



# SRI DURGADEVI POLYTECHNIC COLLEGE

(LAKSHMIKANTHAMMAL EDUCATIONAL TRUST)

R.S.M. NAGAR, KAVARAIPETTAL, GUMMIDIPOONDI TK.  
THIRUVALLUR DIST. 601 206.

(Approved by All India Council for Technical Education, New Delhi,  
and affiliated to the Directorate of Technical Education, Govt. of Tamilnadu)

**Thiru. R.S. MUNIRATHINAM**  
FOUNDER - CHAIRMAN

**Tmt. MANJULA MUNIRATHINAM**  
CHAIRPERSON  
(LAKSHMIKANTHAMMAL EDUCATIONAL TRUST)

**Thiru. R. JOTHI NAIDU**  
DIRECTOR

**Thiru. R.M. KISHORE**  
VICE-CHAIRMAN

**Thiru. YELAMANCHI PRADEEP**  
SECRETARY

**Dr. DURGADEVI PRADEEP**  
VICE-CHAIRPERSON

**Tmt. SOWMYA KISHORE**  
MANAGEMENT TRUSTEE

**Dr. K. LAKSHMANAN**, M.E., Ph.D., MISTE., AIE.,  
PRINCIPAL

**Trust Office :**

PLOT No. 2981, 'Z' BLOCK, I STREET,  
13th MAIN ROAD, ANNA NAGAR,  
CHENNAI - 600 040.

Phone : (044) 26211504, 26266046

☎ 044 - 27925334

## GENERAL INFORMATION

Working Hours : 8.30 am - 4.20 pm

Break : 10.35 am - 10.45 am  
& 2.45 pm - 2.55 pm

Lunch Break : As specified in the time table

Weekly Holidays : Sunday & Monday

## TEST / EXAMINATION TENTATIVE SCHEDULE

	Odd Semester	Even Semester	
Reopening Date	29.05.2017	27.11.2017	
I Test	28.06.2017	27.12.2017	
II Test	19.07.2017	23.01.2018	
III Test	17.08.2017	15.02.2018	
I Model Exam	07.09.2017	07.03.2018	
II Model Exam	20-09-2017	20.03.2018	
Board Exam	Practical	05-10-2017	27.03.2018
	Theory	24-10-2017	03.04.2018

**Above said dates are tentative**

## PERSONAL MEMORANDA

Name :  
Class / Branch :  
Roll No. / Reg. No. :  
Parent's / Guardian's Name :  
Permanent Address :  
  
Communication Address :  
  
E-mail :  
Height :  
Weight :  
Blood Group :  
Identity Card No. :  
Bank Account Number :  
Contact Phone No. : Parent :  
Local Guardian

## INTRODUCTION

**LAKSHMIKANTHAMMAL EDUCATIONAL TRUST** is a registered Telugu Public Educational Trust established in the year 1994 to render philanthropic and educational service to Telugu linguistic people living in rural areas bordering Tamil Nadu and Andhra Pradesh. The main objective of the Trust is to foster quality technical and higher education and research and training in rural areas in various branches of science and technology and simultaneously inculcate among the youth a sense of discipline so that they can be moulded to be competent and talented engineers. With this aim the Trust started R.M.K. Engineering College in the year 1995-96 at Kavaraipettai, Gummidipoondi Taluk, Thiruvallur District. The Engineering College is approved by the All India Council for Technical Education, New Delhi and is affiliated to Anna University, Chennai.

The Trust has also started **SRI DURGADEVI POLYTECHNIC COLLEGE** in the year 1998-99. The institution has been approved by All India Council for Technical Education, New Delhi and affiliated to the Directorate of Technical Education, Chennai. This is a Telugu linguistic Minority Institution.

## LOCATION

**SRI DURGADEVI POLYTECHNIC COLLEGE** is located at R.S.M. Nagar, Kavaraipettai at a distance of about 35 km from Chennai on the Chennai - Kolkatta National Highway. It is easily reached from Chennai by bus proceeding to Gummidipoondi/Sulurpeta/Nellore/Nayudupetta/Sri Kalahasthi/Thirupathi. The Polytechnic College is about a kilometer from Kavaraipettai Railway Station (next to Ponneri).

## COURSES OFFERED

The following 3 years Diploma Courses are being offered in this Institution.

1. **ELECTRICAL & ELECTRONICS ENGINEERING**
2. **MECHANICAL ENGINEERING**

## ELIGIBILITY FOR ADMISSION

- Regular Scheme : Passed 10th Std / SSC Examination obtained at least 35% marks at the qualifying examination.
- Lateral Entry Scheme : 12th Mathematics with Science or 12th Mathematics with Vocational / Technical or Xth + (2 years ITI) with appropriate Specialisation
- Age Limit : No Age Limit

## FACULTY

**SRI DURGADEVI POLYTECHNIC COLLEGE** has well qualified, experienced & dedicated faculty in the disciplines of Basic Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering and Mechanical Engineering.

