responsible for the smooth conduct of the examination. For effective and efficient discharge of ES responsibilities, the Exam centre/ TP will provide support staff & technical manpower for Online Theory Examination server setup, practical Lab setup etc. ES
shall mandatorily carry his/her photo identity.

Subject Expert (SE) for Practical Assessment: RC may appoint an SE if they feel it is required.
The Practical Assessment needs subject expertise, a Subject Expert (SE) of the relevant field may be deputed for conduct of Practical Assessment. Subject Expert is responsible for conducting the Practical Assessment under the supervision of ES. SE shall mandatorily carry his/her photo identity.
Note:

· Under no circumstances, students should be enrolled / engaged in examination work.

· The Controller of Examination is responsible for generation of their logins, passwords etc.

ASSESMENT EVDENCE

Examination	No's of Questions	Time (Minutes)	Max Marks	Min Pass Marks	Mode of Examination
Online Theory Examination	40	60	40	16 (40%)	ON-LINE
Practical & Viva Voice	--	180	40	16 (40%)	OFF-LINE
Internal Assessment			20	--	Awarded by TP
Grand Total			100	50 (50%)	

There is no negative marking in Online Theory Examination.

· Online Theory Examination will have Multiple Choice Questions (MCQs).

· Both Online Theory Examination and Practical Assessment for one particular batch should be preferably conducted on **one single day**. Preferably Practical Assessment in 1st Half followed by the Online Theory Examination in the 2nd half. In case of unforeseen circumstances, examination may be scheduled / re-scheduled to the next available date.

· Candidate must report at the examination venue one (1) hour prior to the commencement of the examination. No candidate would be allowed to appear in examination after 15 minutes of the commencement of examination.

Title of Unit/Component:

Outcomes to be assessed	Assessment Criteria for the outcome	Means of Assessment			
		Total Marks	Written	Practical	Internal
Will be able to communicate with clients, colleagues and can prepare job report.	Organizing a presentation Telling the right story Speaking with clarity	02	02	00	NA

	Interviews Observing them in actual interactions in every day environment.	02	02	00	NA	
	Technical writing, job report preparation Work in a team: Group project Problem solving	02	02	00	NA	
	Language Proficiency Tests	02	02	00	NA	
	Preparation and Presentation of a Project	07	02	05	NA	
	Total Marks	**20**	**10**	**05**	**5**	
Will be able to identify & rectify faults in the Product.	1. Identification of basic Electric & Electronic components : Resistors, Capacitors, Diode, Transistors, ICs, Connection of components using Battery as per desired circuit. 2. Use and Working with testing & measuring instruments – CROs, Multimeter, Power supplies, LCRs, Signal Generator and Power Analyzer and Analysis of waveforms on theses. Use of Oscilloscope to indentify components. Use of Oscilloscope for diagnosing faults	04	05	04	NA	
	Soldering & desoldering of component.	05	05	04	NA	
	Testing of Product: Acceptance testing, Safety testing. Identification of legend, symbols, color codes etc.	03	05	04	NA	

	Calibration of Instruments.					
	Identification, Testing & measurement of various parameters(like Res value, Cap value) of Components. Disposal of electronic Waste. Performance/safety testing of SMPS by following standard IS14886. Testing of Various Household Appliances like Electric Iron, Kettle, Audio amplifier. Interpret details of product such as make, date, availability from the module serial numbers.	08	05	13	NA	
	Total Marks	**55**	**20**	**25**	**10**	
Will be able to receive & acknowledge mails & can prepare report on word & can prepare product presentation on Computer.	Send & receive e-mails	06	03	03	NA	
	Preparation of (i)Documents (ii)Presentation.	08	04	04	NA	
	Preparation of worksheet Product presentation	06	03	03	NA	
	Total Marks	**25**	**10**	**10**	**5**	
	Grand Total	100	40	40	20	

Means of Assessment:
Online assessments (LAN and Web based), carried out using a variety of question formats applicable for the course.

Pass/Fail
Following Grading Scheme (on the basis of total marks & individual marks) will be followed: