



CANARA ENGINEERING COLLEGE

An Autonomous Institution, Approved by AICTE, Accredited by NAAC with A Grade

SUDHINDRA NAGARA, BENJANAPADAVU, BANTWAL, MANGALURU - 574219



Department Electronics and Communication Engineering

Date: 7/10/26

To,
The Principal
Canara Engineering College
Benjanapadavu

Through:
Dean Academics
Canara Engineering College
Benjanapadavu

Through:
Dean Administration
Canara Engineering College
Benjanapadavu

Respected Sir,

Subject: Forwarding of procurement of FES Laboratory equipment – Reg.

With reference to the above subject, I hereby submit the **approved requirement of FES laboratory equipment** for the III Semester B.E. (ECE) students.

The requirement was initially proposed by the Physical In-Charge (Software Lab-2) and subsequently placed before the **Departmental Purchase Committee**. The committee thoroughly reviewed the list of equipment with respect to syllabus relevance, quantity justification, and academic necessity, and has unanimously approved the procurement of the listed items.

The **Minutes of the Purchase Committee Meeting**, along with:

1. Requirement letter
2. Approved list of equipment

are enclosed herewith for your kind perusal and necessary action.

In view of the upcoming semester and to ensure **smooth and uninterrupted conduct of laboratory sessions**, I kindly request you to accord permission to initiate the procurement process as per institutional norms.

Thanking you,

Yours sincerely,

Rs 40920/-

[Signature]
07/10/26

Dr. Raghavendra M Shetty K
Head of the Department
Department of Electronics and Communication Engineering
Canara Engineering College, Benjanapadavu

Enclosures:

1. Requirement letter from Physical In-Charge
2. Minutes of Purchase Committee Meeting

Approved
[Signature]
8.10.26

OKED Component is not suitable. quoted from
manohar radio. and will be purchased online.

Total amount of the quotation will be

40,920/-



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Department Electronics and Communication Engineering

Date: 24.09.2026

From

The Curriculum In-charge,
Foundation of Embedded Systems Lab

Through

The Physical In-charge,
Software Lab-2

To

The Head of the Department,
Department of ECE,
Canara Engineering College,
Benjanapadavu.

Dear Sir,

Sub: Requirement for Components for the Foundation of Embedded Systems Lab

As per the autonomous syllabus for the **Foundation of Embedded Systems Lab (3rd Semester)**, we require the components listed below at the earliest to ensure the smooth conduction of the laboratory sessions.

Sl. No.	Component	Specification	Required Quantity
1	ESP32 S DevKit	ESP32-WROOM-32D, 38-pin	30
2	28BYJ-48 Stepper Motor	5-wire	20
3	ULN2003 Driver Module	Stepper driver	20
4	BMP280 Module	I ² C temperature/pressure	20
5	OLED Display	SSD1306, SPI	20
6	MicroSD Module	SPI	20
7	MicroSD Card	Compatible	20
8	Standard LED	5 mm	20
9	Push Button	Tactile momentary	20
10	Trimmer POT	10 K	20

We kindly request you to approve and arrange for the procurement of following items.

Thanking you.

Yours faithfully,

Curriculum In-charge
Foundation of Embedded Systems Lab

7/10/26
Physical In-charge
Software Lab-2

in Delivering to Mangaluru 575001
Update location

All

OLED SPI ROUND

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TFT Display 1.28 Inch Round TFT
LCD Display | 240x240 IPS
GC9A01 SPI Interface | High-
Resolution Color Screen for UNO

bedded Projects

inlabz Store

(7)

in LCD Graphic Displays

50+ bought in past month

Ends in 02:06:32

-28% ₹502²⁰

M.R.P.: ₹699

|| taxes



Offers

Cashback

Upto ₹15.00
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1 offer >

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discount on select
Credit Cards
8 offers >

Partne

Get GS
save up
busines
1 offer10 days
Returnable

Free Delivery



Top Brand

Amazon
Delivered

Brand	oceanlabz
Screen Size	1.28 Inches
Resolution	240x240
Display	240x240 pixels
Resolution	Maximum
Connectivity	IPS, SPI
Technology	

About this item

- 1.28" Round IPS TFT Display with vibrant colors and wide viewing angles.
- 240x240 Resolution for sharp text, graphics, and animations.
- GC9A01 Driver IC with SPI interface for fast communication.
- Compatible with Arduino, ESP32, ESP8266, STM32, and Raspberry Pi.
- Ideal for smart watches, IoT devices, dashboards, clocks, and DIY projects.

