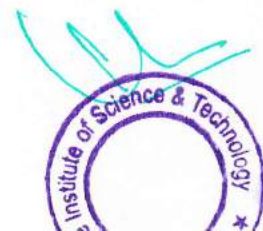


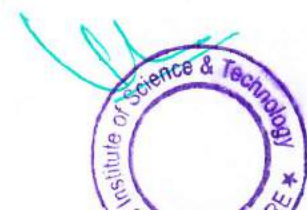
4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

## Table of Contents

Declaration by Head of Institute for Adequacy of Infrastructure and physical facilities for teaching-learning as per Statutory Body.....	5
Detail of 36 Classroom with Room Nos. and Dimensions.....	6
Geotagged Photo of 36 Classroom with computer, Projector and Wi-Fi.....	7
Class Room 2 .....	7
Class Room 3 .....	7
Class Room 4 .....	7
Class Room 5 .....	8
Class Room 6 .....	8
Class Room 7 .....	8
Class Room 8 .....	9
Class Room 9 .....	9
Class Room 10 .....	9
Class Room 11 .....	10
Class Room 12 .....	10
Class Room 13 .....	10
Class Room 14 .....	11
Class Room 15 .....	11
Class Room 16 .....	11
Class Room 17 .....	12
Class Room 18 .....	12
Class Room 19 .....	12
Class Room 22 .....	13
Class Room 24 .....	14
Class Room 25 .....	14
Class Room 26 .....	15
Class Room 27 .....	15
Class Room 28 .....	15
Class Room 29 .....	16

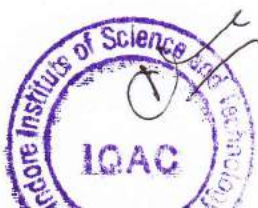


Class Room 30.....	16
Class Room 32.....	17
Class Room 33.....	17
Class Room 37.....	17
Class Room 38.....	18
Class Room 39.....	18
<b>Detail of 53 Laboratories with Room Nos. and Dimensions.....</b>	<b>19</b>
<b>Geotagged Photo of Mechanical Department Laboratories.....</b>	<b>21</b>
Workshop – I.....	21
Workshop- II.....	21
Strength of Material Lab.....	22
Dynamics of Machine Lab.....	22
Thermal Engineering Lab.....	23
Engineering Graphics Lab.....	23
Computer Integrated Manufacturing Lab.....	24
CAE Lab.....	24
Turbo Machine Lab.....	25
Basic Mechanical Engg Lab.....	25
IC- Engine Lab.....	25
Fluid Mechanics Lab.....	26
Heat and Mass Transfer Lab.....	26
Refrigeration & Air Conditioning Lab.....	27
Theory of Machine Lab.....	27
<b>Geotagged Photo of Civil Department Laboratories.....</b>	<b>28</b>
Geo Technical Engineering Lab.....	28
Theory of Structure Lab.....	28
Basics Civil Engineering Lab.....	29
Fluid Mechanics Lab.....	29
CMT and Highway Engineering Lab.....	30
<b>Geotagged Photo of Electronics and Communication Department Laboratories.....</b>	<b>31</b>
e- Yantra Robotics Lab.....	31
Optical Communication Lab.....	31
Project -1 Lab.....	32

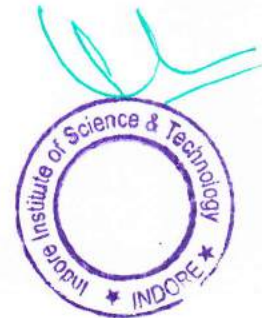




MATLAB Lab.....	32
Network Analysis Lab .....	33
Basic Electrical & Electronics Engg. Lab .....	33
Robotics club lab.....	34
Software Lab.....	34
Electronic Device & Circuit Lab.....	34
VLSI Lab.....	35
Geotagged Photo of ESH Department Laboratories.....	36
Physics lab.....	36
Chemistry Lab .....	36
Language Lab.....	37
Communication Lab-II .....	37
Geotagged Photo of Chemical Engineering Department Laboratories.....	38
CRE Lab.....	38
Mass Transfer Lab.....	38
Fluid Particles Mechanics Lab.....	39
Instrumentation Lab .....	39
Geotagged Photo of CS / IT / AIML Department Laboratories.....	40
Computer Lab 01.....	40
Computer Lab 02.....	40
Computer Lab 03.....	41
Computer Lab 04.....	41
Computer Lab 05.....	42
Computer Lab 07.....	42
Basic Computer Engineering Lab .....	43
AIML Lab (Computer Lab – 08 & 09).....	43
Internet Lab.....	44
iOS Lab.....	44
IoT Lab.....	45
Android Lab.....	45
Geotagged Photo of Incubation Facility .....	46
CARE Lab .....	46
List of License Software.....	47

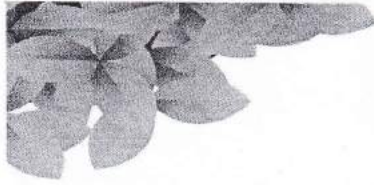


List of lab equipment and computing facilities of CS / IT / AIML Department .....	49
List of lab equipment and computing facilities of ECE Department .....	51
List of lab equipment and computing facilities of ME/CE/CM and ESH Department.....	52
List of lab equipment and computing facilities of Civil Engineering Department.....	53
List of lab equipment and computing facilities of Mechanical Engineering Department.....	65
Facilities Available for Academic Activities.....	69
Auditorium -I .....	69
Auditorium -II.....	69
Open Stage.....	70
Seminar Hall - I.....	70
Seminar Hall -II.....	71
Seminar Hall- III.....	71
Conference Hall - I.....	72
Conference Hall - II.....	72





## Declaration by Head of Institute for Adequacy of Infrastructure and physical facilities for teaching-learning as per Statutory Body.



**Indore Institute of  
Science & Technology**


Affiliated to - RGPV (Bhopal) & Approved by - AICTE (New Delhi)

IIST/Dec.-23/03

Date: 07.12.2023

### *Declaration*

*This is to certify that the Indore Institute of Science and Technology, Indore (M.P.) is following all rules and regulations as prescribed by statutory bodies (AICTE). The institution has adequate infrastructure and physical facilities for teaching determined by Affiliation University.*

  
Dr. Keshav Patidar  
Principal,  
IIST, Indore  
Principal

Indore Institute of Science  
and Technology, Indore



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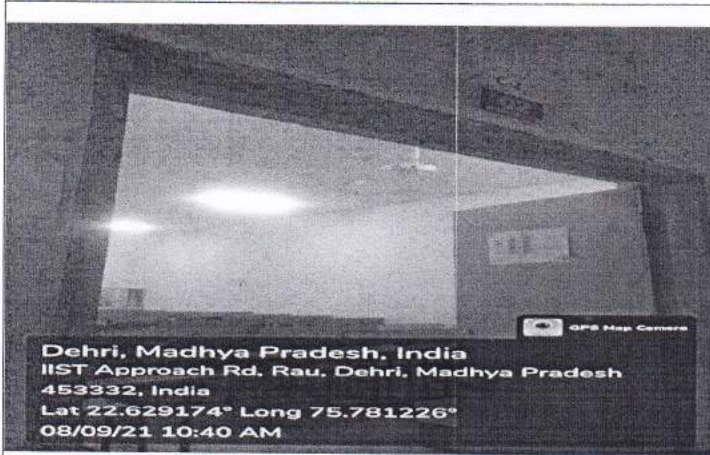
## Detail of 36 Classroom with Room Nos. and Dimensions

S. No.	Floor & Block	Classroom No.	Length (m)	Breadth (m)	Area (sq.m)
1	G - C	C-39	12.47	5.92	74
2	1 <sup>ST</sup> - A	C-8	12.63	6.15	78
3	1 <sup>ST</sup> - A	C-7	12.67	5.88	74
4	1 <sup>ST</sup> - A	C-2	12.57	5.89	74
5	1 <sup>ST</sup> - A	C-3	12.65	6.18	78
6	1 <sup>ST</sup> - A	C-4	12.67	6.06	77
7	1 <sup>ST</sup> - A	C-5	12.65	6.07	77
8	1 <sup>ST</sup> - A	C-6	12.65	6.07	77
9	1 <sup>ST</sup> - C	C-23	12.44	5.97	74
10	1 <sup>ST</sup> - C	C-17	12.53	6.08	76
11	1 <sup>ST</sup> - C	C-24	12.42	5.98	74
12	1 <sup>ST</sup> - C	C-18	12.55	5.96	75
13	1 <sup>ST</sup> - C	C-19	12.64	6.05	76
14	1 <sup>ST</sup> - C	C-20	12.63	6.16	78
15	1 <sup>ST</sup> - C	C-21	12.63	6.19	78
16	1 <sup>ST</sup> - C	C-22	12.68	6.04	77
17	2 <sup>ND</sup> - A	C-9	12.59	6.16	78
18	2 <sup>ND</sup> - A	C-10	12.57	5.89	74
19	2 <sup>ND</sup> - A	C-11	12.65	6.18	78
20	2 <sup>ND</sup> - A	C-12	12.67	6.06	77
21	2 <sup>ND</sup> - A	C-13	12.65	6.07	77
22	2 <sup>ND</sup> - A	C-14	12.65	6.07	77
23	2 <sup>ND</sup> - A	C-15	12.67	5.88	74
24	2 <sup>ND</sup> - A	C-16	12.63	6.15	78
25	2 <sup>ND</sup> - B	C-37	9.92	7.19	71
26	2 <sup>ND</sup> - B	C-38	9.92	7.17	71
27	2 <sup>ND</sup> - B	C-33	9.86	6.79	67
28	2 <sup>ND</sup> - B	C-34	9.92	7.19	71
29	2 <sup>ND</sup> - C	C-25	12.53	6.08	76
30	2 <sup>ND</sup> - C	C-26	12.55	5.96	75
31	2 <sup>ND</sup> - C	C-27	12.64	6.05	76
32	2 <sup>ND</sup> - C	C-28	12.63	6.16	78
33	2 <sup>ND</sup> - C	C-29	12.63	6.19	78
34	2 <sup>ND</sup> - C	C-30	12.68	6.04	77
35	2 <sup>ND</sup> - C	C-31	12.44	5.97	74
36	2 <sup>ND</sup> - C	C-32	12.42	5.98	74

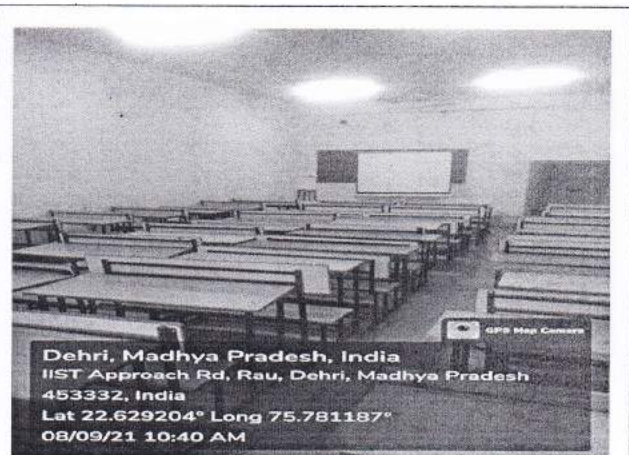




**Geotagged Photo of 36 Classroom with computer, Projector and Wi-Fi**



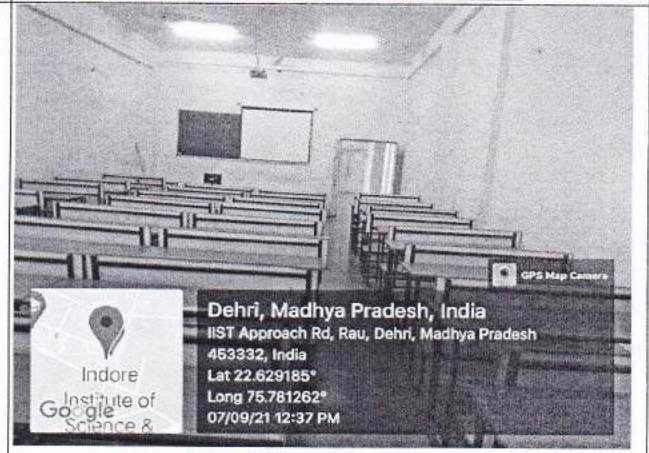
**Class Room 2**



Inside view Room no 2



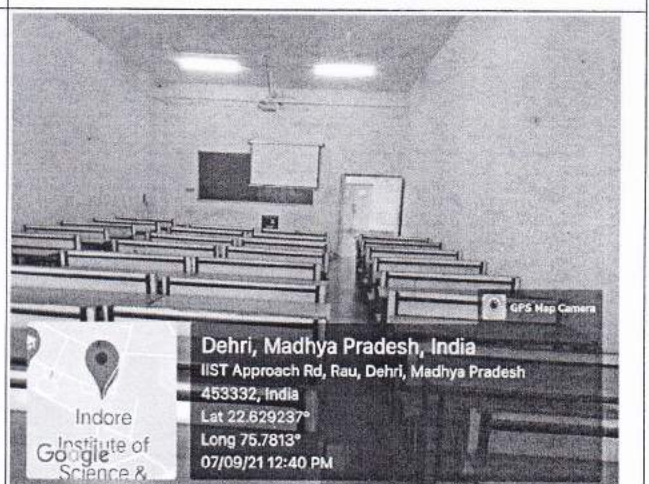
**Class Room 3**



Inside View Room no 3

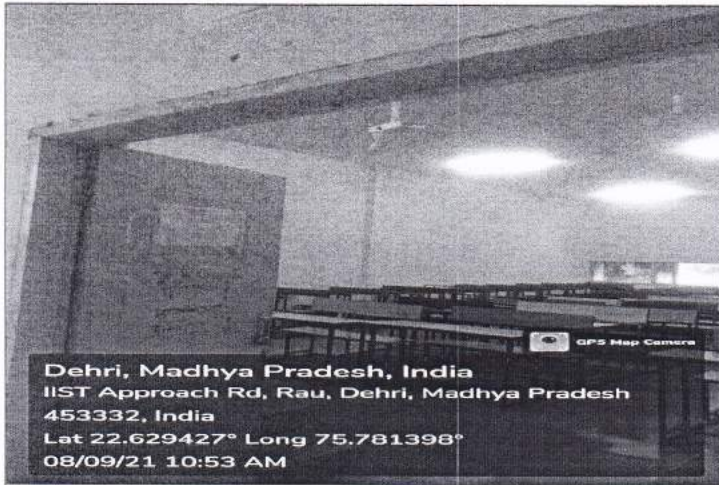


**Class Room 4**

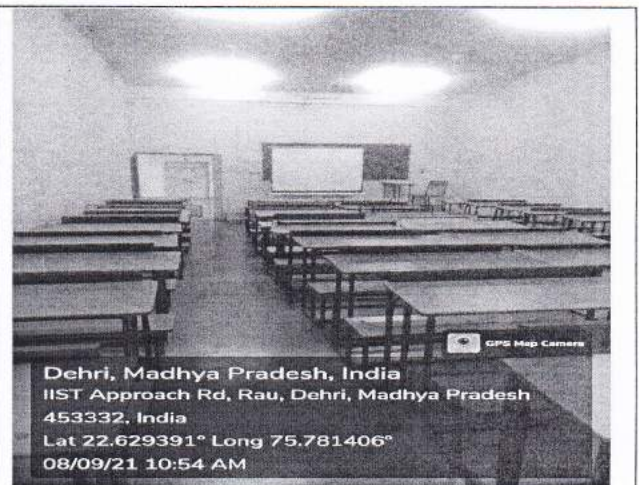


Inside View Room no 4

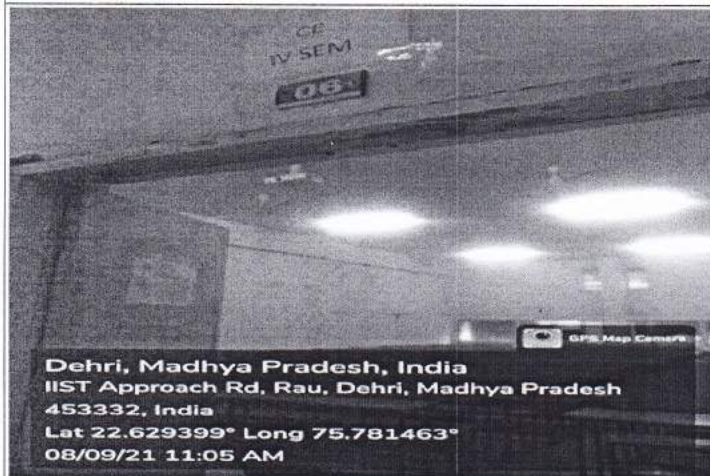




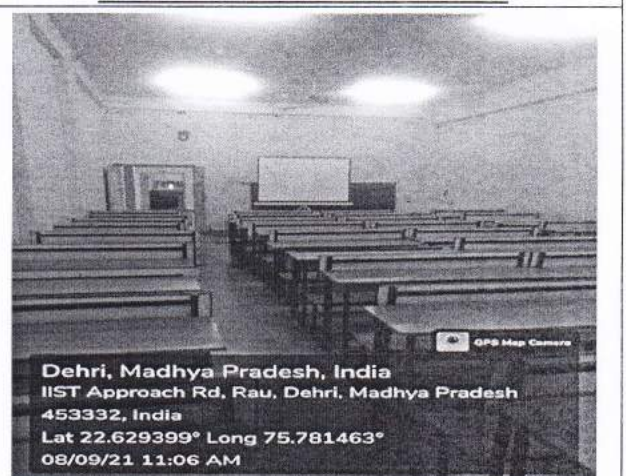
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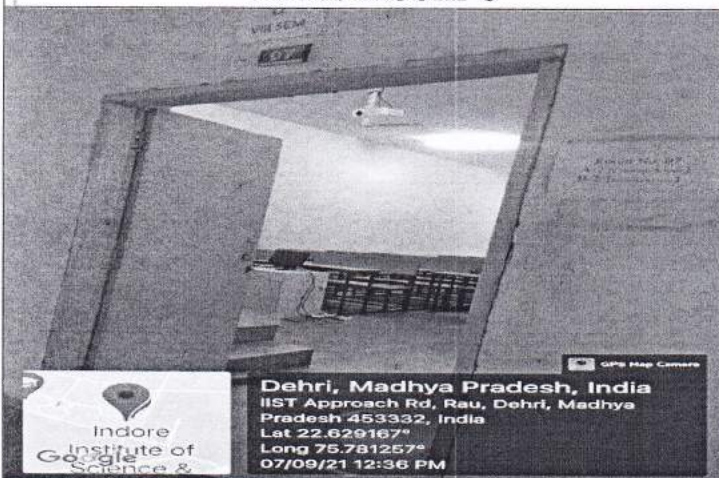
Inside view Room no 5