### PRINCIPAL

1. Dr. Lakshmanan, K. ME, Ph.D., MISTE, AIE Principal

### TEACHING STAFF

#### *Department of Science and Humanities*

- 2 Mr.Ramakrishna Srinivasan G M.Sc.,B.Ed.,M.Phil.,MISTE. HOD
- 3 Mrs.Leena Devanesam S M.A.,M.A.,B.Ed.,MISTE. Lecturer/Sr.Scale
- 4 Mr.Seenivasan A M.A., M.Phil., MISTE. Lecturer/Sr.Scale
- 5 Mrs.Rubavathy M M.Sc.,M.Phil. Lecturer/Sr.Scale
- 6 Mrs.Santhi .V M.Sc., M.Phil. Lecturer
- 7 Mrs.Deepa P S M.Sc.,M.Phil.,MISTE. Lecturer/Sr.Scale
- 8 Mr.Vasanth Kumar R M.Sc.,M.Phil. Lecturer/Sr.Scale
- 9 Mr.Sebasteen Irudaya Arasu X M.Sc. Lecturer / Sel.Gr.
- 10 Mrs.Sugitha G M.Sc.,M.Phil. Lecturer
- 11 Mr.Karthikeyan S B.E., MISTE. Lecturer/Sr.Scale
- 12 Mr.Krishnadas R M.E. Lecturer/Sr.Scale

#### *Mechanical Engineering*

- 13 Mr.Meganathan K B.E., MISTE. HOD In charge
- 14 Mr.Khaja Mohideen Z B.E., MISTE. Lecturer/Sr.Scale
- 15 Mr.Sankaralingam T M.E., MISTE. Lecturer/Sr.Scale
- 16 Mr.Ramesh M B.E., MISTE. Lecturer/Sr.Scale
- 17 Mr.Sabarikkumar N M.Tech., Lecturer/Sr.Scale
- 18 Mr.Ayappan P B.E. Lecturer
- 19 Mr.Mathan Kumar R B.E. Lecturer
- 20 Mr.Lokesh R.J B.E. Lecturer
- 21 Mr.Paneer Selvam V B.Tech. Lecturer
- 22 Mr.Gopikrishnan V B.E. Lecturer

**EEE**

23	Mr.Siva Aadidyan S	M.Tech., MISTE.	HOD In charge
24	Mrs.Poonkuzhali S	M.Tech., MISTE.	Lecturer/Sr.Scale
25	Mrs.Deepa Devi P	B.E., MISTE.	Lecturer/Sr.Scale
26	Mrs.Kalpana G N	B.E.	Lecturer
27	Mrs.Vasumathi M A	M.Tech., MISTE.	Lecturer/Sr.Scale
28	Mr.Prabhu R	B.E.	Lecturer/Sr.Scale
29	Mr.Karthik Raman.B	B.E.	Lecturer
30	Ms.Jamuna S	B.E.	Lecturer
31	Ms.Suriyalakshmi G	B.E.	Lecturer
32	Mr.Logeswaran KP	B.E.	Lecturer
33	Ms.Divya V.K	B.E.	Lecturer
34	Mr.Antony Robert A	M.E.,	Lecturer

**ECE**

35	Mr.Gnanaselvam R	M.Tech.	HOD In charge
36	Ms.Ammi Preethi S	B.E.	Lecturer
37	Mrs.Shanmuga Priya A	B.E.	Lecturer
38	Mr.Prabhu G	B.E.	Lecturer
39	Mr.Ravi V	B.Tech.	Lecturer
40	Mr.Rajkumar M	B.E.	Lecturer

**Library**

41	Mr.Umapathy N	M.A.,M.L.I.S.	Librarian
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**Department of Physical Education**

42	Mr.Devaraj Y	M.P.Ed.,	Asst. Physical Director
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**Non - Teaching Staff****Administrative Staff**

43	Mr.Nageswara Rao M	B.A.	Manager
44	Mrs.Kamala A	B.Sc.,	Clerk
45	Mr.Muni Krishnan R		O.A
46	Mr.Munichangalayudu		O.A
47	Mr.Vijayakumar M V		O.A

**Department of Basic Engg**

48	Mrs.Bhuvanewari R	B.Sc., H.D.C.A.,D.P.T.T.	Lab Asst.
49	Mrs.Vimala K	B.Sc.	Lab Asst.
50	Mr. Rajesh S	I.T.I.	Lab Asst.

**Department of Mechanical Engg**

51	Mr.Kumar D	D.M.E.	Lab Asst.
52	Mr.Sivamoorthi A	D.M.E.	Lab Asst.
53	Mr.Kumaresan M	I.T.I.	Lab Asst.
54	Mr.Manohar P	I.T.I.	Lab Asst.

**Department of Electrical and Electronics Engg**

55	Mr.Rajasekar M	D.E.E.E.	Lab Asst.
56	Mr.Murugan N	B.E.	Lab Asst.

**Computer Centre**

57	Mr.Mathivanan R	D.C.T.	System Admin.
58	Mr.Suresh S	I.T.I.	Lab Asst.

**Training And Placement Cell**

59	Mr.Harikumar K G	D.E.C.E., MISTE.	Asst. Placement Officer
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## **STUDENT COUNSELLING**

Each staff member is assigned a group of about 20 students of a class for counselling. The counsellor advises in the sphere of academic environmental and personal matters of the students under his / her group. This would assure the students a continuous support and encouragement to make a better understanding between students and the teacher / counsellor. This process is done for all the students of all the years and branches.

## **LIBRARY**

Library facility plays a vital role in achieving the cherished education and stimulating academic interest among the students community. The college library has a collection of nearly 12,285 books, 400 CDs, besides subscription of nearly 22 foreign and Indian journals.

A comfortably furnished reading room is available to accommodate about 150 students at a time.

## **FACILITIES FOR SPORT AND GAMES**

A special attention is given to bring out the students' real potentialities through sports and games. Students are given the opportunities to play both indoor and outdoor games. Physical education department strives its level best to develop students' all round developments.

## **BOARD EXAMINATION**

Board Examinations are conducted in April / October by the State Board of Technical Education, Tamil Nadu, Chennai.

The student will be permitted to appear for the Board Examinations only if, he/she complies with the regulations given below.

