**1. Description of the Course: a. Full Time (3 years)**

The Course for the full Time Diploma in Engineering shall extend over a period of three academic years, consisting of 6 semesters\* and the First Year is common to all Engineering Branches.

**2. Condition for Admission:**

Condition for admission to the diploma courses shall be required to have passed in

The S.S.L.C Examination of the Board of Secondary Education, TamilNadu. (Or)

The Anglo Indian High School Examination with eligibility for Higher Secondary Course in TamilNadu.

(Or)

The Matriculation Examination of Tamil Nadu. (Or)

Any other Examination recognized as equivalent to the above by the Board of Secondary Education, TamilNadu.

Note: In addition, at the time of admission the candidate will have to satisfy certain minimum requirements, which may be prescribed from time to time.

**3. Admission to Second year (Lateral Entry):**

A pass in HSC ( Academic ) or ( Vocational ) courses mentioned in the Higher Secondary Schools in TamilNadu affiliated to the TamilNadu Higher Secondary Board with eligibility for university Courses of study or equivalent examination, & Should have studied the following subjects.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl. |  | H.Sc Academic | H.Sc Vocational | |
| Courses |  | Subjects Studied | |
| No | Subjects Studied |
|  | Related subjects | Vocational subjects |
|  |  |  |
| 1. | All the | Maths, Physics & | Maths / Physics / | Related Vocational |
|  | Regular and | Chemistry | Chemistry | Subjects Theory & |
|  | Sandwich |  |  | Practical |
|  | Diploma |  |  |  |
|  | Courses |  |  |  |
| 2. | Diploma | English & Accountancy | English & | Accountancy & |
|  | course in |  | Accountancy, | Auditing, |
|  | Modern | English & |  | Banking, |
|  | Office | Elements of Economics | English & | Business |
|  | Practice |  | Elements of | Management, |
|  |  | English & | Economics, | Co-operative |
|  |  | Elements of Commerce |  | Management, |
|  |  |  | English & | International Trade, |
|  |  |  | Management | Marketing & |
|  |  |  | Principles | Salesmanship, |
|  |  |  | & Techniques, | Insurance & |
|  |  |  |  | Material |
|  |  |  | English & | Management, |
|  |  |  | Typewriting | Office |
|  |  |  |  | Secretaryship. |
|  |  |  |  |  |

**For the diploma Courses related with Engineering**/Technology, the related / equivalent subjects prescribed along with Practical may also be taken for arriving the eligibility.

Branch will be allotted according to merit through counseling by the respective Principal as per communal reservation.

For admission to the Textile Technology, Leather Technology, Printing Technology, Chemical Technology and Modern Office Practice Diploma courses the candidates studied the related subjects will be given first preference.

*Candidates who have studied Commerce Subjects are not eligible for Engineering Diploma Courses.*

**4. Age Limit:** **No Age limit.**

1. **Medium of Instruction: English**
2. **Eligibility for the Award of Diploma:**

No candidate shall be eligible for the Diploma unless he/she has undergone the prescribed course of study for a period of not less than 3 academic years in any institution affiliated to the State Board of Technical Education and Training, TamilNadu, when joined in First Year and two years if joined under Lateral Entry scheme in the second year and passed the prescribed examination.

The minimum and maximum period for completion of Diploma Courses are as given below:

|  |  |  |
| --- | --- | --- |
| **Diploma Course** | **Minimum** | **Maximum** |
| **Period** | **Period** |
|  |
| Full Time | 3 Years | 6 Years |
| Full Time(Lateral | 2 Years | 5 Years |
| Entry) |  |  |
| Sandwich | 3½ Years | 6½ Years |
| Part Time | 4 Years | 7 Years |

1. **Subjects of Study and Curriculum outline:**

The subjects of study shall be in accordance with the syllabus prescribed from time to time, both in theory and practical. The curriculum outline is given in Annexure **- I**

1. **Examinations:**

Board Examinations in all subjects of all the semesters under the scheme of examinations will be conducted at the end of each semester.

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The Internal assessment marks for all the subjects will be awarded on the basis of continuous internal assessment earned during the semester concerned. For each subject 25 marks are allotted for internal assessment and 75 marks are allotted for Board Examination.

1. **Continuous Internal Assessment:**

**A . For Theory Subjects:**

The Internal Assessment marks for a total of 25 marks, which are to be distributed as follows:

**i. Subject Attendance** **5 Marks**

(Award of marks for subject attendance to each subject theory/practical will as per the range given below)



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 80% | - | 83% | 1 | Mark |
| 84% | - | 87% | 2 | Marks |
| 88% | - | 91% | 3 | Marks |
| 92% | - | 95% | 4 | Marks |
| 96% | - | 100% | 5 | Marks |

**ii) Test #** **10 Marks**

2 Tests each of 2 hours duration for a total of 50 marks are to be conducted. Out of which the best one will be taken and the marks to be reduced to:

The Test – III is to be the Model test covering all the five units and the marks so obtained will be reduced to :

