

**C-21 - CURRICULUM  
FOR DIPLOMA PROGRAMMES IN TELANGANA**

**PREAMBLE**

The State Board of Technical Education and Training, Telangana under the aegis of the Department of Technical Education, Telangana regularly reviews the Curricula in tune with the developments both in academic and industry side. However, recognizing the changing needs as stated by the catchment industries, the Board has decided to bring about the revision of curriculum. Thus, the Board, with the assistance of senior faculty of the branches concerned, has reviewed C-18 Curriculum in force. On finding the merits and reviewing the existing C-18 Curriculum, the faculty has made a thorough assessment of the curricular changes that have to be brought in. It was felt that there is an urgent need to improve hands-on experience among the students pursuing diploma courses. Further, the urgency of enhancing communication skills in English has also been highlighted in the feedback and suggestions made by the user industries. Keeping these in view, a number of meetings and deliberations were held at State level, with experts from industry, academia and senior faculty of the department. The new Curricula for the different diploma courses have been designed with the active participation of the members of the faculty teaching in the Polytechnics of Telangana, besides reviewed by Expert Committee constituted with eminent academicians.

The new C-21 curriculum is designed, duly taking into consideration the Outcome Based Education model as per NBA norms and Choice Based Credit System has also been introduced.

In designing of new Curriculum more importance has been given to Skill Upgradation by allotting 2.5 Credit Points in each semester so as to improve the inbuilt skills of the students duly taking into consideration of New Telangana State Industrial Policy.

The primary objective of the curriculum revision is to produce best technicians in the country by correlating growing needs of the industries with the academic inputs.

The revised New Curriculum i.e., Curriculum – 2021 or C-21 is planned and designed by making 6 months industrial training mandatory.

**I. Salient Features:**

1. Duration of course is 3 years of Regular Academic instruction.
  - The Curriculum is Outcome based, Semester Pattern, more practical oriented, flexible, relevant to the industry needs and oriented to develop entrepreneurship skills in students pursuing Diploma courses.
  - Two specialised elective courses are offered in V semester.
  - Students are also permitted to study relevant courses from SWAYAM / NPTEL to a maximum of 40% and corresponding credits will be awarded for award of Diploma.
  - Introducing Open Book System for amenable subjects with a condition to allow two reference books referred in the respective course of the Curriculum from the A.Y. 2021-22.
  - A robust curriculum structure is designed to enable the students to get equipped with sound knowledge and practical skills.
  - Course structure contains 5 theory courses and 5 Laboratory courses in each semester other than industrial training semester.
  - All theory and Practical courses will be of Lecture -Tutorial-Practicals (L:T:P) pattern
  - In order to ensure continuous evaluation, total course content is divided into 3 parts i.e., Mid Semester- I would be conducted for 20 marks from part I and Mid Semester- II would be conducted for 20 marks from part II, End Examination will be conducted for 40 marks of which 20 marks would be covered from part III, 20 marks covered from overall course content.
  - Question paper pattern is designed in such a way that it is made mandatory for the students to answer questions from every unit/major topic in order to achieve every Course Outcome (CO).
  - The Internal marks of 20 are assigned to 2 slip tests, assignments and seminars/quiz/paper presentation.
  - The question paper pattern comprises of short answer questions, descriptive type questions, application based questions covering the attributes of remembering, understanding and application.
  - Students will be awarded Grades considering minimum of Absolute and Relative Grade point cutoff ie., Hybrid Grade Point.

2. Keeping in view, the increased need of communication skills that is playing a vital role in the success of Diploma Level students in the Industries, emphasis is given for learning and acquiring, listening, speaking, reading and writing skills in English. Communication and Life Skills Lab is introduced in III Semester and Employability Skills Lab introduced in IV Semester for all the branches.
3. Latest topics relevant to the needs of the industry and global scenario suitable to be taught at Diploma level are also incorporated in the curriculum.
4. Every student is exposed to the computer lab at the I semester itself in order to familiarize himself/herself with skills required for keyboard/mouse operation, internet usage and e-mailing.
5. C Programming Theory and Lab are made mandatory for all Diploma branches to cope up with the demand of the market needs and to become more suitable for employment.
6. CAD specific to each branch has been given more emphasis in the curriculum. Preparing drawings using CAD software has been given more importance.
7. The number of teaching hours allotted to a particular topic/chapter has been rationalized keeping in view the past experience.
8. Upon reviewing the existing C-18 curriculum, more emphasis is given to the practical content of Laboratories and Workshops and thus strengthening the practical skills in C-21 Curriculum.
9. With increased emphasis for the student to acquire Practical skills, the course content in all the courses is thoroughly reviewed and structured as outcome based than the conventional procedure based. While the course content in certain courses felt overloaded is reduced, in rest of the courses the content has been enhanced as per the need.
10. Syllabus content of Laboratory and Workshops has been thoroughly revised based on the suggestions received from the industry and faculty, for better utilization of the equipment available at the Polytechnics. The experiments /exercises that are chosen for the practical sessions are identified to conform to the field requirements of industry.

