



# VIMAL JYOTHI ENGINEERING COLLEGE

**JYOTHI NAGAR, CHEMPERI - 670632, KANNUR, KERELA**

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE  
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC  
Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 4.1.1

## LABORATORIES

Sl.No:	Department	Name of Lab	Room No:	Area (Sqm)	No. of Labs
1	EIE	Research Lab	1T6	75.2	7
2		Advanced Digital Electronics Lab	1T5	75.2	
3		Instrumentation Lab	1S5	115.6	
4		Process Control Lab	1S2	100.8	
5		Forbes Marshall Centre of Excellence Lab	1S2	50	
6		Applied Electronics Lab	1T4	100.8	
7		Robotic Lab	IC1	52.6	
8	EEE	Control System Lab	1S6	107.44	6
9		Power Electronics lab and Power System Lab	IS4	100	
10		Electrical Machines lab	3G5	292.04	
11		Electrical Measurements Lab	3G7	87	
12		Software lab	5F4/F5	57.12	
13		Project lab	8S2	49.5	
14	CSE	Advanced Computing and Research Centre (Computer lab 4)	1S28	67.5	9
15		Information Systems Lab (Computer Lab 3)	1S28A	161.10	
16		Project lab (Computer lab 7)	IT27	36.05	
17		Network and Systems Lab (Computer lab 4)	s25		
18		Software Systems Lab/PG Lab (Computer lab 2)	5S5	102.12	





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NAAC Cycle 2

Criterion: 4.1.1

19		Advanced Computing Lab/IOsS lab (computer Lab 5)	5F1	142.08	
20		Computer Centre (Computer lab1)	5S9	309.32	
21		Embedded Systems Lab (computer Lab 6)	5S2	57.72	
22		IoT Lab	1s16	21.46	
23	ECE	Analog Electronics Laboratory	12S2	124.2	5
24		Digital Electronics Laboratory	12S5	124.2	
25		Communication Engineering Laboratory	12T5	94.05	
26		Advanced Communication Engineering	12T8	92.7	
27		Research Lab/Project Lab	12T2	61.2	
28	CE	Engineering Geology Lab	14F2A	29.7	8
29		Survey Lab	12F2	63.9	
30		Virtual Reality Lab/Advanced Survey Lab	14F1A	52.65	
31		Engineering Mechanics Lab	14F1	52.65	
32		Geotech And Transportation Engineering Lab	14G4	120.6	
33		SM Materials Testing and Concrete Lab	14G1	225.9	
34		Environmental Engineering Lab	12F6	124.8	
35		Advanced Design Lab	12F7	91.8	
36	ME	CAD LAB	VFF1	152	





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Criterion: 4.1.1

37		Manufacturing technology lab	13G1	390.6	7
38		Fluid mechanics and machine lab	12G2	314.10	
39		Thermal Engineering Lab	2G8	292.04	
40		HMT lab	2G1	145.04	
41		Metallurgy and Metrology Lab	2G2	96.04	
42		CNC machining Centre	13G1		
43	ASH	Chemistry Lab	14T5	146.25	2
44		Physics Lab	14T4	146.25	





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Criterion: 4.1.1

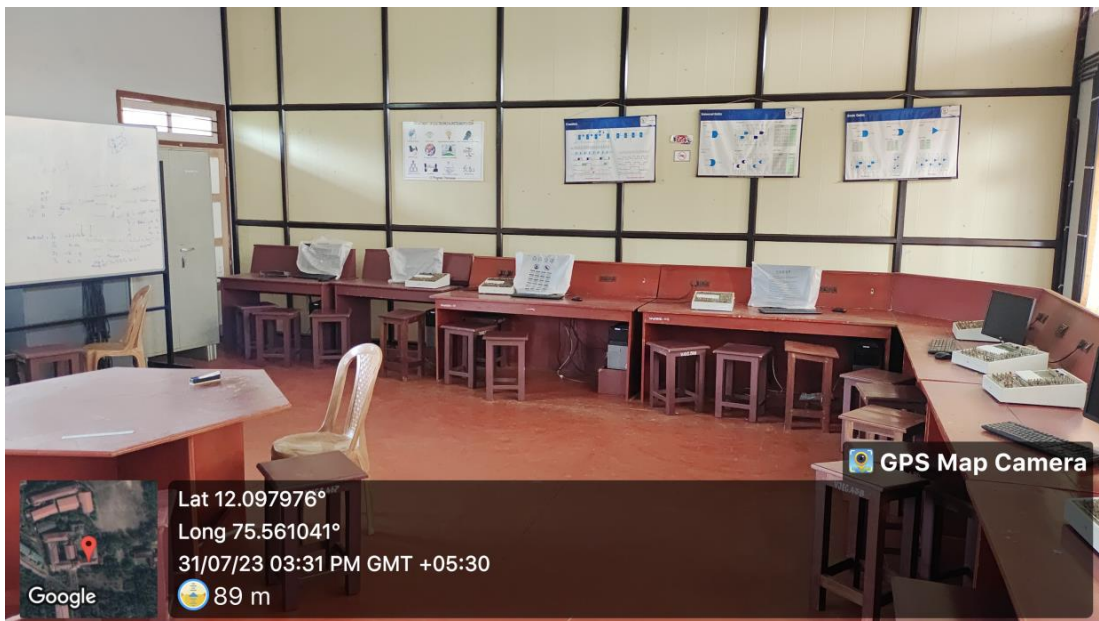
## GEOTAGGED PHOTOS OF LABORATORIES

### DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING (EIE)

#### 1. Research Lab



#### 2. Advanced Digital Electronics lab





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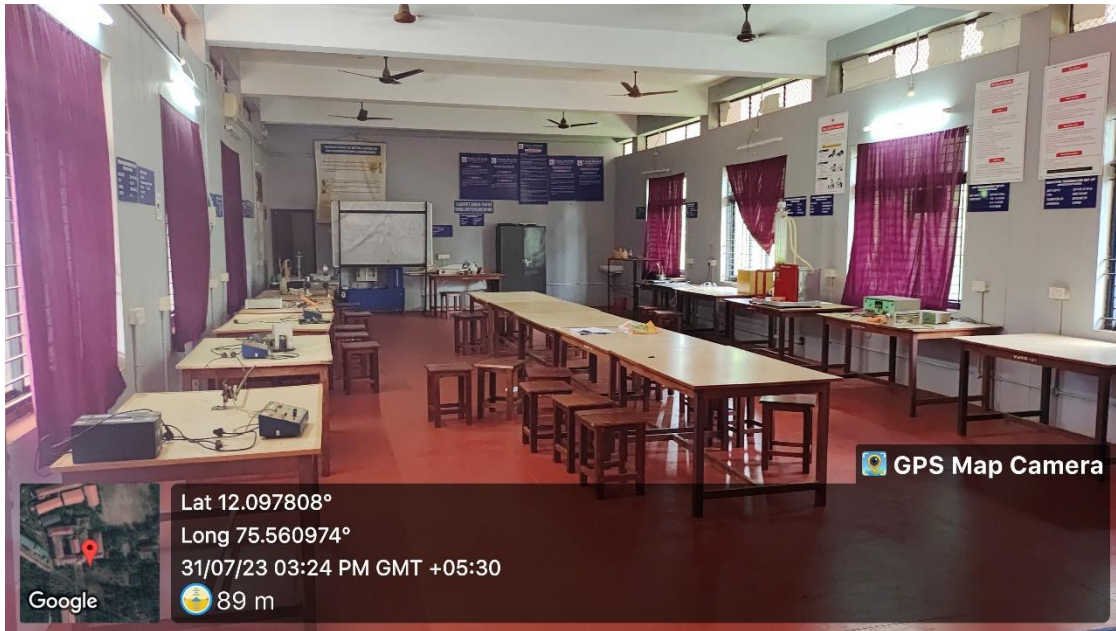
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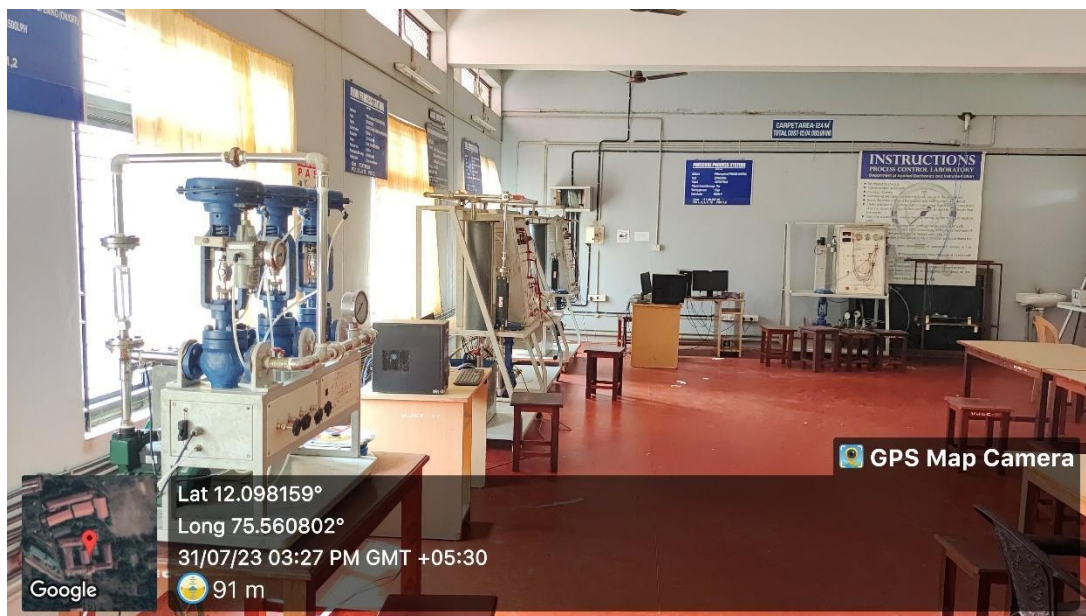
NAAC Cycle 2