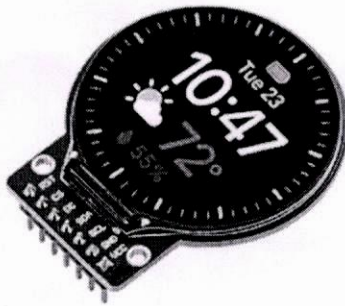
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₹502²⁰FREE delivery Wednesday, 14
October. DetailsDelivering to Mangaluru 575001 -
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Quantity: 1

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Add a Protection Plan:

- ☐ Onsitego 1 Year Extended
Warranty for ₹149.00
- ☐ 1 Year Extended Warranty
Plan by OneAssist for
₹85.00

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Other sellers on Amazon

New (2) from ₹502²⁰ FREE
Delivery.online purchased
Hester
2.OLED (2 qty)
Dish
7/10/26may be purchased
only
8.10.26

Quotation
Original

PO-CEC.

MANOHAR RADIO HOUSE
MAIDAN 1ST CROSS ROAD, HAMPANKATTA, MANGALURU
PIN: 575001
Phone: 9448058377
GSTIN/UIN: 29AAEFM3327J1Z5

Quotation No.
QN/26/00178
Dated
01-10-2026
Place of Supply
29 - Karnataka
Mode/Terms of Payment
PO Number & Date
dept of ece
Due Date

Buyer (Bill to)
CANARA ENGINEERING COLLEGE
ASRP ROAD, KODIALBAIL MANGALORE, Dakshina Kannada
PIN: 575003
GSTIN/UIN: 29AAAAAC0920C1ZF

SL	Description of Goods/Services	HSN/SAC	Qty	Unit	Rate	Disc.%	Disc.	Amount
1	ESP32 WIFI MODULE 38 pin with usb data cable	85381010	30.00	NOS	570.00			14491.52
2	STEPPER MOTOR 28byj48	85013119	20.00	NOS	120.00			2033.90
3	MODULE/SENSOR N uln2003 stepper motor driver	85381010	20.00	NOS	50.00			847.46
4	MODULE/SENSOR N bmp280	85381010	20.00	NOS	50.00			847.46
5	O LED DISPLAY 0.96 inch	8531	20.00	NOS	200.00			3389.82 X
6	SD CARD MODULE	85381010	20.00	NOS	50.00			847.46
7	SD CARD 8gb	8523	20.00	NOS	400.00			6779.66
8	5MM LED	85414020	20.00	NOS	1.00			16.94
9	push switch n	85365090	20.00	NOS	3.00			50.84
10	TRIMPOT 10k	85334010	20.00	NOS	15.00			254.24
								29559.30
								2660.35
								2660.35
								30,880
								10,040
								40,920
								34880.00

OLED amount discarded
and online purchase of 10,040
Included
28/07
07/10/26

Amount Chargeable (in words): Thirty Four Thousand Eight Hundred Eighty Rupees Only
Tax Amount (in words): Five Thousand Three Hundred Twenty Rupees And Seventy Paise Only
E.&O.E

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
85381010	17033.9	9%	1533.05	9%	1533.05	3066.1
85013119	2033.90	9%	183.05	9%	183.05	366.10
8531	3389.82	9%	305.09	9%	305.09	610.18
8523	6779.66	9%	610.17	9%	610.17	1220.34
85414020	16.94	9%	1.53	9%	1.53	3.06
85365090	50.84	9%	4.58	9%	4.58	9.16
85334010	254.24	9%	22.88	9%	22.88	45.76
Total	29559.30		2660.35		2660.35	5320.70



Account Name: Manohar Radio House
Account No. 007005300000187
Dhanlaxmi Bank, MG Road, Mangalore IFSC: DLXB0000070

for MANOHAR RADIO HOUSE

Authorised Signatory

1-10-2026 11:00:50 AM

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07/10/26



CANARA ENGINEERING COLLEGE

Sudhindra Nagara, Benjanapadavu, Bantwal TQ. D.K - 574219



Department of Electronics and Communication Engineering

Date: 7/10/26

Venue: Department of ECE Seminar Room

Minutes of Meeting

**Purchase Committee – Department of ECE
Canara Engineering College, Benjanapadavu**

Agenda: Approval of procurement of IoT Lab equipment as per the 25-scheme syllabus for 1BECAL371 FES for 3RD semester students.

Proceedings

1. The meeting commenced with the Physical In-Charge (Software Lab-2) presenting the requirement letter addressed to the HOD, highlighting the urgent need for IoT lab equipment to ensure smooth conduction of practical sessions.
2. The committee reviewed the list of equipment requested:
3. The committee discussed the relevance of the equipment with respect to the VTU syllabus and confirmed that the listed items are essential for conducting experiments in the IoT laboratory.
4. Budgetary considerations were reviewed, and the committee agreed that procurement should be initiated at the earliest to avoid disruption in the academic schedule.

Resolution

It was unanimously resolved that the above-mentioned equipment list be **approved for procurement** under the Department of ECE, Canara Engineering College, Benjanapadavu. The due process of purchase shall be initiated, with the necessary approvals from the concerned authorities.

Signatures:

Purchase Committee Chairperson

Physical In-Charge, Software Lab-2

Faculty Representative(ECE)

Faculty Representative(ECE)