



फोन नं. (02164) 272414, 8275706613
Web : <http://geekarad.ac.in>
Email: principal@geekarad.ac.in,
principal.geekarad@temaharashtra.gov.in



महाराष्ट्र भासन
भासकीय अभियांत्रिकी महाविद्यालय कराड
(महाराष्ट्र भासनाची स्वायत्त संस्था)
विद्यानगर कराड पिन-415124 जि. सातारा

No. CEK/ ENTC/AEC /2020-2021/ १५१ .

DATE – /02/2021

23/02/2021

To,

Subject – Quotation for Analog Electronics and Circuit Lab

Dear Sir,

With reference to above, I have to request you to kindly quote your rates for below mentioned material for **Electronics and Telecommunication_Engineering_Department** of this Institute so as to reach this office on or before 11/03/2021 till 5.00 pm ,The details are as given below –

Sr. No.	Description	Qty.
1.	Analog Electronics and Circuit Lab PN Junction Diode Characteristics kit	3.
2.	Two stage amplifier using BJT kit.	3.
3.	BJT Biasing technique kit.	3.
4.	FET Biasing technique kit.	3.
5.	Zener Diode Characteristics kit.	3.

Your quotation should be valid for at least 30 days from the date of opening. The quotation should be sent to “**The Principal, Government College of Engineering, Karad**” in sealed envelope superscripted with word “**Quotation of Analog Electronics and Circuit Lab for Electronics and Telecommunication Engineering Department**” due on 11/03/2021. The Institute does not bind itself to accept or reject the quotation. Please note that if there is any over-writing in the quotation, the said term will not be taken into consideration



फोन नं. (02164) 272414, 8275706613
Web : <http://gcekarad.ac.in>
Email: principal@gcekarad.ac.in,
principal.gcekarad@dtmaharashtra.gov.in



महाराष्ट्र भासन
भासकीय अभियांत्रिकी महाविद्यालय कराड
(महाराष्ट्र भासनाची स्वायत्त संस्था)
विद्यानगर कराड पिन-415124 जि. सातारा

Terms and Conditions:

1. Quote should be valid for at least 30 days from the date of opening. Right to reject any or all quotation lies with undersigned.
2. Delivery period 4 weeks from date of supply order.
3. Rates quoted should be including free delivery, at the institute inclusive of all the lead and lift
4. Rates quoted should be inclusive of all applicable taxes, installation and demonstration of equipment's.
5. Prior demonstration of Kit, equipment is required wherever necessary.
6. Payment after satisfactory demonstration and necessary working manuals.
7. Warranty 12 months or more.
8. Total amount will be considered for final call for quotation. No made or any part payment will be done under any circumstances advance shall be.

The quotation will be opened on **12/03/2021 at 03.00 p.m.**

Specifications are as enclosed.

Thanking you.

Principal,

Govt. College of Engineering, Karad.

Bhandare
S. S.
Mr. Bhandare S. S.

A. N. Shah
A. N. Shah.

Detailed specifications for Analog Electronics and Circuit lab:

1. PN Junction Diode characteristics

- Variable DC supply 0 to 15 V
- On panel diodes IN 4007
- Ammeter range from (0-500 mA)

2. Two stage amplifier using BJT

- To measure the gain as a function of frequency and hence find the gain band width.
- Transistors- BC547/BC557/ 2N3904
- Variable power supply- (0-15 V)
- Voltmeter-Range (0V-15 V)
- Ammeter-Range (0 mA- 500m A)
- Variable load resistance
- Capacitors and Resistors

3. BJT Biasing technique

- To study of different Biasing Circuit for Transistor such as Fixed Bias Method, Collector to Base Bias, Emitter Resistor Bias and Voltage Divider Bias methods.
- Trainer kit may have of DC Regulated Power Supply, One NPN transistor, 2 round meters to measure the voltage and current, Different type of Resistances connected inside.
- Transistors- BC547/BC557/ 2N3904
- Variable power supply- (0-15 V)
- Voltmeter-Range (0V-15 V)
- Ammeter-Range (0 mA- 500m A)
- Variable load resistance
- Capacitors and Resistors as per design

4. FET Biasing technique

- To study of different Biasing Circuit for FET such as Fixed Bias Method, self bias and Voltage Divider Bias methods.
- Trainer kit may have of DC Regulated Power Supply, One FET transistor, 2 round meters to measure the voltage and current, Different type of Resistances connected inside.
- FET- 2N5457/ 2N3797
- Variable power supply- (0-15 V)
- Voltmeter-Range (0V-15 V)
- Ammeter-Range (0 mA- 500m A)
- Variable load resistance
- Capacitors and Resistors

5. Zener diode characteristics

- Variable DC supply 0 to 15 V
- On Zener diodes with $V_Z = 5.1\text{ V} / 8.2\text{ V} / 12\text{ V}$ or 1N4735A/ 1N4742A
- Ammeter range from (0-500 mA)
- Voltmeter-Range (0V-15 V)

~~Atisla~~
Mr. Bhandare S. S.