Criterion: 4.1.1

## 3. Instrumentation Lab



## 4. Process Control Lab





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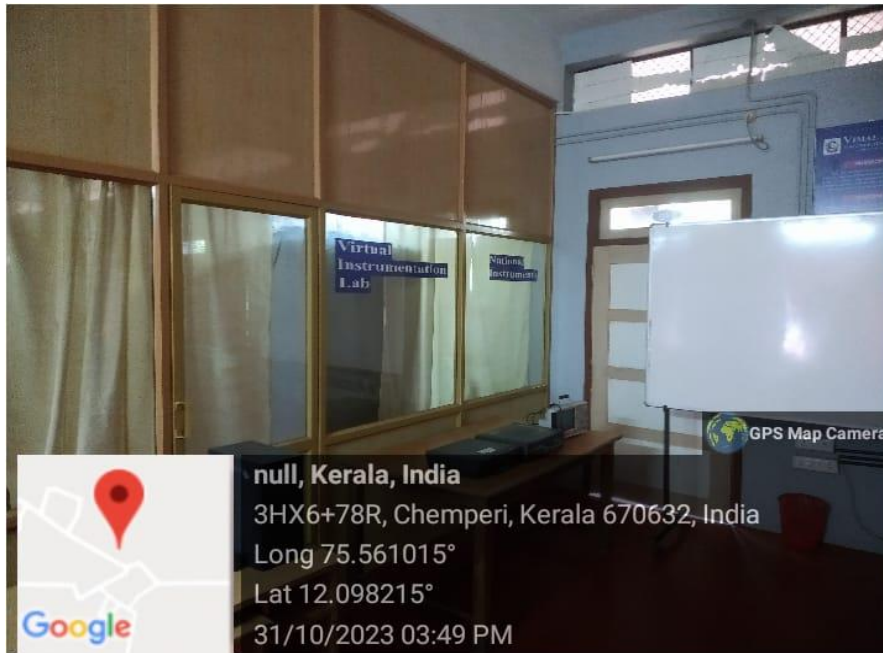
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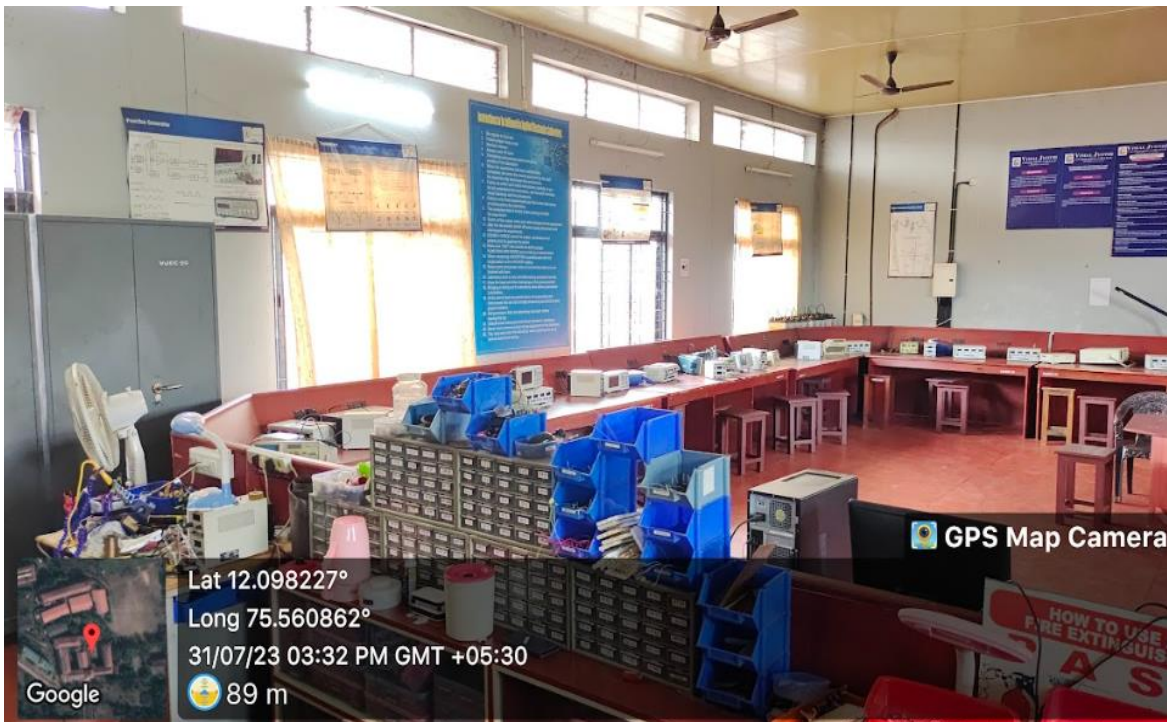
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## 5. Forbes Marshall Centre of Excellence Lab



## 6. Applied Electronics Lab





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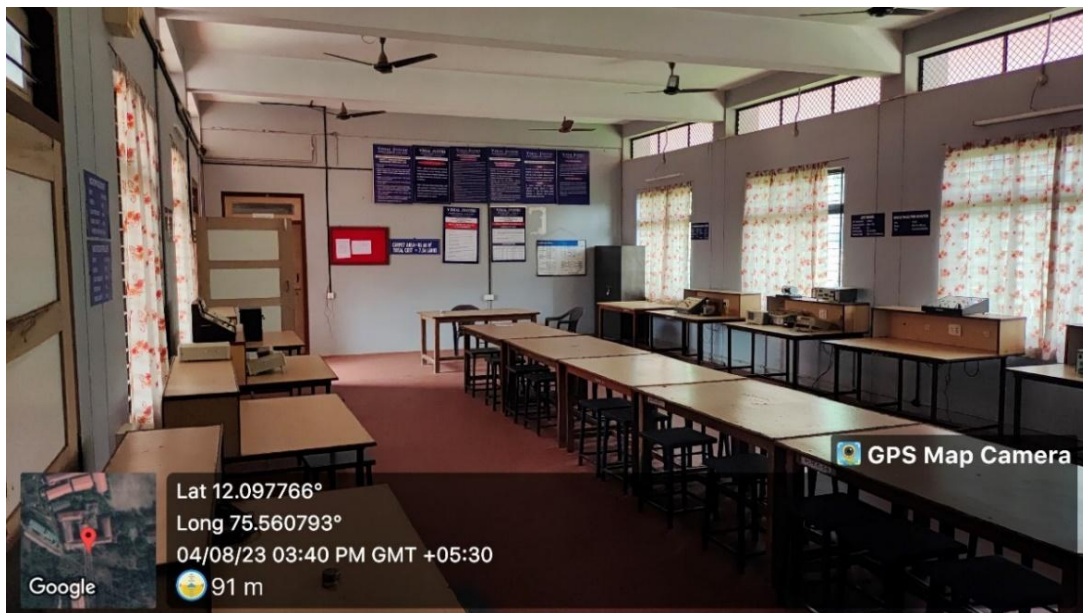
Criterion: 4.1.1

## 7. Robotics Lab



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGG (EE)

## 8. Control System Lab





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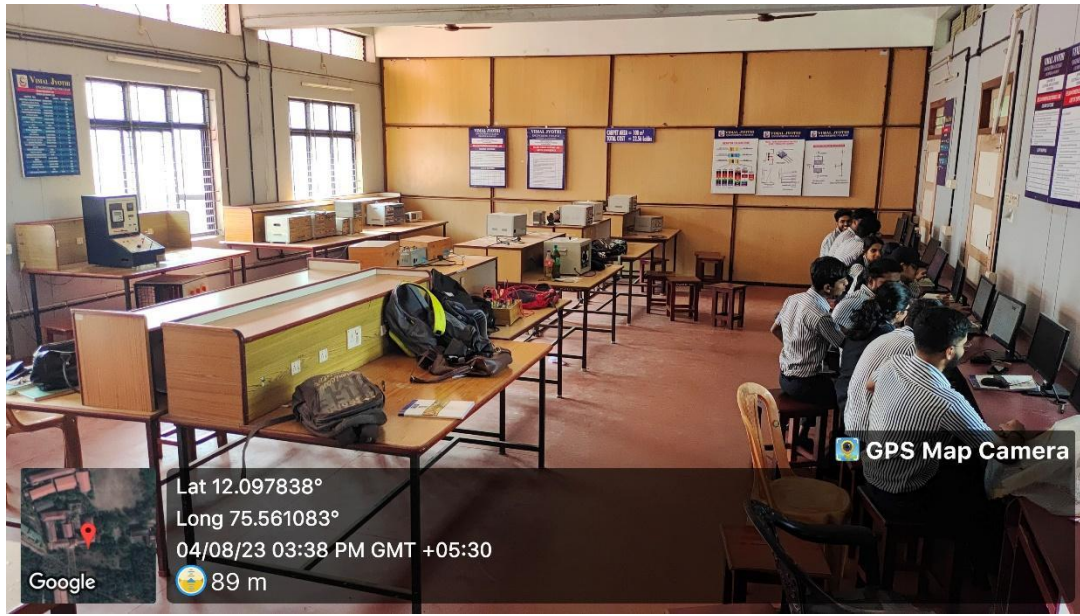
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NAAC Cycle 2

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## 9. Power Electronics lab and Power systems Lab