1. He / she must have a minimum of 80% attendance of the total working days in the semester. The 20% latitude permitted is only for legitimate leave and is inclusive of leave on medical grounds.
2. His / her academic progress during the year is satisfactory as judged by his/her performance in the class assignment, tests, model examination etc. Any student not attending and passing these tests shall not be permitted to appear for the Board Examinations.
3. Breach of rules and regulations, misbehaviour causing disturbance in class or campus or damage to property etc. will be considered as bad conduct and character.
4. To govern the students' attendance a standard system is maintained by the institution as instructed by DOTE.
5. Participants in NSS / Sports / Seminar shall be given 'OD' (On Duty) on production of permission letter from the staff concerned. If they do not do so the day is treated as absent.
6. If any student is absent on account of physical illness, the student must produce medical certificate to the Principal. Such students' absence to the college may be treated as medical leave as instructed by DOTE.
7. Every month students' attendance is sent to the DOTE e-Governance cell.
8. Parent / student can view the attendance status by entering the register number of the student on the website.
9. No student is permitted to approach DOTE officials without the knowledge of the institution.

The students may note that the above nine requirements that are eligible to appear for the Board Examinations at the end of each semester / year.

No relaxation of the above shall be made under any circumstances.

All students should complete the course and pass all the subjects within 6 years from the year of admission. (Govt. Edn. Dept. Lr. No. 35826/J2/90-1, dated 02-05-1990).

## **RULES AND REGULATIONS TO BE OBSERVED IN THE POLYTECHNIC COLLEGE**

### **GENERAL**

SRI DURGADEVI POLYTECHNIC COLLEGE is striving its best to impart the best Technical Education and also inculcate discipline among the students. This college will offer all opportunities to establish student's talent.

### **A. DISCIPLINE**

Every student is expected to observe the highest level of discipline within and outside the campus. Indiscipline of any kind, use of obscene language and improper behaviour with anybody especially with girl students will be dealt with severely.

All students shall implicitly obey all orders issued by the Principal or any Staff Member from time to time. Students not complying with any of the rules are liable to be fined, suspended or dismissed from the polytechnic college. The decision of the Principal shall be final in all such matters.

### **B. DRESS**

All the students should wear uniforms compulsorily on all working days and at all times when they are present in the campus. The identity card / badge should be pinned upto the chest at all times without fail. In addition all the students should wear shoes during all classes compulsorily. Further the students should wear overcoat during lab hours compulsorily. During the working hours student should not wear jeans and T-Shirts.

### **C. ATTENDANCE**

The students are expected to be punctual in attending classes and should be present in their class rooms, laboratories and workshops at least 5 minutes before the commencement of classes. Action will be taken against habitual late comers.

No student shall be absent to classes without obtaining prior sanction of leave. In case of emergencies, when such prior sanction cannot be obtained, the leave letter should be produced on the first day he/she reports to the Polytechnic college after leave.

Attendance on the reopening day and on the last day of the semester/year is compulsory.

### **D. CLASS ROOM MANNERS**

1. Students are expected to be regular and punctual to the classes.
2. Students should be seated in the lecture halls 5 minutes before the commencement of the class. It is desirable that not more than three sit in a bench.
3. Students should maintain perfect order and strict silence inside the lecture/drawing halls/labs/workshop.
4. Unnecessary movement from one bench/table to another bench / table / class room / lab / workshop should be avoided. Movement outside the class room in between lectures should be a minimum and for valid reasons only.
5. Students are generally expected to be attentive, take down notes and solve problems in the class. They should bring all required materials everyday. They should avoid borrowing materials from other students or trying to procure them after coming to the institute. Observation note books should be brought to the laboratory classes. Record of experiments done in a particular class should be submitted in the next laboratory class.

6. The student of one class should not go to another class for any reason whatsoever.
7. The student must bring the Hand Book on all working days.

#### **E. ACADEMIC STANDARDS**

Students should attend all tests and show academic progress. The penalty will be imposed on absentees to the regular tests.

Regularity in writing the tests and satisfactory performance of students in tests are essential to appear for the Board Examinations at the end of the semester / year.

Any student found indulging in malpractice in the tests / model exams will be debarred from the rest of examinations.

#### **F. GENERAL BEHAVIOUR**

As a gesture of courtesy all students should wish the Chairman, Members of the Management, Principal and all Staff Members whenever they meet. Failure to do so will be considered as bad conduct. Students are expected to use courteous and polite language towards members of staff and conduct themselves with decorum and decency in the campus as well as outside the campus.

Smoking, use of intoxicants, liquor, drugs, etc., are strictly prohibited. Any student found using the above is liable to be punished severely.

Students should not keep their legs on walls, scribble on walls and sit on parapet. They should not loiter on verandhas. Boys should not loiter near the girls' waiting room, toilet and work place. Girls' should guard themselves from unnecessary and indecent remarks which will spoil their character.

Every student should handle the institute property with utmost care. Causing wilful damage will entail dismissal from the institution.

No function, meeting or parties shall be entertained within the campus without the written permission of the Principal.

Students shall bring books, note books, record books, Hand Book, drawing instruments etc., to the classes, as required. Students those who are coming to classes without the required materials shall not be permitted to attend the class.

All dues to the institute, such as tuition fees, lab fees, special fees, etc. are to be cleared by the stipulated date and any fine imposed on students shall be paid on the next working day failings which the students will not be permitted to attend classes. Fees once paid will not be refunded. If any student discontinues the course in the middle, he/she has to pay the fee for the entire course.

Parents and visitors are permitted to meet their children / wards only after the working hours with the prior permission from the Principal.

**Students are not permitted to use two wheelers / four wheelers as mode of conveyances.**

**Cell phones are strictly prohibited inside the campus.**

#### **NOTIFICATION ON RAGGING**

Ragging means display of noisy, disorderly conduct doing any act which is likely to cause physical or psychological harm or raise apprehension or fear or shame or embarrassment to a student. Ragging is inclusive of teasing, abusing of, playing practical jokes on, or causing hurt to such student or asking the student to do any act or perform something in which the student is reluctant.