11. The course of skill up-gradation in each semester is incorporated in the time table for one complete day consisting of 8 periods in a week.
12. The student shall be awarded satisfactory through RUBRICS, only if he/she puts in at-least 75% attendance in the skill up-gradation course apart from the satisfactory performance in the activities allotted.
13. The activities suggested for skill up-gradation in the curriculum at the end of each course will be assessed by the respective course teacher through RUBRICS and duly certified by the HOS/Principal.
14. The Members of the working group are grateful to Sri Navin Mittal I.A.S., Commissioner of Technical Education & Chairman, S.B.T.E.T.(TS) for his constant guidance and valuable inputs in revising, modifying and updating the curriculum.
15. The Members acknowledge thanks for cooperation and guidance extended by Dr C. Srinath, Secretary, SBTET and Sri A. Pullaiah, RJD and other officials of Directorate of Technical Education and the State Board of Technical Education, Telangana.
16. The Members acknowledge thanks for cooperation and guidance extended by Dr Uma Shanker Sahu, Associate Professor and Head, of NITTTR, ECH, Hyderabad and experts from industry, academia from the universities and higher learning institutions and all teaching fraternity from the Polytechnics who are directly and indirectly involved in preparation of the curricula.

## **II. RULES AND REGULATIONS**

### **1. ADMISSION PROCEDURES:**

#### **1.1 DURATION AND PATTERN OF THE COURSES**

All the Diploma programs run at various institutions are of AICTE approved 3 years duration of Academic Instruction. All the Diploma courses are run on semester-wise pattern.

#### **1.2 PROCEDURE FOR ADMISSION INTO THE DIPLOMA COURSES:**

Selection of candidates is governed by the Rules and regulations laid down in this regard from time to time.

- i) Candidates who wish to seek admission in any of the Diploma courses will have to appear for Common Entrance Test for admissions into Polytechnics (POLYCET) conducted by the State Board of Technical Education and Training, Telangana, Hyderabad.

**The candidates satisfying the following requirements only are eligible to appear for the Common Entrance Test for admissions into Polytechnics (POLYCET).**

- a) The candidates seeking admission should have appeared for the X class examination, conducted by the Board of Secondary Education, Telangana or equivalent examination at the time of making application to the Common Entrance Test for Polytechnics for admissions into Polytechnics (POLYCET). In case of candidates who apply with pending results of their qualifying examinations, their selection shall be subject to production of proof of their passing the qualifying examination in one attempt or compartmentally at the time of counselling for admission.
- b) Admissions are made based on the merit obtained in the Common Entrance Test (POLYCET) and the reservation rules stipulated by the Government of Telangana from time to time and students selected by Women and Child Welfare Department or Lateral Entry for Inter Vocational Students/LPCET for ITI students in II year.
- c) For admission into the Diploma in Pharmacy Course for which entry qualification is 10+2, candidates need not appear for POLYCET. Admissions into D Pharmacy are made by DOST conducted by TSCHE.

### **13 MEDIUM OF INSTRUCTION**

The medium of instruction and examination shall be in English.

### **14 PERMANENT IDENTIFICATION NUMBER (PIN)**

A cumulative / academic record is to be maintained of the Marks secured in Internal work and end examination of each year for determining the eligibility for promotion and hence, a Permanent Identification Number (PIN) will be allotted to each candidate, which is computer generated so as to facilitate this work and avoid errors in tabulation of results.