## 10. Electrical Machines lab







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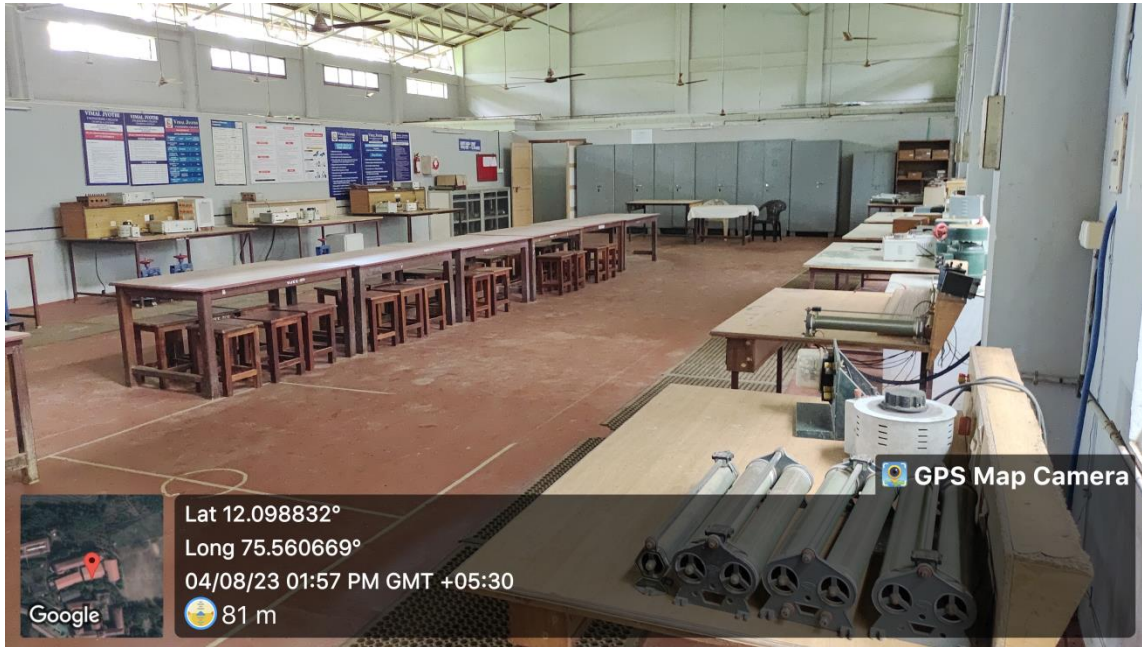
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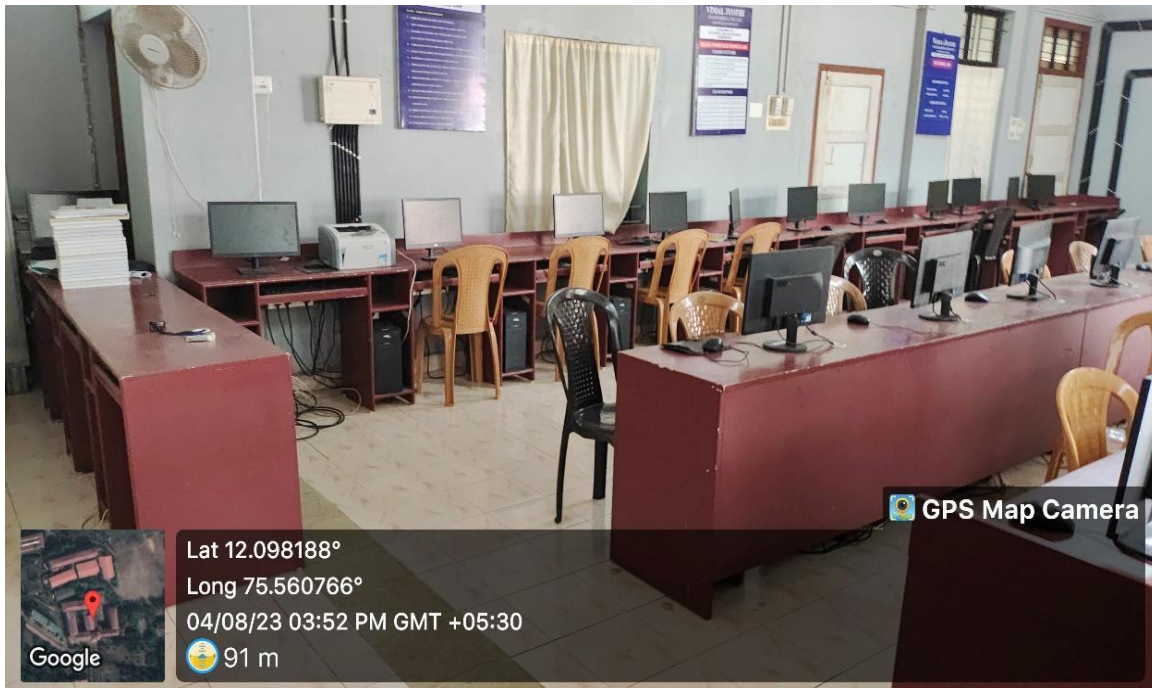
NAAC Cycle 2

Criterion: 4.1.1

## 11. Electrical measurements lab



## 12. Software lab





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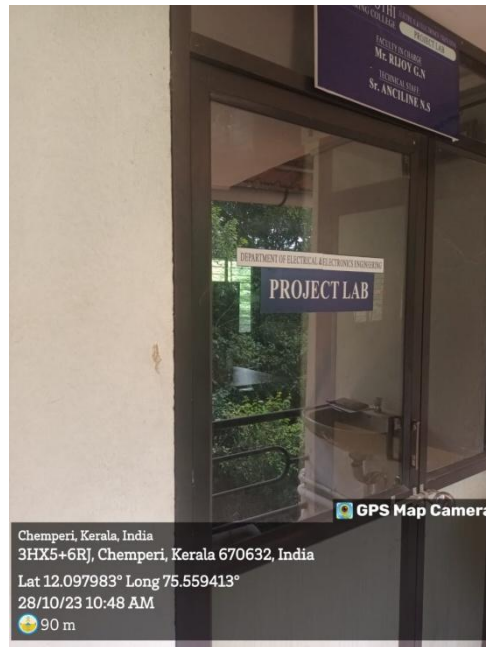
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NAAC Cycle 2

Criterion: 4.1.1

## 13. Project Lab



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(CSE)

## 14. Advanced Computing and Research Centre (Computer lab4)





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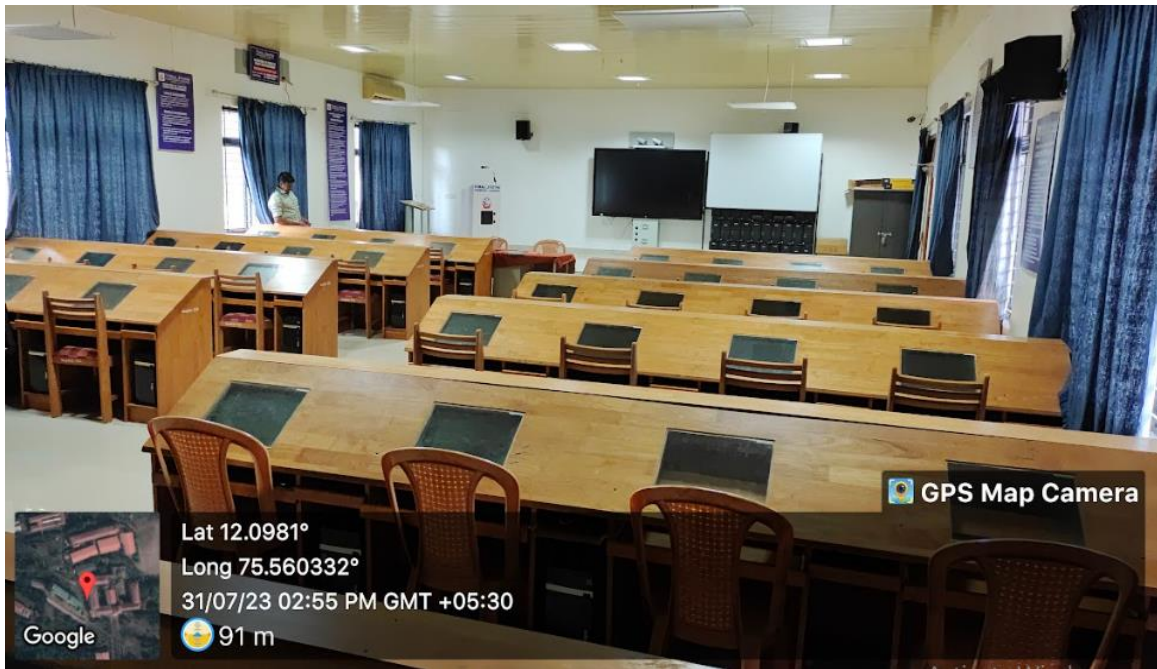
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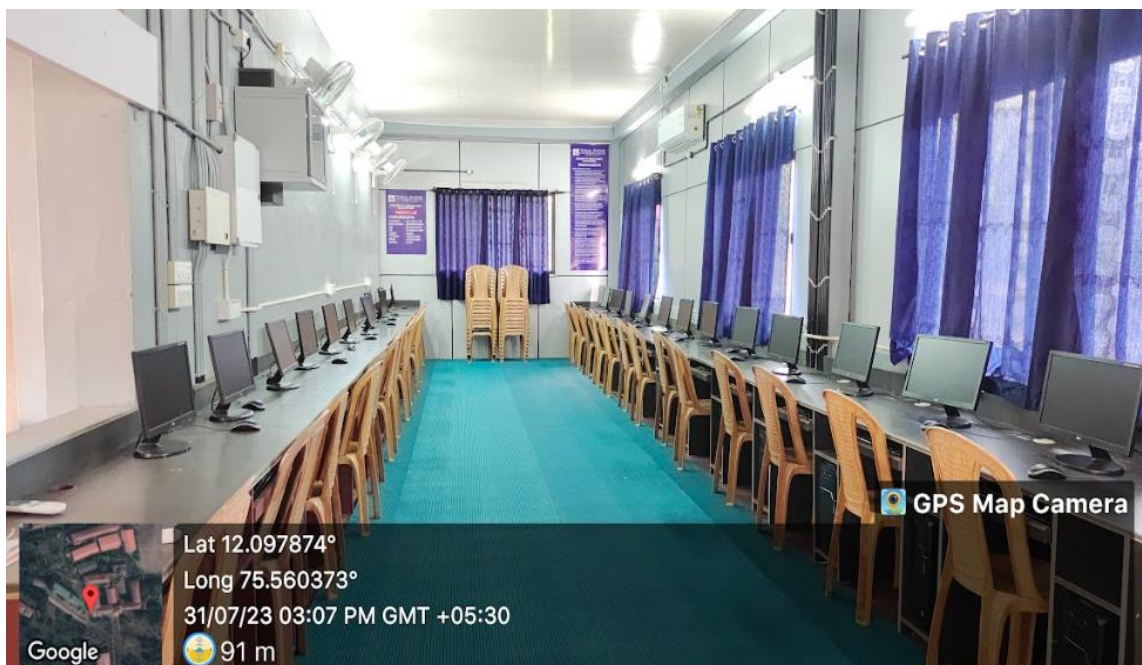
NAAC Cycle 2

