



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

Place: Benjanapadavu

Date: 03/11/2025

From,
Mr. Sreerama Samartha & Ms. Lavanya B
PU Connect Line follower Coordinator
Dept. Of ECE
Canara Engineering College

Prasad Pai
#

Through,
The HoD
Dept. of ECE
Canara Engineering College

20/11/25
03/11/25

To
PAI
DO-CEC
#

Through,
Mr. Prasad Pai
Asst. Professor
Student Welfare
Canara Engineering College

To
The Principal
Canara Engineering College

Subject: Request for Line follower robot kit equipment

Respected Sir,

We are writing to request the provision of a Line Follower Robot Kit for PU Connect. The kit is essential for carrying out practical experiments and implementing concepts related to robotics and sensor-based control systems.

The detailed list of required equipment and components is enclosed herewith for your kind consideration. Having access to these materials will enable us to conduct our project efficiently and achieve the desired learning outcomes. We kindly request your approval and necessary arrangements to procure or provide the mentioned kit at the earliest convenience. Your support in facilitating this request will be greatly appreciated.

Thank you for your attention and cooperation.

Yours sincerely,
Mr. Sreerama Samartha J G
Mrs. Lavanya B
PU Connect Line follower Coordinator

[Signature]

daya

forwarded for approval
#

approved

20.11.25

A sum of ₹15,000/- was sanctioned in our
PU connect-2025 approval letter.
Requesting you for the same
K. Prasad Pai.

List of components Required for Line follower Robot Kit

| Sl. No | Component | Quantity |
|--------|--|-----------------------------------|
| 1 | Screw set with screw driver (small star) | 16 |
| 2 | Battery | 20 |
| 3 | Battery holder | 16 |
| 4 | Arduino Nano | 10 20 |
| 5 | Switch (small) | 15 |
| 6 | Motor Driver | 18 |
| 7 | Junction pin | 200pin (Metallic pin header-male) |
| 8 | Jumper wires | 200 femail-femal |
| 9 | Ultrasonic | 50 |


(Sreerama. Samudra)

**Quotation
Original**

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

| | |
|--|---|
| Quotation No. QN/25/00204 | Dated 13-11-2025 |
| Place of Supply 29 - Karnataka | Mode/Terms of Payment Paid - Cash |
| PO Number & Date | Due Date |

Buyer (Bill to)
CANARA ENGINEERING COLLEGE
 ASRP ROAD, KODIALBAIL MANGALORE, Dakshina Kannada
 PIN: 575003
 GSTIN/UIN: 29AAAAC0920C1ZF

| SL | Description of Goods/Services | Qty | Unit | Rate | Disc.% | Disc. | Amount |
|--------------|-------------------------------------|----------------|------|--------|--------|-------|--------------------|
| 1 | battaries 3v7 | 20.00 | NOS | 50.00 | | | 847.46 |
| 2 | HOLDER FOR 18650 2cell | 16.00 | NOS | 30.00 | | | 406.78 |
| 3 | ATMEGA 328P NANO with data cable | 20.00 40.00 | NOS | 300.00 | | | 5085.00 2542.38 |
| 4 | SWITCHES on off mini | 15.00 | NOS | 5.00 | | | 63.56 |
| 5 | L298N MOTOR DRIVER MODULE | 18.00 | NOS | 120.00 | | | 1830.50 |
| 6 | BERG STRIP male | 5.00 | NOS | 5.00 | | | 21.18 |
| 7 | JUMPER WIRE ,,RIBBON female fem | 200.00 | NOS | 2.00 | | | 338.98 |
| 8 | ULTRASONIC SENS | 50.00 | NOS | 70.00 | | | 2966.10 |
| 9 | SCREWS AND NUTS | 16.00 | NOS | 20.00 | | | 271.18 |
| 10 | SCREW DRIVER | 16.00 | NOS | 40.00 | | | 542.38 |
| | | | | | | | 9830.50 |
| | | | | | | | 884.75 |
| | | | | | | | 884.75 |
| Total | | 366.00 | | | | | 11600.00 |

Amount Chargeable (in words): **Eleven Thousand Six Hundred Rupees Only**
 Tax Amount (in words): **One Thousand Seven Hundred Sixty Nine Rupees And Fifty Paise Only**

| HSN/SAC | Taxable Value | Central Tax | | State Tax | | Total Tax Amount |
|--------------|----------------|-------------|---------------|-----------|---------------|------------------|
| | | Rate | Amount | Rate | Amount | |
| 85061000 | 847.46 | 9% | 76.27 | 9% | 76.27 | 152.54 |
| 85369090 | 427.96 | 9% | 38.52 | 9% | 38.52 | 77.04 |
| 84733020 | 2542.38 | 9% | 228.81 | 9% | 228.81 | 457.62 |
| 85365020 | 63.56 | 9% | 5.72 | 9% | 5.72 | 11.44 |
| 85381010 | 4796.6 | 9% | 431.7 | 9% | 431.7 | 863.4 |
| 85441990 | 338.98 | 9% | 30.51 | 9% | 30.51 | 61.02 |
| 7318 | 271.18 | 9% | 24.41 | 9% | 24.41 | 48.82 |
| 82054000 | 542.38 | 9% | 48.81 | 9% | 48.81 | 97.62 |
| Total | 9830.50 | | 884.75 | | 884.75 | 1769.50 |

Total 14142.00.