Total

05 marks

05 marks

**10 marks**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TEST** | | **UNITS** | **WHEN TO** | **MARKS** | **DURATION** |
| **CONDUCT** |
|  |  |  |  |  |
| **Test** | **I** | Unit – I & II | End of 6th | 50 | 2 Hrs |
| week |
|  |  |  |  |  |
| **Test** | **II** | Unit – III & IV | End of 12th | 50 | 2 Hrs |
| week |
|  |  |  |  |  |
| **Test** |  | **Model Examination** - **Compulsory** | End of 15th |  |  |
|  | Covering all the 5 Units. | 75 | 3 Hrs |
| **III** |  | (Board Examination-question paper- | week |
|  |  |  |
|  |  | pattern). |  |  |  |

**# - From the Academic year 2017-2018 onwards.**

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Question Paper Pattern for the Periodical Test :( Test - I & Test- II)

|  |  |  |  |
| --- | --- | --- | --- |
| With no choice: |  |  |  |
| PART A type questions: | 4 | Questions X 2 mark | … … 8 marks |
| PART B type questions: | 4 | Questions X 3 marks | … … 12 marks |
| PART C type questions: | 6 | Questions X 5 marks | … … 30 marks |

|  |  |  |
| --- | --- | --- |
|  | ----------- |  |
| **Total** | 50 marks |  |
| **iii) Assignment** | ----------- | **Marks** |
| **10** |

For each subject Three Assignments are to be given each for 20 marks and the average marks scored should be reduced for 10 marks

All Test Papers and assignment notebooks after getting the signature with date from the students must be kept in the safe custody in the Department for verification and audit. It should be preserved for 2 Semesters and produced to the flying squad and the inspection team at the time of inspection/verification.

**B. For Practical Subjects:**

The internal assessment mark for a total of 25 marks which are to be distributed as follows:-

a) Attendance : **5 Marks**

(Award of marks as same as Theory subjects)

1. Procedure/ observation and tabulation/

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Other Practical related Work | : | **10** | **Marks** |
| c) | Record writing | : | **10** | **Marks** |
|  |  |  | ----- |  |
|  | TOTAL | : | **25** | **Marks** |
|  |  |  | ----- |  |

*All the Experiments/exercises indicated in the syllabus should be completed and the same to be given for final board examinations.*

The Record for every completed exercise should be submitted in the subsequent Practical classes and marks should be awarded for 20 for each exercise as per the above allocation.

At the end of the Semester, the average marks of all the exercises should be calculated for 20 marks and the marks awarded for attendance is to be added to arrive at the internal assessment mark for Practical. (20+5=25 marks)

The students have to submit the duly signed bonafide record note book/file during the Practical Board Examinations.

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*All the marks awarded for assignment, Test and attendance should be entered in the Personal Log Book of the staff, who is handling the subject. This is applicable to both Theory and Practical subjects.*

1. **Life and Employability Skill Practical:**

The Life and Employability Skill Practical with more emphasis is being introduced in IV Semester for Circuit Branches and inV Semester for other branches of Engineering.

Much Stress is given to increase the employability of the students:

Internal assessment Mark **…..** **25 Marks**

1. **Project Work:**

The students of all the Diploma Programmes **(except Diploma in Modern** **Office Practice)** have to do a Project Work as part of the Curriculum and inpartial fulfillment for the award of Diploma by the State Board of Technical Education and Training, Tamilnadu. In order to encourage students to do worthwhile and innovative projects, every year prizes are awarded for the best three projects i.e. institution wise, region wise and state wise. **The Project** **work must be reviewed twice in the same semester.**

**a) Internal assessment mark for Project Work & Viva Voce:**

|  |  |  |
| --- | --- | --- |
| Project Review I | … | **10 marks** |
| Project Review II | … | **10 marks** |
| Attendance | … | **05 marks** (award of marks same as |
|  |  | theory subjects pattern) |
|  |  | ----------- |
| Total | … | **25 marks** |
|  |  | ------------ |

Proper record to be maintained for the two Project Reviews, and It should be preserved for 2 Semesters and produced to the flying squad and the inspection team at the time of inspection/verification.

1. **Allocation of Mark for Project Work & Viva Voce in Board Examination:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Viva Voce | | … | **43 marks** | |  |
| Demonstration/Presentation | | … | **20 marks** | |  |
|  |  |  | -------------- | |  |
|  | Total |  | **63 marks** | |  |
|  |  |  | **-------------** | |  |
| **c)** | **Written Test Mark (from 3 topics for 30 minutes duration):** $ | | | | |
| i) | Entrepreneurship | 2 questions X 2 marks | | | = **4 marks** |
| ii) Environment Management | | 2 questions X 2 marks | | | = **4 marks** |
| iii) Disaster Management | | 2 questions X 2 marks | | | = **4 marks** |
|  | | | | ----- | | |
|  | | | | **12 marks** | | |
|  | | | | ----- | | |
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$ **-** Selection of Questions should be from Question Bank, by the External Examiner.

No choice need be given to the candidates.

Project Work & Viva Voce in Board Examination

Written Test Mark (from 3 topics for 1 hour duration)

TOTAL

* **63 Marks**
* **12 Marks**
* **75 Marks**

**A neatly prepared PROJECT REPORT as per the format has to be submitted by individual during the Project Work & Viva Voce Board examination.**