



Lab 2 - Embedded System Laboratory

AY 2025-26

Sr. No.	Name of Equipment	Major/Minor	Qty	Total Cost	Deadstock No.	Status Working/ Not Working
1	Rasperry P5 8GB ram Boards	Minor	5	57997	COET/ET/04/09/1.1 TO 1.5	Working
2	ARM Cortex M4 Development Board with free RTOS Make-MicroEmbedded	Minor	03	47790	COET/ET/04/07/2.1 to 2.3	Working
3	LPC 2148 ARM& Development Board with all interfaces with UcosII RTOS Make MicroEmbedded	Minor	04	53100	COET/ET/04/07/1.1 TO 1.4	Working
4	Computer system intelCore i7,7th Generation ,8 GB	Minor	15	457191	COET/ET/04/06/1.1 TO 1.15	Working
5	Rasperry P5 8GB ram Boards	Minor	5	58080	COET/ET/04/06/2.1 TO 2.5	Working
6	Universal Development Board with PIC 18F4550 Shield –Amotech Labs	Minor	2	41300	COET/ET/04/03/1.1 and 1.2	Working
7	NI My Rio Embedded kits Shrinivasa Techno Soln.	Major	1	177822	COET/ET/4/02/2.1 to 2.3	Working
8	Proteus VSM software Simulink for PIC 16 & 18 , MSP430 2users & PCB software 1 User	Major	1	661980	COET/ET/03/94/1.1A,B,&C	Working
9	Proteus software for ARM Cortex M0,M3 & M4 for 2 users	Major	1	430700	COET/ET/03/97/1.1	Working
10	Universal Programmer	Minor	1	4720	COET/ET/03/94/3.1	Working
11	ORcad University PCB Design Bundle Version 17.2 for 10Users	Major	1	500000	COET/ET/04/02/1.1	Working
12	Jetson Nano Boards	Major	2	45659	COET/ET/03/96/3.1 TO COET/ET/03/96/3.2	Working



PVG's College of Engineering, Technology and Management, Pune
Accredited by NAAC Third cycle with Grade "A"
Department of Electronics and Telecommunication Engineering



AY 2025-26

Sr. No.	Name of Equipment	Major/Minor	Qty	Total Cost	Deadstock No.	Status Working/ Not Working
13	STM32 ARM Cortex M4 Nucleo Board Make Digitod	Minor	10	340000	COET/ET/03/98/3.1 TO COET/ET/03/98/3.10	Working
14	ARM Cortex M4 Development Board with free RTOS Make-MicroEmbedded	Minor	2	23747	COET/ET/04/02/3.1 and 3.2	Working
15	LPC 2148 ARM& Development Board with all interfaces with UcosII RTOS Make MicroEmbedded	Minor	6	71242	COET/ET/04/02/2.1 TO 2.6	Working
16	ARM cortex M4 Development Board for STM 32F407vdk including with DC and stepper Motor make Logsun Systems	Minor	3	35400	COET/ET/03/95/1.1 TO 1.3	Working
17	25 MHz DSO	Minor	1	18844	COET/ET/03/52/2.8	Working
18	ARM9 Board with LED & LCD make-Edutech	Minor	5	63000	COET/ET/03/71/3.1 TO 3.5	Working
19	LPC 2148 Arm7 Development Board make-Finex	Minor	3	4366	COET/ET/03/95/3.1 to 3.3	Working (one kit free)
20	ARM 7 Development Boards LPC2148 with LCD & Keyboard Make- Alcor	Minor	5	34000	COET/ET/03/67/2.1 TO 2.5	Working
21	Cortex M3 LPC1768 Development Board with GLCD make- Alcor	Minor	3	27675	COET/ET/03/67/3.1 TO 3.3	Working
22	Cortex M3 LPC1768 Development Board with TFT make- Alcor	Minor	2	18325	COET/ET/03/68/1.1 & 1.2	Working
23	Cortex M3 Development Board with CAN Module GLCD & Keyboard make Alcor	Minor	2	10800	COET/ET/03/59/1.1 & 1.2	Working



PVG's College of Engineering, Technology and Management, Pune
Accredited by NAAC Third cycle with Grade "A"
Department of Electronics and Telecommunication Engineering



AY 2025-26

Sr. No.	Name of Equipment	Major/Minor	Qty	Total Cost	Deadstock No.	Status Working/ Not Working
24	DSP starter kit TMS 320C6748 with XDS100V2 JTAG Emulator	Minor	2	56640	COET/ET/0385/2.1 & 2.2	Working
25	IOT Development boards based on Raspberry Pi, Arduino UNO, Node MCU sensor Boards	Minor	6	92040	COET/ET/03/86/1.1 TO 1.6	Working
26	RASPERRY pi3 Boards	Minor	2	9920	COET/ET/03/71/1.1 & 1.2	Working
27	ARM9 board make- Oasis	Minor	2	84000	COET/ET/03/48/2.1a & 2.1B	Working
28	Addon Kits ADC/DAC	Minor	2	8400	COET/ET/03/48/1.1 & 1.2 (A & B)	Working
29	Spirit Board make Oasis	Minor	2	30450	COET/Et/03/47/2.1& 2.2	Working
30	ADD on ADC/DAC	Minor	2	8400	COET/ET/03/48/1.1 &1.2	Working
31	Mini Laptop Make Acer	Minor	4	70000	COET/ET/03/76/1.1 to 1.4	Working
32	LaserJet Printer HP1020	Minor	1	7000	COET/Et/03/76/2.1	Working
33	Laptop i3 Core make - Lenovo	Minor	1	46999	COET/ET/03/98/2.1	Working
34	Laptop Celeron make-	Minor	2	57796	COET/ET/03/99/1.1 & 1.2	Working
35	LaserJet Printer HP1007	Minor	1	5600	COET/ET/03/41/2.3	Working
36	24 port switch Dlink	Minor	1	35150	COET/ET/02/09/2.1	Working
37	8Port switch	Minor	1	1677	COET/ET/03/01/1.1	Working



PVG's College of Engineering, Technology and Management, Pune
Accredited by NAAC Third cycle with Grade "A"
Department of Electronics and Telecommunication Engineering



AY 2025-26

Sr. No.	Name of Equipment	Major/Minor	Qty	Total Cost	Deadstock No.	Status Working/ Not Working
38	Win98 Software	Minor	1	3500	COET/ET/01/95/2.1	Working
39	Office XP software	Minor	1	19622	COET/ET/02/43/1.1	Working
40	Novel Netware	Minor	1	50000	COET/ET/02/43/2.1 TO 2.4	Working
41	Computer System core 2 duo, 2.93 Ghz,6 GB RAM,300 GB HDD, TFT Monitor, USB Keyboard & Mouse Make- Acer	Minor	2	45046	COET/ET/03/43/1.7 & 1.1	Working

Total Cost of Equipment: 38,15,978/-