Criterion: 4.1.1

## 15 Information Systems Lab (Computer Lab 3)



## 16. Project lab (Computer lab 7)





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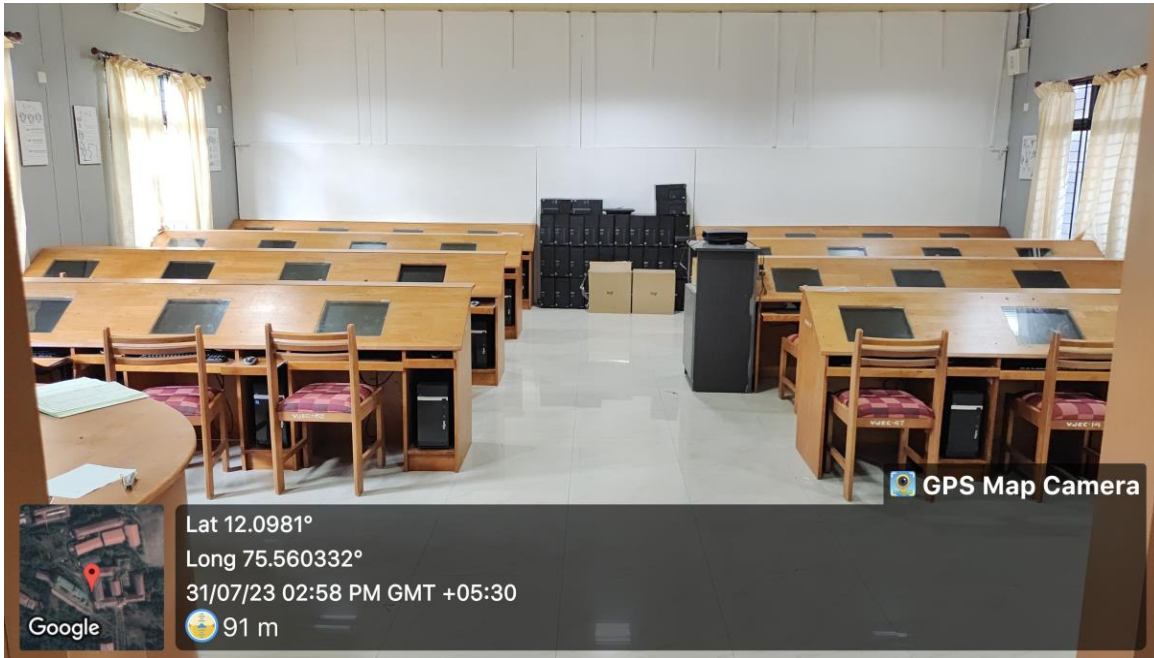
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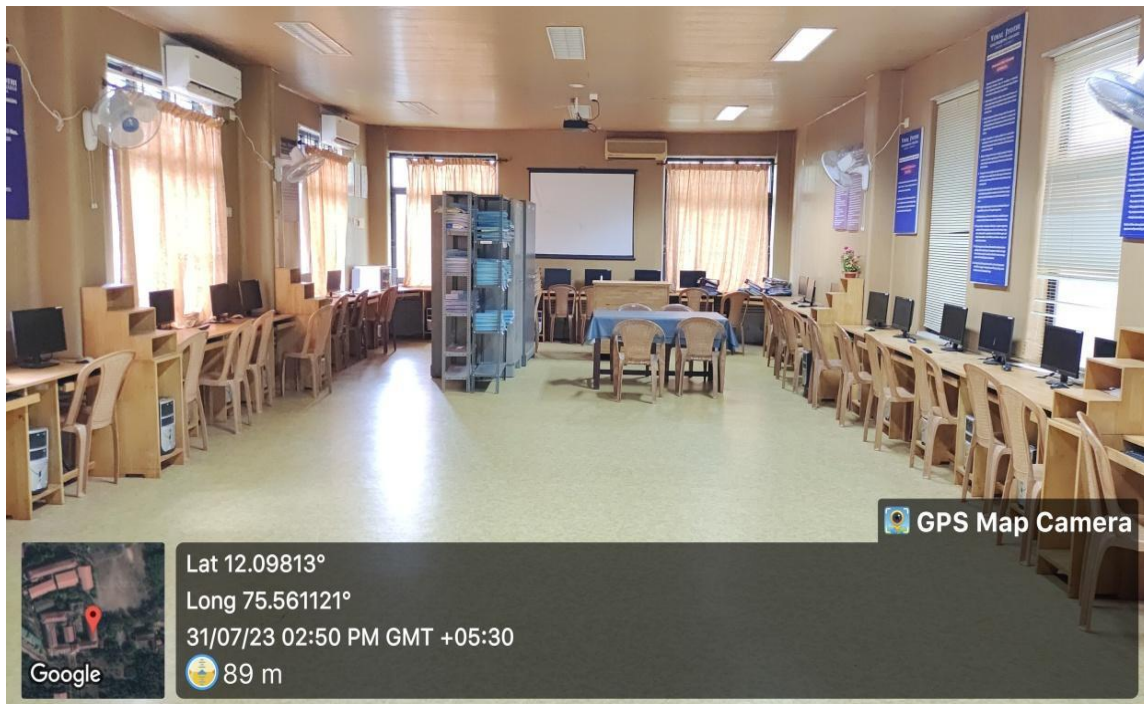
NAAC Cycle 2

Criterion: 4.1.1

## 17. Network and Systems and research Centre (Computer lab 4)



## 18. Software Systems Lab/PG Lab (Computer lab 2)





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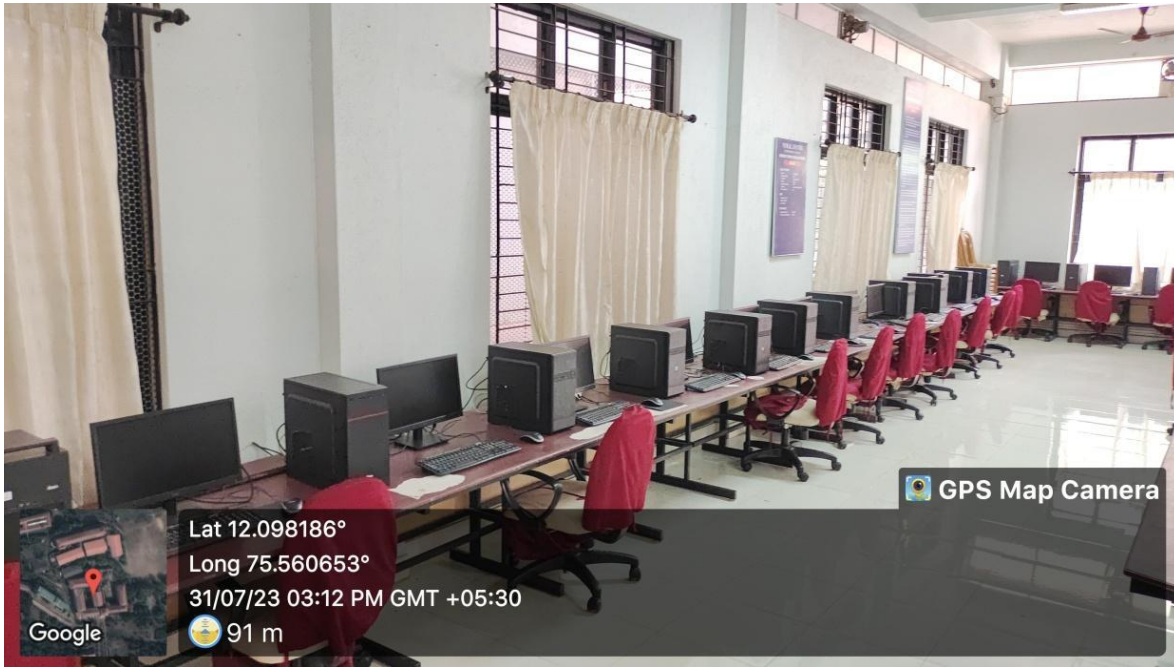
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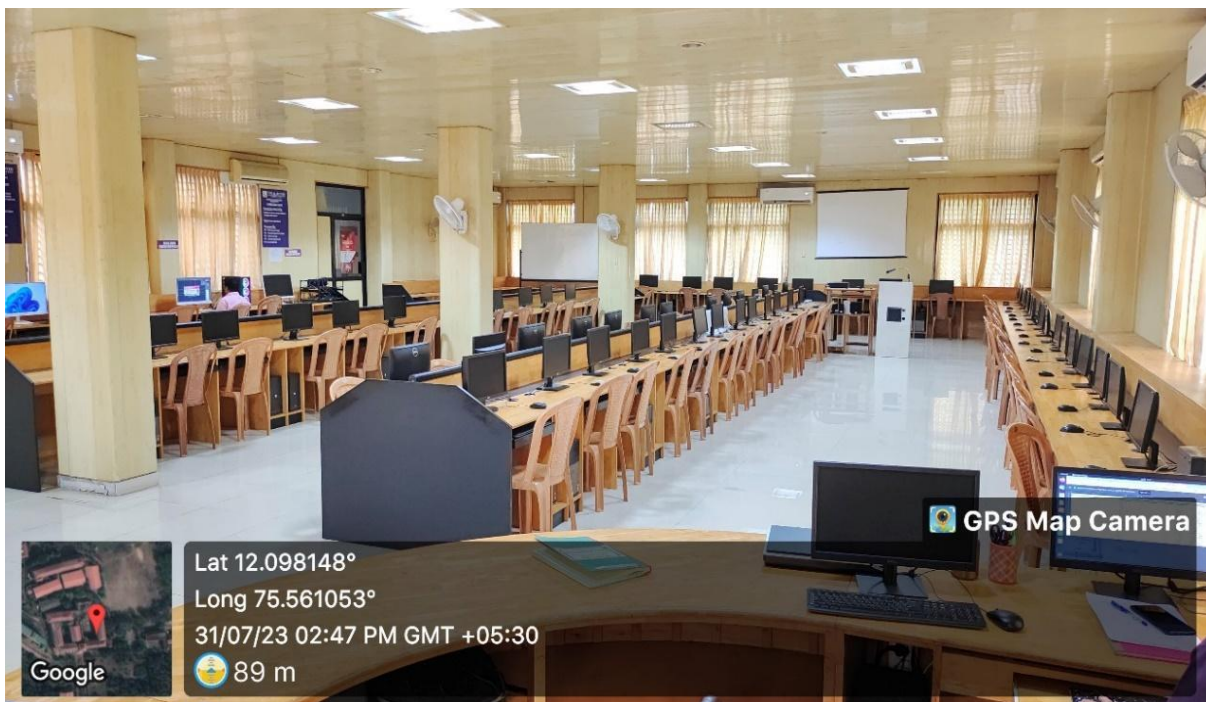
NAAC Cycle 2