Whoever directly or indirectly commits, participates in or propagates 'ragging' inside or outside the campus shall be punished with imprisonment for a term which may extend to two years, and shall be liable to a fine which may extend to Rs. 10000.

Any student convicted of an offence shall also be dismissed from the institution and such student shall not be admitted in any other educational institution.

## REGULATIONS FOR HOSTEL RESIDENTS

1. Admission to hostel is not automatic. Students desirous of seeking admission to the hostel should apply before the commencement of the academic year. Admission is restricted only to those who agree to abide by the rules and regulations of the hostel.
2. Students are permitted to leave the hostel on holidays five times in a semester. They may utilize this provision to go to their native places on any two occasions. Permission can be obtained in the prescribed form available with the warden.
3. The Mess Timings are :  
Breakfast : 7.30 a.m. - 8.00 a.m.  
Lunch : As mentioned in the College time table.  
Tea : 4.00 p.m. - 4.30 p.m.  
Dinner : 7.30 p.m. - 8.00 p.m.
4. The study hours in the hostel start from 9.00 a.m. to 12.00 noon (on holidays) and 8.30 p.m. to 10.30 p.m. daily. During the study hours, the students are expected to stay in their rooms and keep their rooms open. They should avoid group discussions.
5. Only parents / authorized visitors are allowed to meet their wards between 4.00 p.m. and 6.00 p.m. during the working days and between 9.00 a.m. and 6.00 p.m. on Sundays.
6. During the working days students should attend the college without fail. No student should stay in the hostel during the working hours of the college. They should leave the hostel in time to attend the classes for the day.
7. Girl students will be permitted to go out of the hostel only with the escort nominated by the Parent / Principal or only with prior permission obtained from the Principal by the Parent directly.
8. The students who wishes to go out of the hostel either to the city should enter the date and time of leaving the hostel and the date and time of returning to the hostel.
9. The hostel fee will be collected at the beginning of the academic year. In case of any student leaving the hostel in the middle, no refund will be made on any account.

10. Parents, visitors and students are informed that T-SHIRTS, JEANS AND OTHER CASUALS ARE STRICTLY PROHIBITED IN THE CAMPUS BETWEEN 8.30 a.m. and 4.30 p.m. ON ALL WORKING DAYS.
11. Parents are advised not to send money to the students by money order. They may send D.D. for the amount made payable at I.O.B. Kavaraipettai.
12. The furniture provided to the students should be neatly maintained. If any damage or defacing is done, repair charges and painting charges will be collected from the student.

## BUS ROUTE

### Route No. 11 Guindy Railway Station

Guindy Rly Station (6.50) - Nehru statue - Ashok Pillar (7.00) - Ambika Embire (7.05) - Koyambedu (7.10) - Thirumangalam (7.20) - College (8.10)

### Route No. 63 Purasawalkam

Kelly's Signal (6.45) - Abirami Theatre - Purasawalkam Tank (6.50) - Doveton - Bhuvaneswari (6.55) - Otteri - Perambur Bus Depot (7.00) - Perambur Church (7.05) - Venus - Agaram - Kolathur Anna statue - Moogambigai - Rettery - College (8.10)

### Route no. 72 Tollgate

Tollgate (6.45) - Tondiarpet Bus Depot (6.50) - Maharani (6.55) - Royapuram - Stanley Hospital (7.05) - Mint (7.07) - Basin Bridge - Vyasarbadi (7.10) - Sharma Nagar - Moolakadai (7.15) - College (8.10)

### Route No. 81 Thiruvottriyur

Thiruvottriyur (6.35) - Rajakadai - Kaladipet - Thiruvottriyur Police Station - Ellaiamman Koil (6.40) - Theradi - Ajax - Periyar Nagar - Wimco - Ennore Lift Gate (6.55) - Jothinagar - MFL corner - Minjur BDO Office (7.25) - Minjur Mettupalayam (7.35) - Vembakkam (7.40) - Andarkuppam - College (8.10)



**CURRICULUM AND SCHEME OF EXAMINATION  
FIRST YEAR (M - SCHEME)  
WITH EFFECT FROM 2015 - 2016**

Total Curriculum Hours : 35 Hours / Week  
Total Working Hours : 35 Hours / Week : 15 Weeks / Semester

**SEMESTER I**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	30011	Communication English - I	5	3	25	75	100	40
2.	30012	Engineering Mathematics - I	8	3	25	75	100	40
3.	30013	Engineering Physics - I	5	3	25	75	100	40
4.	30014	Engineering Chemistry - I	5	3	25	75	100	40
5.	30015	Engineering Graphics - I	5	3	25	75	100	40
6.	30016	Engineering Physics - I Practical	2	3	25	75	100	50
7.	30017	Engineering Chemistry - I Practical	2	3	25	75	100	50
8.	30018	Workshop Practice	3	3	25	75	100	50

**SEMESTER II**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	30021	Communication English - II	5	3	25	75	100	40
2.	30022	Engineering Mathematics - II	5	3	25	75	100	40
3.	30023	Applied Mathematics	5	3	25	75	100	40
4.	30024	Engineering Physics - II	5	3	25	75	100	40
5.	30025	Engineering Chemistry - II	5	3	25	75	100	40
6.	30026	Engineering Graphics - II	6	3	25	75	100	40
7.	30027	Engineering Physics - II Practical	2	3	25	75	100	50
8.	30028	Engineering Chemistry - II Practical	2	3	25	75	100	50

\* - Minimum of 30 marks out of 75 Marks in Theory Examination.  
\*- Minimum of 35 Marks out of 75 Marks in Practical Examination.