Example of PIN – 21001-CS-001 (PIN FORMAT is ‘21’ year of study, ‘001’ college code, ‘CS’ Branch code, ‘001’ roll number)

**15 NUMBER OF WORKING DAYS PER SEMESTER:**

- a). The Academic Year for all the Courses usually shall be from June 1<sup>st</sup> week of the year of admission to the 31<sup>st</sup> March of the succeeding year.
- b). The Working days in a week shall be from Monday to Saturday
- c). There shall be 8 periods of 45 minutes duration on all working days.
- d). The minimum number of Instructional working days for each semester shall be 90 days excluding examination days/ Public holidays/ orientation programme/ Sports and games Period. If this prescribed minimum is not achieved due to any reason, special arrangements shall be made to conduct classes to cover the syllabus.

**16 ELIGIBILITY OF ATTENDANCE TO APPEAR FOR THE END EXAMINATION**

- a). A candidate shall be permitted to appear for the end examination in all courses, if he or she puts up a minimum attendance of 75% of Instructional working days during the Semester.
- b). Condonation of shortage of attendance in aggregate upto 10% (65% and above and below 75%) in each semester may be granted on medical grounds.
- c). Candidates having less than 65% attendance shall be detained.
- d). Student attendance is recorded, twice a day using Aadhar Based Biometric Attendance System with a minimum gap of 6 hours for full day and three hours for half a day attendance.
- e). Students whose shortage of attendance is not condoned in any semester are not eligible to take their end examination of that class and their admissions shall stand cancelled. They may seek re-admission for that semester when offered next.
- f). A stipulated fee shall be payable towards condonation for shortage of attendance. (as per the Board norms)

**1.7 RE-ADMISSION**

Re-admission shall be granted to eligible candidates by the respective Principal of the institutions concerned. 10% of approved intake are eligible for Re-admission and preference will be given to first-cum-first-serve basis, while according permission for re-admission of the Diploma candidates:-

1. The percentage of attendance to a readmitted candidate is to be calculated from the first day of beginning of the class work of that year / semester, but not from the date, a re-admitted candidate reports for class work, after given re-admission.

<b>S No</b>	<b>Year/Semester</b>	<b>No. of Working days</b>	<b>No. of working days required for 75% attendance</b>	<b>No. of working days required for 65% attendance</b>
1	Any Semester (Except for Industrial Training)	90	67.5	58.5

2. The Principals of all Polytechnics shall ensure that the re-admission cases should be considered and granted:-
  - a) Within 15 days after commencement of class work in any semester
  - b) Otherwise such cases should not be considered for re-admission for that Semester/year, and the candidates concerned may be advised to seek re-admission in the next subsequent semester/year.
  - c) Principals should select the Re-admission student Pin in SBTET Portal from Principal LOGIN and readmit in SBTET Portal without fail.

Before issuing re-admission orders, an undertaking letter from the student is to be obtained, stating that he/she will agree to the rule that the percentage of attendance to him/her shall be calculated from the first day of beginning of the regular class work for that year / semester, as officially announced by DTE/SBTET but not from the day on which he/she has actually reported to the class work, after re-admission is granted, and that he/she will complete the Diploma in twice the duration of the course from the date of the first admission, otherwise he/she will forfeit the claim for qualifying for the award of Diploma.

## 2. SCHEME OF EXAMINATION

### 2.1 I, II, III, IV, V and VI Semesters:

**THEORY EXAMINATION:** Each Semester End Examination (SEE) carries 40 marks in respect of specified courses of 2 hours duration, along with 60 marks for continuous evaluation.

- The Semester End Examination paper shall be set for 40 marks
- **PRACTICAL EXAMINATION:** Each laboratory course carries 40 marks of 3 hours duration and 60 Internal marks for continuous internal evaluation.

### 2.2 ASSESSMENT SCHEME

**I. A) Assessment:** In order to ensure continuous evaluation the examination pattern is formulated as

Type of Exam	Max. Marks
Semester End Examination	40 marks
Mid Sem 1	20 marks
Mid Sem 2	20 marks
Internals	20 marks
Total marks	100 Marks

**II. B) Marking Schema (Question Paper Blue Print)**

### MID SEM-I EXAM

S.No	Unit Name	R	U	A	Remarks
1	Unit-I	1, 2	5(a) 5(b)	7(a) 7(b)	
2	Unit-II	3, 4	6(a) 6(b)	8(a) 8(b)	
Total Questions		4	4	4	