Criterion: 4.1.1

## 19. Advanced Computing Lab/ IOSs lab (computer Lab 5)



## 20. Computer Centre (Computer lab1)





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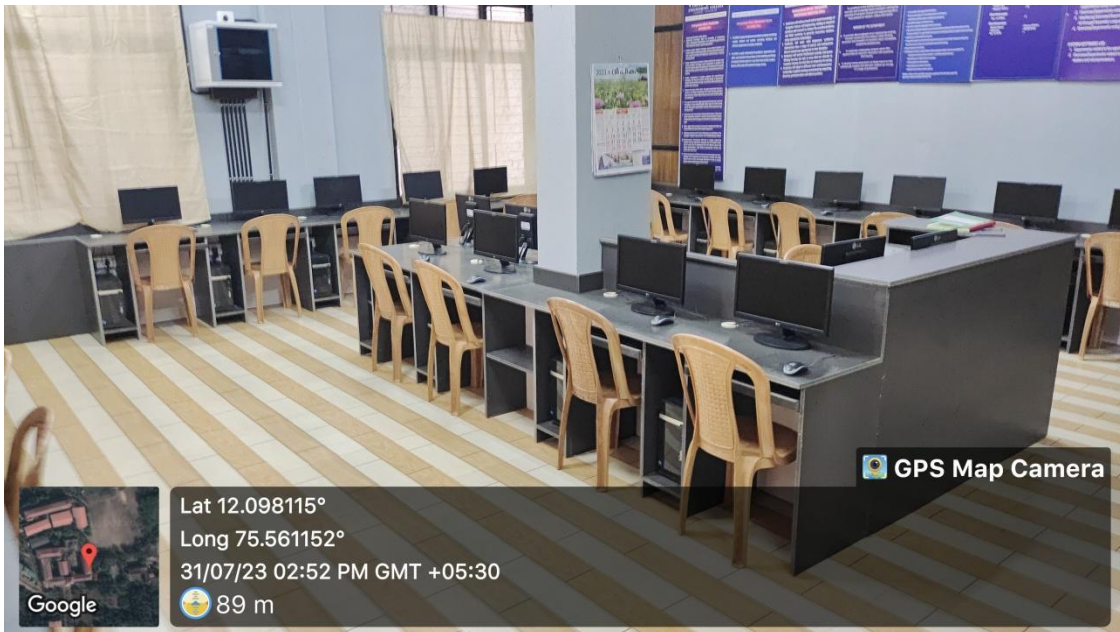
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## 21.Embedded Systems Lab (computer Lab 6)



## 22.IoT Lab





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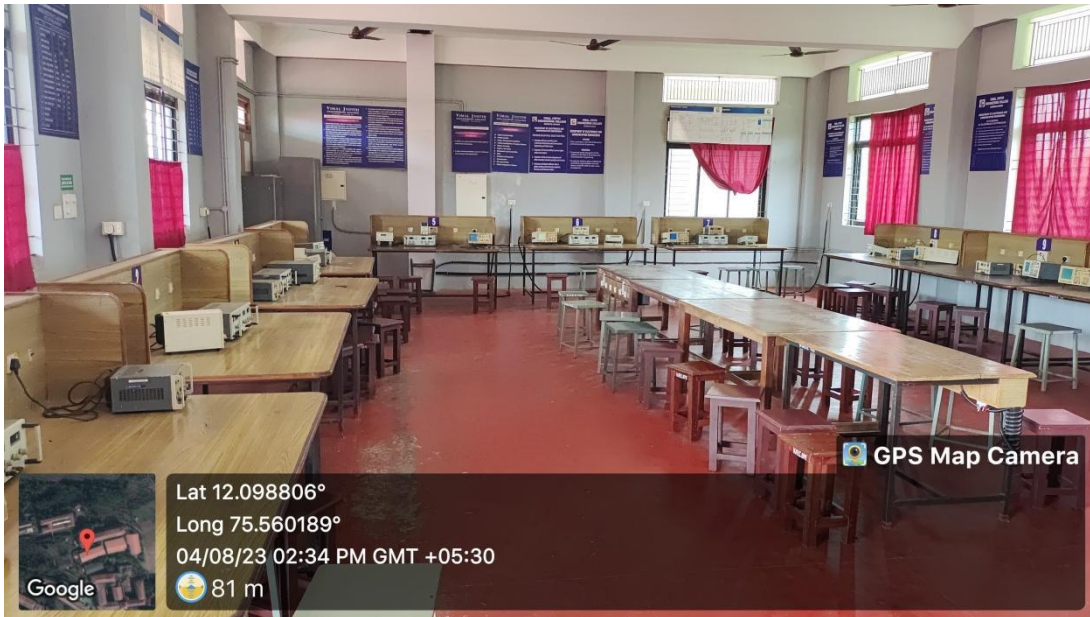
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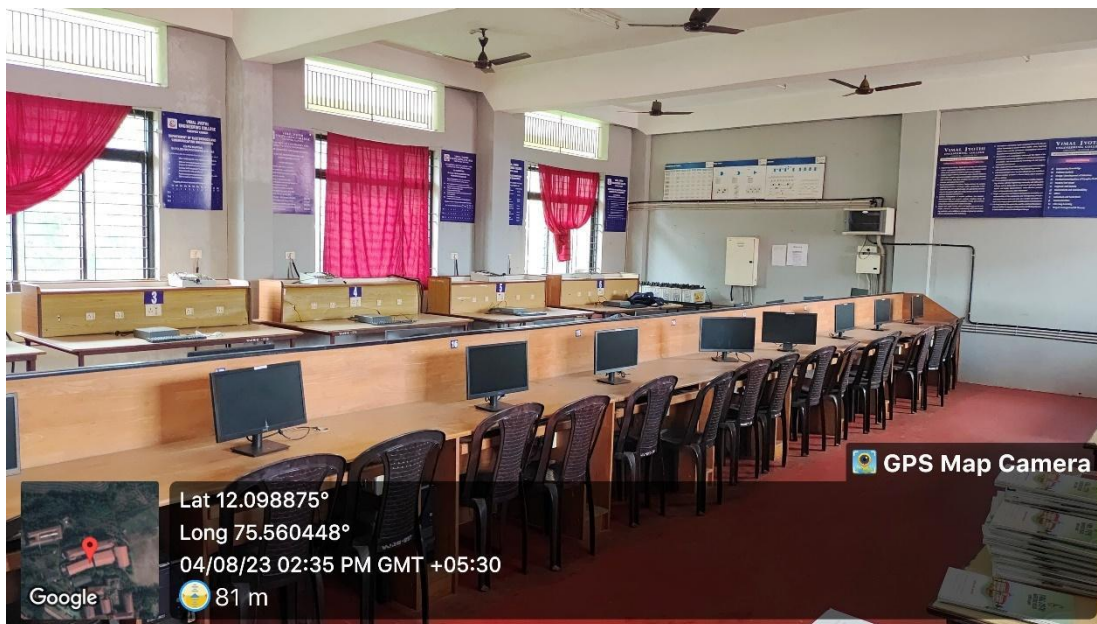
Criterion: 4.1.1

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING(ECE)

### 23. Analog Electronics Laboratory



### 24. Digital Electronics Laboratory





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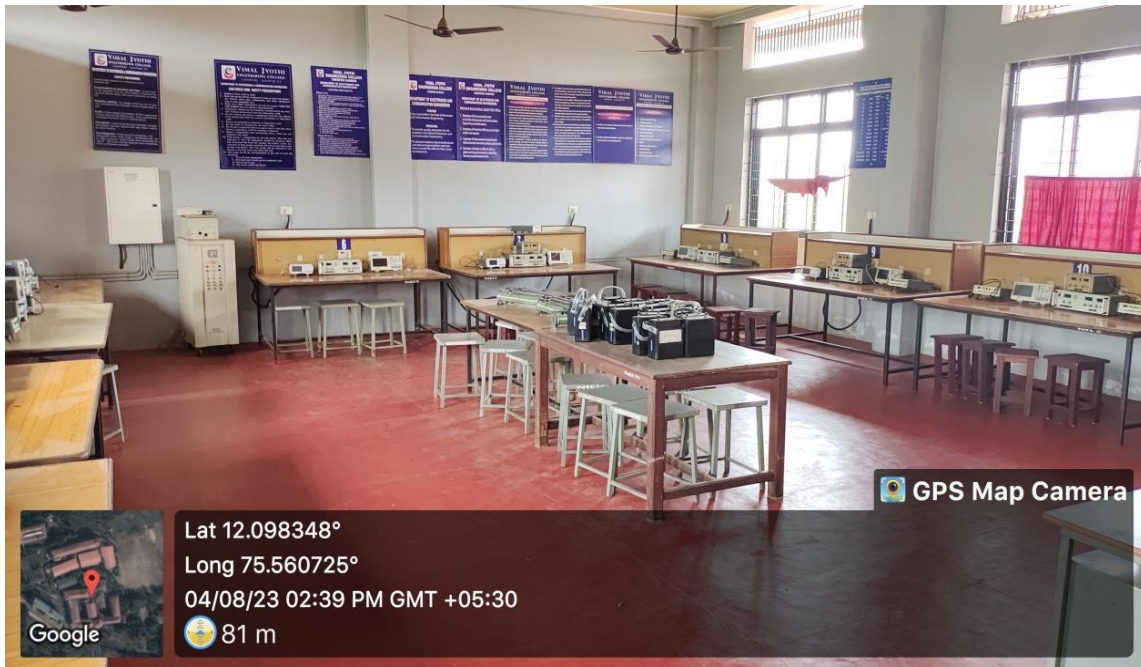
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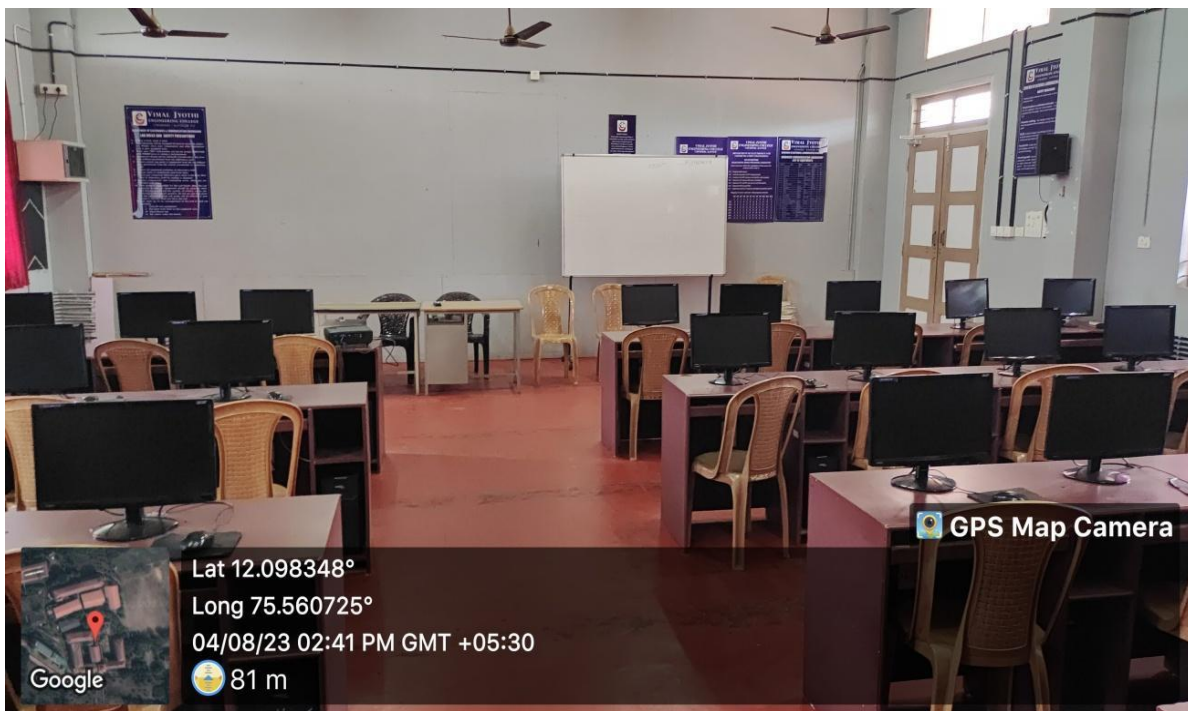
NAAC Cycle 2