**Class Room 6**



Inside View Room no 6

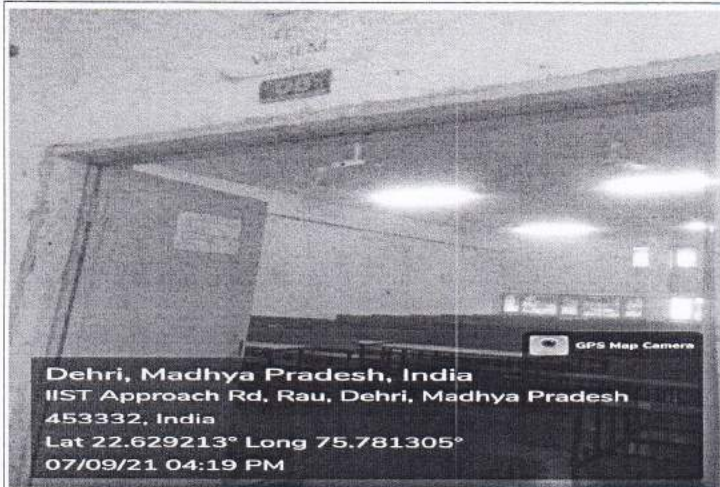


**Class Room 7**

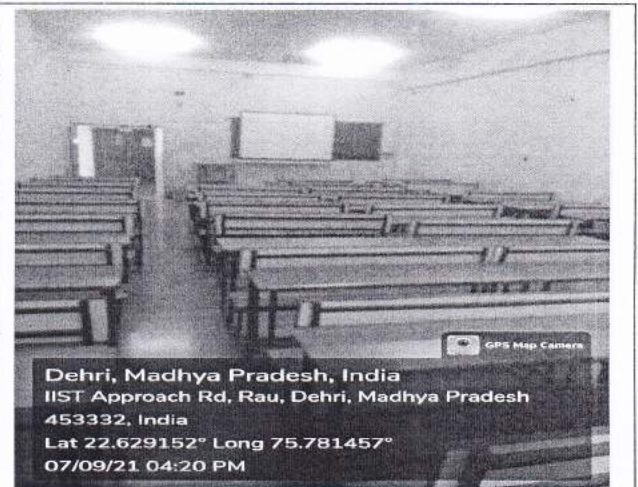


Inside View Room no 7

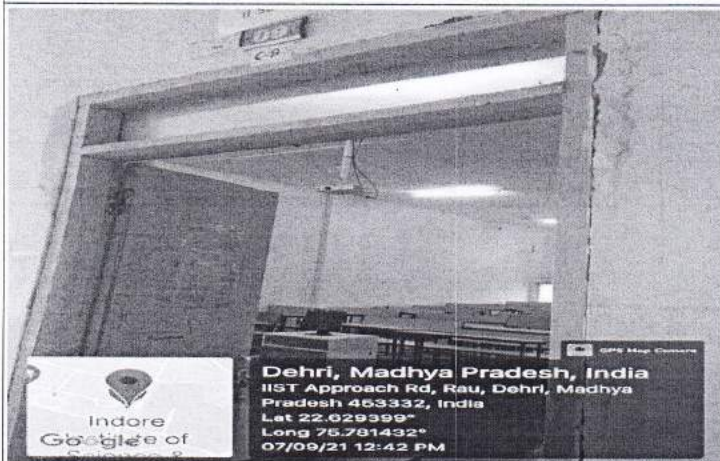




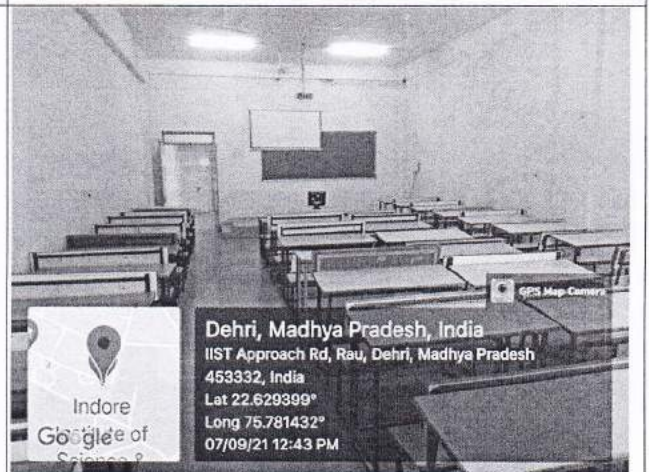
**Class Room 8**



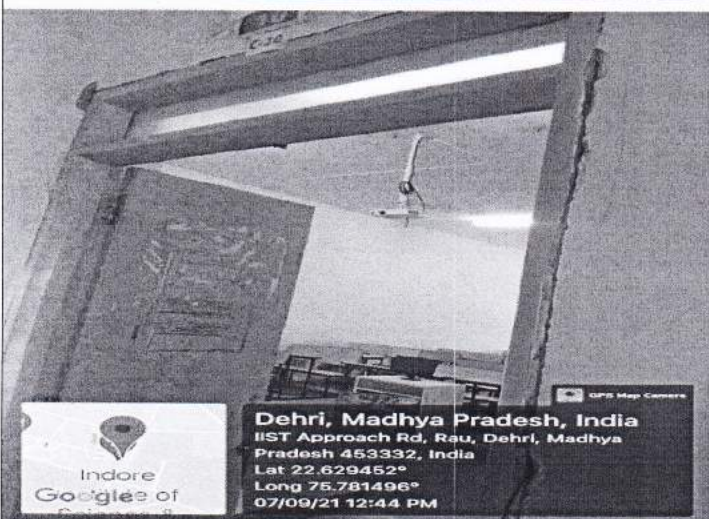
Inside view Room no 8



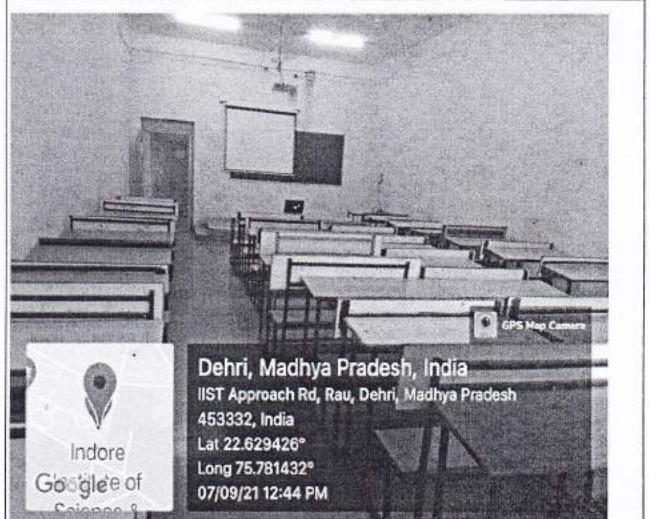
**Class Room 9**



Inside View Room no 9

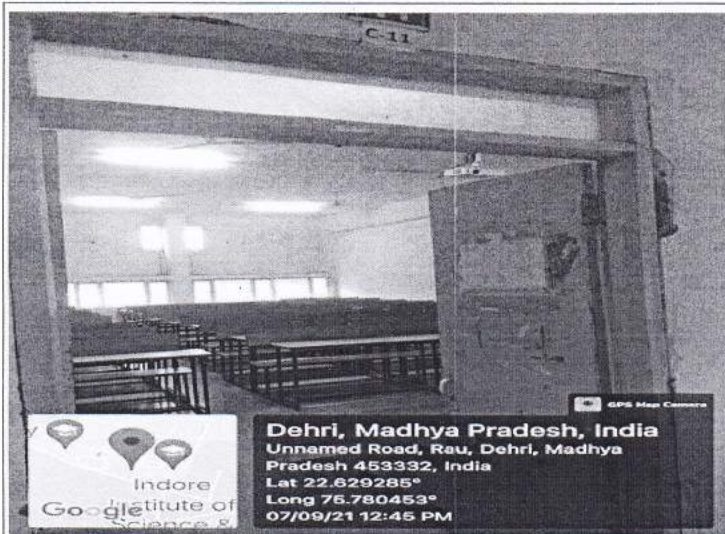


**Class Room 10**

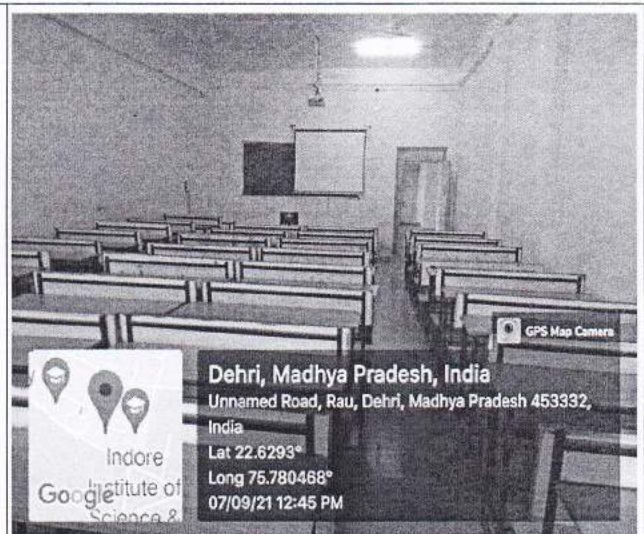


Inside View Room no 10

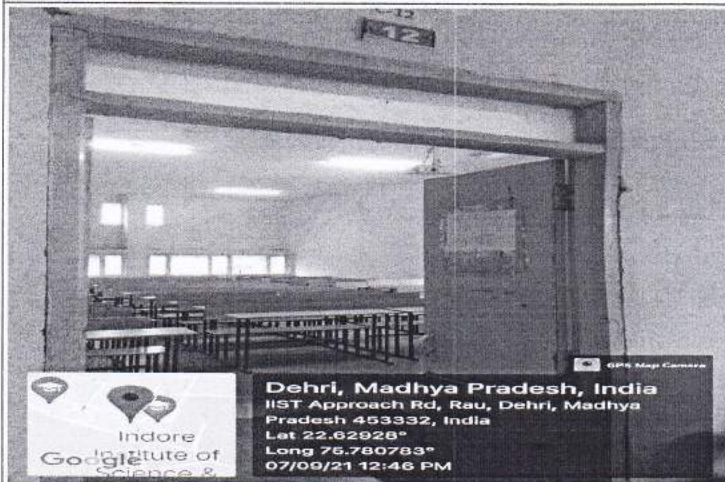




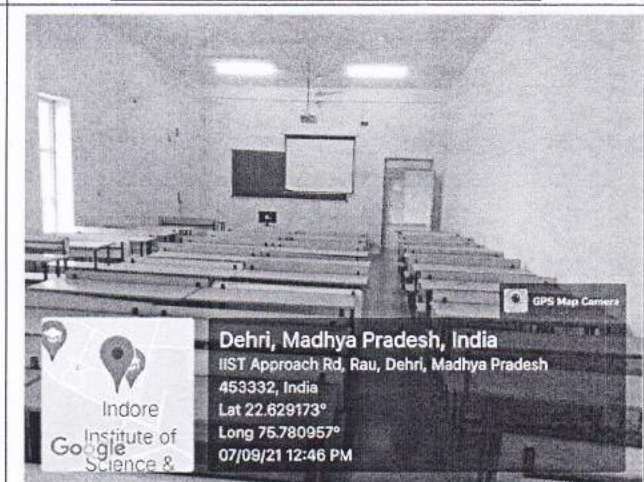
**Class Room 11**



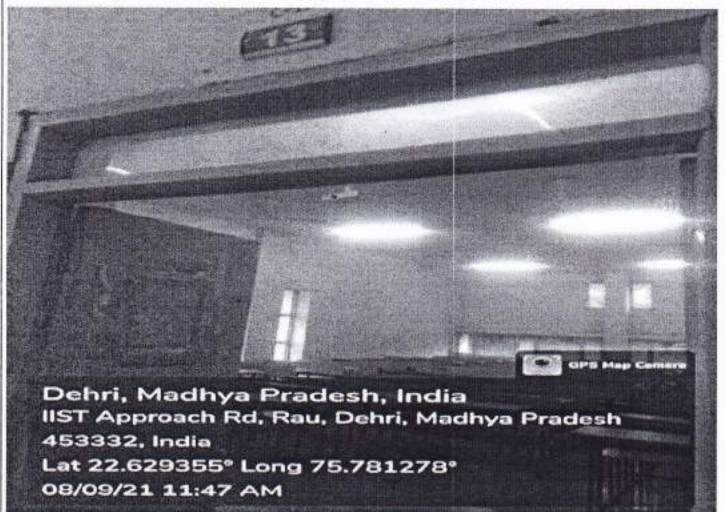
**Inside view Room no 11**



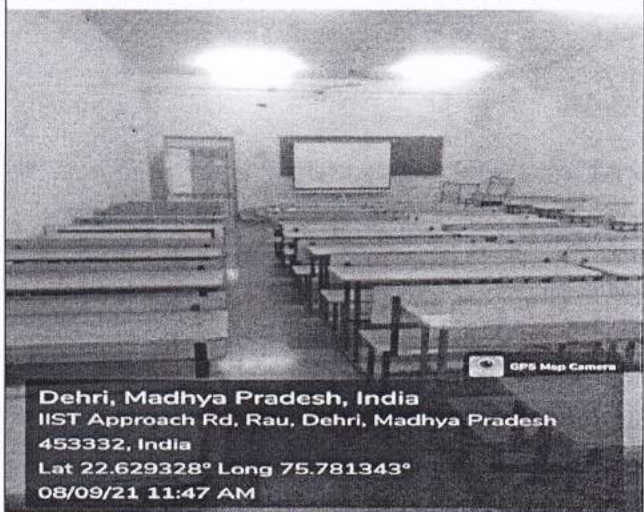
**Class Room 12**



**Inside View Room no 12**

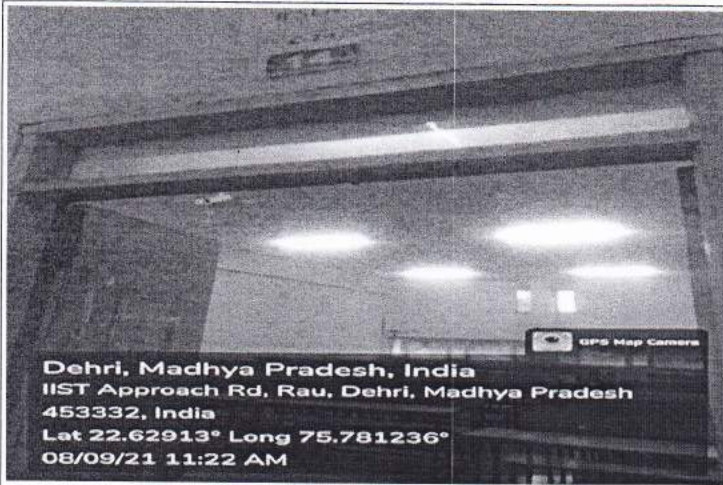


**Class Room 13**

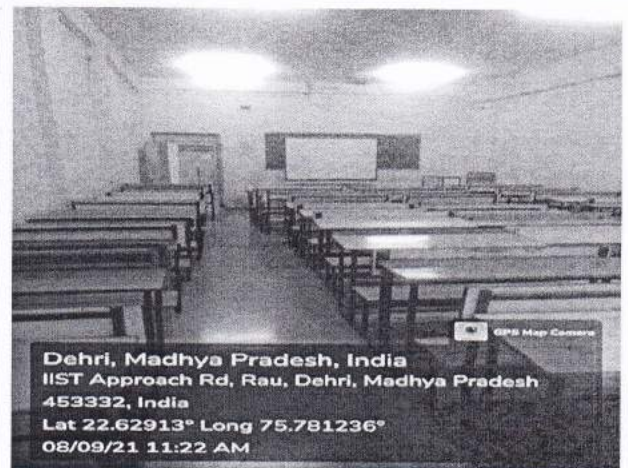


**Inside View Room no 13**

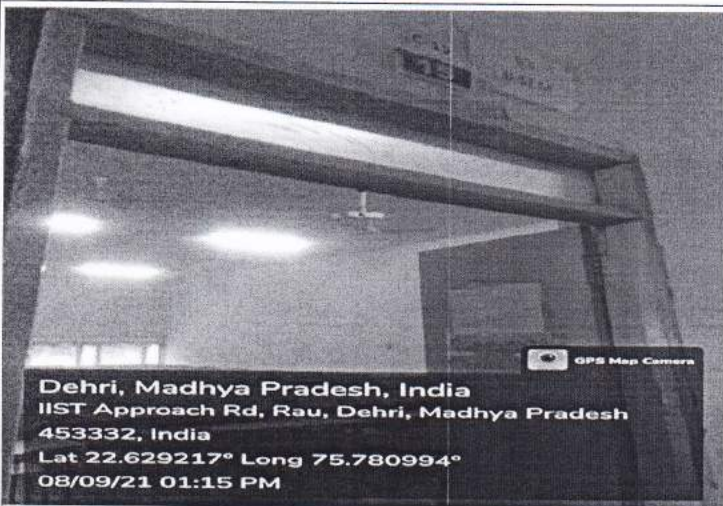




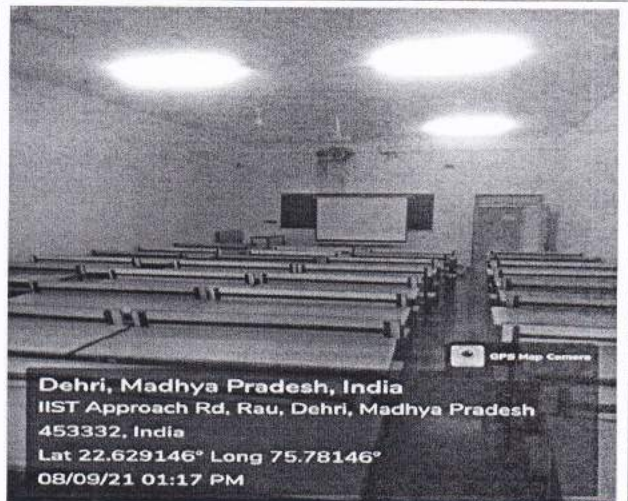
**Class Room 14**



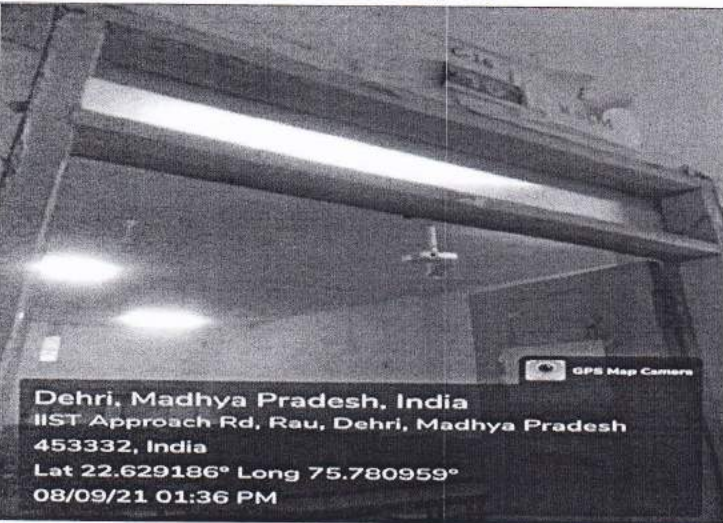
Inside view Room no 14



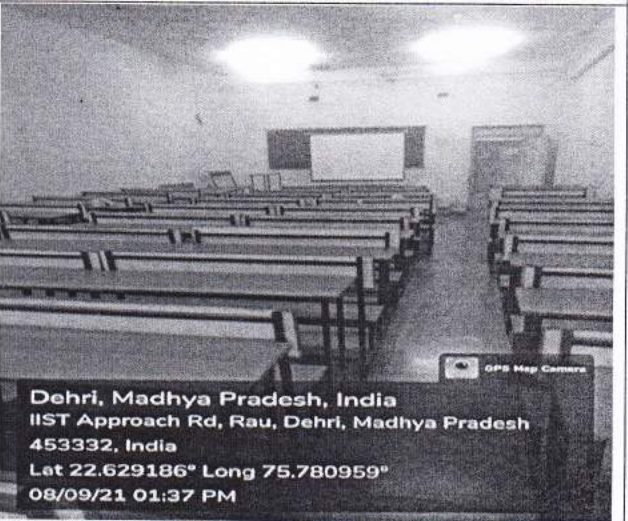
**Class Room 15**



Inside View Room no 15

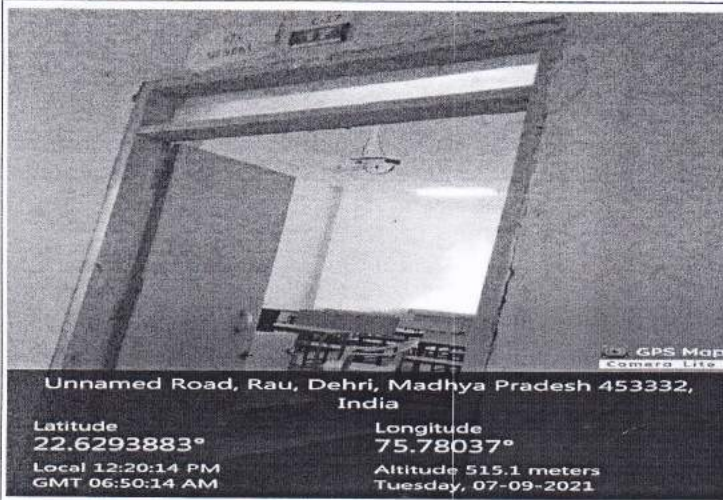


**Class Room 16**

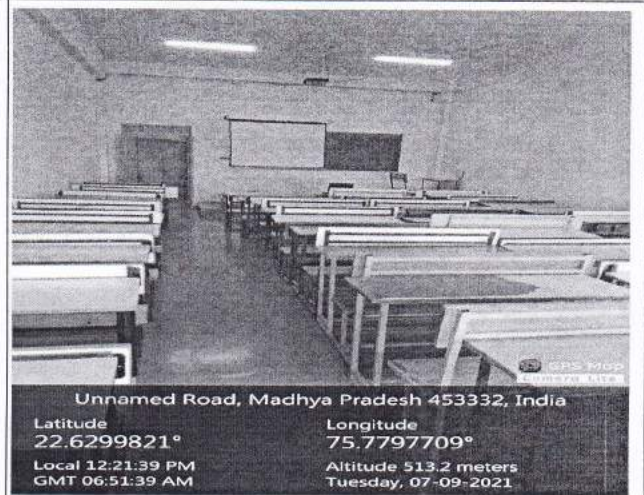


Inside View Room no 16





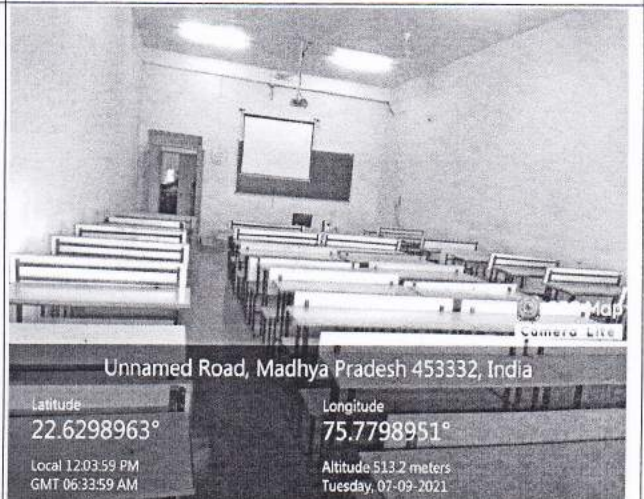
**Class Room 17**



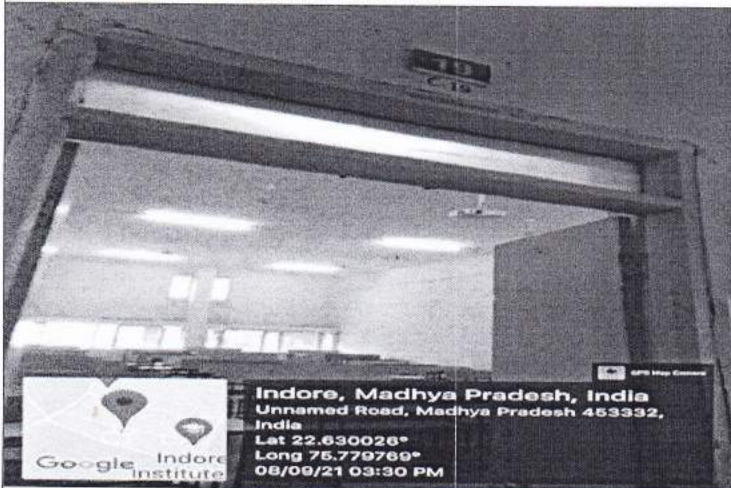
**Inside view Room no 17**



**Class Room 18**



**Inside View Room no 18**

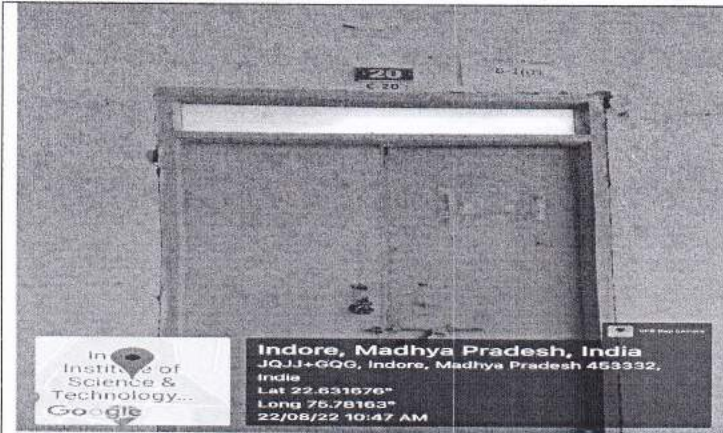


**Class Room 19**



**Inside View Room no 19**

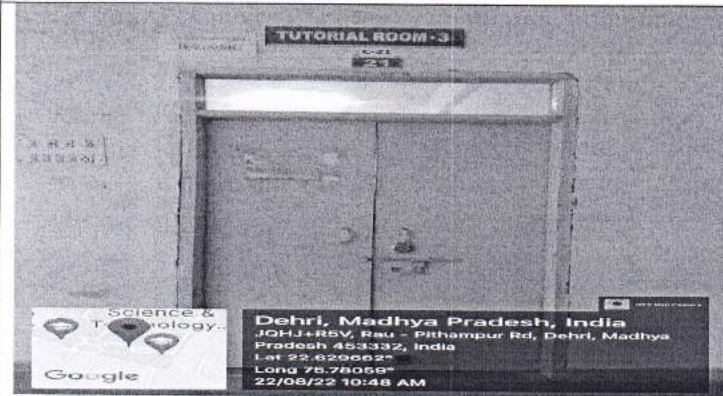




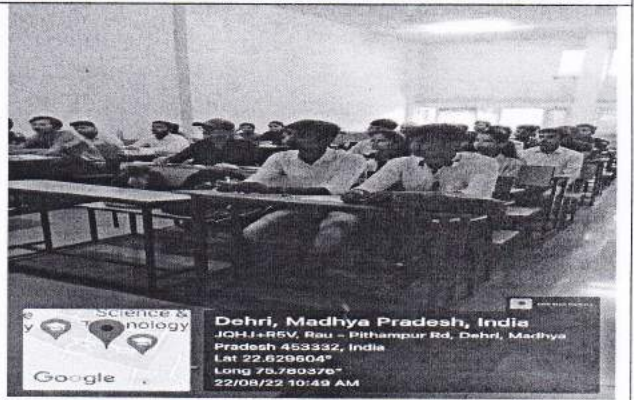
**Class Room 20**



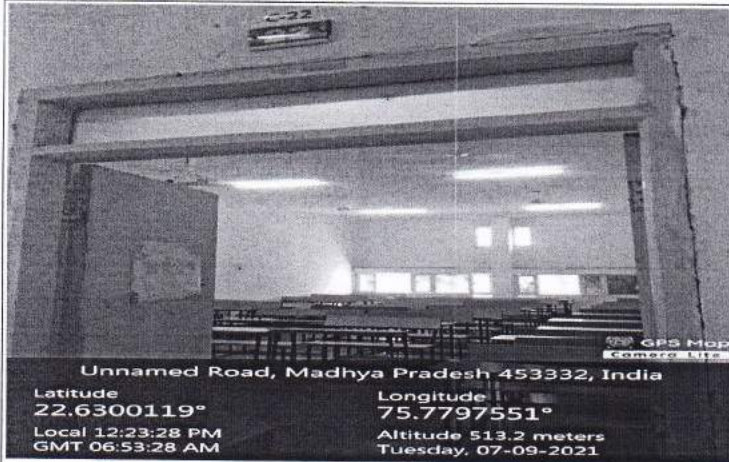
**Inside view Room no 20**



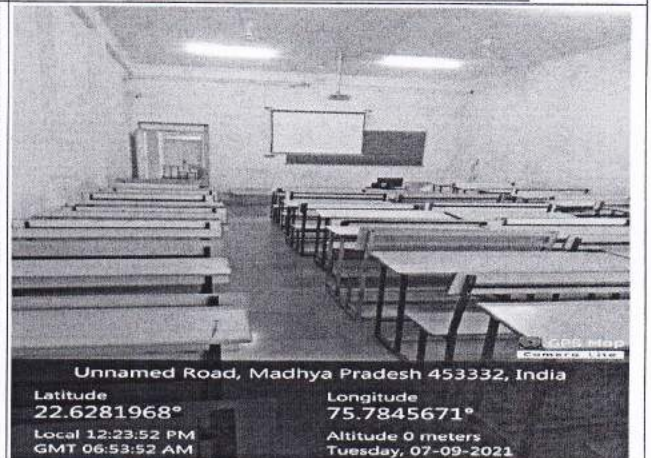
**Class Room 21**



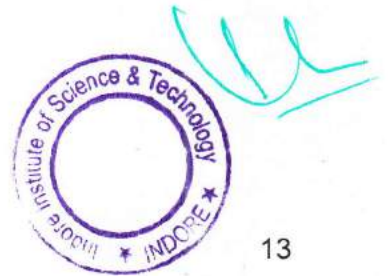
**Inside View Room no 21**



**Class Room 22**



**Inside View Room no 22**



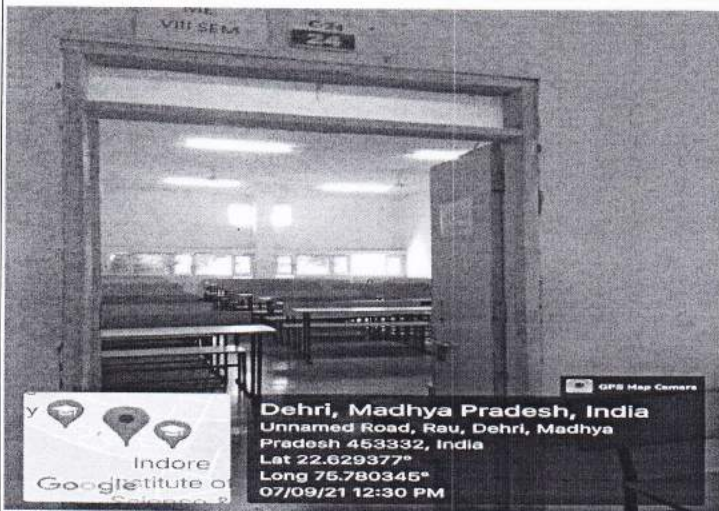




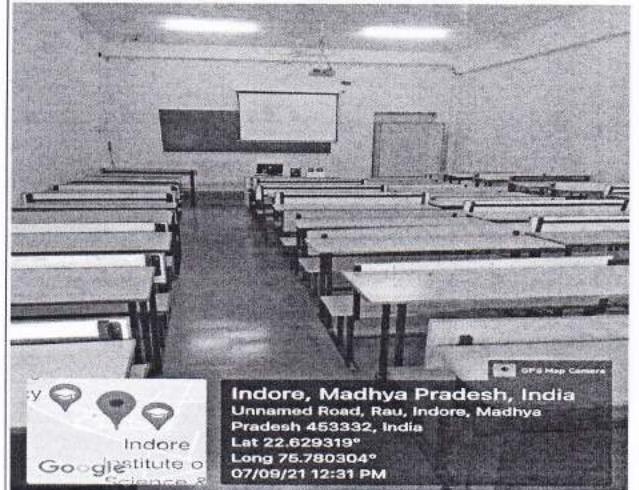
**Class Room 23**



Inside view Room no 23



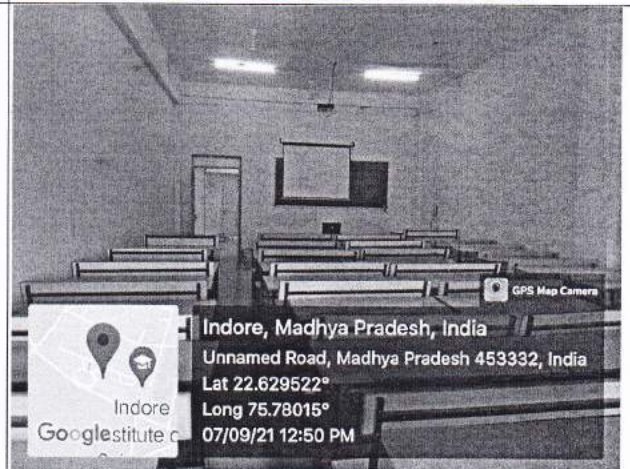
**Class Room 24**



Inside View Room no 24

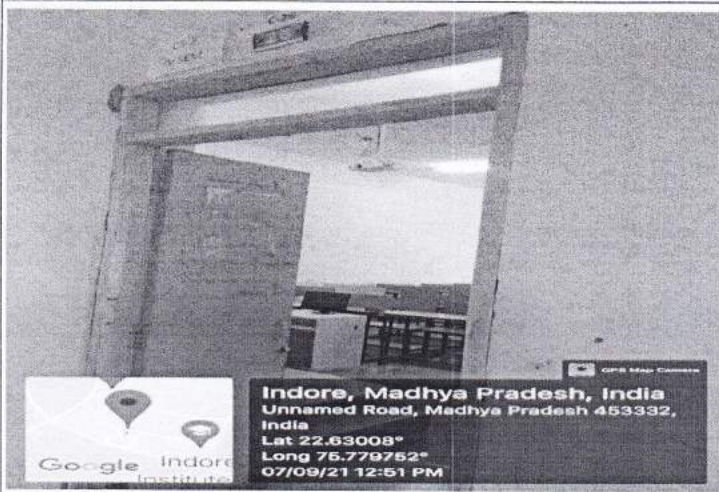


**Class Room 25**

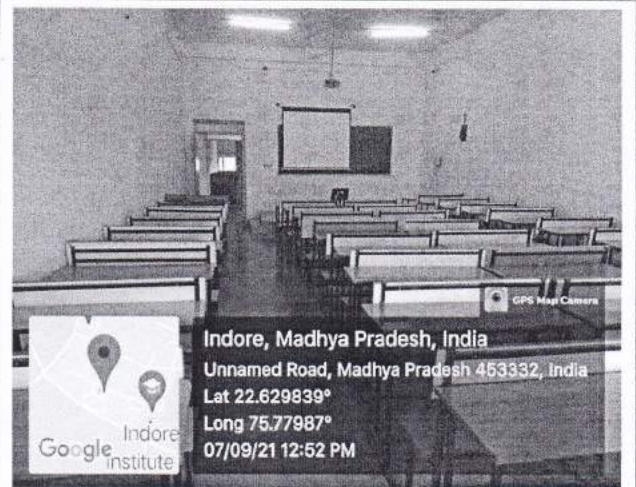


Inside View Room no 25





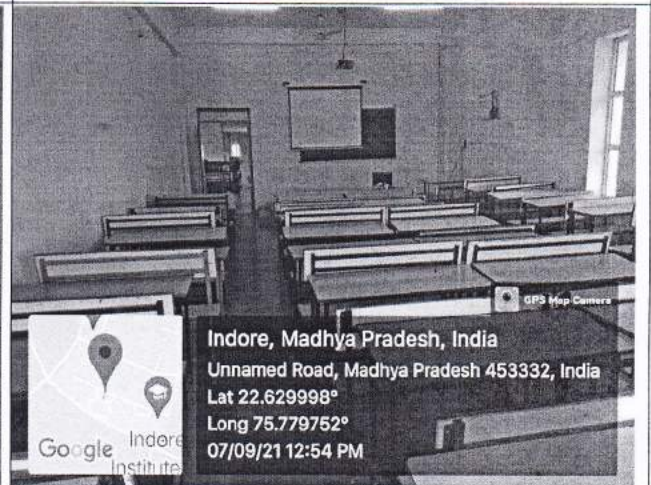