**CURRICULUM AND SCHEME OF EXAMINATION  
DIPLOMA IN ELECTRICAL & ELECTRONICS ENGG. (FULL TIME)  
(COURSE NO. : 1030)  
(M - SCHEME)  
(with effect from 2015 - 2016)**

Total Curriculum Hours : 35 Hours / Week  
Total Working Hours : 35 Hours / Week : 15 Weeks / Semester

**III SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	33031	Electrical Circuit Theory	6	3	25	75	100	40
2.	33032	Electrical Machines - 1	5	3	25	75	100	40
3.	34031	Electronics Devices and Circuits*	6	3	25	75	100	40
4.	33034	Electrical Circuits and Machines Practical	5	3	25	75	100	50
5.	34034	Electronic Devices and Circuits Practical*	5	3	25	75	100	50
6.	33036	Electrical Workshop Practical	3	3	25	75	100	50
7.	30001	Computer Application Practical # Seminar	4 1	3 -	25 -	75 -	100 -	50 -

**IV SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	33041	Electrical Machines - II	6	3	25	75	100	40
2.	33042	Measurements and Instruments	5	3	25	75	100	40
3.	34043	Digital Electronics*	5	3	25	75	100	40
4.	33044	Transducers and Signal Conditioners	4	3	25	75	100	40
5.	33045	Electrical Machines and Instrumentation Practical	5	3	25	75	100	50
6.	34046	Integrated Circuits Practical*	5	3	25	75	100	50
7.	30002	Life and Employability Skill Practical Seminar	4 1	3 -	25 -	75 -	100 -	50 -

# Common with all branch. \*Common with ECE Branch  
\* - Minimum of 30 marks out of 75 Marks in Theory Examination.  
\*- Minimum of 35 Marks out of 75 Marks in Practical Examination.

**CURRICULUM AND SCHEME OF EXAMINATION  
DIPLOMA IN ELECTRICAL & ELECTRONICS ENGG. (FULL TIME)  
(M - SCHEME)**

Total Curriculum Hours : 35 Hours / Week

Total Working Hours : 35 Hours / Week : 16 Weeks / Semester

**V SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	33051	Generation Transmission and Switchgear	6	3	25	75	100	40
2.	34052	Micro Controller*	6	3	25	75	100	40
3.	33053	Electrical Estimation and Energy Auditing	5	3	25	75	100	40
4.	33071	Control of Electrical Machines	5	3	25	75	100	40
5.	33055	Computer Aided Electrical Drawing Practical	4	3	25	75	100	50
6.	34056	Micro Controller Practical	4	3	25	75	100	50
7.	33074	Control of Electrical Machines Practical Seminar	4 1	3	25	75	100	50

\* - Common with ECE Branch

**VI SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	33061	Distribution and Utilization	6	3	25	75	100	40
2.	33062	Operation and Maintenance of Electrical Equipment	5	3	25	75	100	40
3.	33081	Power Electronics	5	3	25	75	100	40
4.	33064	Wiring and Winding Practical	5	3	25	75	100	40
5.	33065	Electrical Circuits Simulation Practical	4	3	25	75	100	50
6.	33084	Power Electronics Practical	5	3	25	75	100	50
7.	33067	Project Work Seminar	4 1	3	25	75	100	50

\* - Minimum of 30 marks out of 75 Marks in Theory Examination.

\*- Minimum of 35 Marks out of 75 Marks in Practical Examination.

**CURRICULUM AND SCHEME OF EXAMINATION  
DIPLOMA IN ELECTRONICS & COMMUNICATION ENGG. (FULL TIME)  
(COURSE NO. : 1040)  
(M - SCHEME)  
(with effect from 2015 - 2016)**

Total Curriculum Hours : 35 Hours / Week

Total Working Hours : 35 Hours / Week : 15 Weeks / Semester

**III SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	34031	Electronic Devices and Circuits*	6	3	25	75	100	40
2.	34032	Electrical Circuits and Instrumentation	6	3	25	75	100	40
3.	34033	Programming in 'C'	5	3	25	75	100	40
4.	34034	Electronic Devices and Circuits Practical*	4	3	25	75	100	50
5.	34035	Electrical Circuits and Instrumentation practical	4	3	25	75	100	50
6.	34036	"Programming in 'C'" Practical	5	3	25	75	100	50
7.	34037	Computer Application Practical for Electronics Seminar	4 1	3	25	75	100	50

**IV SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	34041	Industrial Electronics	5	3	25	75	100	40
2.	34042	Communication Engineering	6	3	25	75	100	40
3.	34043	Digital Electronics*	5	3	25	75	100	40
4.	34044	Linear Integrated Circuits	4	3	25	75	100	40
5.	34045	Industrial Electronics & Communication Practical	5	3	25	75	100	50
6.	34046	Integrated Circuits Practical*	5	3	25	75	100	50
7.	30002	Life and Employability Skill Practical Seminar	4 1	3	25	75	100	50

\* - Minimum of 30 marks out of 75 Marks in Theory Examination.

\*- Minimum of 35 Marks out of 75 Marks in Practical Examination.

\* Common with EEE, \*Common for all branches

**CURRICULUM AND SCHEME OF EXAMINATION  
DEPARTMENT ELECTRONICS & COMMUNICATION ENGG.  
(M - SCHEME)**

Total Curriculum Hours : 35 Hours / Week  
Total Working Hours : 35 Hours / Week : 16 Weeks / Semester

**V SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	34051	Advanced Communication Systems	6	3	25	75	100	40
2.	34052	Micro Controller @	6	3	25	75	100	40
3.	34053	Very Large Scale Integration	5	3	25	75	100	40
4.	34071	Digital Communication	5	3	25	75	100	40
5.	34055	Advanced Communication Systems Practical	4	3	25	75	100	50
6.	34056	Micro Controller Practical @	4	3	25	75	100	50
7.	24057	Very Large Scale Integration Practical Seminar	4 1	3	25	75	100	50

@ \* - Common with EEE Branch

**VI SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	34061	Computer Hardware Servicing and Networking	6	3	25	75	100	40
2.	34062	Test Engineering	6	3	25	75	100	40
3.	34082	Biomedical Instrumentation	5	3	25	75	100	40
4.	34064	Computer Hardware Servicing Networking Practical	4	3	25	75	100	50
5.	34065	Test Engineering Practical	4	3	25	75	100	50
6.	34066	Embedded Systems Practical	5	3	25	75	100	50
7.	34067	Project Work Seminar	4 1	3	25	75	100	50

\* - Minimum of 30 marks out of 75 Marks in Theory Examination.  
\*- Minimum of 35 Marks out of 75 Marks in Practical Examination.