Criterion: 4.1.1

## 25. Communication Engineering Laboratory



## 26. Advanced Communication Engineering







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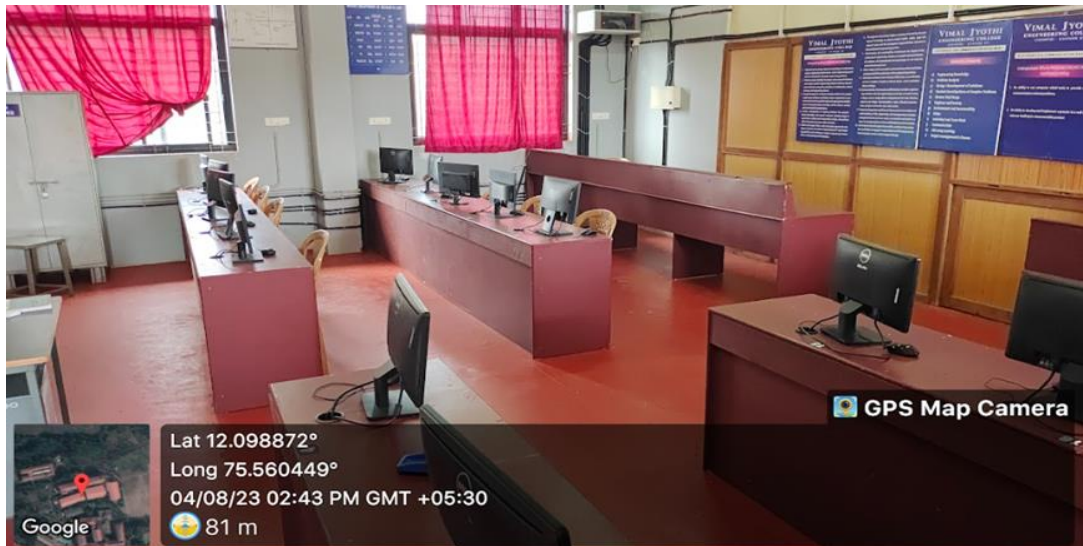
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NAAC Cycle 2

Criterion: 4.1.1

## 27. Research Lab/Project Lab



## DEPARTMENT OF CIVIL ENGINEERING (CE)

## 28. Engineering Geology Lab





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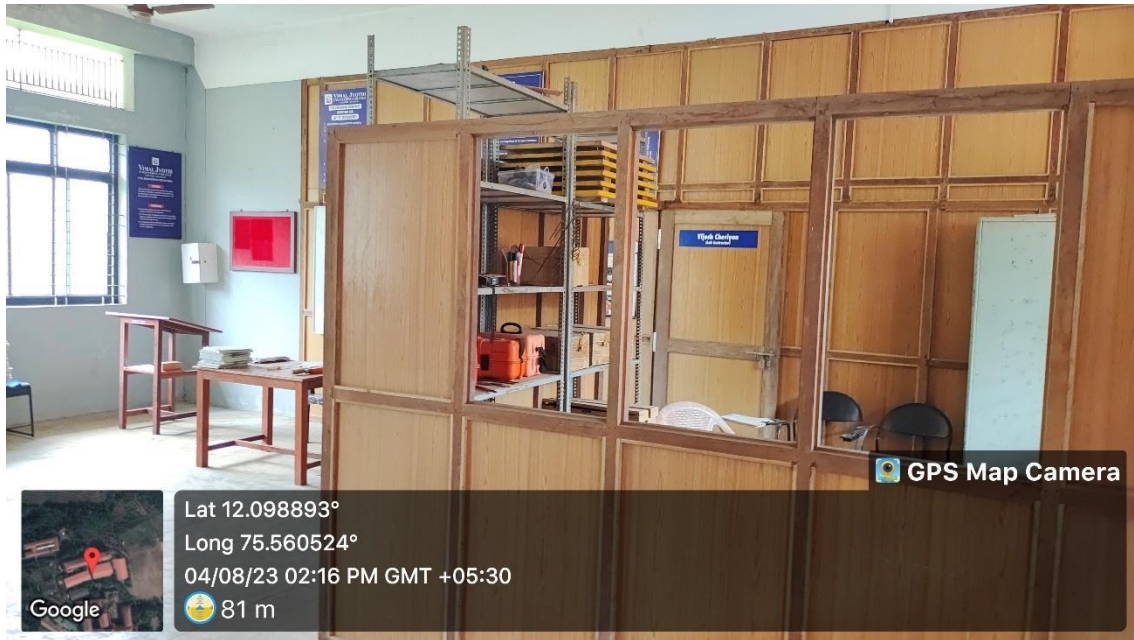
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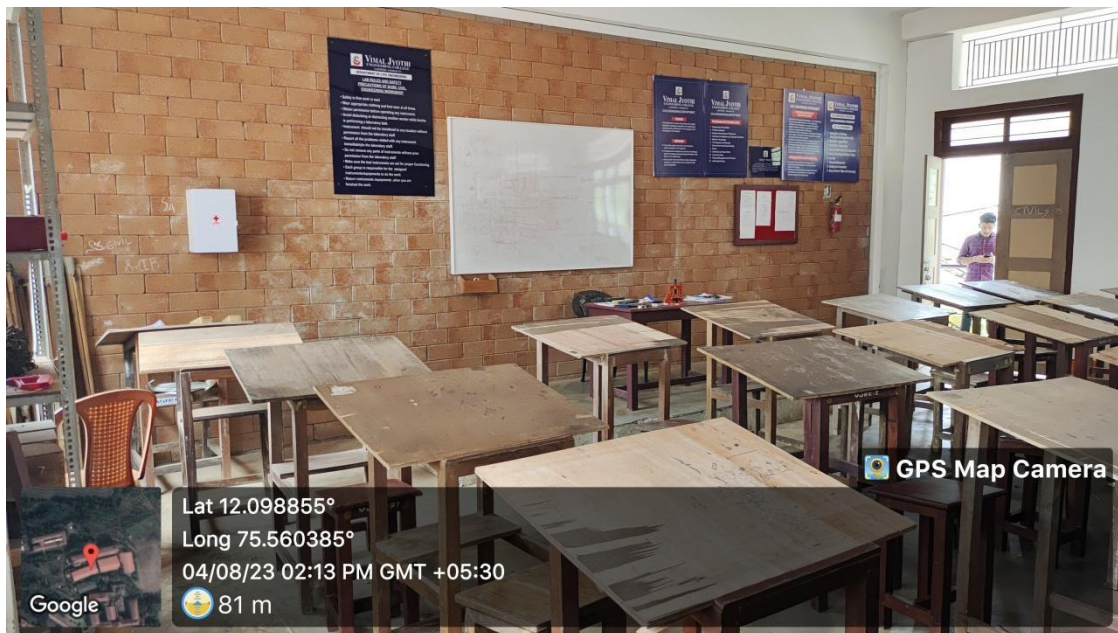
NAAC Cycle 2

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## 29. Survey Lab



## 30. Virtual Reality Lab/Advanced Survey Lab





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## 31.Engineering Mechanics Lab



## 32.Geotech and Transportation Engineering Lab





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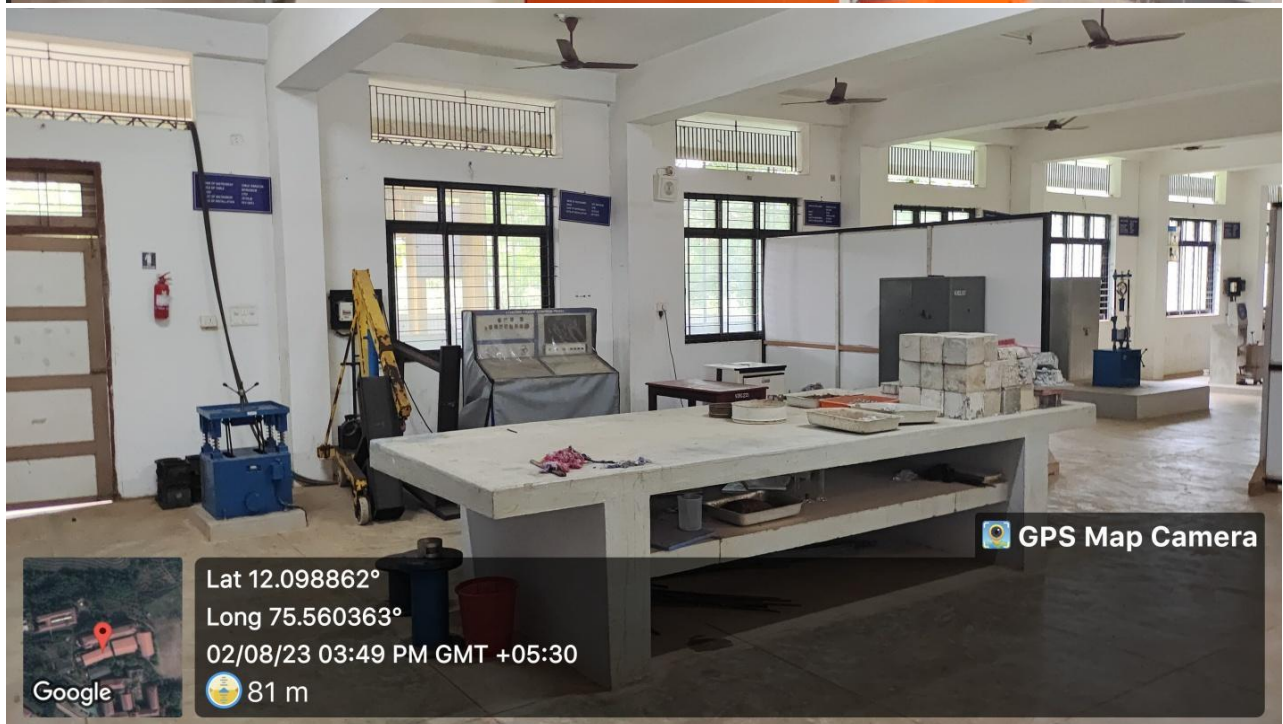
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NAAC Cycle 2