**Class Room 26**



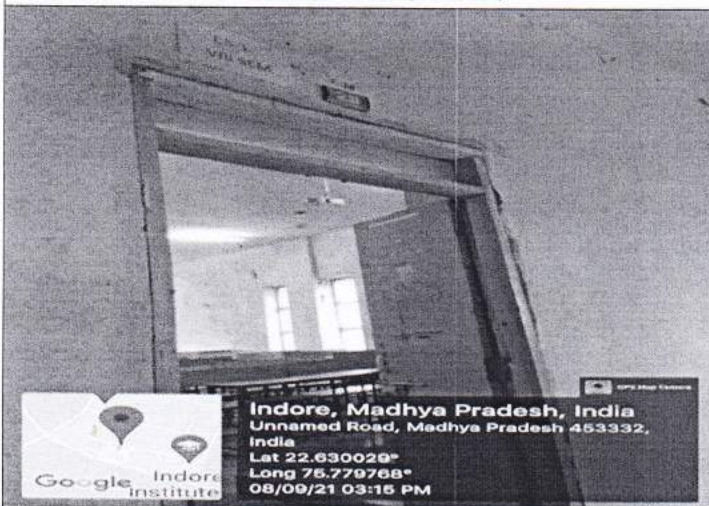
**Inside view Room no 26**



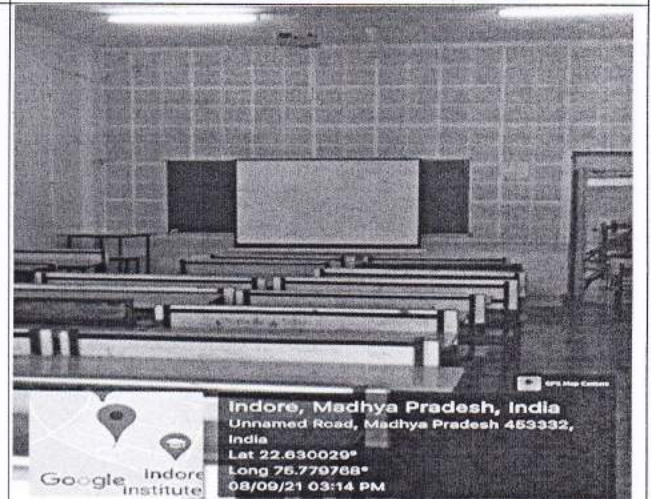
**Class Room 27**



**Inside View Room no 27**

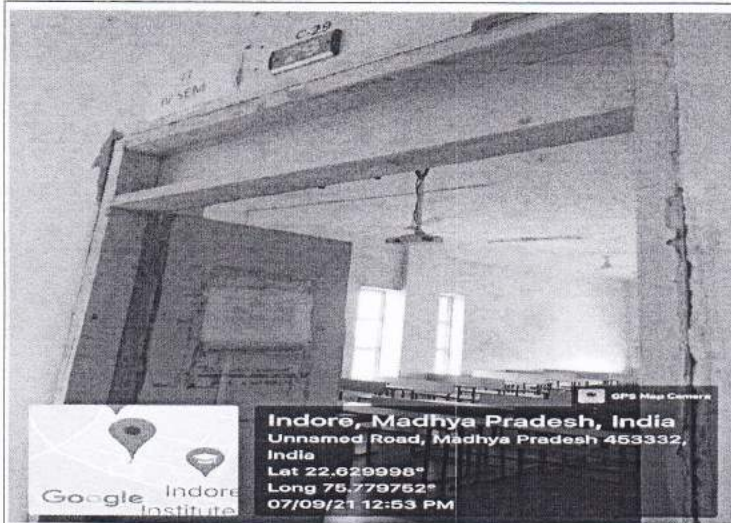


**Class Room 28**

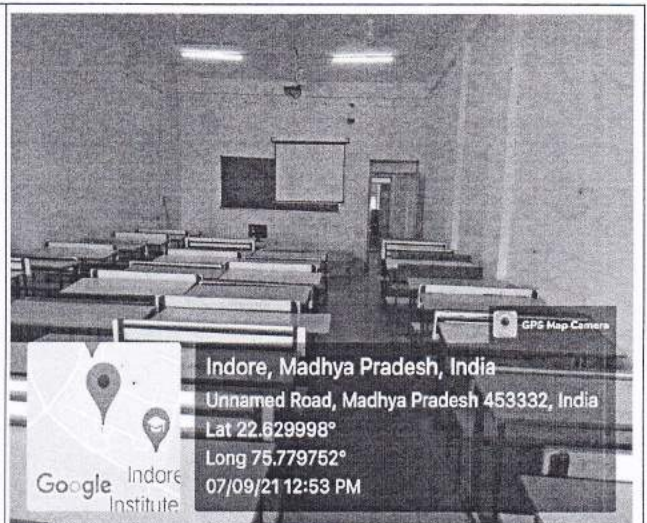


**Inside View Room no 28**

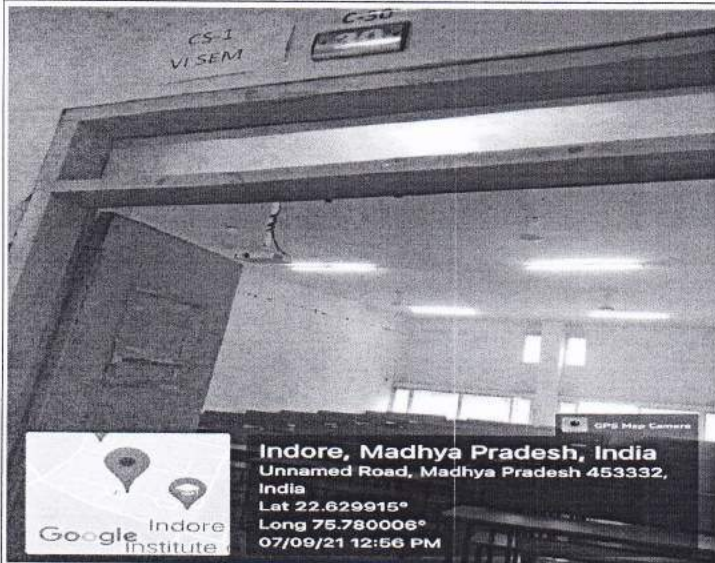




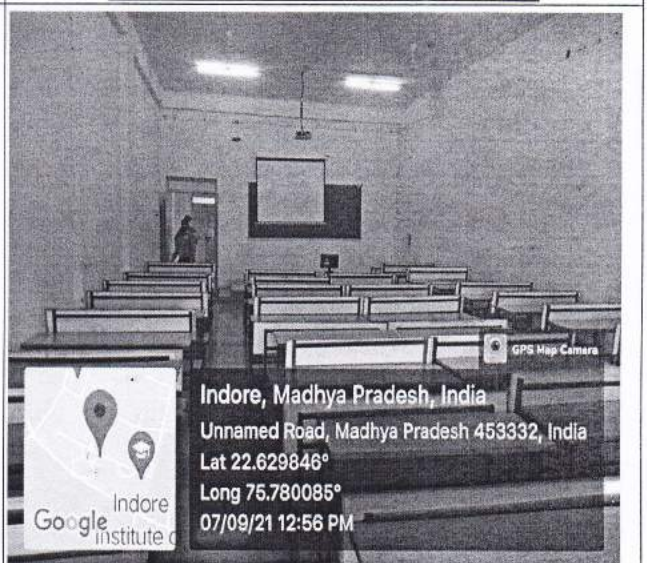
**Class Room 29**



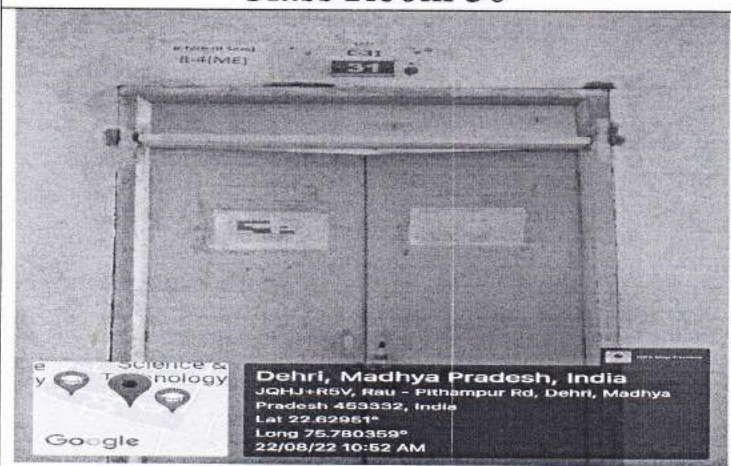
**Inside view Room no 29**



**Class Room 30**



**Inside View Room no 30**

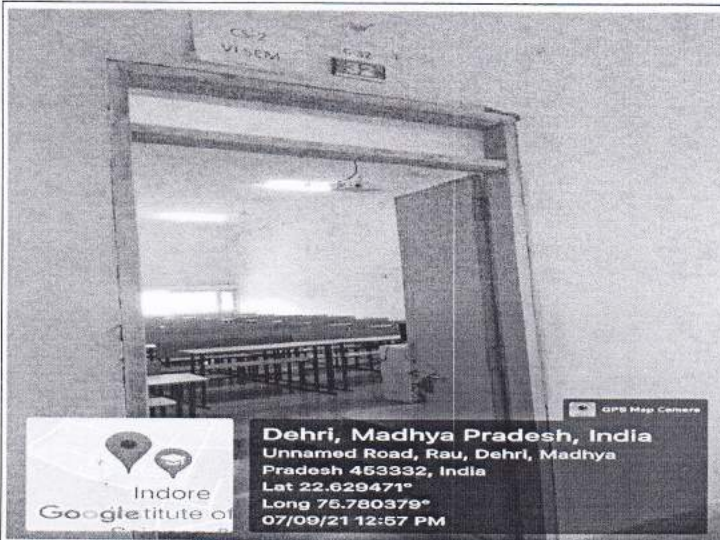


**Class Room 31**

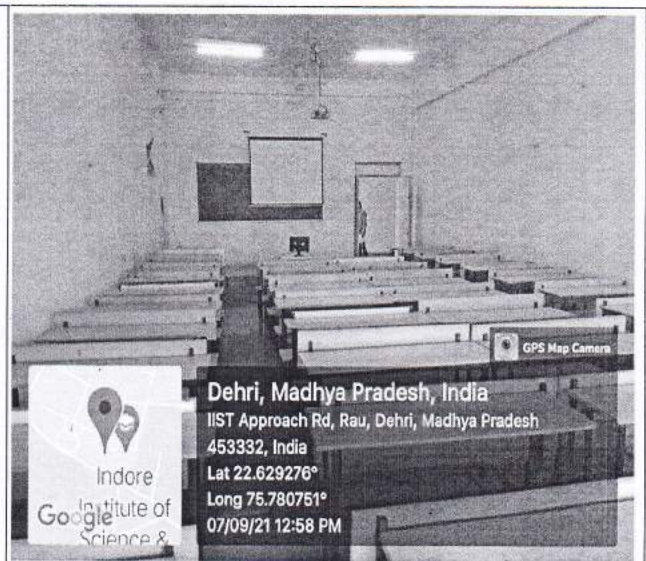


**Inside View Room no 31**

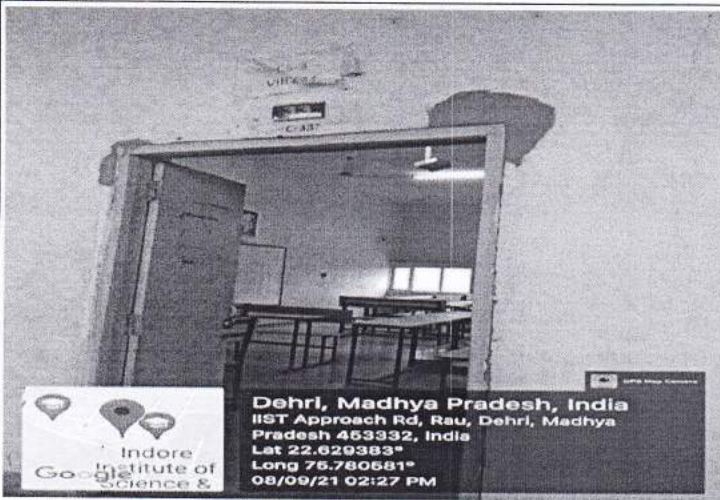




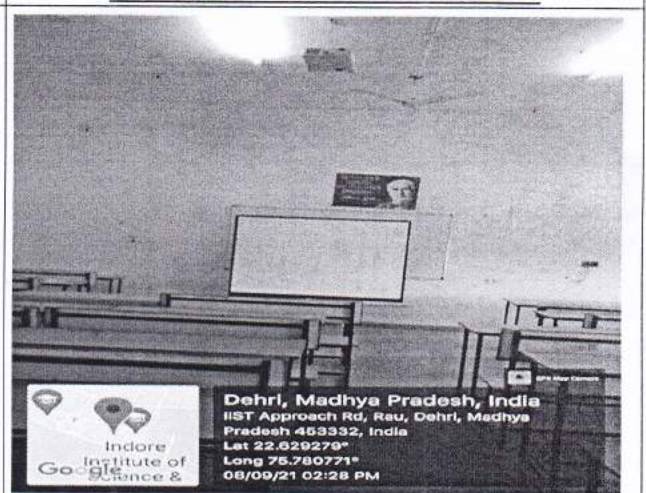
**Class Room 32**



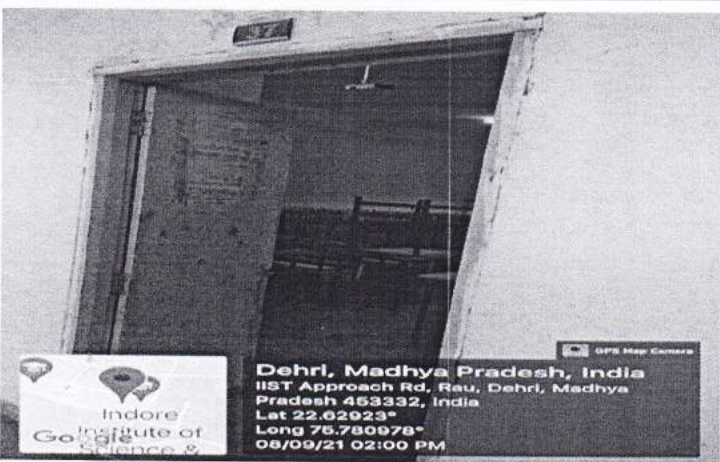
**Inside view Room no 32**



**Class Room 33**



**Inside View Room no 33**

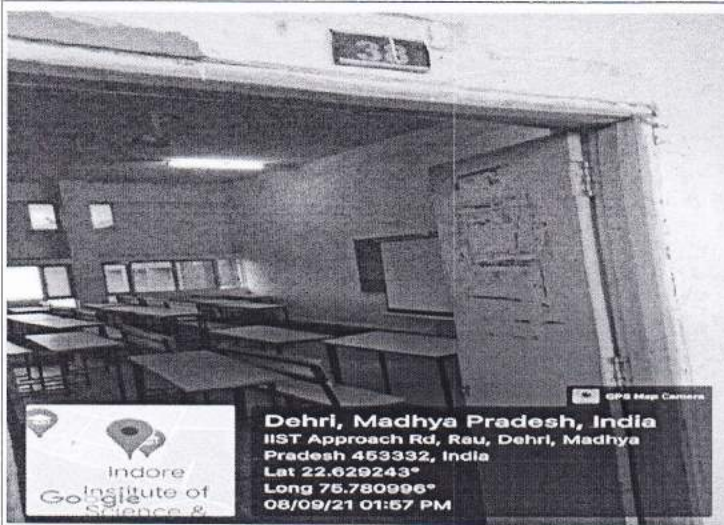


**Class Room 37**

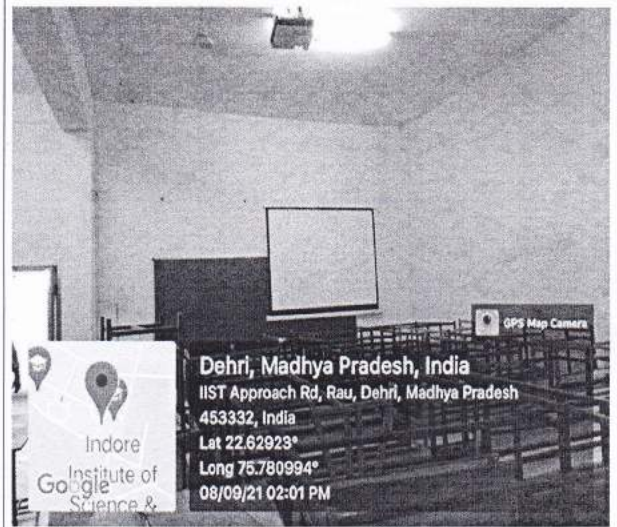


**Inside View Room no 37**

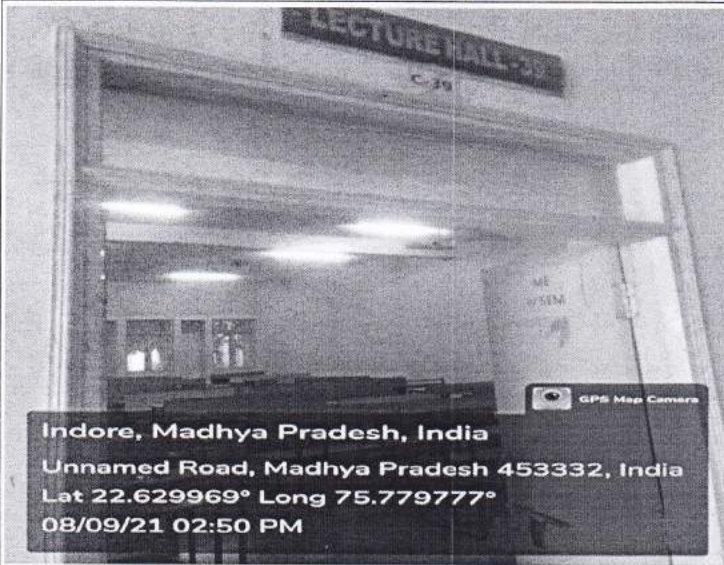




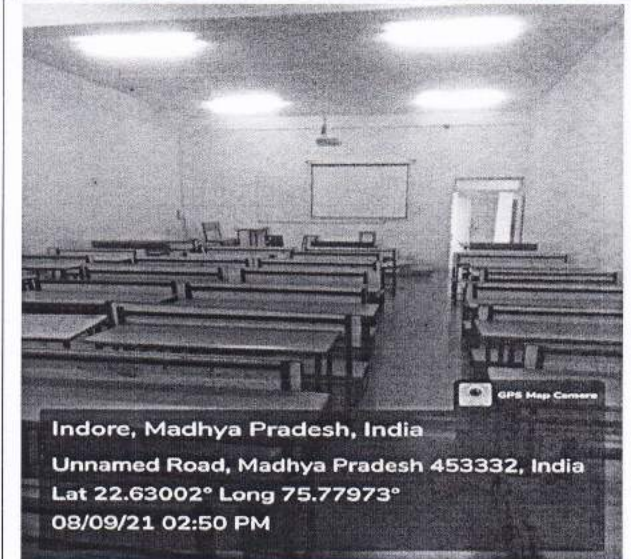
**Class Room 38**



**Inside view Room no 38**



**Class Room 39**



**Inside View Room no 39**





## Detail of 53 Laboratories with Room Nos. and Dimensions

S. No.	Floor & Block	Lab No.	Name of Lab	Department	Length (m)	Breadth (m)	Area (sq. m.)
1.	-	-	WORKSHOP -I	MECHANICAL	-	-	299.55
2.	-	-	WORKSHOP - II	MECHANICAL	-	-	299.55
3.	Ground - A	L-9	STRENGTH OF MATERIAL LAB	MECHANICAL	14.75	4.87	72
4.	Ground - C	L-22	DYNAMICS OF MACHINE LAB	MECHANICAL	10.43	8.05	84
5.	Ground - C	L-20	THERMAL ENGG LAB	MECHANICAL	10.26	9.65	99
6.	Ground - C		ENGG GRAPHICS LAB	MECHANICAL	15.13	9.72	147
7.	Ground - C	L-32	COMPUTER INTEGRATED MANUFACTURING	MECHANICAL	15.3	7.78	119
8.	1 <sup>st</sup> - A	L-53	CAE LAB	MECHANICAL	10.63	7.23	77
9.	Ground - C	L-33	TURBO MACHINE LAB	MECHANICAL	15.2	6.62	101
10.	Ground - C	L-19	BASIC MECHANICAL ENGG LAB	MECHANICAL	10.42	8.35	87
11.	Ground - C	L-36	IC - ENGINE LAB	MECHANICAL	15.2	7.36	112
12.	Ground - C	L-34	FLUID MECHANICS LAB	MECHANICAL	9.75	7.24	71
13.	Ground - C	L-21	HEAT & MASS TRANSFER LAB	MECHANICAL	9.64	9.69	93
14.	Ground - C	L-31	REFRIGERATION & AIR CONDITIONING	MECHANICAL	15.57	4.72	73
15.	Ground - C	L-37	THEORY OF MACHINE LAB	MECHANICAL	12.54	5.88	74
