

IIITDM Kancheepuram - Recruitment of Non-Teaching Posts

(Advt.No.IITDMK/R/3/2019 Dated: 19th June, 2019)

List of Shortlisted Candidates for screening test and Schedule of exams for the post of Junior Technician (ECE)

Qualification and experience	Diploma in Electronics / Electrical Engg. or ITI (Electrical/Electronics) with 2 years experience
Desirable	Post qualification experience in handling Electronics Equipment / Maintenance of scientific instrument etc.

Application Numbers of Shortlisted Candidates

1903JTE0002	1903JTE0030	1903JTE0067	1903JTE0105	1903JTE0130
1903JTE0003	1903JTE0032	1903JTE0068	1903JTE0106	1903JTE0133
1903JTE0004	1903JTE0033	1903JTE0069	1903JTE0107	1903JTE0134
1903JTE0006	1903JTE0036	1903JTE0070	1903JTE0109	1903JTE0136
1903JTE0007	1903JTE0038	1903JTE0071	1903JTE0110	1903JTE0137
1903JTE0010	1903JTE0040	1903JTE0076	1903JTE0111	1903JTE0138
1903JTE0012	1903JTE0044	1903JTE0078	1903JTE0112	1903JTE0140
1903JTE0014	1903JTE0046	1903JTE0080	1903JTE0114	1903JTE0141
1903JTE0015	1903JTE0049	1903JTE0081	1903JTE0115	1903JTE0143
1903JTE0016	1903JTE0051	1903JTE0083	1903JTE0118	1903JTE0144
1903JTE0018	1903JTE0053	1903JTE0085	1903JTE0119	1903JTE0148
1903JTE0019	1903JTE0054	1903JTE0091	1903JTE0122	1903JTE0150
1903JTE0021	1903JTE0056	1903JTE0094	1903JTE0123	1903JTE0151
1903JTE0022	1903JTE0057	1903JTE0096	1903JTE0124	1903JTE0152
1903JTE0024	1903JTE0059	1903JTE0099	1903JTE0126	1903JTE0155
1903JTE0027	1903JTE0064	1903JTE0104	1903JTE0127	1903JTE0157
	1903JTE0065		1903JTE0129	

Schedule:

Level 1 exam :	13.12.19 (Friday) - 10:00 AM (Reporting Time: 08: 30 AM)	
Level 2 exam :	14.12.19 (Saturday) - 10:00 AM	<i>Only for candidates qualified in Level 1 exam</i>
Level 3 exam :	14.12.19 (Saturday) - 02:00 PM	

Note:

- All the shortlisted candidates are required to bring original mark sheets (SSLC onwards), degree certificates, experience certificates and valid community certificate (SC/ST/OBC/EWS) at the time of reporting. Employees serving in Govt. Organizations /autonomous bodies are to submit No Objection Certificate from the present employer. Only the Candidates satisfying the requirement will be permitted to attend the written Test.

Scheme of Examination

I. Levels of Exams:

Level 1:

All the shortlisted candidates shall write screening test carrying maximum of 100 Marks (Objective type).
Maximum duration of exam: 2 hours

Level 2:

It is the subject knowledge test designed to test the candidate's knowledge in the concerned subject of specialization. The questions will be objective/descriptive type carrying maximum of 100 marks.

Maximum duration of exam: 1 hour 30 minutes

Level 3:

It is the trade test to assess the practical knowledge of the candidate in the concerned subject carrying maximum of 100 marks.

Maximum duration of exam: 1 hour 30 minutes

** The standard of questions for the tests will generally be in conformity with education standard prescribed for the post.*

II. Weightage of exams:

Level 1:

Candidates securing the minimum qualifying marks shall be shortlisted for further evaluation process scheduled on the next day. In case of SC/ST candidates, the minimum qualifying marks is relaxable at the discretion of the competent authority. The marks secured in the screening test shall not be taken into account for preparation of final selection list.

Level 2 & Level 3:

Level 2 and Level 3 are of qualifying nature and merit list will be prepared based on the following allocation of weightage.

Level 2 : 60% and Level 3: 40%

*** In case of tie, suitable criteria decided by duly constituted committee will be followed.*

Note:

Success in the examination confers no right of appointment unless the candidate fulfills all requirements of the institute.

Syllabus of Examination

Level 1:

Verbal Reasoning & Aptitude, General English, General Knowledge, Current affairs

Level 2:

Safety: Concepts of Safe working practices, environment regulation and housekeeping.

Software and system: System maintenance and troubleshooting -Windows OS installation procedures- Trouble shooting issues related to OS, installing software, packages etc.

Electrical Engineering- Basic concepts, Circuit Law, Magnetic Circuit, AC fundamentals, Measurement and measuring instruments, Electrical Machines, Fractional Kilowatt Motors and Single-Phase Induction Motors, Synchronous Machines, Generation, Transmission and Distribution, Utilization of Electrical Energy, Estimation and Costing, Electrical control circuits, Sensors, transducers, Basic ICs, SMPS, UPS.

Electronics and Communication- Networks, Electronic Devices, Analog Circuits, Digital circuits, RL, RC, RLC Circuits, Circuits using Diodes, Transistors and Op amps, Timer 555, Logic Gates, Flip Flops & Counters, Shift registers, MUX, Decoders, Signals and Systems, Control Systems, Communications, Electromagnetic, DSO, PCB rework.

Level 3 :

- Candidate should be able to repair and maintain computer hardware and networking; maintain SMPS, UPS, Inverter, solar power system and various analogue and digital circuits.
- They should also have common knowledge about repairing electronics communication; equipment and fibre optics; installation of various transducer and sensor.
- They should also possess good presence of mind as they have to work with power/electricity most of the time.
- Soldering, de-soldering and switches.