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## 33.SM Materials Testing and Concrete Lab





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## 34.Environmental Engineering Lab



## 35.Advanced Design Lab





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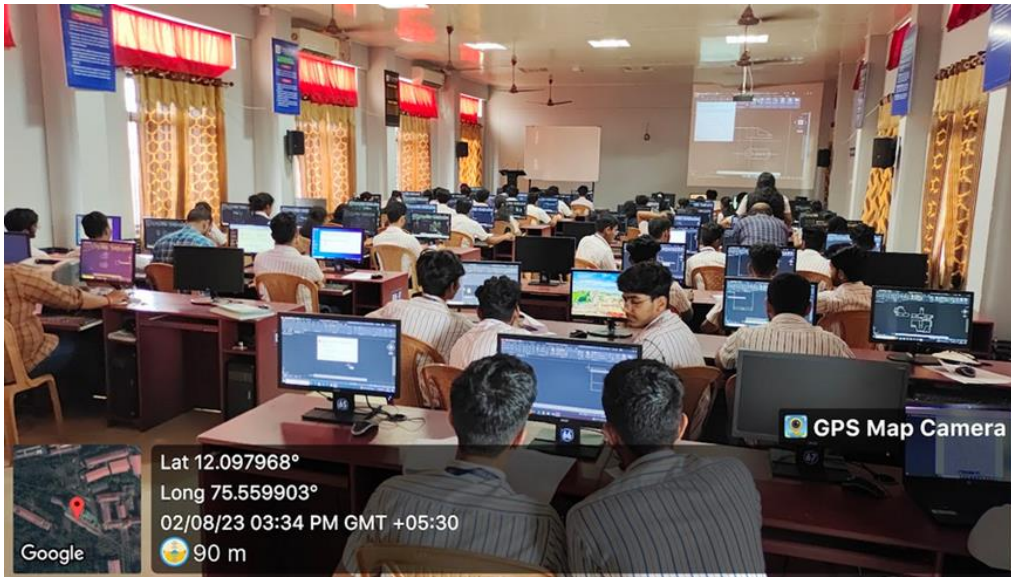
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## DEPARTMENT OF MECHANICAL ENGINEERING LAB (ME)

### 36.CAD LAB



### 37.Manufacturing Technology Lab





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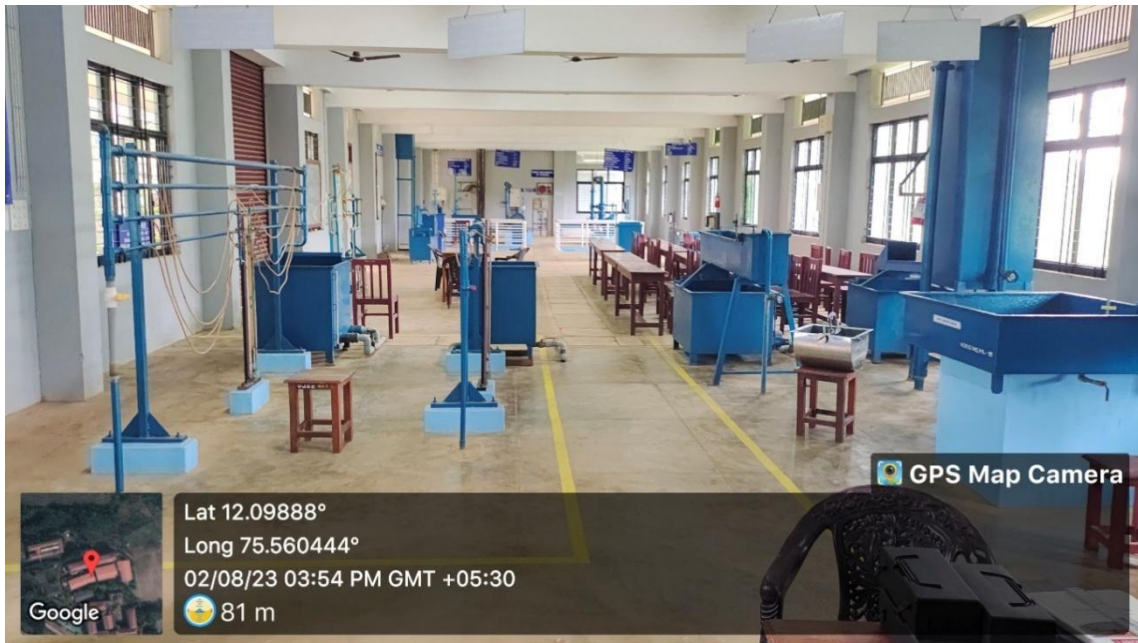
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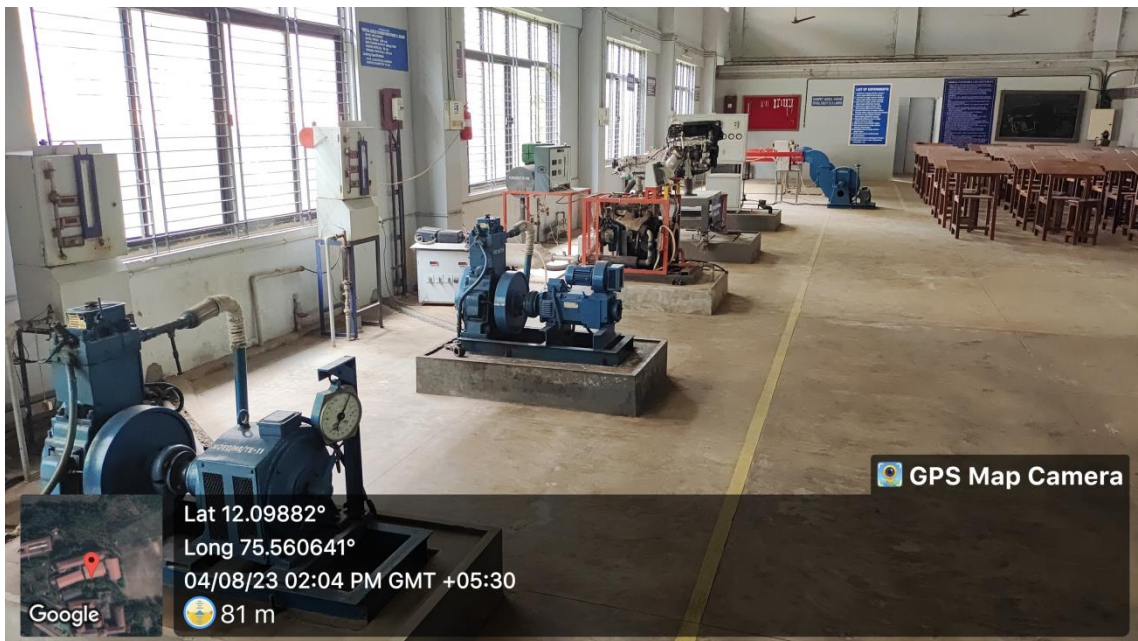
NAAC Cycle 2

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## 38.Fluid mechanics and machine lab