16.	Ground - A	L-5	GEO TECHNICAL ENGINEERING LAB	CIVIL	15.26	7.97	122
17.	Ground - A	L-10	THEORY OF STRUCTURES LAB	CIVIL	14.75	9.55	141
18.	Ground - A	L-4	BASIC CIVIL ENGG. LAB	CIVIL	10.01	7.8	78
19.	Ground - A	L-7	FLUID MECHANICS LAB	CIVIL	14.75	4.87	72
20.	Ground - A	L-12 & L-13	CMT & HIGHWAY LAB	CIVIL	17.2	9.87	170
21.	Ground - A	L-2	EYANTRA LAB	EC	12.77	6.09	78
22.	1 <sup>st</sup> - A	L-50	OPTICAL COMMUNICATION LAB	EC	13.44	7.24	97
23.	1 <sup>st</sup> - A	L-49	PROJECT LAB I	EC	13.36	7.37	98
24.	1 <sup>st</sup> - A	L-52	MAT LAB	EC	11.39	7.07	81

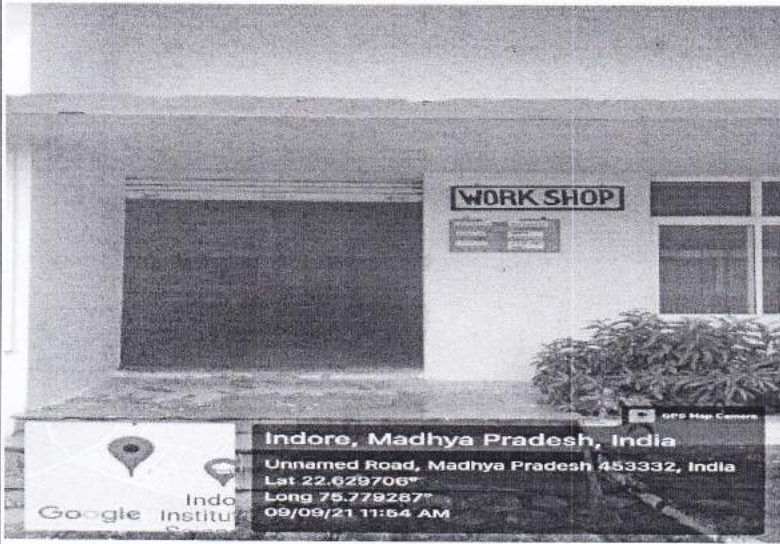


25.	1 <sup>st</sup> - C	L-47	NETWORK ANALYSIS LAB	EC	4.88	3.72	18
26.	Ground - C	L-29	BASIC ELECTRICAL & ELECTRONICS ENGG. LAB	EC	15.55	4.72	73
27.	1 <sup>st</sup> - A	L-57	ROBOTICS CLUB LAB	EC	4.86	4.38	21
28.	Ground - C	L-30	ELECTRONIC DEVICE & CIRCUIT LAB	EC	15.58	4.77	74
29.	1 <sup>st</sup> - A	L-55	VLSI LAB	EC	10.63	7.24	77
30.	1 <sup>st</sup> - A	L-51	SOFTWARE LAB	EC	7.23	4.85	35
31.	Ground - A	L-8	PHYSICS LAB	ESH	14.75	4.89	72
32.	Ground - A	L-1	CHEMISTRY LAB	ESH	14.76	7.37	109
33.	1 <sup>st</sup> - A		LANGUAGE LAB	ESH	11.38	7.07	80
34.	1 <sup>st</sup> - A	L-54	COMMUNICATION LAB II	ESH	10.63	7.22	77
35.	Ground - B	L-14	CRE LAB	CHEMICAL	10.03	8.3	83
36.	Ground - B	L-16	MASS TRANSFER LAB	CHEMICAL	10.39	9.87	103
37.	Ground - B	L-15	FLUID PARTICLES MECHANICS LAB	CHEMICAL	9.85	9.8	97
38.	Ground - B	L-17	INSTRUMENTATION LAB	CHEMICAL	10.03	8.3	83
39.	1 <sup>st</sup> - C	L-42	COMPUTER LAB-01	CSE	10.72	7.23	78
40.	1 <sup>st</sup> - C	L-41	COMPUTER LAB-02	CSE	10.71	7.23	77
41.	1 <sup>st</sup> - C	L-40	COMPUTER LAB-03	CSE	10.72	7.22	77
42.	1 <sup>st</sup> - C	L-39	COMPUTER LAB-04	CSE	10.69	7.22	77
43.	1 <sup>st</sup> - C	L-43	COMPUTER LAB-05	CSE	11.4	7.07	81
44.	1 <sup>st</sup> - C	-	COMPUTER LAB-07	CSE	4.65	4.27	20
45.	Ground - A	L-3	BASIC COMPUTER ENGG. LAB - II	CSE	9.87	7.24	71
46.	Ground - C	L-23	COMPUTER LAB-08	AIML	8.58	7.07	83
47.	Ground - C	L-26	COMPUTER LAB-09	AIML	8.58	7.09	83
48.	1 <sup>st</sup> - C	L-45	INTERNET LAB	CSE	11.39	7.08	81
49.	1 <sup>st</sup> - A	-	ANDRO IT LAB	IT	-	-	13.74
50.	1 <sup>st</sup> - A	L-56	.NET LAB	IT	10.63	7.24	77
51.	1 <sup>st</sup> - C	-	IOS LAB	CSE	-	-	14.24
52.	1 <sup>st</sup> - A	-	IOT	EC	7.26	4.88	35
	1 <sup>st</sup> - C	L-46	INTERNET OF THINGS	CSE	7.26	4.88	35
53.	1 <sup>st</sup> - A	-	CARE	IT	-	-	12.87