**CURRICULUM AND SCHEME OF EXAMINATION  
DIPLOMA IN MECHANICAL ENGINEERING (FULL TIME)  
(COURSE NO. : 1020)  
(M - SCHEME)**

**(with effect from 2015 - 2016)**

Total Curriculum Hours : 35 Hours / Week  
Total Working Hours : 35 Hours / Week : 15 Weeks / Semester

**III SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	32031	Strength of Materials	6	3	25	75	100	40
2.	32032	Manufacturing Process	6	3	25	75	100	40
3.	32033	Machine Drawing	4	3	25	75	100	40
4.	32034	Computer Applications and CAD practical	6	3	25	75	100	40
5.	22035	Foundry and Welding Practical	4	3	25	75	100	50
6.	32036	Lathe and Drilling Practical	4	3	25	75	100	50
7.	32037	Metrology and Metallography Practical Seminar	4 1	3	25	75	100	50
				-	-	-	-	-

**IV SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	32041	Heat Power Engineering	6	3	25	75	100	40
2.	32042	Special Machines	5	5	25	75	100	40
3.	32043	Fluid Mechanics and Fluid Power	5	3	25	75	100	40
4.	32044	Electrical Drives & Control	6	3	25	75	100	50
5.	32045	Strength of Materials and Fluid Mechanics Practical	4	3	25	75	100	50
6.	32046	Special Machines Practice	4	3	25	75	100	50
7.	32047	Electrical Drives & Control Practical Seminar	4 1	3	25	75	100	50
				-	-	-	-	-

\* - Minimum of 30 marks out of 75 Marks in Theory Examination.  
\*- Minimum of 35 Marks out of 75 Marks in Practical Examination.

**CURRICULUM AND SCHEME OF EXAMINATION  
DIPLOMA IN MECHANICAL ENGINEERING (FULL TIME)**

**(M - SCHEME)**

Total Curriculum Hours : 35 Hours / Week

Total Working Hours : 35 Hours / Week : 16 Weeks / Semester

**V SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	32051	Design of Machine Elements	6	3	25	75	100	40
2.	32052	Thermal and Automobile Engineering	6	3	25	75	100	40
3.	32053	Process Planning and Cost Estimation	5	3	25	75	100	40
4.	32073	Renewable Energy Sources and Energy Conservation	5	3	25	75	100	40
5.	32055	Process Automation Practical	4	3	25	75	100	50
6.	32056	Thermal and Automobile Engineering Practical	4	3	25	75	100	50
7.	30002	Life and Employability Skills Practical Seminar	4 1	3	25	75	100	50

**VI SEMESTER**

Sl. No.	Subject Code	Name of Subject	Hours per week	Scheme of Examination				
				Duration of Exam Hours	IA	BE*	Total	Min. Marks for Pass
1.	32061	Industrial Engineering and Management	6	3	25	75	100	40
2.	32062	Computer Aided Design and Manufacturing	5	3	25	75	100	40
3.	32081	Mechanical Instrumentation	5	3	25	75	100	40
4.	32064	Computer Aided Design and Manufacturing Practical	6	3	25	75	100	50
5.	32065	Machine Tool Testing and Maintenance Practical	4	3	25	75	100	50
6.	32084	Mechanical Instrumentation Practical	4	3	25	75	100	50
7.	32067	Project Work Seminar	4 1	3	25	75	100	50

\* - Minimum of 30 marks out of 75 Marks in Theory Examination.

\*- Minimum of 35 Marks out of 75 Marks in Practical Examination.

**MAY - 2017**

1	Monday		
2	Tuesday		
3	Wednesday		
4	Thursday		
5	Friday		
6	Saturday		
7	<b>Sunday</b>		
8	Monday		
9	Tuesday		
10	Wednesday		
11	Thursday		
12	Friday		
13	Saturday		
14	<b>Sunday</b>		
15	Monday		
16	Tuesday		
17	Wednesday		
18	Thursday		
19	Friday		
20	Saturday		
21	<b>Sunday</b>		
22	Monday		
23	Tuesday		
24	Wednesday		
25	Thursday		
26	Friday		
27	Saturday		
28	<b>Sunday</b>		
29	Monday	Commencement of classes for II / III Year (III / V Sem)	1
30	Tuesday		2
31	Wednesday		3
No. of Working Days : May - 3 - Total - 3			

JUNE - 2017			
1	Thursday		4
2	Friday		5
3	Saturday		6
4	<b>Sunday</b>	Holiday	-
5	Monday	Holiday	-
6	Tuesday		7
7	Wednesday		8
8	Thursday		9
9	Friday		10
10	Saturday		11
11	<b>Sunday</b>	Holiday	-
12	Monday	Working Day - Wednesday Order	12
13	Tuesday		13
14	Wednesday		14
15	Thursday		15
16	Friday		16
17	Saturday		17
18	<b>Sunday</b>	Holiday	-
19	Monday	Holiday	-
20	Tuesday		18
21	Wednesday		19
22	Thursday		20
23	Friday		21
24	Saturday	Question Paper Due	22
25	<b>Sunday</b>	Holiday	-
26	Monday	Ramzan	-
27	Tuesday		23
28	Wednesday	I Monthly Test	24
29	Thursday		25
30	Friday		26
No. of Working Days : June - 23 - Total - 26			