### MID SEM –II EXAM

S.No	Unit Name	R	U	A	Remarks
1	Unit-III	1, 2	5(a) 5(b)	7(a) 7(b)	
2	Unit-IV	3, 4	6(a) 6(b)	8(a) 8(b)	
Total Questions		4	4	4	



<b>Semester End Examination</b>						
Sl No	Unit No.	Questions to be set for SEE			Remarks	
		R	U	A		
1	I	4	1	9(a)	13(a)	
2	II					
3	III		2	10(a)	14(a)	
4	IV					
5	V	4	3	5,6	9(b)	13(b)
					11(a)	15(a)
					11(b)	15(b)
6	VI	4	3	7,8	10(b)	14(b)
					12(a)	16(a)
					12(b)	16(b)
Total Questions		8	8	8		
Legend:	Remembering (R)	1 Mark				
	Understanding (U)	3 Marks				
	Application (A)	5 Marks				

- Total course content shall be divided into three parts as Part-I, Part-II, Part-III
- Mid sem 1 Exam should be conducted from Part-I
- Mid sem II Exam should be conducted from Part-II
- End Examination to be conducted for 40 marks of which
  - 20 Marks should be covered from Part-III
  - Remaining 20 marks covered from over all course contents
- The Internals shall consist of following marks division
 

1. Slip test 1	--	5 marks
2. Slip test 2	--	5 Marks
3. Assignments	--	5 Marks
4. Seminar/paper presentation/group discussion/quiz--	--	5 Marks

### III. Mid semester Question paper pattern

#### A. General

- ✓ Part A shall consist of ‘Remember’ based questions
- ✓ Part B shall consist of ‘Understanding’ based questions
- ✓ Part C shall be of ‘Application’ based Questions

**B. Open book System**

- ✓ Part – A, B & C consists of Understanding and Application based questions only.

**IV. Semester End Examination:**

- The Regular Examinations and Backlog Examinations shall be conducted separately.
- Backlog examinations should be held before the commencement of Academic Year to give sufficient time for the student to prepare for Backlog examinations.

**V. Examination Pattern (Semester End Examination):**

**A. General**

Part A	Part 3 Unit 5&6	‘Remember’ based questions
	Overall course <b>content</b>	‘Remember’ based questions
Part B	Part 3 Unit 5&6	‘Understanding’ based questions
	Overall course <b>content</b>	‘Understanding’ based questions
Part C	Part 3 Unit 5&6	‘Application’ based questions
	Overall course <b>content</b>	‘Application’ based questions

**B. Open Book System**

Part A	Part 3 Unit 5&6	Understanding and Application based questions only.
	Overall course <b>content</b>	
Part B	Part 3 Unit 5&6	
	Overall course <b>content</b>	
Part C	Part 3 Unit 5&6	
	Overall course <b>content</b>	

## VI. Award of Grades and Grade points criteria for C-21 Curriculum

1. **Marks :** In order to ensure continuous evaluation the examination pattern is formulated as:

Theory		Practical	
End Examination	40 marks	End Examination	40 marks
Mid Sem-I	20 marks	Mid Sem-I	20 marks
Mid Sem-II	20 marks	Mid Sem-II	20 marks
Internal	20 marks	Internal	20 marks
Total marks	100 Marks	Total marks	100 Marks

2. Hybrid grading system for regular students:

Grade	Grade Point	Absolute Grade Cut off		Relative Grade Cut off	Hybrid Grade Cut off
		Theory Subjects	Practical & Drawing		
A+	10	> 90%	> 90%	Min of Top 1/8	Min of Abs. or Rel. grade %
A	9	> 80 to < 90%	> 82.5 to < 90%	Min of Top 2/8	Min of Abs. or Rel. grade %
B+	8	> 70 to < 80%	> 75 to < 82.5%	Min of Top 3/8	Min of Abs. or Rel. grade %
B	7	> 60 to < 70%	> 67.5 to < 75%	Min of Top 4/8	Min of Abs. or Rel. grade %
C+	6	> 50 to < 60%	> 60 to < 67.5%	Min of Top 5/8	Min of Abs. or Rel. grade %
C	5	> 40 to < 50%	> 55 to < 60%	Min of Top 6/8	Min of Abs. or Rel. grade %
D	4	> 35 to < 40%	> 50 to < 55%	Min of Top 7/8	Min of Abs. or Rel. grade %
E	0		Rest of the Candidates		

Based on the minimum of Absolute Grade cut off and Relative Grade cut off, a Hybrid grade cut off shall be arrived and the appropriate grade shall allotted to the student and based on the Grade, a Grade point shall be allotted in each course provided the Candidate passes in the course.