**Geotagged Photo of Mechanical Department Laboratories**

**Workshop – I**

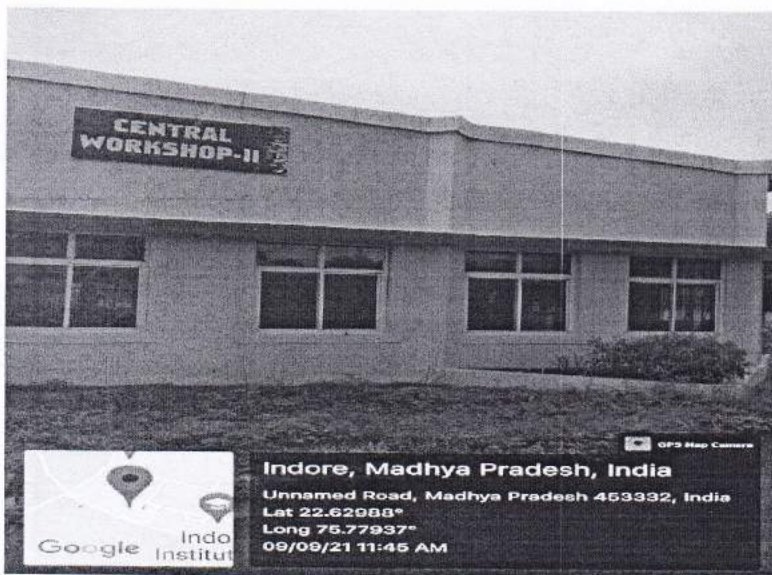


**Outer View**

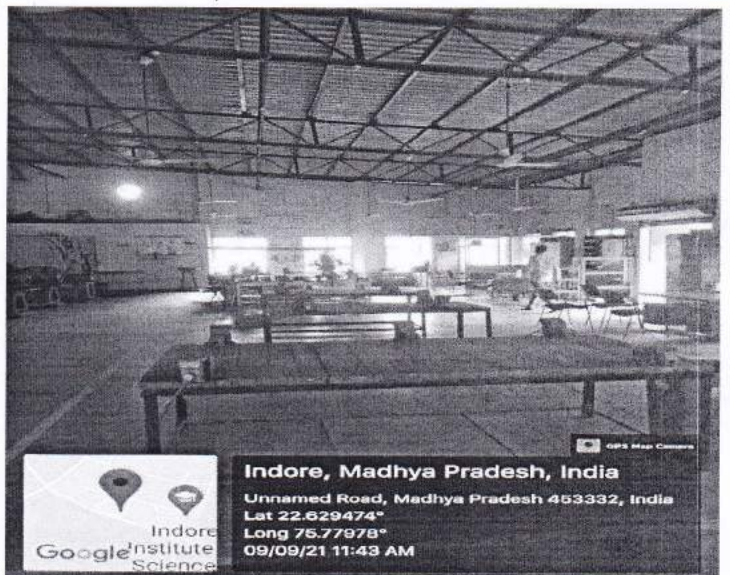


**Inner View**

**Workshop- II**



**Outer View**

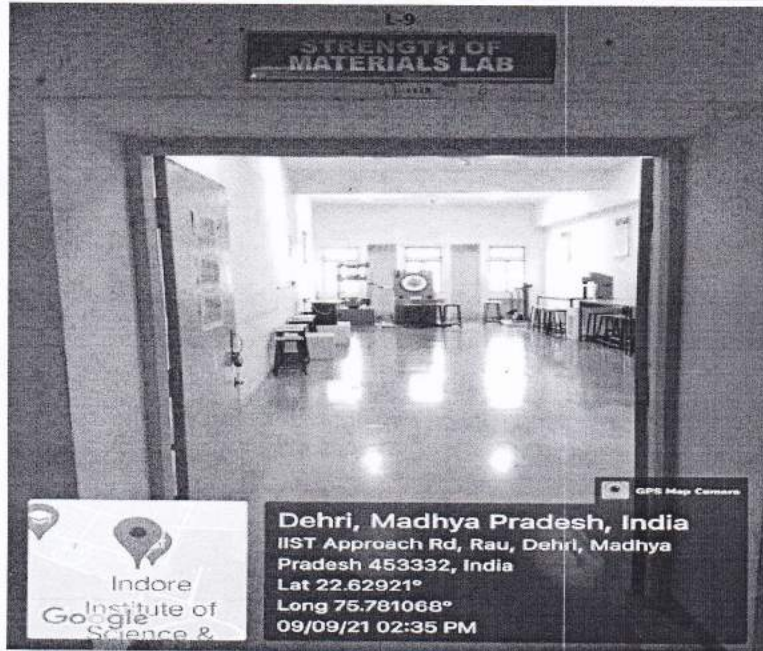


**Inner View**

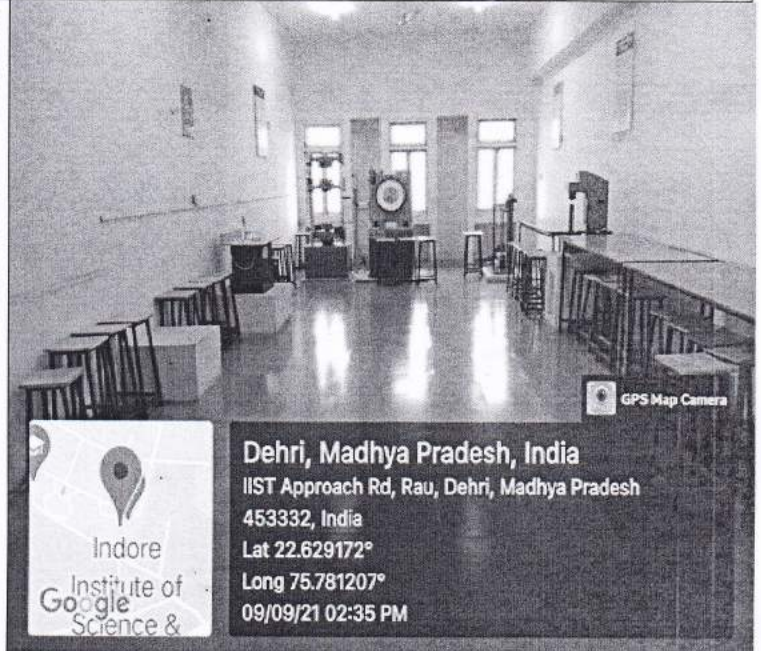




**Strength of Material Lab**

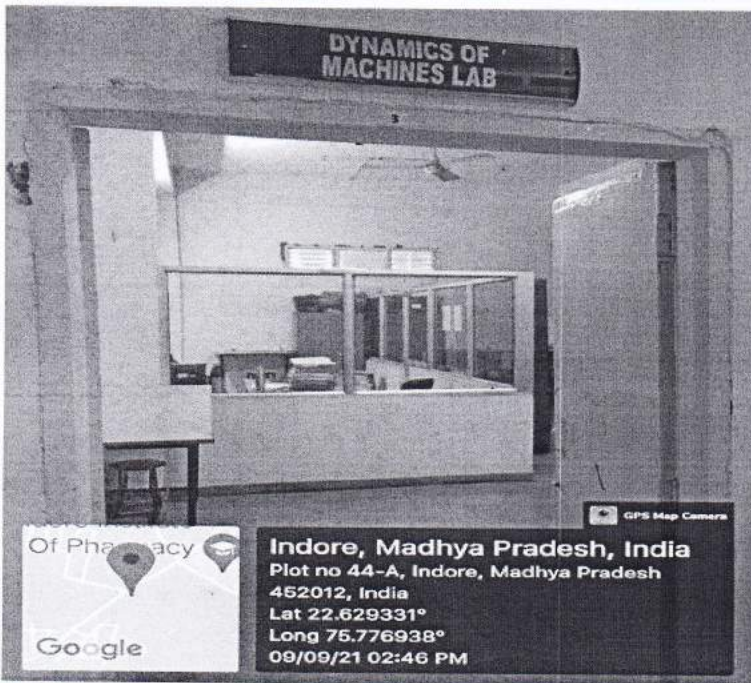


**Outer View**

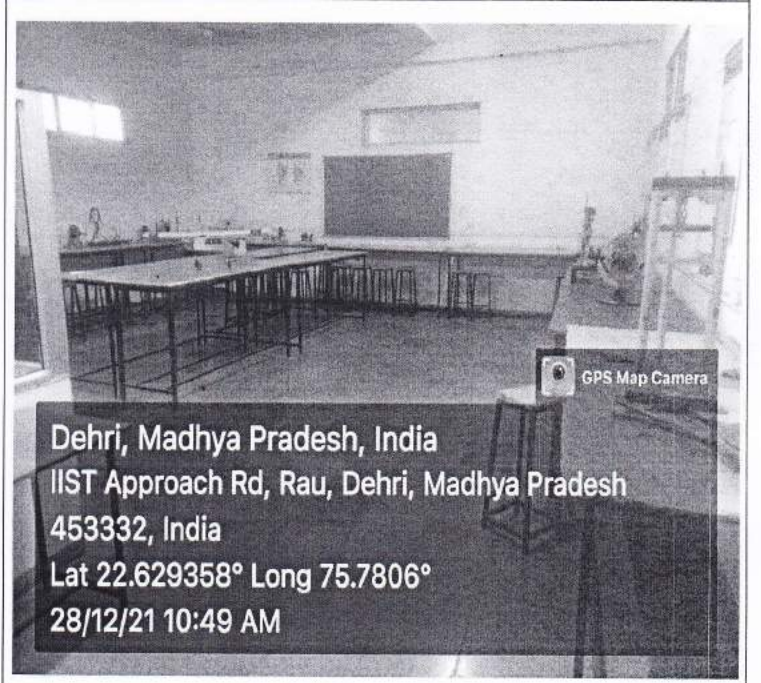


**Inner View**

**Dynamics of Machine Lab**



**Outer View**

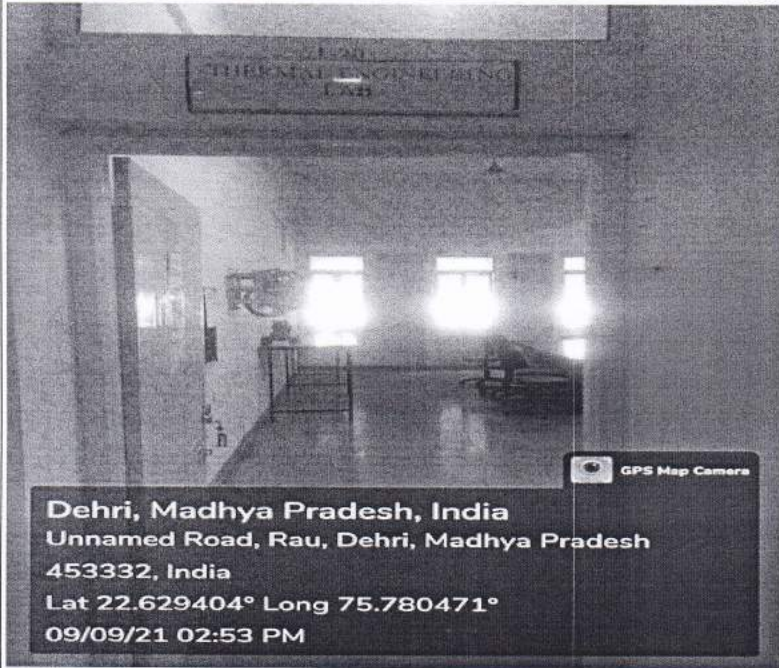


**Inner View**

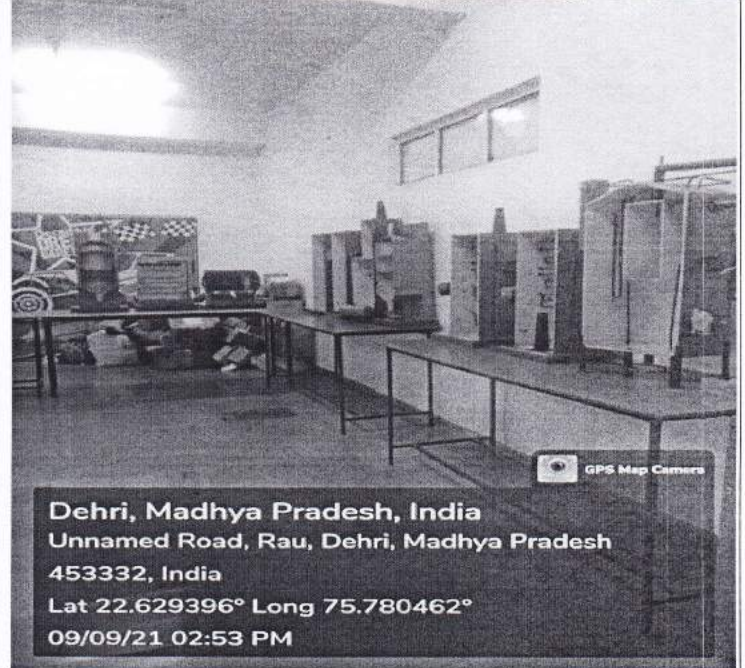




**Thermal Engineering Lab**

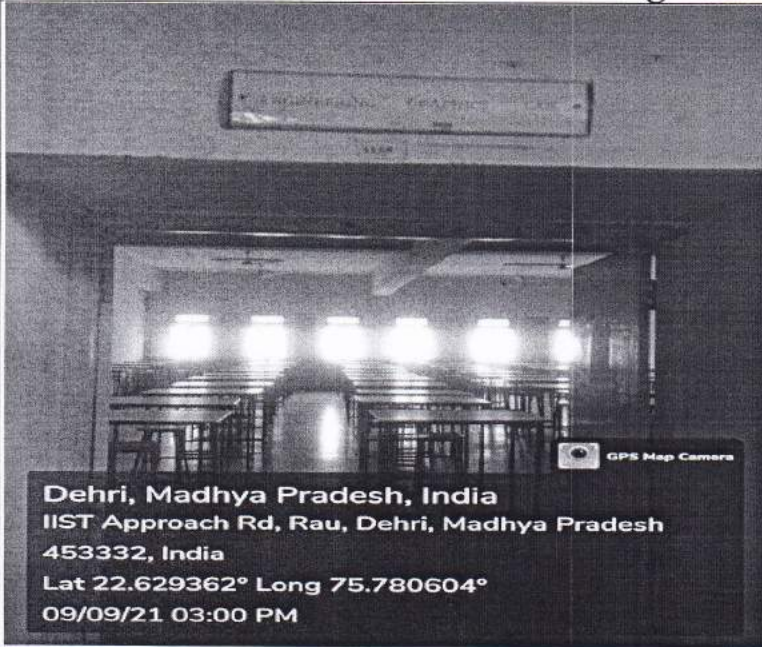


**Outer View**

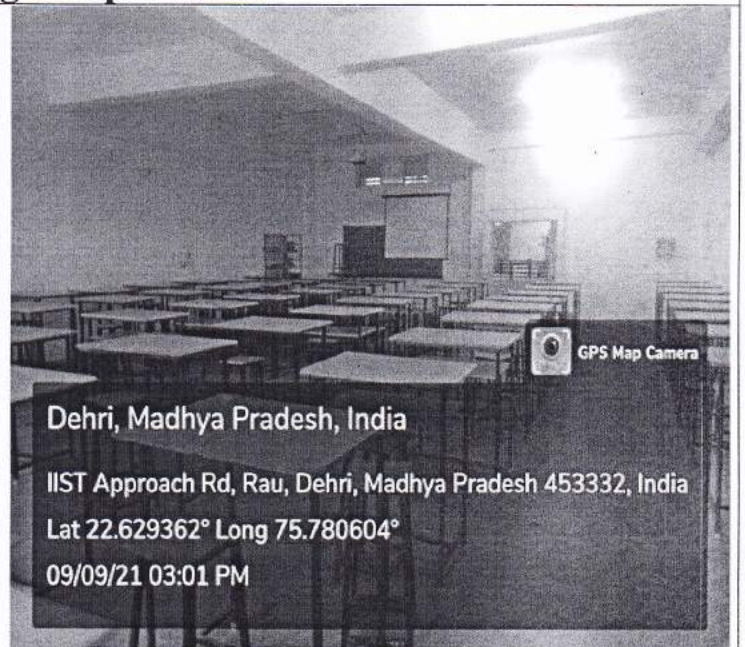


**Inner View**

**Engineering Graphics Lab**



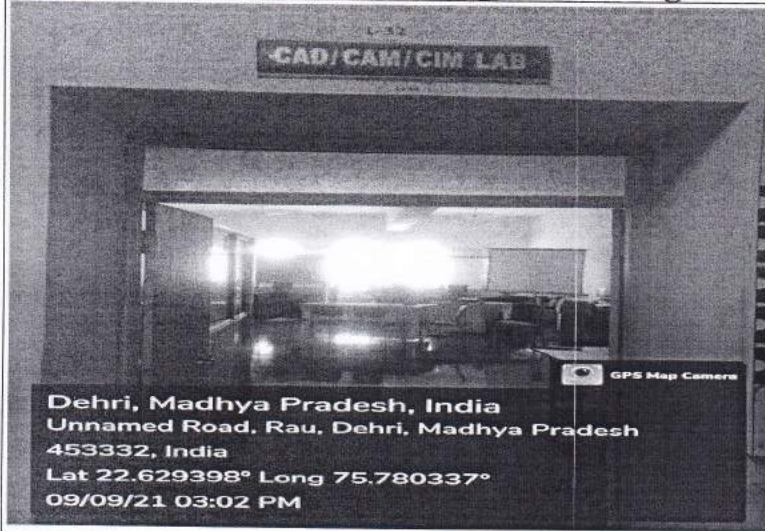
**Outer View**



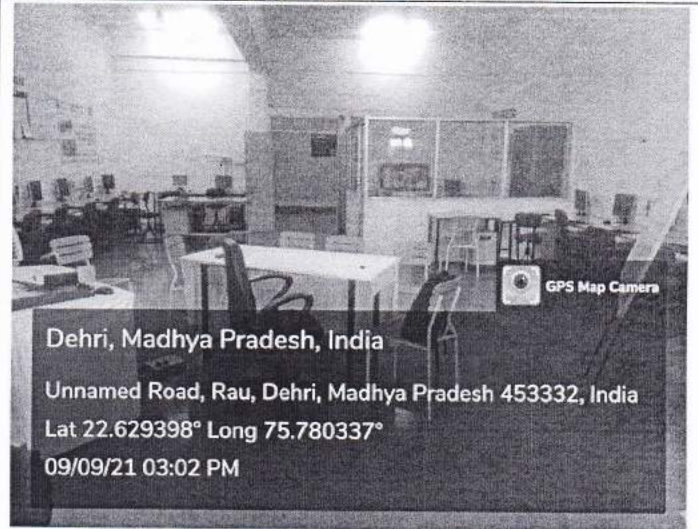
**Inner View**



**Computer Integrated Manufacturing Lab**

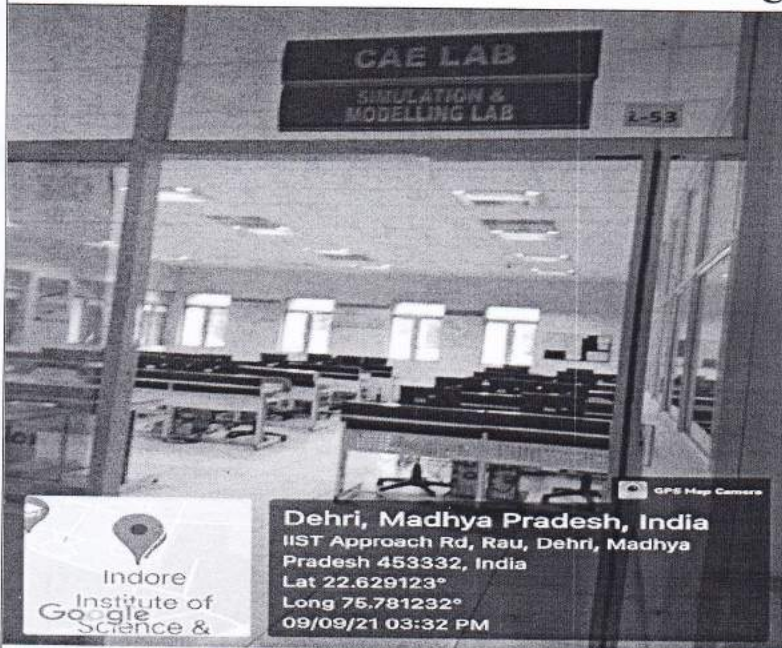


**Outer View**

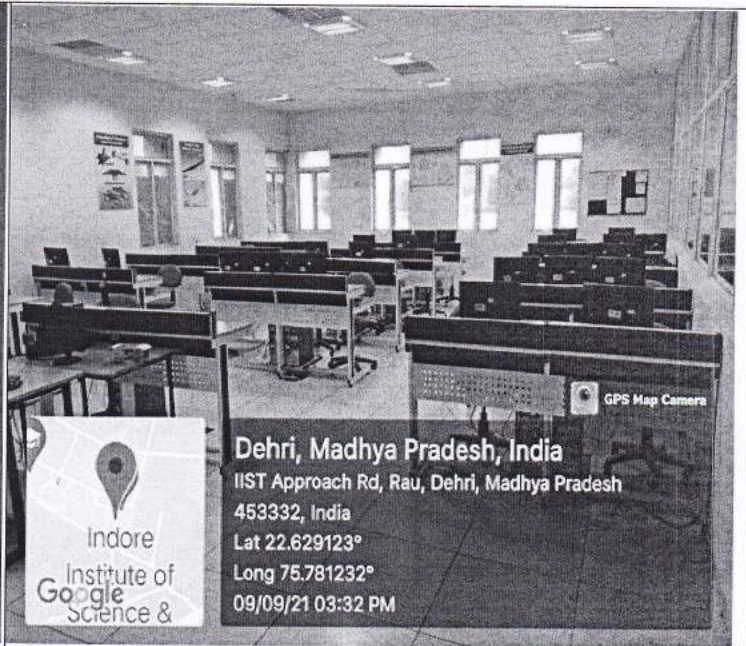


**Inner View**

**CAE Lab**



**Outer View**

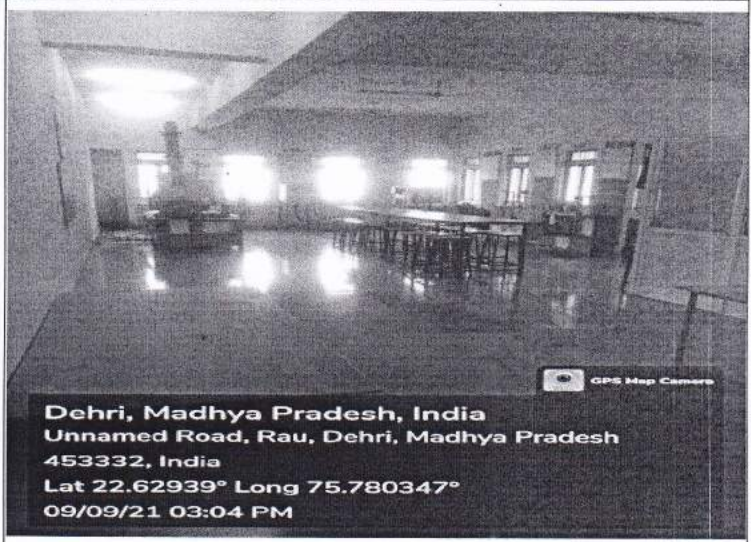
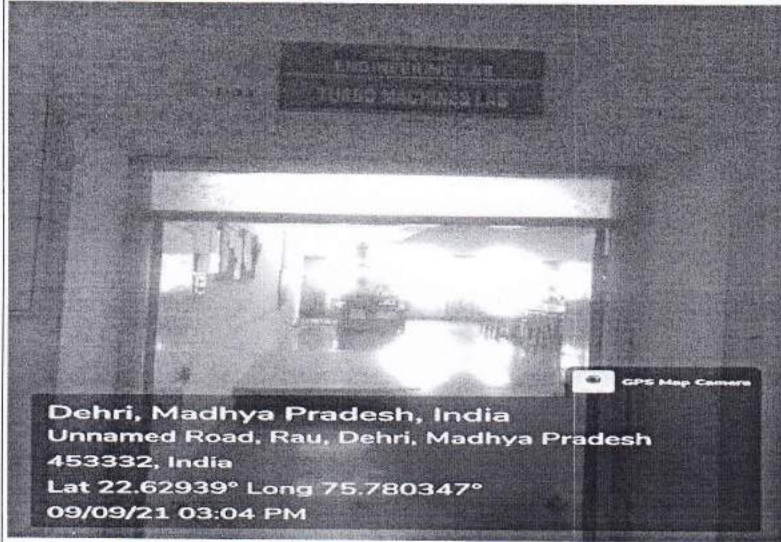


**Inner View**





**Turbo Machine Lab**

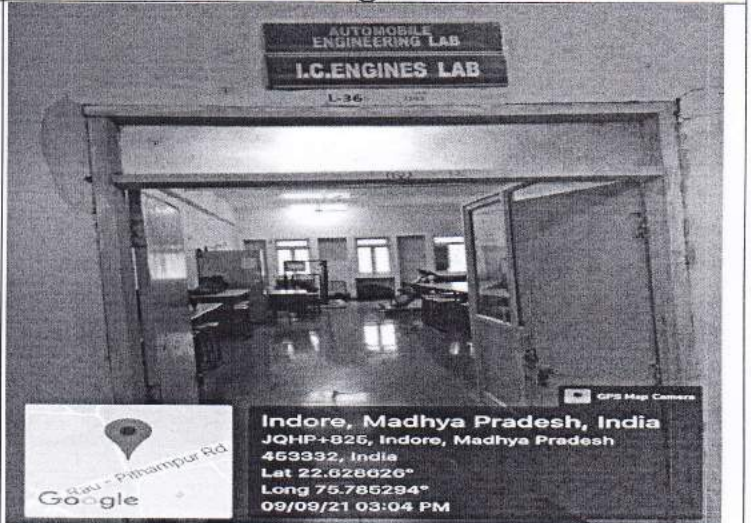
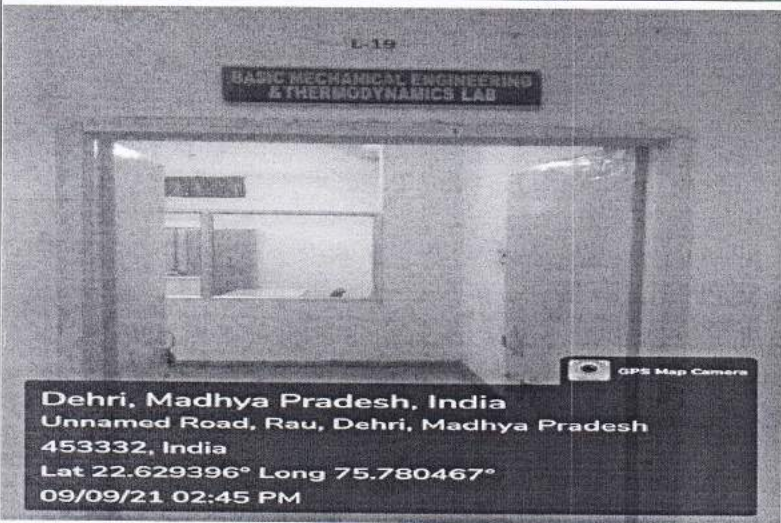


