	-
W	Withdrawal of Sem. / Year	-	-	-

Table 1: Grade Points

Grading of audit courses: There are some courses who has only grades points which are considered in result. These courses does not have any credits. Hence these courses are not considered in SGPA or CGPA calculations.

Grade	Minimum Threshold	Maximum Threshold	Description
O	>=45	<=50	Outstanding
A+	>=40	<45	Excellent
A	>=35	<40	Very Good
B	>=30	<35	Good
C	>=25	<30	Average
P	>=20	<25	Pass
F	>=0	<20	Fail

Table 2: Absolute Grading for audit courses

Academic progress Rule ATKT (Allow To Keep Term):

- The students will be promoted to the next academic year if he/she has earned all the credits of the previous academic year and he/she fails in maximum 3 heads including theory ESE and OE/POE of current academic year.

- For a student to be promoted to T.Y. B. Tech programme, he/she should pass in all courses of F.Y. B. Tech and he/she fails in maximum of 3 heads including theory ESE and OE/POE in S. Y. B. Tech.

- For a student to be promoted to fourth year B. Tech programme, he/she should pass in all courses of S.Y. B. Tech and he/she fails in maximum of 3 heads including theory ESE and OE/POE in T. Y. B. Tech.

- For direct second year admitted students, to be promoted to fourth year, he/she should pass in all courses of S.Y. B. Tech and he/she fails in maximum of 3 heads including theory ESE and OE/POE in T. Y. B. Tech.

Unfair Means and Malpractice at Examination

Government of Maharashtra endorsed the Maharashtra Act No. XXXI of 1982, providing prevention against Malpractices at the University/College/Board Examinations. Under the section of this act, use of unfair means of any kind by an examinee/ any person/person related to examination during the conduct of examination is a cognizable and non-bailable offence. For implementation of the act following procedure shall be adopted.

Calculation of Performance Indices

Calculation of SGPA and CGPA:

The performance of a student in a semester is indicated by a number called SGPA. The SGPA is the weighted average of the grade points obtained in all the courses registered by the student during the semester. **SGPA** shall be the weighted average of the grade points obtained in all the courses registered by the student during a semester.

$$SGPA = \frac{\sum_i^n C_i * G_i}{\sum_i^n c_i}$$

where, C_i = number of credits assigned for ith course of semester,

i = 1…n represents course number in which the student has registered in that semester,
G_i = grade point earned in i^{th} course.

Sample Calculations of SGPA:

(Calculation of Credit Points= Earned credits X Grade points)

(SGPA=Total Credit Points / Total Earned Credits)

SGPA Calculation = 139 /20 =6.95

Semester-I

Course	Total Credit	Earned Credits	Marks Obtained	Grade Achieved	Grade Points	Credit Points
Course 1	3	3	74	A	8	24
Course 2	4	4	68	B+	7	28
Course 3	3	3	58	B	6	18
Course 4	3	3	92	O	10	30
Course 5	3	3	48	C	5	15
Course 6	4	4	55	B	6	27
Total	**20**	**20**	**65.83**	**-**	**-**	**139**

Table 3: Sample SGPA Calculation

CGPA is the weighted average of the grade points obtained in all the courses registered by a student from the beginning of the first semester

$$CGPA = \frac{\sum_i^m S_i * G_i}{\sum_i^m c_i}$$

where, S_i = SGPA assigned for i[th] course of semester

i=1…m represents course number in which the student has registered upto a semester up to which CGPA is to be calculated.

Gi = grade point earned in i[th] course.

Semester	Credit	SGPA	Credit Points	CGPA
Semester I	22	6.9	151.8	
Semester II	20	7.8	156	
Semester III	22	5.6	123.2	
Semester IV	22	6.1	134.2	
Semester V	22	6.3	138.6	**7.02**
Semester VI	22	7.4	162.8	
Semester VII	22	8.0	176	
Semester VIII	20	8.2	164	

Table 4: Sample CGPA Calculation

Sample Calculations of CGPA:

$$CGPA = \frac{(22*6.9 \ + \ 20*7.8 \ + \ 22*5.6 \ + \ 22*6.1 \ + \ 22*6.3 + \ 22*7.4 \ + \ 22*8 \ + \ 20*8.2)}{172}$$

=7.02

SGPA and CGPA are calculated only after make-up examination. SGPA and CGPA will be rounded up to second decimal place.

Grade Report

A grade card/report shall be issued to students at the end of academic year after the declaration of makeup/improvement examination results.

Award of Degree

As per NEP 2020 student shall be eligible for the award of degree from the College and the University provided the student has achieved levels mentioned in Table 5:

Level	Qualification Title	Credit Requirements		Semester	Year
		Minimum	Maximum		
4.5	One Year UG Certificate in Engg./ Tech.	40	44	2	1
5.0	Two Years UG Diploma in Engg./ Tech	80	88	4	2
5.5	Three Years Bachelor's Degree in Vocation (B. Voc.) or B. Sc. (Engg./ Tech.)	120	132	6	3
6.0	4-Years Bachelor's degree (B. Tech. or Equivalent) in Engg./ Tech. with Multidisciplinary Minor	160	176	8	4
6.0	4-Years Bachelor's degree (B. Tech. or Equivalent) in Engg./ Tech.- Honors and Multidisciplinary Minor	180	194	8	4
6.0	4-Years Bachelor's degree (B. Tech. or Equivalent) in Engg./ Tech.- Honors with Research and Multidisciplinary Minor	180	194	8	4
6.0	4-Years Bachelor's degree (B. Tech. or Equivalent) in Engg./ Tech.- Major Engg. Discipline with Double Minors (Multidisciplinary and Specialization Minors)	180	194	8	4

Table 5: Credit Framework

*Note: For detailed information kindly visit our college website *https://foet.dypgroup.edu.in/*