

BEARYS INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka
Affiliated to Visvesvaraya Technological University, Belagavi, Karnataka
(Accredited by NAAC)

Lands End, Innoli, Near Mangalore University, Mangaluru, Karnataka - 574199

Maintenance Register

Department of ECE

Analog Electronics/Communication Laboratory

Sl No.	Name of the components	Qty.	Nature of Complaint	Date of Complaint	Date of Action Taken	Action Taken	Lab in charge Sign
1	CRO	03	Not getting proper input	05/07/24	08/07/24	Setting proper input signal in CRO using probe	<u>P. R. S.</u>
2	Multimeter	02	Fluctuating readings, even with no probes connected.	01/08/24	10/08/24	Replacing the battery in multimeter	<u>P. R. S.</u>
3	Probe	05	Damaged probe tip causing inaccurate readings.	06/09/24	10/09/24	Checking of probe for its connectivity	<u>P. R. S.</u>
4	Signal generator	05	Frequency, amplitude, waveform, or offset may be set incorrectly.	12/10/24	12/10/24	Checked and reset frequency, amplitude, offset, waveform	<u>P. R. S.</u>
5	Fixed DC supply	02	The fuse has melted due to overcurrent	21/11/24	22/11/24	Fixed the problem by changing the fuse	<u>P. R. S.</u>
6	Regulated DC power supply	01	Incorrect display on regulated DC power supply	10/01/25	13/01/25	Display voltage is set by using multimeter	<u>P. R. S.</u>
7	DSO	04	Input signal is too low or too high to be captured with	05/05/25	07/05/25	Setting proper input signal in DSO using	<u>P. R. S.</u>

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			current settings.			probe	
8	PAM/PWM /PPM Modulation Demodulation kit	01	Demodulation knob not set correctly, causing incorrect demodulation.	10/06/25	11/06/25	Adjusting the demodulation knob to get proper message signal	<i>Reh</i>
9	DSO	04	DSO was not displaying the signal correctly	15/07/25	16/07/25	Properly set up display settings with manufacturer guidance	<i>Reh</i>

Figure 6.1(a) Maintenance Register of Analog Electronics/Communication Laboratory

HOD

EC Dept.

Maintenance Register

ANALOG ELECTRONICS/COMMUNICATION LABORATORY


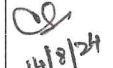
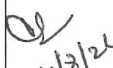

Sl.no.	Name of the component	Specific ation	Qty	Company name	Components problem	Date of Repair	Lab equipments servicing Amount	Lab in-charge sign	HOD sign
1	CRO	0-30MHz	3	Teklab solutions	EHT/Y final Amplitude fault	14.08.24	3600	 14/8/24	
2	CRO	0-30MHz	7	Teklab solutions	EHT fault/Trigge ring fault	14.08.24	10500	 14/8/24	
3	Function Generator	3 MHz	6	Teklab solutions	No O/P(Amplitude) fault	14.08.24	4500	 14/8/24	
4	Power supply	±12V	1	Teklab solutions	+12 v absent	Free of cost	—	 14/8/24	

Figure 6.1(b) Service Register of Analog Electronics/Communication Laboratory

HOD (EC DEPT.)

UG-Electronics and Communication Engineering