**Outer View**

**Inner View**

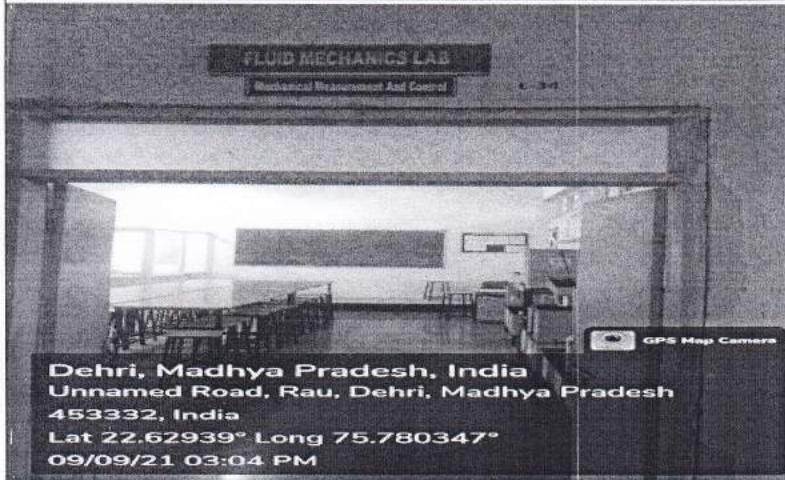
**Basic Mechanical Engg Lab**

**IC- Engine Lab**

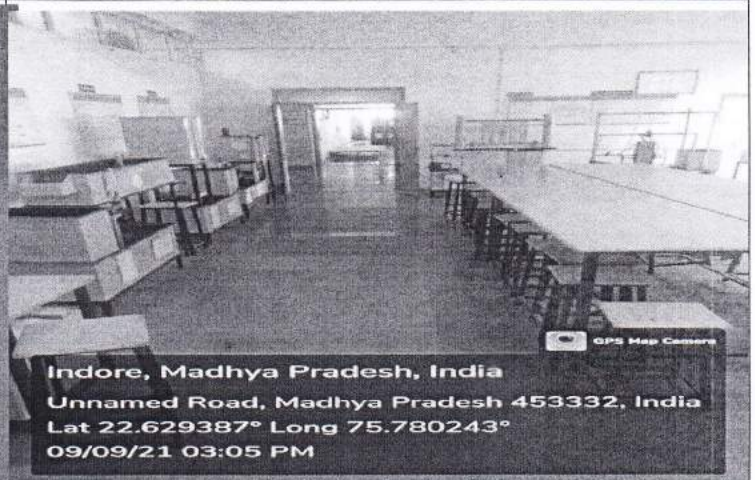




**Fluid Mechanics Lab**

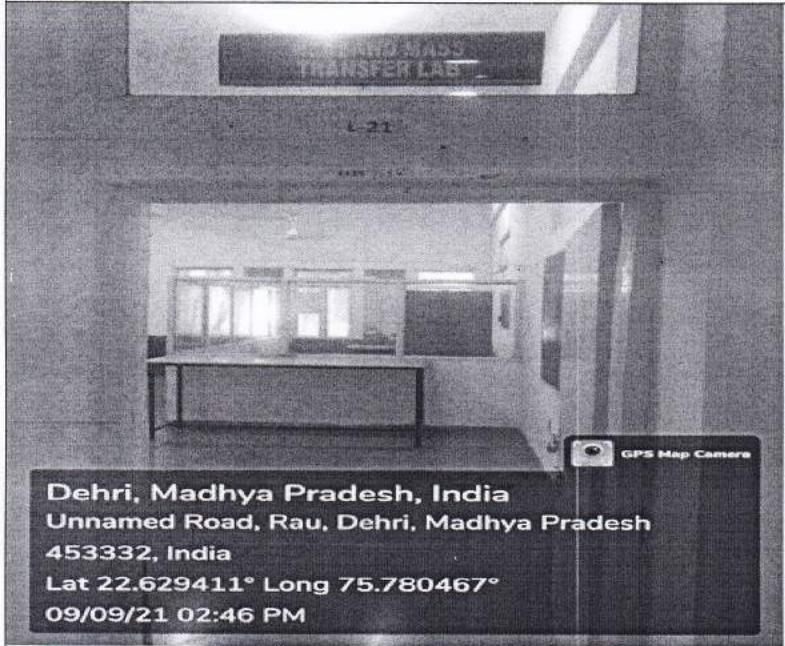


**Outer View**

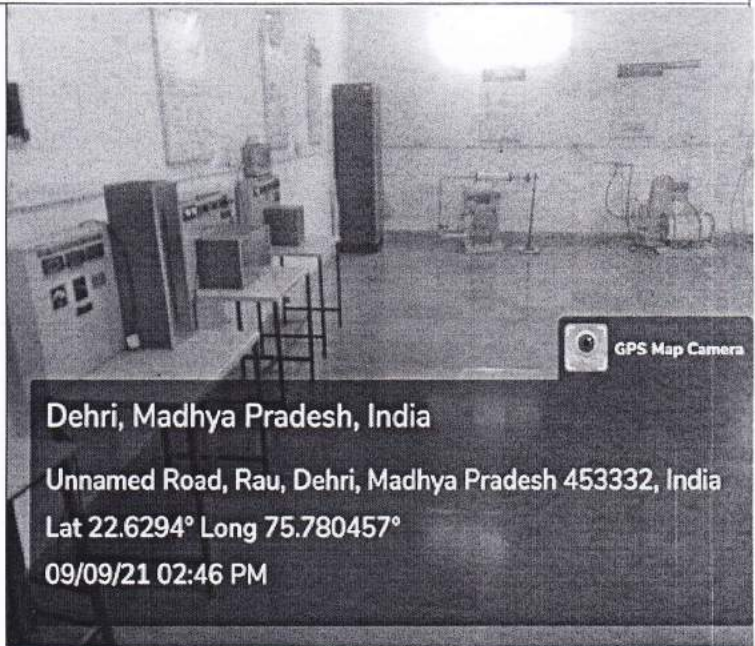


**Inner View**

**Heat and Mass Transfer Lab**



**Outer View**

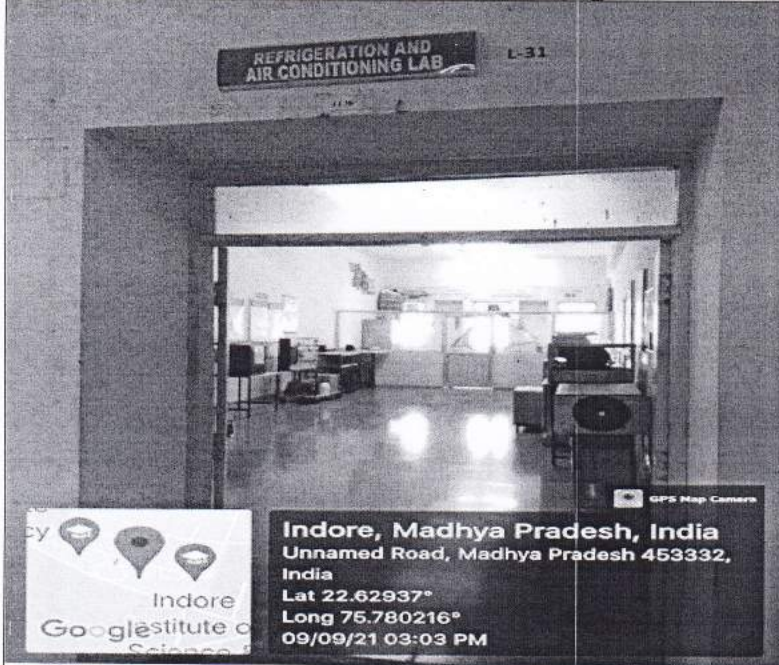


**Inner View**





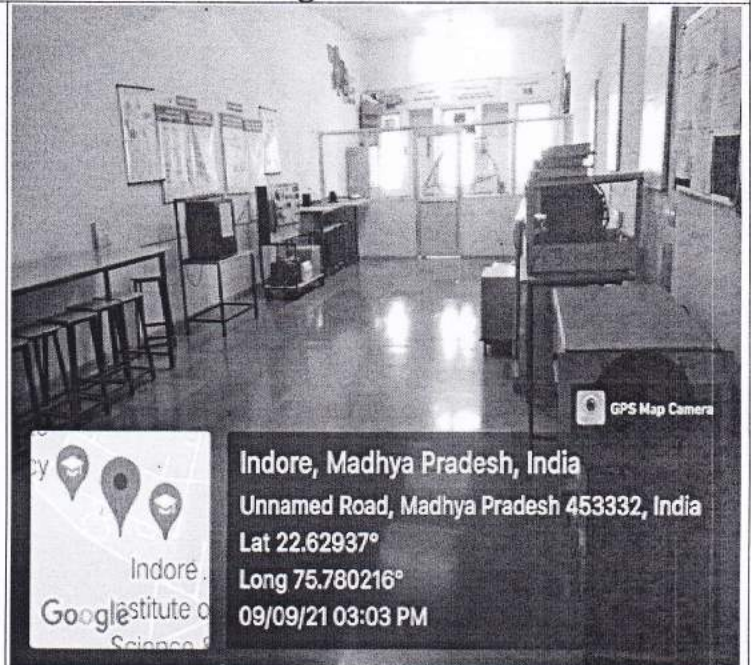
**Refrigeration & Air Conditioning Lab**



Indore  
Google Institute of Science & Technology

Indore, Madhya Pradesh, India  
Unnamed Road, Madhya Pradesh 453332, India  
Lat 22.62937°  
Long 75.780216°  
09/09/21 03:03 PM

**Outer View**

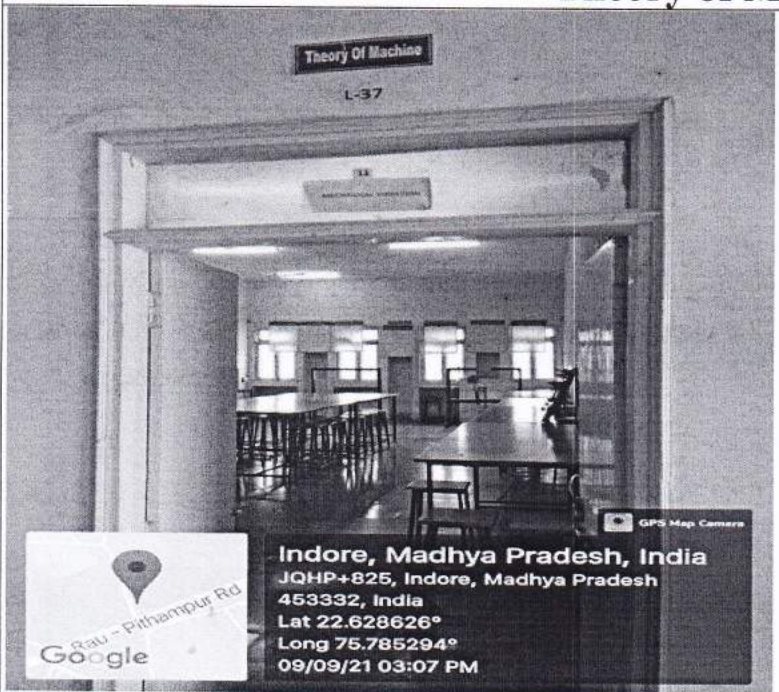


Indore  
Google Institute of Science & Technology

Indore, Madhya Pradesh, India  
Unnamed Road, Madhya Pradesh 453332, India  
Lat 22.62937°  
Long 75.780216°  
09/09/21 03:03 PM

**Inner View**

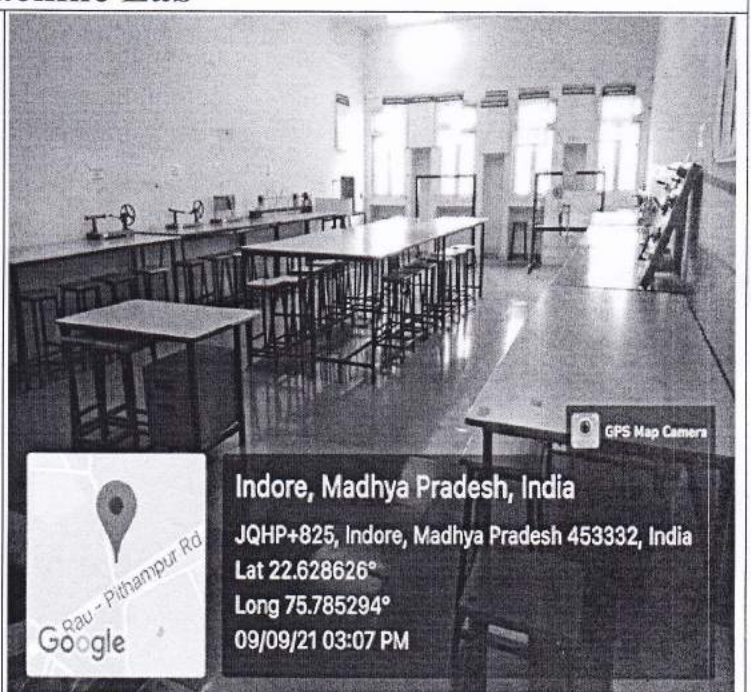
**Theory of Machine Lab**



Rau - Pithampur Rd  
Google

Indore, Madhya Pradesh, India  
JQHP+825, Indore, Madhya Pradesh 453332, India  
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Long 75.785294°  
09/09/21 03:07 PM

**Outer View**



Rau - Pithampur Rd  
Google

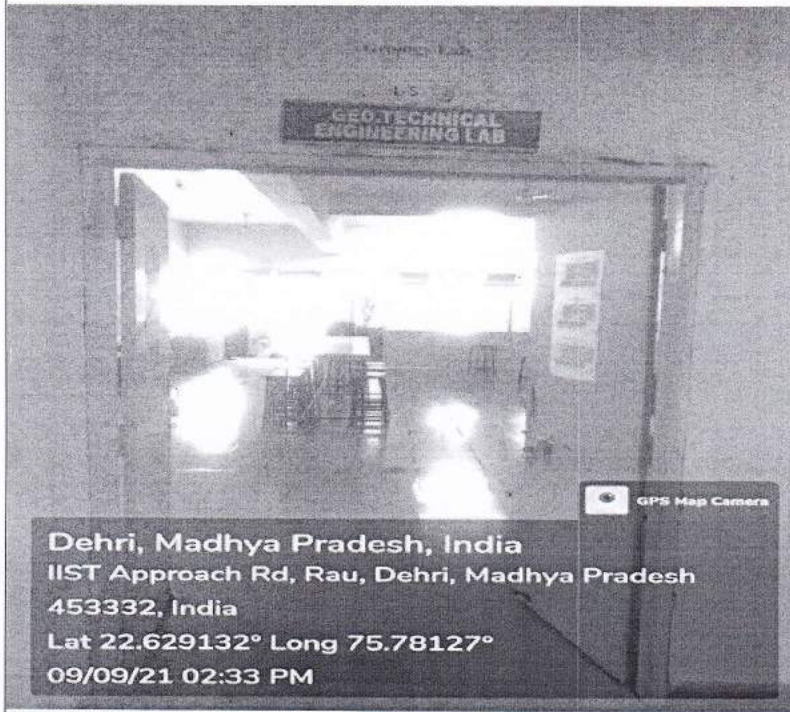
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JQHP+825, Indore, Madhya Pradesh 453332, India  
Lat 22.628626°  
Long 75.785294°  
09/09/21 03:07 PM