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

MANOHAR RADIO HOUSE
 MAIDAN FIRST CROSS
 MANGALORE, 575001
 Authorised Signatory
 TEL: 2426126, 2423555

QUOTATION

| KRISHNA ELECTRONICS Krishna Electronics Rao and Rao Circle Opp Service Bus Stand Mangalore 575001 Phone no: 9886071684 Email: prakashrao684@gmail.com GSTIN: 29AYQPR1765B1Z1 State: 29-Karnataka | | | | Estimate No. 1 | Date 13-11-2025 | |
|---|----------------------|-----------|------------------|--|---------------------------|---|
| | | | | | | |
| Estimate For Canara Engineering College | | | | | | |
| # | Item name | HSN/ SAC | Quantity | Price/ Unit | GST | Amount |
| 1 | SCREW SET WITH DRIVE | 8525B1010 | 16 | ₹ 59.3 | ₹ 170.8 (18%) | ₹ 1,120.0 |
| 2 | BATTERY | | 20 | ₹ 59.3 | ₹ 213.6 (18%) | ₹ 1,400.0 |
| 3 | BATTERY HOLDER | | 16 | ₹ 16.9 | ₹ 48.8 (18%) | ₹ 320.0 |
| 4 | ARDINO NANO | | 20 10 | ₹ 228.8 | ₹ 411.9 (18%) | ₹ 2,700.0 5400 |
| 5 | SWITCH | | 15 | ₹ 4.2 | ₹ 11.4 (18%) | ₹ 75.0 |
| 6 | MOTOR DRIVE | | 18 | ₹ 118.6 | ₹ 384.4 (18%) | ₹ 2,520.0 |
| 7 | HEADER MALE | | 200 | ₹ 8.5 | ₹ 305.1 (18%) | ₹ 2,000.0 |
| 8 | JUMPER WIRE | | 200 | ₹ 1.3 | ₹ 45.8 (18%) | ₹ 300.0 |
| 9 | ULTRASONIC | | 50 | ₹ 67.8 | ₹ 610.2 (18%) | ₹ 4,000.0 |
| Total | | | 545 | | ₹ 2,202.0 | ₹ 14,435.0 |
| Estimate Amount in Words Fourteen Thousand Four Hundred Thirty Five Rupees only | | | | Amounts Sub Total ₹ 14,435.0 | | |
| | | | | Total ₹ 14,435.0 + 2700/- | | |
| HSN/ SAC | Taxable amount | CGST | | SGST | | Total Tax Amount |
| | | Rate | Amount | Rate | Amount | |
| | ₹ 11,283.9 | 9% | ₹ 1,015.6 | 9% | ₹ 1,015.6 | ₹ 2,031.1 |
| 852581010 | ₹ 949.2 | 9% | ₹ 85.4 | 9% | ₹ 85.4 | ₹ 170.8 |
| Total | ₹ 12,233.1 | | ₹ 1,101.0 | | ₹ 1,101.0 | ₹ 2,201.9 |
| Terms and conditions Thanks for doing business with us! | | | | For : KRISHNA ELECTRONICS Authorized Signatory | | |

TOTAL : 17,135/-

From,
K. Prasad Pai
Assistant Professor and Placement Officer
Canara Engineering College, Sudheendra Nagar, Benjanapadavu, Bantwal Taluk -574219

To,
The Principal
Canara Engineering College, Sudheendra Nagar, Benjanapadavu, Bantwal Taluk -574219

Through,
Dr. Priya V Frank
Dean - Student Welfare
Canara Engineering College, Sudheendra Nagar, Benjanapadavu, Bantwal Taluk -574219

Date: 29-10-2025

Respected Sir,

Subject: Proposal for Phase 2 & 3 – PU Connect 2025-26

With reference to our institutional initiative PU Connect 2025, We sincerely thank the management and leadership team for approving our Phase 1 plan. All teams are fully prepared to begin the outreach visits and we look forward to positive outcomes from these initial interactions. We are pleased to present the **proposal for Phases 2 & 3 of PU Connect 2025-26, focusing on engagement-driven sessions and collaborative activities across PU Colleges in the Coastal Districts**. These phases aim to strengthen our institutional presence, deepen relationships with partner colleges, and showcase the values and academic strengths of Canara Engineering College.

Objectives of **Phase 2 aim to deliver sessions and hands-on workshops to students of identified colleges and conduct feasible activities** (Career Guidance, Understanding AI Tools, Power BI, Design Thinking, etc.) based on each college's readiness. **Phase 3 emphasizes providing 1st and 2nd year PU students the opportunity to visit and experience Canara Engineering College by participating in the Science Project Exhibition and other interactive activities.**

We are **proposing 15th November 2025 as a tentative date for the Science Exhibition Competition in CEC Premises and inviting PU students' campus visit**. We are inviting students and faculty from **Canara Pre-University College, Kodialbail, Sharada PU College, and Mount Carmel PU College, Modankaup** to participate as the audience for the upcoming event. The program will include a **Career Orientation Session and a Science Exhibition across six categories – Science and Innovation, Environmental Sustainability etc with 3 Prizes in each category aimed at inspiring young minds toward science and technology. Alongside this, we plan to host a “Shark Tank” business idea competition, a Quiz, and a Line Follower Robot Workshop** on the same day. We kindly seek permission to use college buses to facilitate the pick-up and drop-off of participating students and faculty members from the respective institutions.

We request your kind approval to proceed with the proposed schedule and coordination with the concerned colleges. A brief visit report will be submitted after completion. The estimated budget for the Phase 2&3 is as follows.