JULY - 2017			
1	Saturday		27
2	<b>Sunday</b>	Holiday	-
3	Monday	Working day - Thursday Order	28
4	Tuesday		29
5	Wednesday		30
6	Thursday		31
7	Friday		32
8	Saturday	Founder's Day	33
9	<b>Sunday</b>	Holiday	-
10	Monday	Holiday	-
11	Tuesday		34
12	Wednesday		35
13	Thursday		36
14	Friday	Question Paper Due	37
15	Saturday		38
16	<b>Sunday</b>	Holiday	-
17	Monday	Working Day - Friday Order	39
18	Tuesday		40
19	Wednesday	II Monthly Test	41
20	Thursday		42
21	Friday		43
22	Saturday		44
23	<b>Sunday</b>	Holiday	-
24	Monday	Holiday	-
25	Tuesday		45
26	Wednesday		46
27	Thursday		47
28	Friday		48
29	Saturday		49
30	<b>Sunday</b>	Holiday	-
31	Monday	Working Day - Saturday Order	50
No. of Working Days : July - 24 - Total - 50			

AUGUST - 2017			
1	Tuesday		51
2	Wednesday		52
3	Thursday		53
4	Friday		54
5	Saturday		55
6	<b>Sunday</b>	Holiday	-
7	Monday	Holiday	-
8	Tuesday		56
9	Wednesday		57
10	Thursday		58
11	Friday	Question Paper Due	59
12	Saturday		60
13	<b>Sunday</b>	Holiday	-
14	Monday	Krishna Jayanthi	-
15	Tuesday	Independence Day	-
16	Wednesday		61
17	Thursday	III Monthly Test	62
18	Friday		63
19	Saturday		64
20	<b>Sunday</b>	Holiday	-
21	Monday	Working Day - Tuesday Order	65
22	Tuesday		66
23	Wednesday		67
24	Thursday		68
25	Friday	Vinayagar Chathurthi	-
26	Saturday		69
27	<b>Sunday</b>	Holiday	-
28	Monday	Holiday	-
29	Tuesday		70
30	Wednesday		71
31	Thursday		72
No. of Working Days : August - 22 - Total - 72			

SEPTEMBER - 2017			
1	Friday		73
2	Saturday	Bakrid	-
3	<b>Sunday</b>	Holiday	-
4	Monday	Working Day - Wednesday Order	74
5	Tuesday		75
6	Wednesday		76
7	Thursday	I Model Examination	77
8	Friday		78
9	Saturday		79
10	<b>Sunday</b>	Holiday	-
11	Monday	Holiday	-
12	Tuesday		80
13	Wednesday		81
14	Thursday		82
15	Friday		83
16	Saturday		84
17	<b>Sunday</b>	Holiday	-
18	Monday	Working Day - Thursday Order	85
19	Tuesday		86
20	Wednesday	II Model Examination	87
21	Thursday		88
22	Friday		89
23	Saturday		
24	<b>Sunday</b>	Holiday	
25	Monday	Holiday	
26	Tuesday		
27	Wednesday		
28	Thursday		
29	Friday	Ayuda Pooja	
30	Saturday	Vijayadasami	
No. of Working Days : September - 17 - Total - 89			

OCTOBER - 2017			
1	<b>Sunday</b>	Muharam	
2	Monday	Gandhi Jayanthi	
3	Tuesday		
4	Wednesday		
5	Thursday	Commencement of Board Practical Examinations	
6	Friday		
7	Saturday		
8	<b>Sunday</b>	Holiday	
9	Monday		
10	Tuesday		
11	Wednesday		
12	Thursday		
13	Friday		
14	Saturday		
15	<b>Sunday</b>	Holiday	
16	Monday		
17	Tuesday		
18	Wednesday	Deepavali	
19	Thursday		
20	Friday		
21	Saturday		
22	<b>Sunday</b>	Holiday	
23	Monday		
24	Tuesday	Commencement of Board Theory Examinations	
25	Wednesday		
26	Thursday		
27	Friday		
28	Saturday		
29	<b>Sunday</b>	Holiday	
30	Monday		
31	Tuesday		
No. of Working Days : October -       - Total -			

NOVEMBER - 2017			
1	Wednesday		
2	Thursday		
3	Friday		
4	Saturday		
5	<b>Sunday</b>	Holiday	
6	Monday		
7	Tuesday		
8	Wednesday		
9	Thursday		
10	Friday		-
11	Saturday		
12	<b>Sunday</b>	Holiday	
13	Monday		
14	Tuesday		
15	Wednesday		
16	Thursday		
17	Friday		
18	Saturday		
19	<b>Sunday</b>	Holiday	
20	Monday		
21	Tuesday		
22	Wednesday		
23	Thursday		
24	Friday		
25	Saturday		
26	<b>Sunday</b>	Holiday	
27	Monday	Commencement of classes for I / II / III Year (II / IV / VI Sem)	1
28	Tuesday		2
29	Wednesday		3
30	Thursday		4
No. of Working Days : November - 04       - Total - 04			