**Inner View**

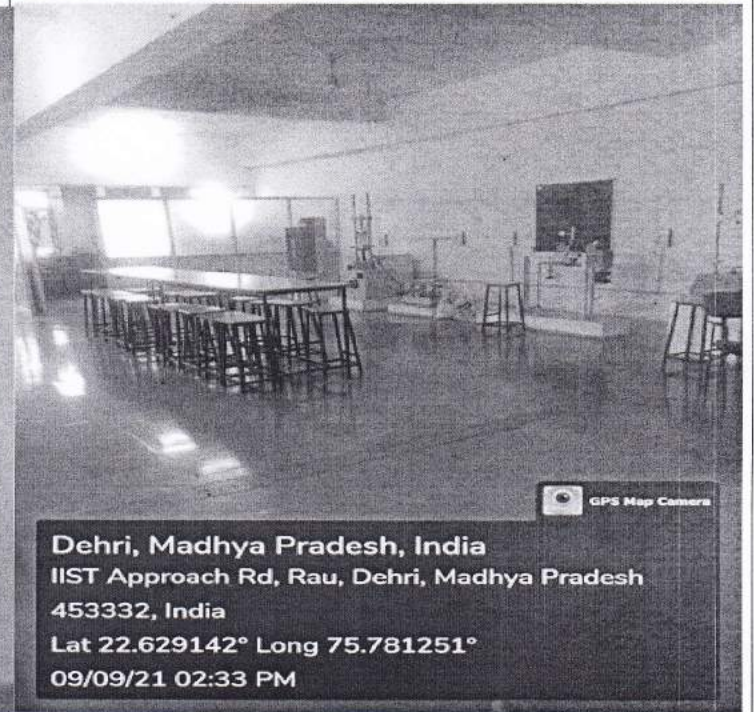


**Geotagged Photo of Civil Department Laboratories**

**Geo Technical Engineering Lab**

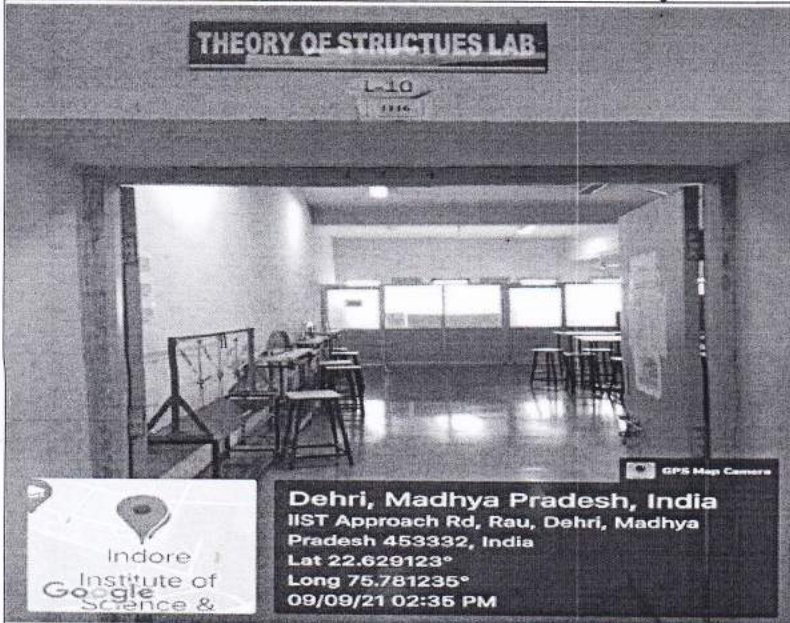


**Outer View**

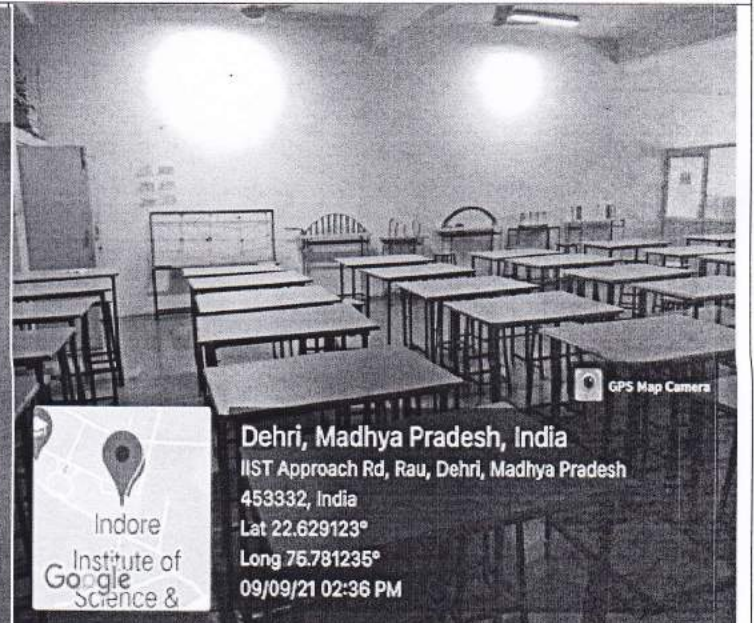


**Inner View**

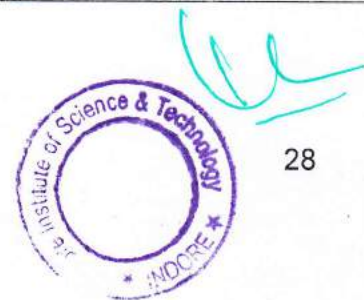
**Theory of Structure Lab**



**Outer View**

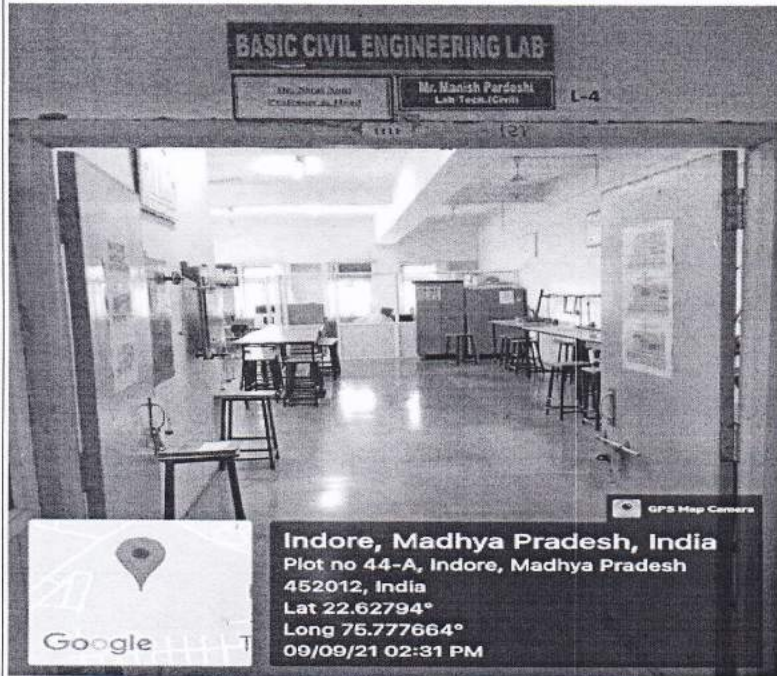


**Inner View**

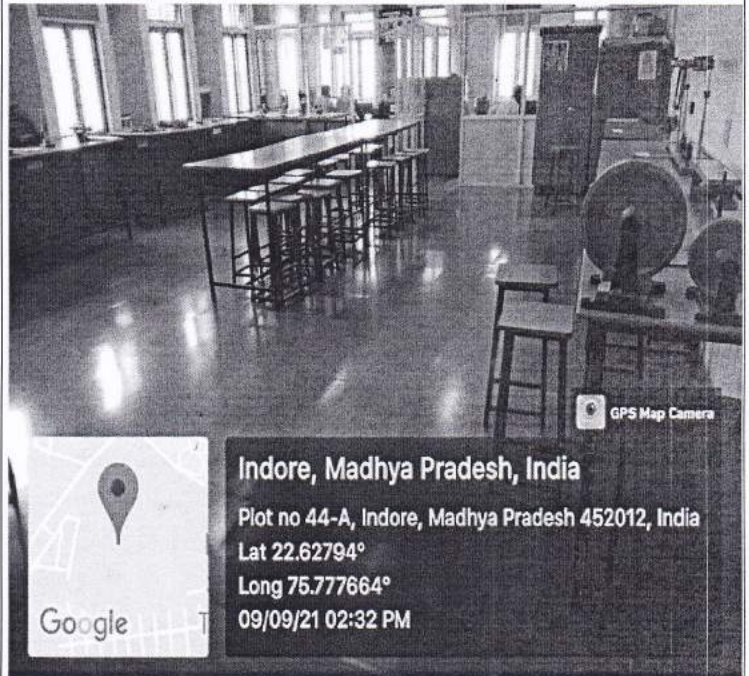




**Basics Civil Engineering Lab**

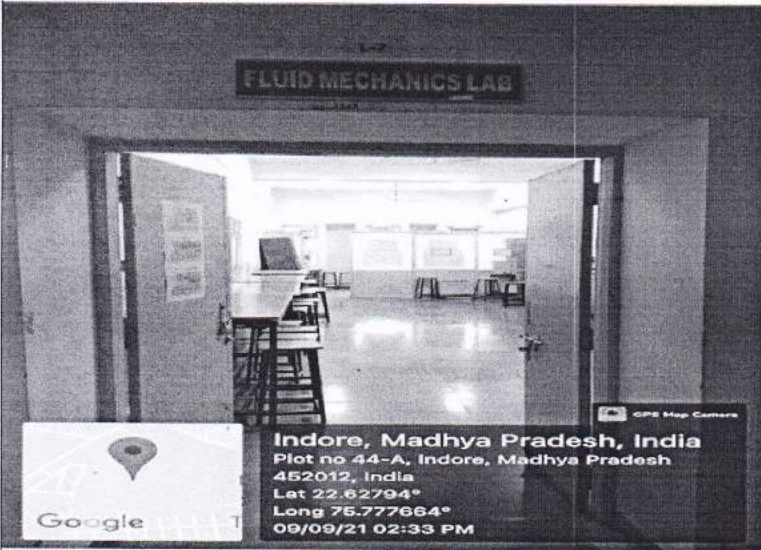


**Outer View**

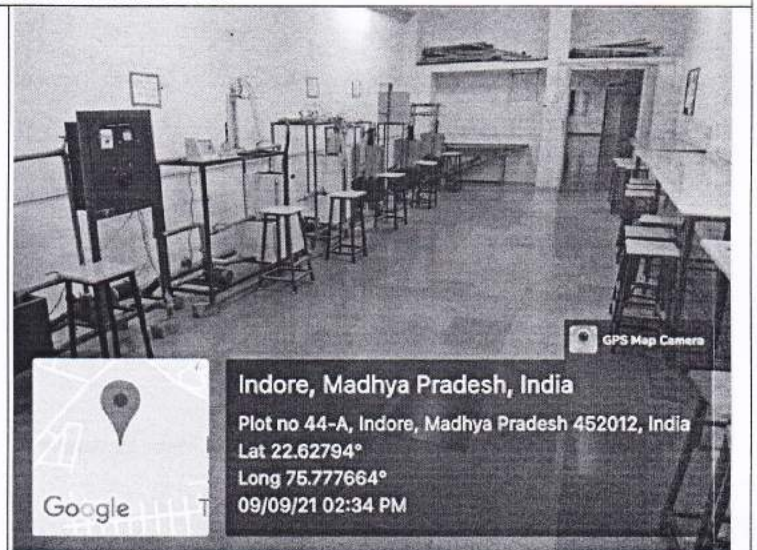


**Inner View**

**Fluid Mechanics Lab**



**Outer View**



**Inner View**



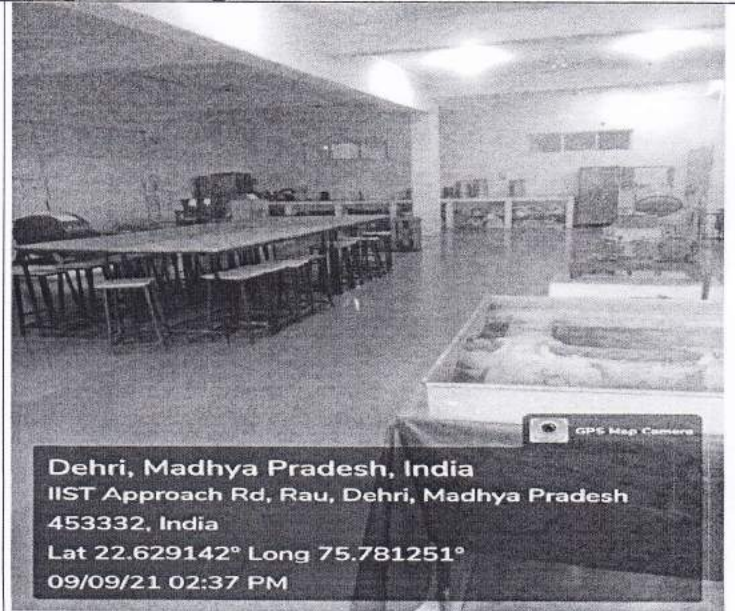


**CMT and Highway Engineering Lab**



Dehri, Madhya Pradesh, India  
IIST Approach Rd, Rau, Dehri, Madhya Pradesh  
453332, India  
Lat 22.629142° Long 75.781251°  
09/09/21 02:36 PM

**Outer View**



Dehri, Madhya Pradesh, India  
IIST Approach Rd, Rau, Dehri, Madhya Pradesh  
453332, India  
Lat 22.629142° Long 75.781251°  
09/09/21 02:37 PM