3. **Pass Criteria for Regular Candidate:** The Candidate is declared pass only if he/she secures the Hybrid Grade cut off of 'D' grade or above and 35% or above in Theory Examination and 50% or above in Practical and Drawing Examinations, as per the formula below in Sem End Examination:-

$$\frac{\text{End semester marks secured} \times 100}{\text{End semester Topper marks}}$$

4. **Grades for backlog subjects :** The Candidate shall be awarded 'P' or 'F' Grade based on 'Pass' or 'Fail' respectively in the Backlog Subjects. The 'P' or 'F' Grade has no Grade point but P grade will count towards credits earned for awarding Diploma. The Candidate shall get P Grade if he/she secures the Hybrid Grade cut off marks of 'D' grade or above or Regular exam of that batch and 35% or above in Theory Examination and 50% or above in Practical and Drawing Examinations, as per the formula below in End Sem Examination:-

$$\frac{\text{End semester marks secured} \times 100}{\text{End semester Topper marks of Regular exam of that batch}}$$

#### VII. Credits:

For theory courses--	3 Credits
For Laboratory courses-	1.5 Credits
Skill up-gradation	2.5 Credits
Total credits per semester	25 Credits

- CGPA will be calculated with courses passed in **Regular Examinations only and no CGPA will be allowed for backlog passed courses.**
- Backlog exams will count for credits.
- Skill upgradation course will not count for CGPA but for Credits.
- Minimum credits for obtaining Diploma are 130 out of 150

#### VIII. Electives:

- a) The students are permitted to choose two electives in V semester.
- b) The students are permitted to choose courses related to the branch through MOOC like SWAYAM/NPTEL (<https://swayam.gov.in/> & <https://nptel.ac.in/LocalChapter/> ). The students who obtained SWAYAM certificate will be awarded 3 credits for each course and will be considered for award of Diploma.
- c) The student has to complete one Project in V Semester

**IX. Industrial Training (VI Semester):**

After completion of 4<sup>th</sup> Semester 50% of students will take up V semester and balance 50% students will take up VI semester industrial training in Odd Semester. In next Even Semester, the 50% of the students swaps industrial training and V semester.

- **Evaluation and assessment of Industrial Training**, shall be done and marks be awarded in the following manner, provided the candidates concerned have put up minimum 90% attendance of Industrial Training.

Mid-I Industrial assessment at Industry	: 300 marks
Mid-II Industrial assessment at Industry	: 300 marks
Institutional Internal Evaluation	: 300 marks
Semester End Examination (Seminar/viva-voce at Institution)	: 100 marks

TOTAL	1000 marks
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**Mid – I & II Industrial Assessment parameters at Industry:**

Sl No	Learning Parameter	Assessment I (First Quarter)	Assessment II (Second Quarter)
1	Attendance and punctuality	20	20
2	Familiarity of tools and material	30	30
3	Engineering skills	50	50
4	Application of knowledge & Problem solving skills	50	50
5	Comprehension and observation	10	10
6	Professionalism/Professional ethics	20	20
7	Safety and environmental consciousness	10	10
8	Communication skills	20	20
9	Supervisory skills	50	50
10	General conduct during the period	40	40
Total marks for Industry Evaluation		300	300
		600 marks	

**Institutional internal Assessment parameters**

<b>Institution Level Evaluation Scheme</b>			
<b>Sl No</b>	<b>Criteria</b>	<b>Marks</b>	<b>Time</b>
1	1 <sup>st</sup> Report Submission	50	After 8 Weeks
2	Seminar-I	50	9 <sup>th</sup> to 10 <sup>th</sup> week
3	2 <sup>nd</sup> Report Submission	50	After 18 weeks
4	Log book	100	Before Viva-Voce
5	Seminar-II	50	Before Viva-Voce
	<b>Institute Evaluation Total</b>	<b>300</b>	
<b>Semester End Examination</b>			
1	Viva-Voce	50	After 24 weeks
2	Presentation/Demonstration of skills	50	
	<b>Total</b>	<b>100</b>	

- The assessment at the institute level will be done by a minimum of three members i.e. Internal Faculty, Industrial Experts/External Examiner and H.O.D. and the same shall be averaged.