DECEMBER - 2017			
1	Friday		5
2	Saturday	Milad Un Nabi	-
3	<b>Sunday</b>	Holiday	-
4	Monday	Holiday	-
5	Tuesday		6
6	Wednesday		7
7	Thursday		8
8	Friday		9
9	Saturday		10
10	<b>Sunday</b>	Holiday	-
11	Monday	Working day - Wednesday Order	11
12	Tuesday		12
13	Wednesday		13
14	Thursday		14
15	Friday		15
16	Saturday		16
17	<b>Sunday</b>	Holiday	-
18	Monday	Holiday	-
19	Tuesday		17
20	Wednesday		18
21	Thursday		19
22	Friday	Question paper Due	20
23	Saturday		21
24	<b>Sunday</b>	Holiday	-
25	Monday	Christmas	-
26	Tuesday		22
27	Wednesday	I Monthly Test	23
28	Thursday		24
29	Friday		25
30	Saturday		26
31	<b>Sunday</b>	Holiday	-
No. of Working Days : December - 22 - Total - 26			

JANUARY - 2018			
1	Monday	New Year Day	-
2	Tuesday		27
3	Wednesday		28
4	Thursday		29
5	Friday		30
6	Saturday		31
7	<b>Sunday</b>	Holiday	-
8	Monday	Working day - Thursday Order	32
9	Tuesday		33
10	Wednesday		34
11	Thursday		35
12	Friday		36
13	Saturday	Bhogi	-
14	<b>Sunday</b>	Pongal	-
15	Monday	Thiruvalluvar day	-
16	Tuesday	Uzhavar Thirunaal	-
17	Wednesday		37
18	Thursday	Question Paper Due	38
19	Friday		39
20	Saturday		40
21	<b>Sunday</b>	Holiday	-
22	Monday	Working day - Friday Order	41
23	Tuesday	II Monthly Test	42
24	Wednesday		43
25	Thursday		44
26	Friday	Republic day	-
27	Saturday		45
28	<b>Sunday</b>	Holiday	-
29	Monday	Holiday	-
30	Tuesday		46
31	Wednesday		47
No. of Working Days : January - 21 - Total - 47			



FEBRUARY - 2018			
1	Thursday		48
2	Friday		49
3	Saturday		50
4	<b>Sunday</b>	Holiday	-
5	Monday	Working day - Saturday order	51
6	Tuesday		52
7	Wednesday		53
8	Thursday		54
9	Friday		55
10	Saturday	Question paper Due	56
11	<b>Sunday</b>	Holiday	-
12	Monday	Holiday	-
13	Tuesday		57
14	Wednesday		58
15	Thursday	III Monthly Test	59
16	Friday		60
17	Saturday		61
18	<b>Sunday</b>	Holiday	-
19	Monday	Working day - Tuesday order	62
20	Tuesday		63
21	Wednesday		64
22	Thursday		65
23	Friday		66
24	Saturday		67
25	<b>Sunday</b>	Holiday	-
26	Monday	Holiday	-
27	Tuesday		68
28	Wednesday		69
No. of Working Days : February - 22 - Total - 69			

MARCH - 2018			
1	Thursday		70
2	Friday		71
3	Saturday		72
4	<b>Sunday</b>	Holiday	-
5	Monday	Working day - Wednesday order	73
6	Tuesday		74
7	Wednesday	I Model Examination	75
8	Thursday		76
9	Friday		77
10	Saturday		78
11	<b>Sunday</b>	Holiday	-
12	Monday	Holiday	-
13	Tuesday		79
14	Wednesday		80
15	Thursday		81
16	Friday		82
17	Saturday		
18	<b>Sunday</b>	Telugu New Year (Ugadi)	
19	Monday		
20	Tuesday	II Model Examination	
21	Wednesday		
22	Thursday		
23	Friday		
24	Saturday		
25	<b>Sunday</b>	Holiday	
26	Monday		
27	Tuesday	Commencement of Board Practical Examinations	
28	Wednesday		
29	Thursday		
30	Friday	Good Friday	
31	Saturday		
No. of Working Days : Mar - 13 - Total - 82			

### APRIL - 2018

1	<b>Sunday</b>	Holiday	
2	Monday		
3	Tuesday	Commencement of Board Theory Examinations	
4	Wednesday		
5	Thursday		
6	Friday		
7	Saturday		
8	<b>Sunday</b>	Holiday	
9	Monday		
10	Tuesday		
11	Wednesday		
12	Thursday		
13	Friday		
14	Saturday	Tamil New Year	
15	<b>Sunday</b>	Holiday	
16	Monday		
17	Tuesday		
18	Wednesday		
19	Thursday		
20	Friday		
21	Saturday		
22	<b>Sunday</b>	Holiday	
23	Monday		
24	Tuesday		
25	Wednesday		
26	Thursday		
27	Friday		
28	Saturday		
29	<b>Sunday</b>	Holiday	
30	Monday		

No. of Working Days : April -      - Total -

### HOME WORK RECORD

Date	Work Given	Lecturer's Sign.	Parent's Sign.

**HOME WORK RECORD**

Date	Work Given	Lecturer's Sign.	Parent's Sign.

**HOME WORK RECORD**

Date	Work Given	Lecturer's Sign.	Parent's Sign.

**LEAVE RECORD**

Sl. No.	Date		No. of Days	Reason	Parent's Sign.	Class Teacher Sign.
	From	To				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

**LEAVE RECORD**

Sl. No.	Date		No. of Days	Reason	Parent's Sign.	Class Teacher Sign.
	From	To				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

**ABSENCE RECORD**

Date	Reason	Parent's Sign.	Class Teacher Sign.	Remarks

**ABSENCE RECORD**

Date	Reason	Parent's Sign.	Class Teacher Sign.	Remarks

**LECTURER'S PRINCIPAL'S NOTE TO PARENTS**

Date	Details	Lecturer's/ Principal's Sign.	Parent's Sign.	Remarks

**LECTURER'S PRINCIPAL'S NOTE TO PARENTS**

Date	Details	Lecturer's/ Principal's Sign.	Parent's Sign.	Remarks

**LATE COMING RECORD**

Date	Reason	Class Teacher Sign.	Parent's Sign.	Remarks

**NOTES**

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