



Physical Verification Report

1.	Name of Laboratory	:	Embedded Lab.
2.	In-Charge	:	Sh. Saurav Mehta
3.	Name of Department	:	ECE
4.	Physical verification office order no. and date	:	232 of Date: 27-05-2025
5.	Members of Physical verification Committee	:	Sh. Anurag Sharma, AP, CSE. Sh. Gaurav Mahajan, AP, ME. Sh. Nikhil Rathore, AP, CE.
6.	Date of Physical Verification	:	03-06-2025
7.	Stock Register number Verified	:	ECE-006 & ECE-005
8.	Pages Verified	:	01 to 75 (Stock Register ECE - 006) and 1 to 13 (Stock Register ECE-005)
9.	List of deficit/Unserviceable/Scrap equipment/material	:	-Nil-

Comments: *Nil*


Faculty In-Charge


Member-I


Member-II


Member-III

Machinery and Equipment List
Embedded Lab

S. No.	Name of Item	Register No.	Stock Page No.	Indent No.	Quantity	Procurement	Remarks
1	89C51 Microcontroller development board with programmer and modules	ECE-006	1	88714	2	Government head	
2	ARM7 Development platform	ECE-006	2	88716	2	Government head	
3	PIC Microcontroller development board with programmer	ECE-006	3	88716	1	Government head	
4	Display and switch module	ECE-006	4	88714	3	Government head	
5	Motor control module (ADC/DAC Module)	ECE-006	5	88714	3	Government head	
6	Differential input pressure transducer	ECE-006	6	88715	3	Government head	
7	Graphical display module	ECE-006	7	88715	3	Government head	
8	Computer interface module	ECE-006	8	88715	3	Government head	
9	PWM Based voltage regulator	ECE-006	9	88715	3	Government head	
10	SD card interface module	ECE-006	10	88715	3	Government head	
11	Accelerometer module	ECE-006	11	88715	3	Government head	
12	Laboratory Table	ECE-006	12		1	Government head	Received from MATLAB
13	Computer Table	ECE-006	13		0	Government head	Received from MATLAB and then transferred back
14	10KVA Online ups system 3:1	ECE-006	14		0	Government head	Installed in Research Lab
15	Parallel kit	ECE-006	15		0	Government head	Installed in Research Lab
16	SWITCH Box	ECE-006	16		0	Government head	Installed in Research Lab







Department of Electronics & Communication Engineering
Atal Bihari Vajpayee Govt. Institute of Engineering & Technology
Pragatinagar Distt. Shimla (H.P.)-171202, Phone : (01783)253918, Fax : (01783)253919

17	SWITCH PANEL	ECE-006	17		0	Government head	Installed in Research Lab
18	DIP SWITCH 4 PIN	ECE-006	18	88667	5	Government head	
19	IC 7107	ECE-006	19	88667	20	Government head	
20	Microcontroller 89C51 IC	ECE-006	20	82808	3	Government head	7 consumed in projects
21	L293 IC Motor driver IC	ECE-006	21	82808	0	Government head	consumed in projects
22	Crystal 11.92 MHz	ECE-006	22	82808	8	Government head	2 consumed in projects
23	Crystal 3.5 MHz	ECE-006	23	82808	6	Government head	4 consumed in projects
24	Switch 3 stage	ECE-006	24	82808	10	Government head	
25	Microcontroller 89C51 IC	ECE-006	25	88665	1	Government head	1 consumed in project
26	Anchor Extension	ECE-006	26		1	Government head	
27	Personal computer	ECE-006	17	88716	2	Government head	*17 PCs transferred to research lab. *1 pc received from MAT lab *1 pc received from S.R. No. ECE – 016 from page no. 26
28	Faculty Table	ECE-006	28	88721	0	Government head	Transferred to Research lab.
29	Faculty Chair	ECE-006	29	88721	1	Government head	
30	Visiting Chair	ECE-006	30	88721	0	Government head	Transferred to Research lab.
31	White Board	ECE-006	31	88721	0	Government head	Transferred to Research lab.
32	Stool	ECE-006	32	88721	30	Government head	
33	Steel Cabinet	ECE-006	33	88721	1	Government head	
34	Faculty Table Cum Computer table	ECE-006	34		0	Government head	One each transferred to SDO BSNL, Research lab., Electrical lab. And Digital lab.

Anus Jaisingh

Department of Electronics & Communication Engineering
Atal Bihari Vajpayee Govt. Institute of Engineering & Technology
Pragatinagar Distt. Shimla (H.P)-171202, Phone : (01783)253918, Fax : (01783)253919