**X. Assessment Procedure:**

- a) Theory Courses: Theory Courses carry 20 marks for Mid Sem I and 20 marks for Mid Sem II and 20 marks for Internals which consists of Slip Test-I 5 Marks, Slip Test-II 5 Marks, Assignment-5 Marks and Seminar /Quiz/Paper Presentation-5 Marks. Mid Sem examinations will be conducted on the dates specified by SBTET. The remaining 40 marks of theory will be conducted as End Semester Exam.
- b) Practicals: Student's performance in Laboratories / Workshop shall be assessed during each semester of study for 40 marks in end practical course and internal assessment carries 20 marks for Mid Sem I and 20 marks for Mid Sem II and 20 marks for Tutorials. Each student has to write a record / log book for assessment purpose. In the course of Drawing, which is also considered as a practical paper, the same rules hold good. Drawing exercises are to be filed in seriatim.
- c) Internal assessment in Labs / workshops / Survey field etc., during the course of study shall be done and Internal marks shall be awarded by the concerned

Lecturer / Senior Lecturer / Workshop superintendent with the concurrence of concerned HOS as the case maybe.

- d) For practical examinations, there shall be two examiners. External examiner shall be appointed by the Principal in consultation with respective head of the department preferably choosing a person from an Industry/Academician. External Examiner from Industry should be appointed for atleast one of the core labs. The Internal examiner shall be the person concerned with internal assessment as in (c) above.
- e) Question Paper for Practicals: Question paper should cover all the experiments / exercise prescribed.
- f) Records pertaining to internal assessment marks of both theory and practical courses are to be maintained for official inspection.
- g) In case of D.C.C.P., equivalency will be given for the students who got atleast 'D' Grade in Typewriting and Shorthand Examinations held by SBTET, TS.

### **3 RULES OF PROMOTION ON FOR NEXT LEVEL:**

#### **3.1 For Diploma Courses for 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> Semesters:**

**The student admitted into Diploma courses gets automatically promoted to subsequent semester only if he/she puts in 75% of attendance (65% on medical grounds). If any student who could not pay the examination fees after having 75% of attendance (65% on medical grounds) has to pay promotion fees to attend next semester classes.**

1. A candidate shall be permitted to appear for first Semester examination provided he / she puts the required percentage of attendance (i.e., 75%) and pays the examination fee. However, attendance can be condoned by the Principal on Medical grounds upto 10% (i.e. attendance after condonation on Medical grounds should not be less than 65%) and he/she has to pay the condonation fee along with examination fee as prescribed by SBTET from time to time.
2. A candidate shall be promoted to 2<sup>nd</sup> semester if he/she puts the required percentage of attendance (i.e., 75% in general and 65% on medical grounds) in the first semester and pays the examination fee. A candidate who could not pay the first semester examination fee has to pay the promotion fee as prescribed by State Board of Technical Education and Training from time to

time before commencement of 2<sup>nd</sup> semester.

A candidate is eligible to appear for the 2<sup>nd</sup> semester exam if he/she puts the required percentage of attendance (i.e., 75% in general and 65% on medical condonation) in the 2<sup>nd</sup> semester.

3. A candidate shall be promoted to 3<sup>rd</sup> semester if he/she puts the required percentage of attendance (i.e., 75% in general and 65% on medical grounds) in the 2<sup>nd</sup> semester and pays the examination fee.

A candidate who could not pay the 2<sup>nd</sup> semester examination fee has to pay the promotion fee as prescribed by State Board of Technical Education and Training from time to time before commencement of 3<sup>rd</sup> semester.

A candidate is eligible to appear for the 3<sup>rd</sup> semester exam if he/she puts the required percentage of attendance (i.e., 75% in general and 65% on medical condonation) and pays the examination fee in the 3<sup>rd</sup> semester and earned a minimum of 25 credits upto the end of 2<sup>nd</sup> Semester.

4. A candidate shall be promoted to 4<sup>th</sup> semester provided he/she puts the required percentage of attendance (i.e., 75% in general and 65% on medical condonation) in the 3<sup>rd</sup> semester and pays the examination fee.