## 39.Thermal Engineering Lab





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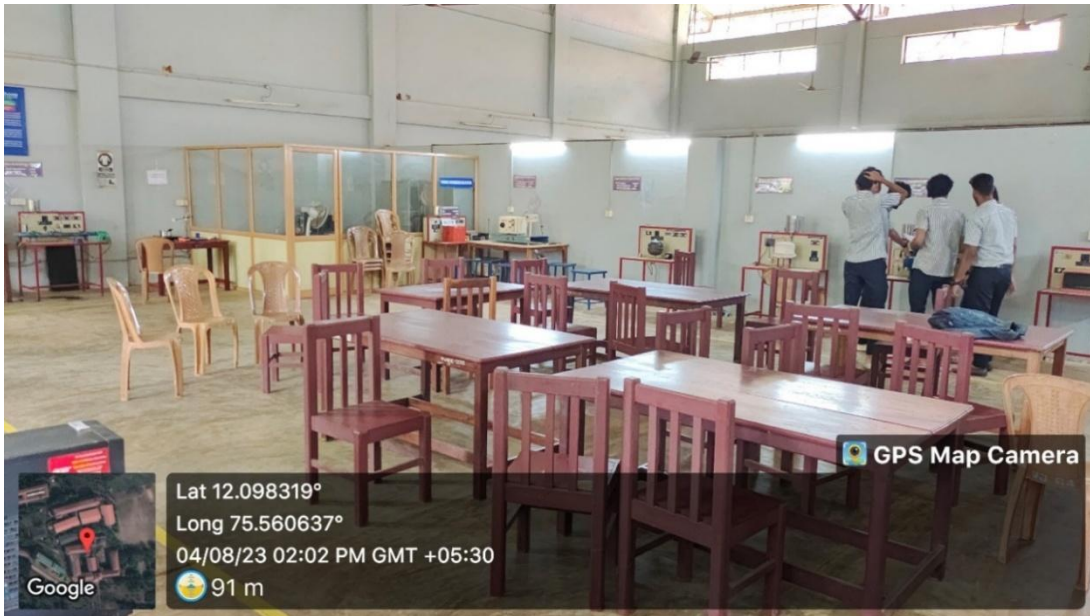
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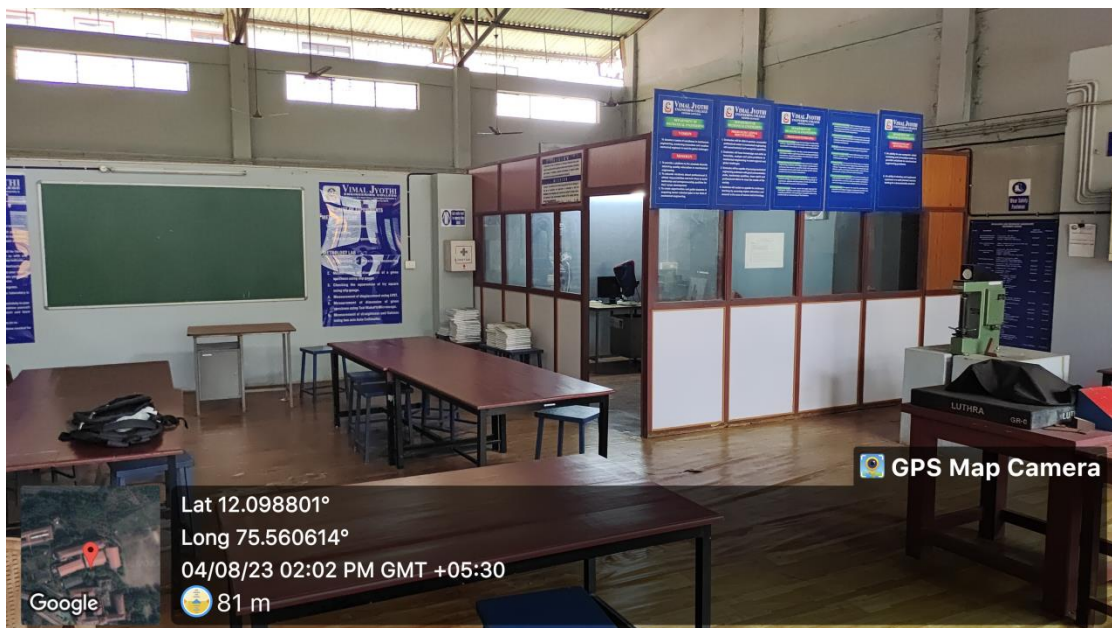
NAAC Cycle 2

Criterion: 4.1.1

## 40.HMT lab



## 41.Metallurgy and Metrology Lab







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NAAC Cycle 2

Criterion: 4.1.1

## 42.CNC LAB



## DEPARTMENT OF APPLIED SCIENCE AND HUMANITIES (ASH)

## 43.Chemistry Lab





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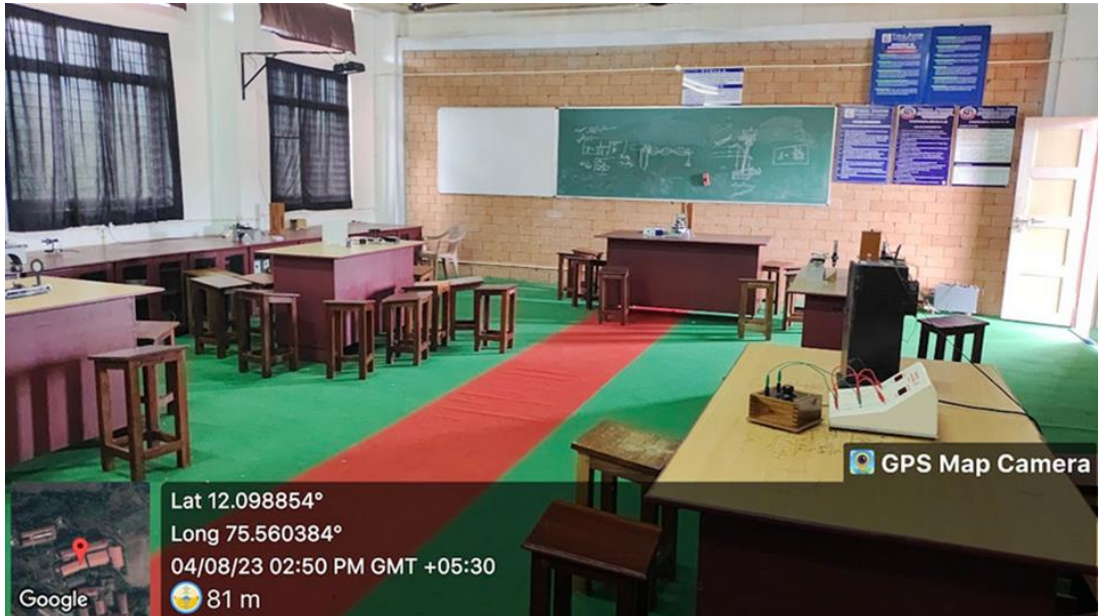
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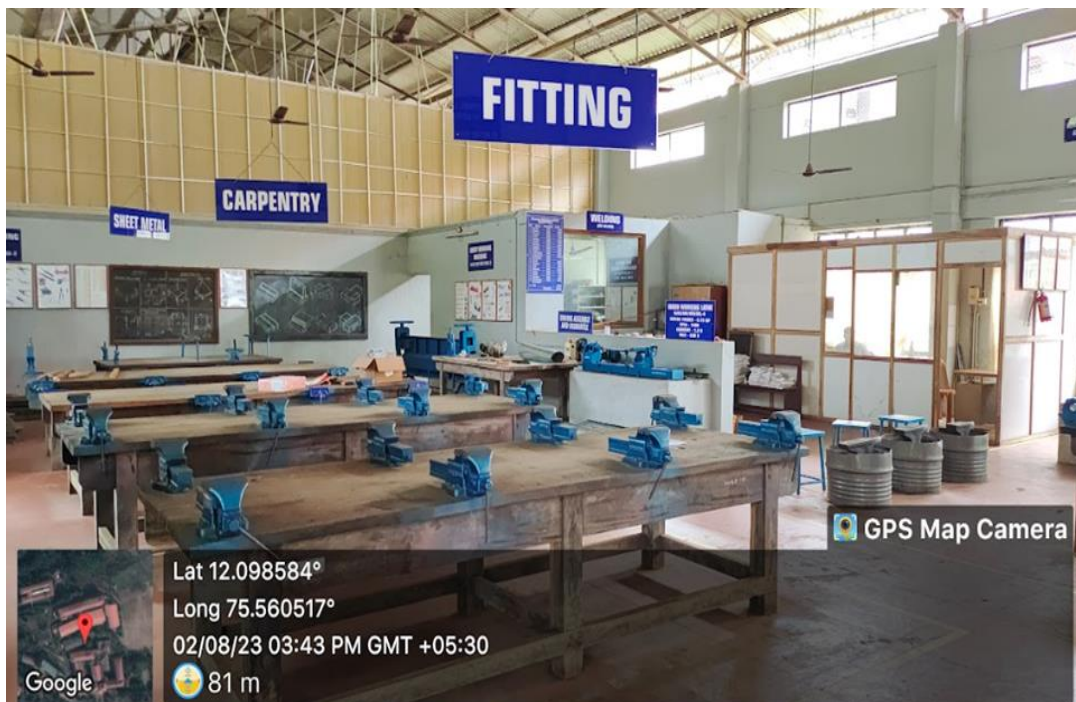
Criterion: 4.1.1

## 44. Physics Lab



## WORKSHOPS

### MECHANICAL WORKSHOP





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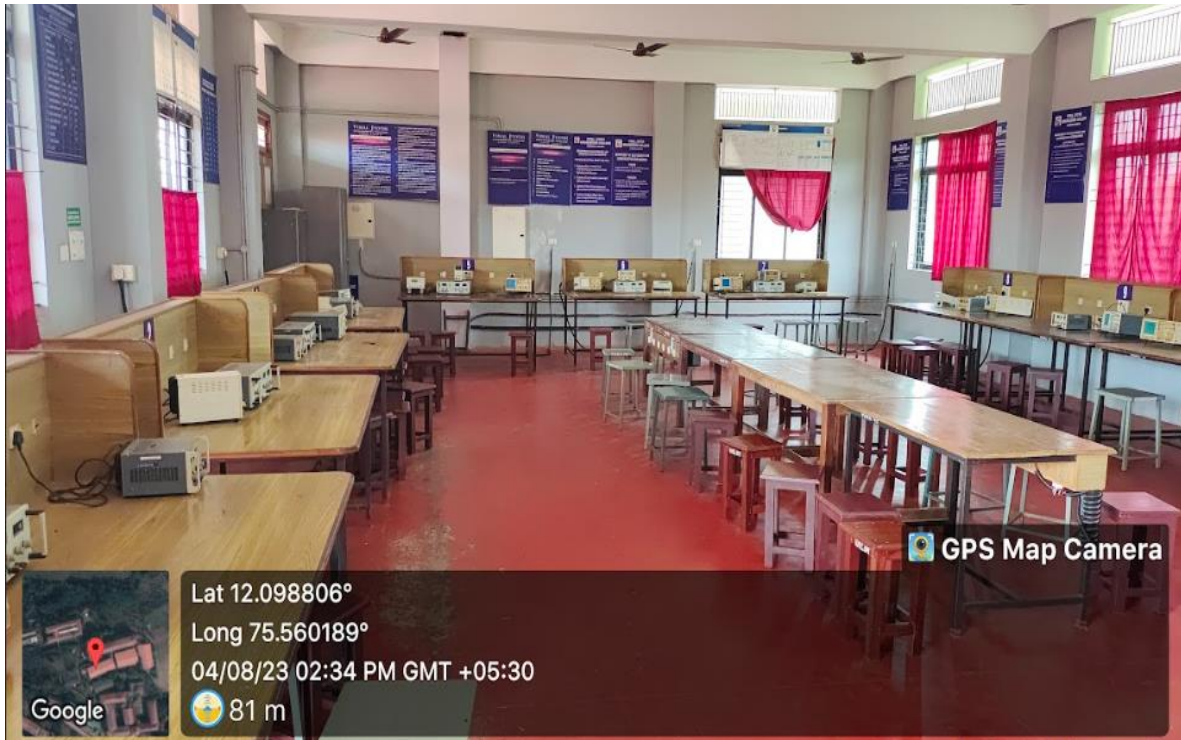
NAAC Cycle 2

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## ELECTRICAL WORKSHOP



## ELECTRONICS WORKSHOP





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