35	Work Bench	ECE-006	35		0	Government head	Transferred to Digital lab.
36	Arduino Kit	ECE-006	36		30	Given from IIT hyd.	
37	TIVA C Series TM4C 123G Launch Pad	ECE-006	37	88066	34	Government head	
38	MSP 430 F5529 Launch Pad Evaluation Kit	ECE-006	38	88066	34	Government head	
39	Bag Rack	ECE-006	39	90110	0	TEQIP-III	
40	Wall Clock	ECE-006	40	90110	1	TEQIP-III	
41	Dust Bin	ECE-006	41	90110	1	TEQIP-III	
42	Organizer	ECE-006	42	90110	4	TEQIP-III	
43	Fabric Notice Board	ECE-006	43	90110	1	TEQIP-III	
44	Dongle Jio	ECE-006	44	90110	1	TEQIP-III	
45	HDMI Cable	ECE-006	45	90110	1	TEQIP-III	
46	Wireless Adapter	ECE-006	46	90110	1	TEQIP-III	One issued to Saurav Mehta
47	Printer	ECE-006	47	90130	1	TEQIP-III	
48	Projector Mounting Kit	ECE-006	48	90130	1	TEQIP-III	
49	PS2 to 4SB Converter	ECE-006	49	90130	0	TEQIP-III	Transfer to SR no. ECE-005 page no.14
50	Smart Board	ECE-006	50	90130	1	TEQIP-III	
51	Key Board with PS2 Port	ECE-006	51	90130	0	TEQIP-III	Transfer to SR no. ECE-005 page no. 10
52	HDMI Board Monitor	ECE-006	52	90130	14	TEQIP-III	*4 no. issue to drone and robotics lab. *1 no. issue to Ravikant Sharma *1 no. Awin Gupta(EED)
53	Digital Podium	ECE-006	53	90130	1	TEQIP-III	
54	Wireless Adapter	ECE-006	54	90130	1	TEQIP-III	
55	Proteus S/W 254Ser	ECE-006	55	90113	0	TEQIP-III	Transfer to project lab SR no. ECE-016 page no. 30
56	ESP 32	ECE-006	56	90655	31	TEQIP-III	4 no. consumed in project work
57	ICO Board	ECE-006	57	90655	35	TEQIP-III	
58	RS 485 interface	ECE-006	58	90655	35	TEQIP-III	
59	Raspberry pi Kit	ECE-006	59	90655	35	TEQIP-III	
60	Student Computer Chair	ECE-006	60	107	14	TEQIP-III	Received from Analog Electx. Lab. 4 no. issue to robotics and drone lab

Anus

Prising

JP



Department of Electronics & Communication Engineering
Atal Bihari Vajpayee Govt. Institute of Engineering & Technology
Pragatinagar Distt. Shimla (H.P)-171202, Phone : (01783)253918, Fax : (01783)253919

61	Mouse	ECE-006	61	142	25	TEQIP-III	Received from Analog Electx. Lab.
62	MSO Oscilloscope	ECE-006	62	142	2	TEQIP-III	Received from Analog Electx. Lab.
63	USB Connector	ECE-006	63	2	14	0	TEQIP-III transfer to microprocessor lab ECE-005
64	USB Keyboard	ECE-006	64			25	Received from Analog Electx. Lab. 4 no. issue to robotics and drone lab & 1 no. issue to ravikant sharma
65	Almirah	ECE-006	65			2	Received from Analog Electx. & basic electrical Lab.
66	Laptop	ECE-006	66	90129		0	Issued to Vandana Devi
67	Hard disk 480 SSD & RAM 4GB	ECE-006	67			0	Installed in laptop
68	Globe System for mobile	ECE-006	68			2	Received from power electronics lab SR no.ECE-003 page no 09
69	GSM application Modules	ECE-006	69			2	Received from power electronics lab SR no.ECE-003 page no 10
70	Blue tooth trainer	ECE-006	70			2	Received from power electronics lab SR no.ECE-003 page no 11
71	RFID TRAINER	ECE-006	71			2	Received from power electronics lab SR no.ECE-003 page no 12
72	Microcontroller kit	ECE-006	72	312581		1	Received from ITI wing
73	Application kit for microcontroller	ECE-006	73	312582		1	Received from ITI wing

Amey Jaising

Department of Electronics & Communication Engineering
Atal Bihari Vajpayee Govt. Institute of Engineering & Technology
Pragatinagar Distt. Shimla (H.P)-171202, Phone : (01783)253918, Fax : (01783)253919


74	Sensor trainer kit	ECE-006	74	312582	2		Received from ITI wing
75	Computer lab table	ECE-006	75	107	8		2 no. issue to robotics and drone lab
76	Microprocessor Trainer Kit	ECE-005	1	88718	8	Government head	
77	Modules-8253 Programmable Trainer Kit	ECE-005	2	88718	3	Government head	
78	Module-8255 Programmable Peripheral Interface	ECE-005	3	88718	3	Government head	
79	Module-8259 Programmable Interrupt Controller	ECE-005	4	88718	3	Government head	
80	Module-Seven Segment Display	ECE-005	5	88718	3	Government head	
81	Module-5x4 matrix keyboard	ECE-005	6	88718	3	Government head	
82	Module-Stepper Motor Controller	ECE-005	7	88718	3	Government head	
83	Module-8 Channel 8 bit ADC	ECE-005	8	88719	3	Government head	
84	Module-2 Channel 8-bit DAC	ECE-005	9	88719	3	Government head	
85	Keyboard with PS2 port	ECE-005	10		15		5 no. received from SR no. ECE -006 page no.51 & 10 no. received from SR no.ECE-011 page no. 46
86	Microprocessor trainer kit 8085	ECE-005	11	312555	4		Received from ITI wing
87	Microprocessor trainer kit	ECE-005	12	312558	1		Received from ITI wing
88	Microprocessor trainer kit with 6 no. different application interface 8085	ECE-005	13	312579	1		Received from ITI wing

Lab Incharge

OIC ECE

Physical Verification Certificate

In compliance with O.O. No. 232 of dated 27-05-2025, internal store verification of “**Embedded lab**” was conducted on 03-06-2025. The Embedded lab was physically verified by committee members and all the equipment were found as per entry made in Stock Register No. ECE – 006 and ECE -005.


Faculty In-Charge


Member-I


Member-II


Member-III