**IVC students and ITI candidates admitted through LPCET admitted into 3<sup>rd</sup> semester through lateral entry shall be promoted to 4<sup>th</sup> Semester, if he/she puts the required percentage of attendance (i.e., 75% in general and 65% on medical grounds) and pays examination in the 3<sup>rd</sup> semester.**

A candidate, who could not pay the 3<sup>rd</sup> semester exam fee but fulfilling all other conditions has to pay the promotion fee as prescribed by State Board of Technical Education and Training from time to time before commencement of 4<sup>th</sup> semester.

**A candidate is eligible to appear for the 4<sup>th</sup> semester exam if he/she puts the required percentage of attendance (i.e., 75% in general and 65% on medical condonation) and pays the examination fee in the 4<sup>th</sup> semester and earned a minimum of 25 credits upto the end of 2<sup>nd</sup> Semester.**

5. A candidate shall be promoted to 5<sup>th</sup> semester provided he / she puts the required percentage of attendance (i.e., 75% in general and 65% on medical grounds) in the 4<sup>th</sup> semester and pays the examination fee.



A candidate, who could not pay the 4<sup>th</sup> semester examination fee has to pay the promotion fee as prescribed by State Board of Technical Education and Training from time to time before commencement of 5<sup>th</sup> semester as the case may be.

**A candidate is eligible to appear for the 5<sup>th</sup> semester exam if he/she puts the required percentage of attendance (i.e., 75% in general and 65% on medical condonation) and pays the examination fee in the 5<sup>th</sup> semester and earned a minimum of 75 credits upto the end of 4<sup>th</sup> Semester.**

6. A candidate shall be promoted to 6<sup>th</sup> semester provided he / she puts the required percentage of attendance (i.e., 75% in general and 65% on medical grounds) in the 5<sup>th</sup> semester and pays the examination fee.

A candidate, who could not pay the 5<sup>th</sup> semester examination fee, has to pay the promotion fee as prescribed by State Board of Technical Education and Training from time to time before commencement of 6<sup>th</sup> semester as the case may be.

- (a) A candidate is eligible to appear for the 5<sup>th</sup> Odd Semester (Theory) exam if he/she
- i. Puts the required percentage of attendance in the 5<sup>th</sup> semester
  - ii. Should have appeared for 4<sup>th</sup> semester examination.
  - iii. Should have **earned a minimum of 75 credits upto the end of 4<sup>th</sup> Semester**
- (b) A candidate is eligible to appear for 6<sup>th</sup> (Industrial Training) Even Semester examination if he/she
- i) Puts the required percentage of attendance i.e., 90% in 6<sup>th</sup> semester (Industrial Training)
  - ii) Should have completed the Industrial Training
  - iii) Should have submitted Industrial Training assessment report.
  - iv) Should have **earned a minimum of 75 credits upto the end of 4<sup>th</sup> Semester**
- (c) In case a candidate does not successfully complete the Industrial training, he / she will have to repeat the training at his / her own cost.

**4 Eligibility to appear for examination C-21**

S No.	Semester	Attendance	Cumulative Credits	Remarks
1	I	75% (65% on medical grounds)	-	---
2	II	-do-	--	
3	III	-do-	<b>25 (upto II Semester)</b>	
4	IV	-do-	<b>25 (upto II Semester)</b>	
5	V	For Theory examination - 75% (65% on medical grounds)	<b>75 (upto IV Semester)</b>	
6	VI	For Industrial Training examination - 90%	<b>75 (upto IV Semester)</b>	

**Note:** Ineligible candidates are not permitted to next higher semester class work till he/she fulfills the above eligibility criteria.

**5 Eligibility to appear for examination C-21 (IVC and LPCET)**

S No.	Semester	Attendance	Cumulative Credits	Remarks
1	III	75% (65% on medical grounds)	-	IVC/LPCET candidates should be allotted <b>40</b> credits during admission into 3 <sup>rd</sup> semester
2	IV	-do-	-	-
3	V	For Theory examination - 75% (65% on medical grounds)	<b>75 (upto IV Semester)</b>	-
4	VI	For Industrial Training examination - 90%	<b>75 (upto IV Semester)</b>	-

**Note:** Ineligible candidates are not permitted to next higher semester class work till he/she fulfills the above eligibility criteria.

**4.1 EXAMINATION FEE SCHEDULE:**

The examination fee should be paid as per the notification issued by State Board of Technical Education and Training from time to time.

**4.2 ISSUE OF CONSOLIDATED MEMORANDUM OF GRADES (CMG):**

All candidates who appear for the end examination will be issued CMG without any payment of fee. However, candidates who lose the original Grade Card have to pay the prescribed fee to the Secretary, State Board of Technical Education and Training, Telangana for each duplicate CMG.

**4.3 MAXIMUM PERIOD FOR COMPLETION OF DIPLOMA COURSES:**

Maximum period for completion of the course is twice the prescribed duration of the course from the date of First admission (includes the period of detention and discontinuation of studies by student etc) failing which they will have to forfeit the claim for qualifying for the award of Diploma. (They will not be permitted to appear for examinations after that date). This rule applies for all Diploma courses of 3 years of engineering and non-engineering courses including candidates seek admission under lateral entry. In respect of Pharmacy courses the completion period is 4 years as the prescribed duration of the course is 2 years.

**4.4 ELIGIBILITY FOR AWARD OF DIPLOMA**

A candidate is eligible for award of Diploma Certificate if he / she fulfill the following academic regulations.

- i. He / She pursued a course of study for not less than 3 academic years & not more than 6 academic years.
- ii. He / she should have earned 130 credits out of 150 credits.

Students who fail to fulfill all the academic requirements for the award of the Diploma within 6 academic years from the year of admission shall forfeit their seat in the course & their seat shall stand cancelled.

**4.5 RE-VALUATION / ISSUE OF COPY OF ANSWER SCRIPT:**

**4.5.1 a) As per the SBTET notification.**

A candidate desirous of applying for Revaluation / issue of copy of valued answer scripts should submit the application online to the Secretary, State

Board of Technical Education and Training, Telangana., Hyderabad – 500 028 as per the notification issued for Revaluation /issue of copy of answer Script.

**4.5.2 MALPRACTICE CASES:**

If any candidate resorts to any Mal Practice during examinations, he / she shall be booked and the Punishment shall be awarded as per rules and regulations framed by SBTET,TS from time to time.

**4.5.3 DISCREPANCIES/PLEAS:**

Any Discrepancy regarding results etc., shall be represented to the Board within one month from the date of issue of results. Thereafter, no such cases shall be entertained in any manner.

**4.6 EQUIVALENCE AND DIVISION:**

In general there is no equivalency of CGPA and marks percentage:

However : CGPA of 6.50 equivalent to 60%  
 CGPA of 6.00 equivalent to 55%  
 CGPA of 5.50 equivalent to 50%

With respect to the intermediate vocational candidates, who are admitted directly into diploma course at the 3<sup>rd</sup> semester (i.e., second year) level, the CGPA over 4 semesters shall alone be taken into consideration for award of Diploma.

S.No.	CGPA	Aggregate Percentage of Marks*	Division#
1	10	95	First class with Distinction
2	9	85	
3	8	75	
4	7	65	First Class
5	6	55	Second Class
6	5	45	
7	4	35	

*Aggregate %	:	(CGPT-0.5)X10
#First Class with Distinction	:	CGPA $\geq$ 8
First Class	:	8>CGPA $\geq$ 6.5
Second Class	:	6.5>CGPA $\geq$ 4
Pass	:	CGPA<4 (Subject to Earning of $\geq$ 130 Credits)

## 5 ISSUE OF CERTIFICATES :

### 5.1 ISSUE OF DUPLICATE DIPLOMA:

If the candidate desires for a duplicate certificate of Diploma, he/she may obtain on payment of prescribed fee, duly following the procedure.

### 5.2 ISSUE OF MIGRATION CERTIFICATE AND TRANSCRIPTS:

The Board on payment of prescribed fee will issue these certificates for the candidates who intend to pursue Higher Studies in India or Abroad.

### 5.3 GENERAL

- i. The Board may change or amend the academic rules and regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students, for whom it is intended, with effect from the dates notified by the competent authority.
- ii. All legal matters pertaining to the State Board of Technical Education and Training are within the jurisdiction of Hyderabad.
- iii. In case of any ambiguity in the interpretation of the above rules, the decision of the Secretary, SBTET (TS) is final.

For further information visit SBTET Website: <https://sbtet.telangana.gov.in/> & Help Desk No: 040-23222192.

SECRETARY