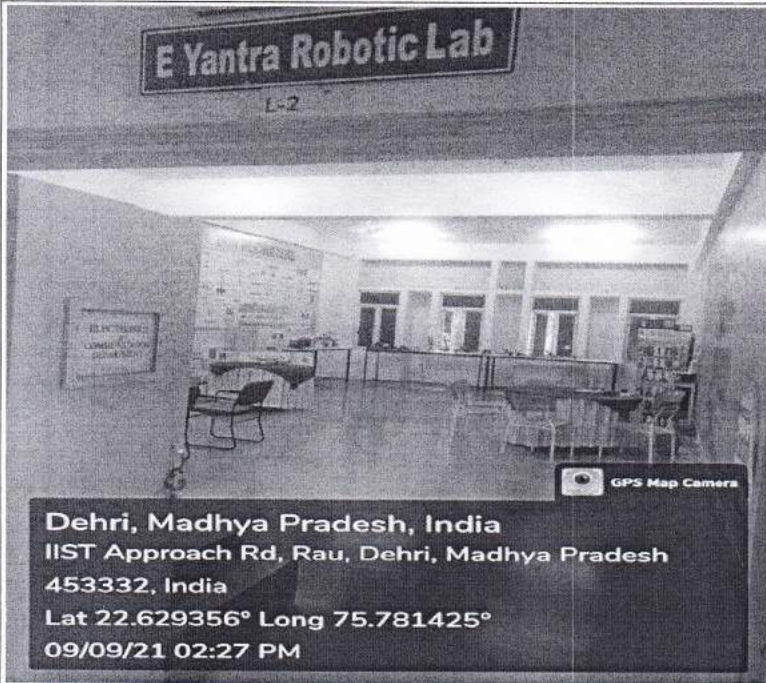
**Inner View**



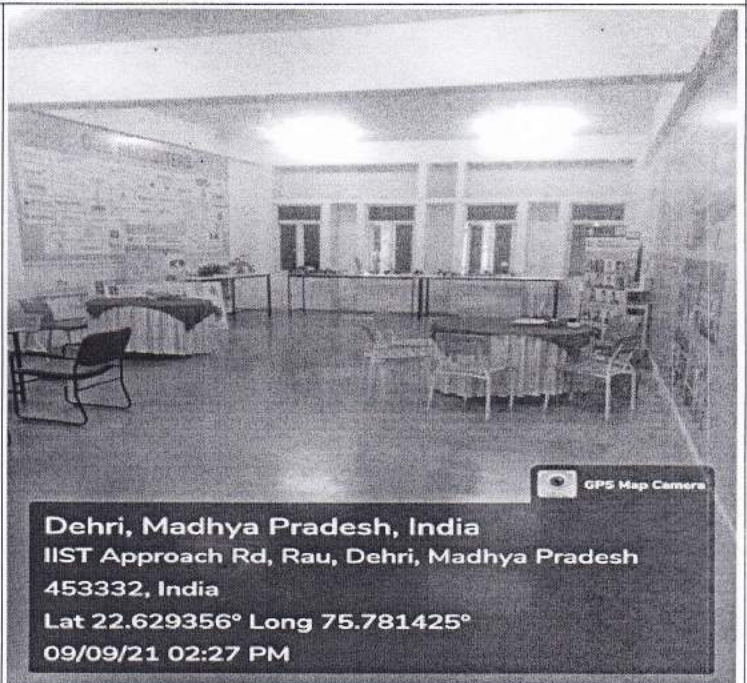


**Geotagged Photo of Electronics and Communication Department Laboratories**

**e- Yantra Robotics Lab**

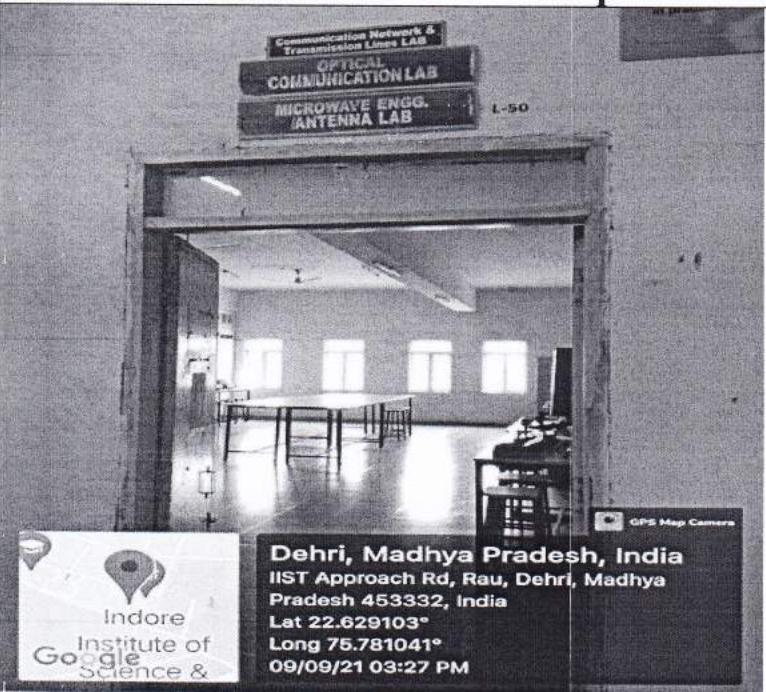


**Outer View**

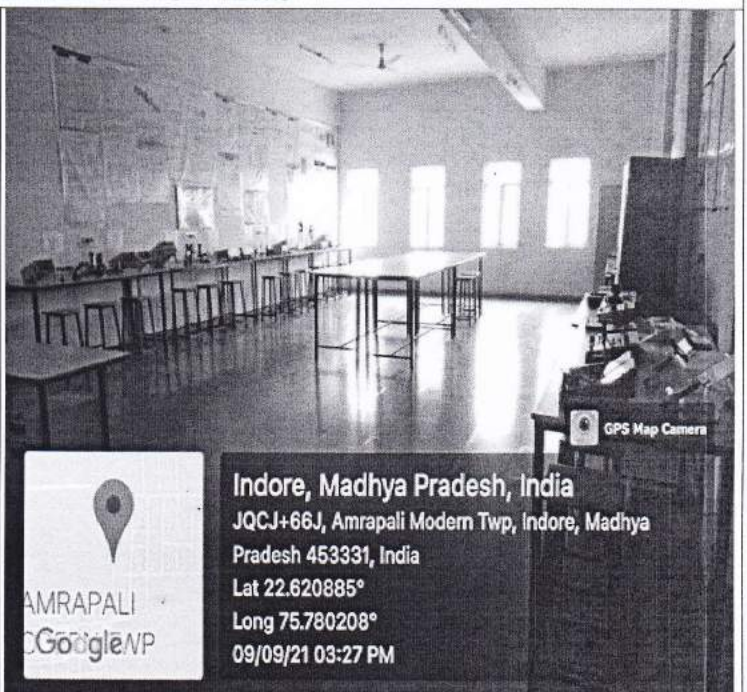


**Inner View**

**Optical Communication Lab**



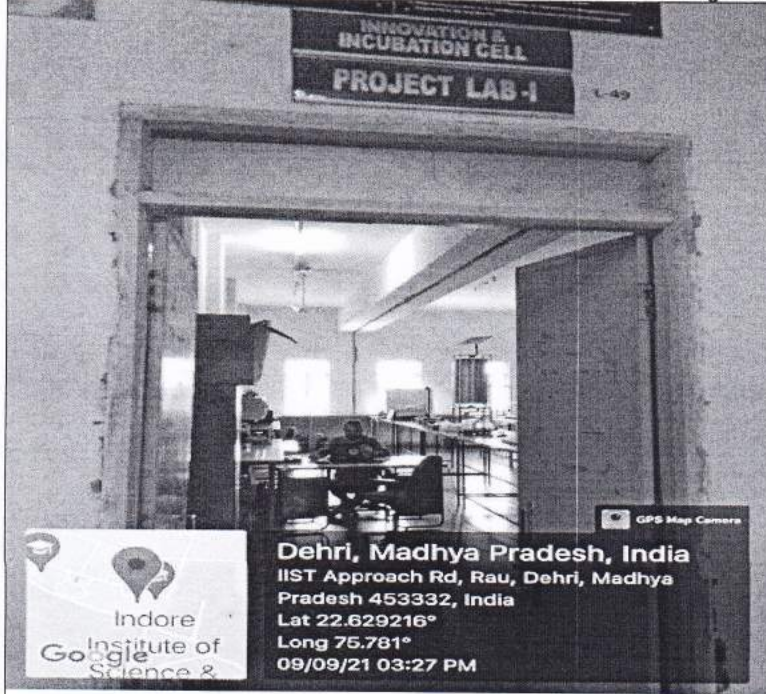
**Outer View**



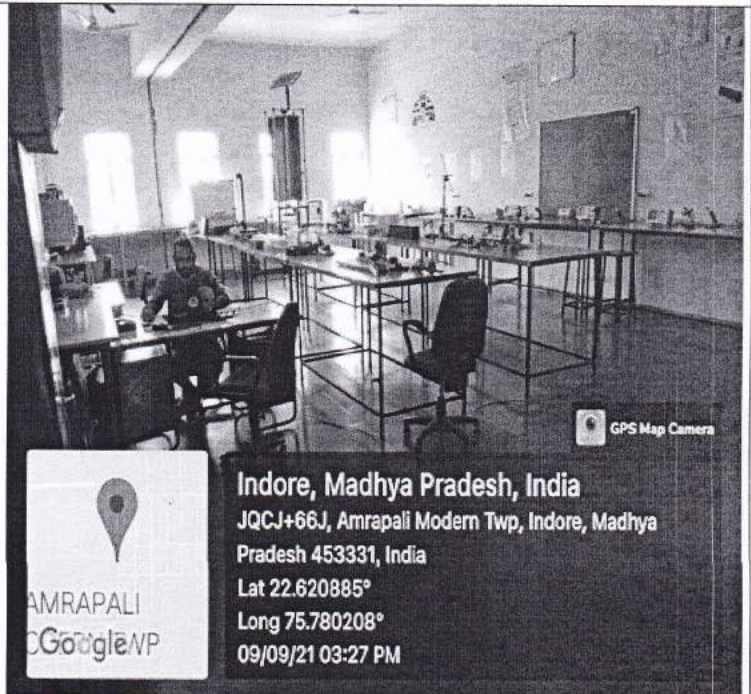
**Inner View**



**Project -1 Lab**

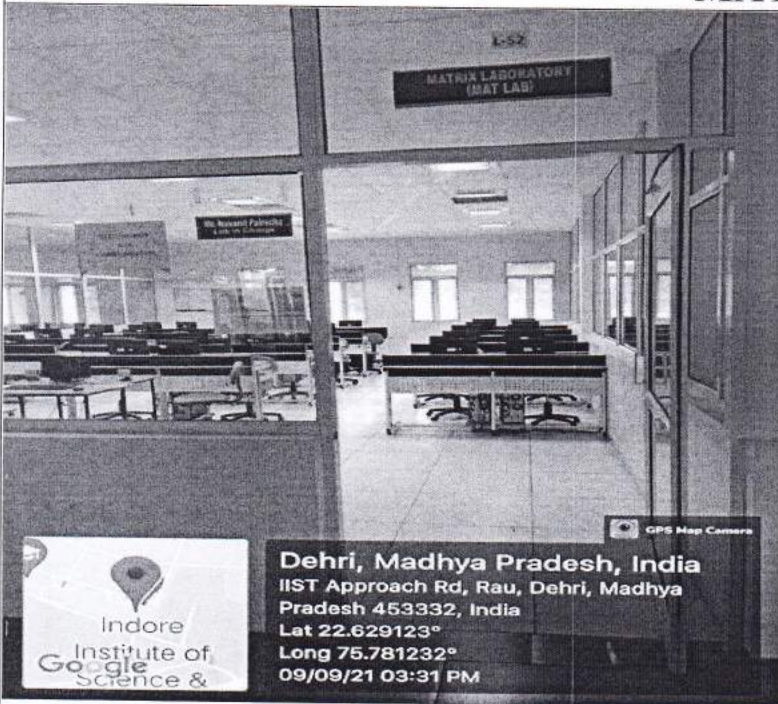


**Outer View**

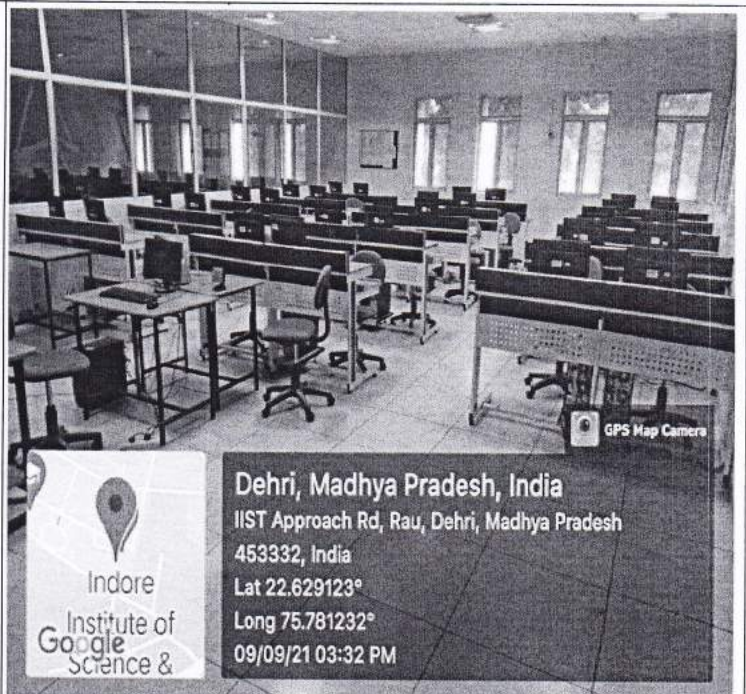


**Inner View**

**MATLAB Lab**



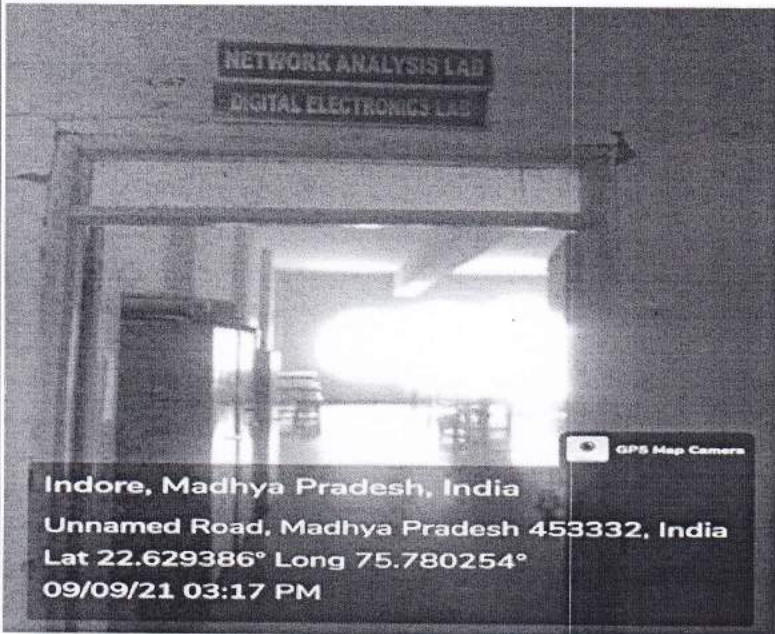
**Outer View**



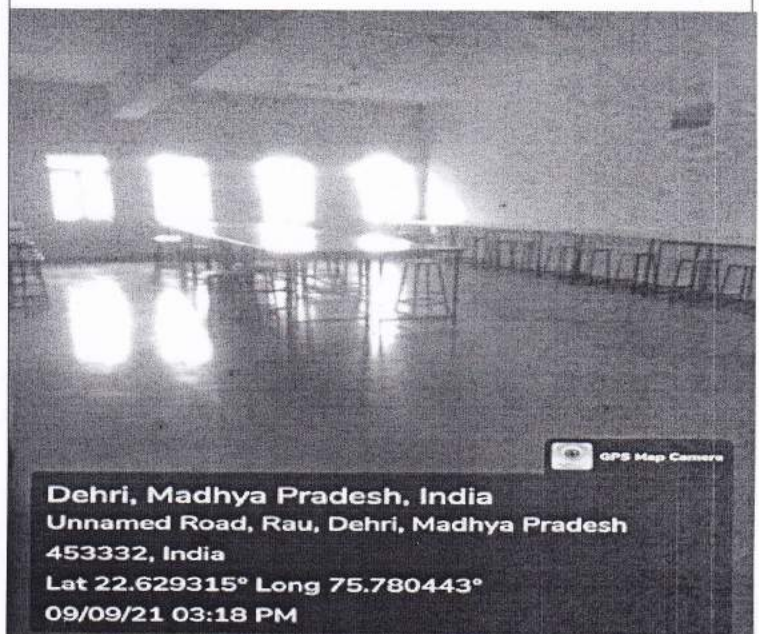
**Inner View**



**Network Analysis Lab**

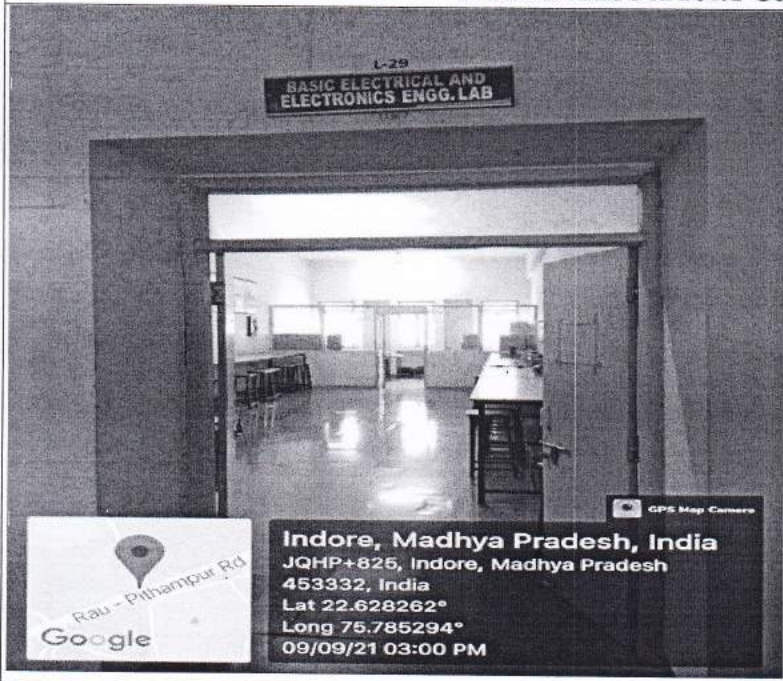


**Outer View**

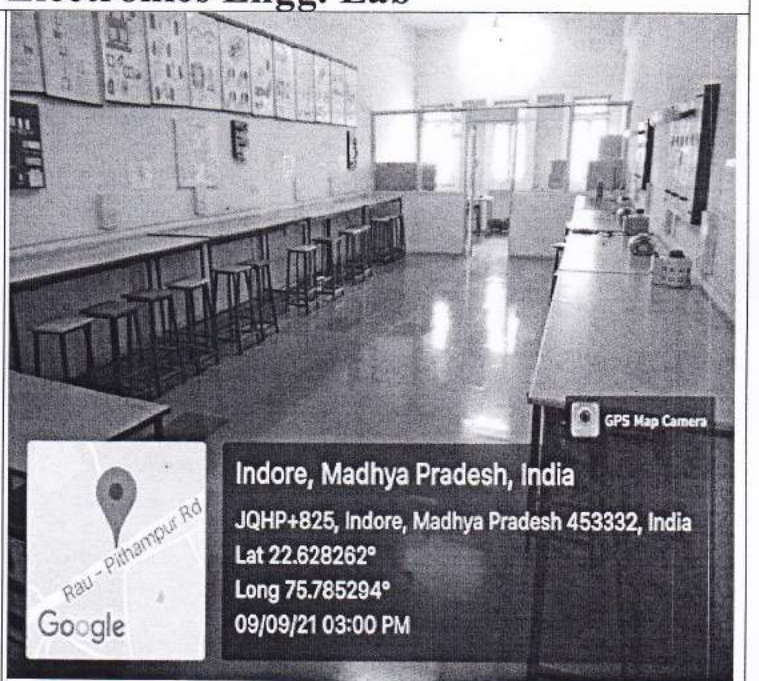


**Inner View**

**Basic Electrical & Electronics Engg. Lab**



**Outer View**

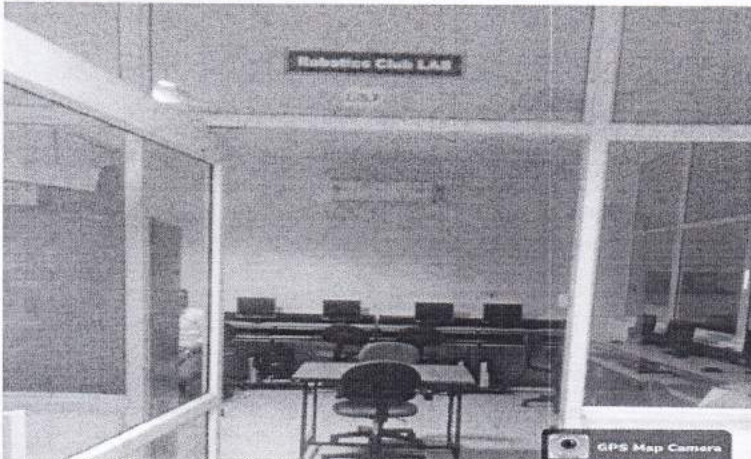


**Inner View**





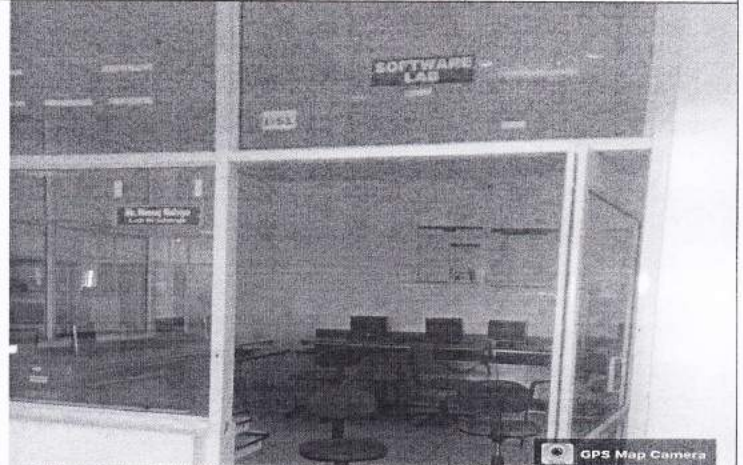
**Robotics club lab**



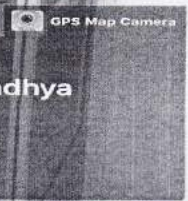
Dehri, Madhya Pradesh, India  
IIST Approach Rd, Rau, Dehri, Madhya Pradesh  
453332, India  
Lat 22.629037° Long 75.781247°  
09/09/21 03:30 PM



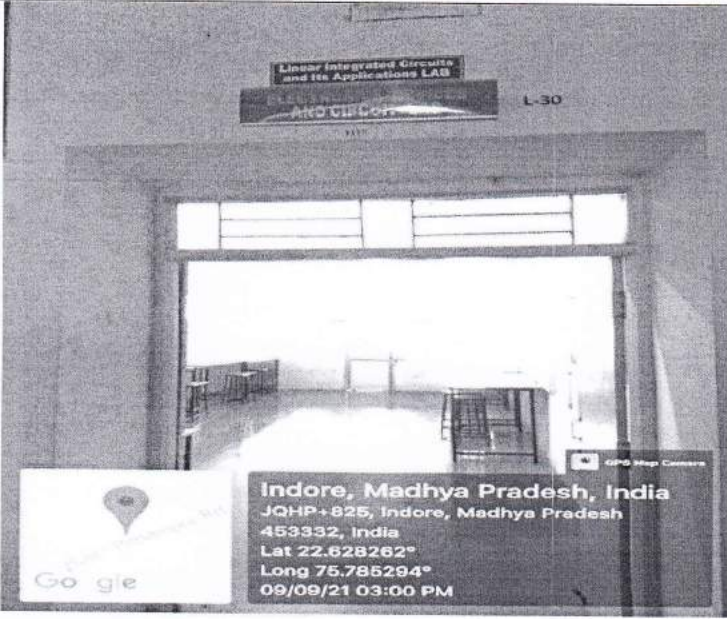
**Software Lab**



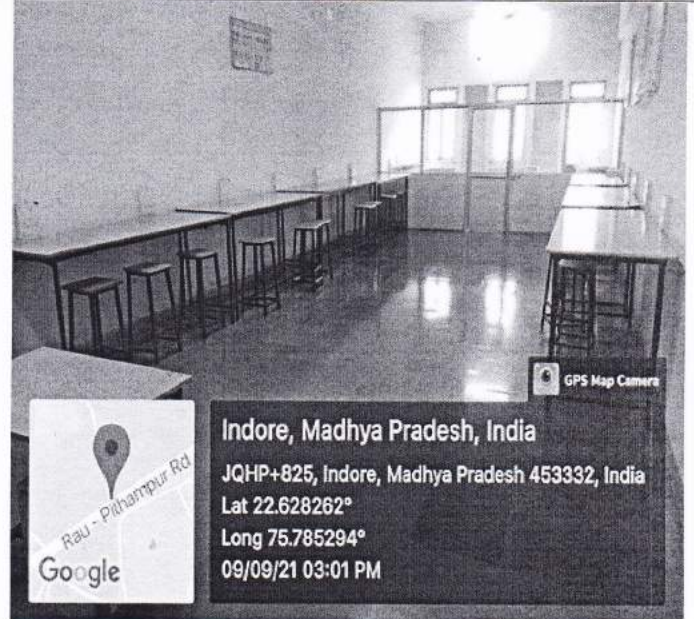
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IIST Approach Rd, Rau, Dehri, Madhya Pradesh  
453332, India  
Lat 22.629105° Long 75.781234°  
16/12/21 03:21 PM



**Electronic Device & Circuit Lab**



Indore, Madhya Pradesh, India  
JQHP+825, Indore, Madhya Pradesh  
453332, India  
Lat 22.628262°  
Long 75.785294°  
09/09/21 03:00 PM

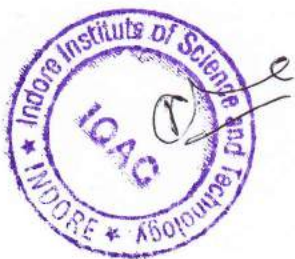


Indore, Madhya Pradesh, India  
JQHP+825, Indore, Madhya Pradesh 453332, India  
Lat 22.628262°  
Long 75.785294°  
09/09/21 03:01 PM



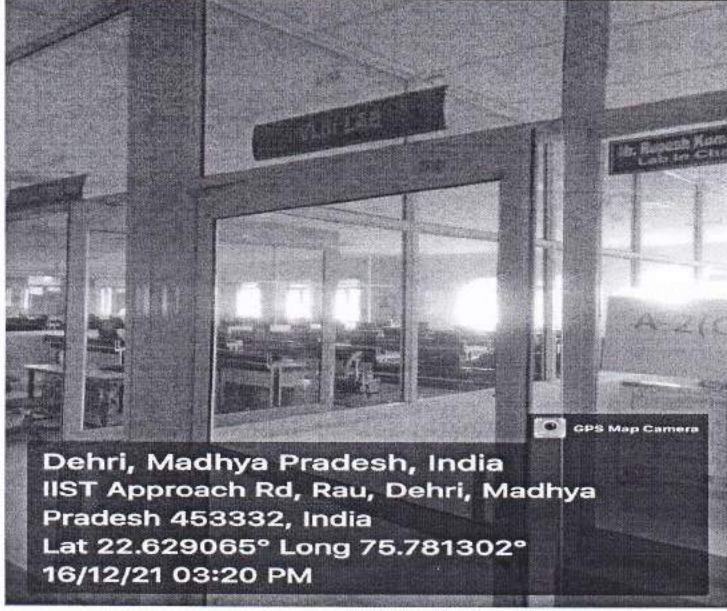
**Outer View**

**Inner View**





**VLSI Lab**



**Outer View**



**Inner View**



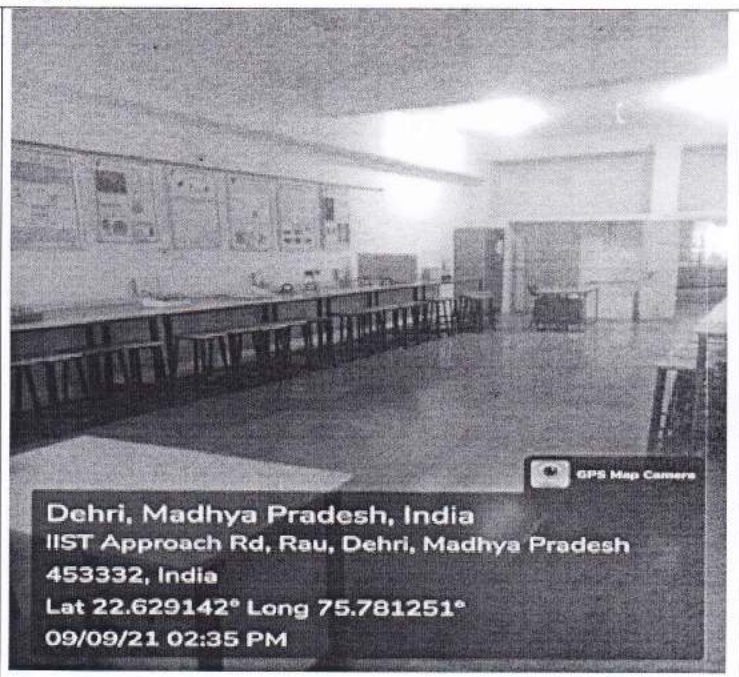


**Geotagged Photo of ESH Department Laboratories**

**Physics lab**

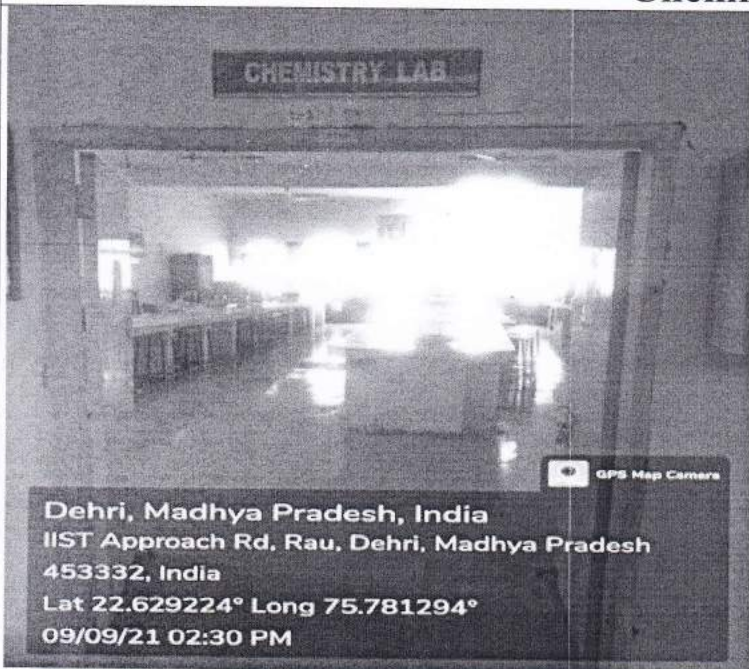


**Outer View**

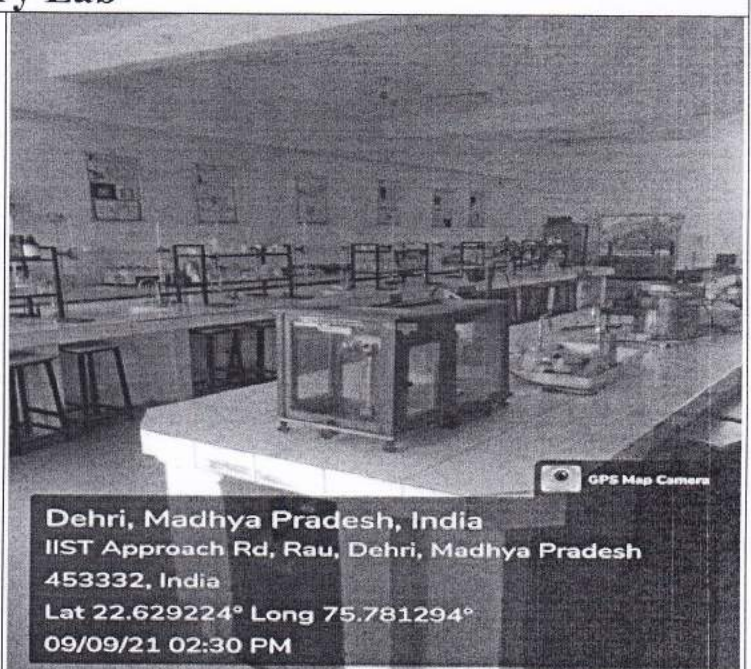


**Inner View**

**Chemistry Lab**



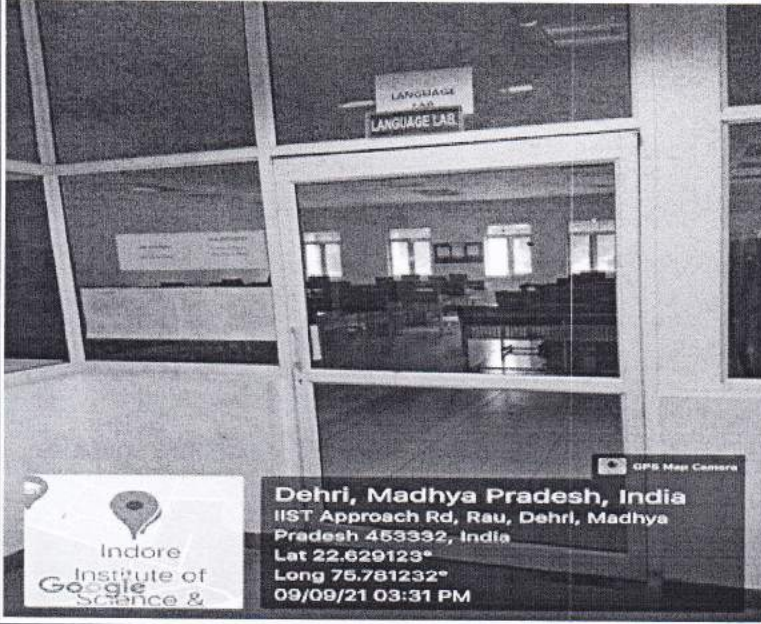
**Outer View**



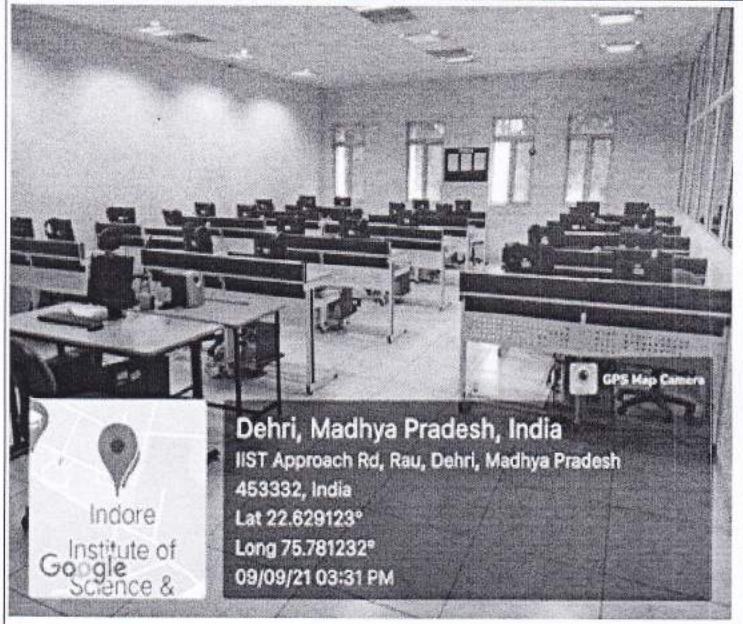
**Inner View**



**Language Lab**

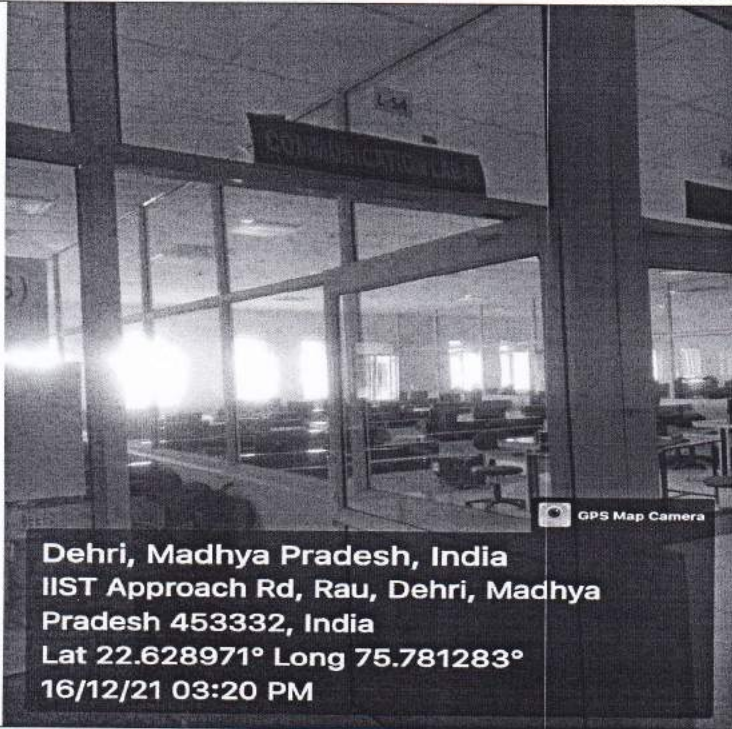


**Outer View**

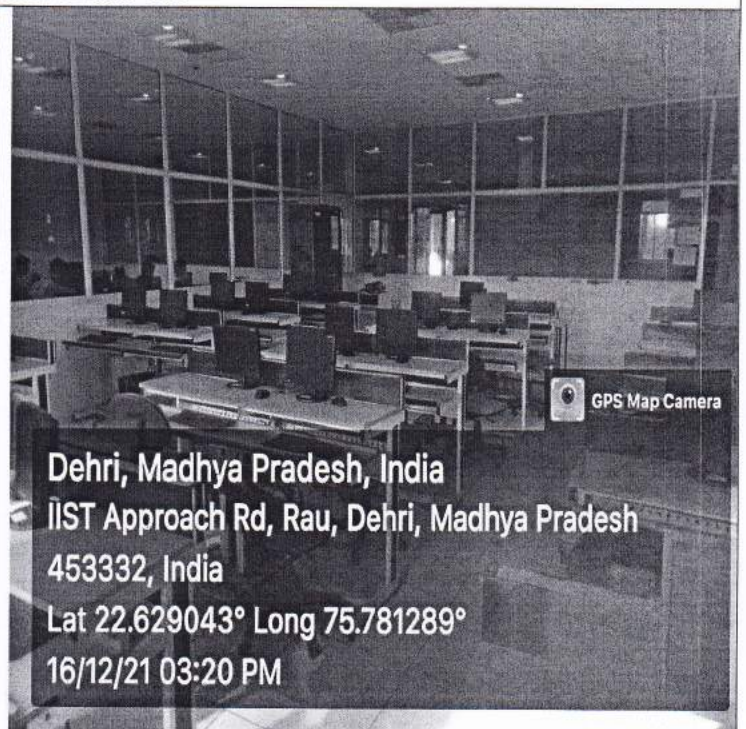


**Inner View**

**Communication Lab-II**



**Outer View**



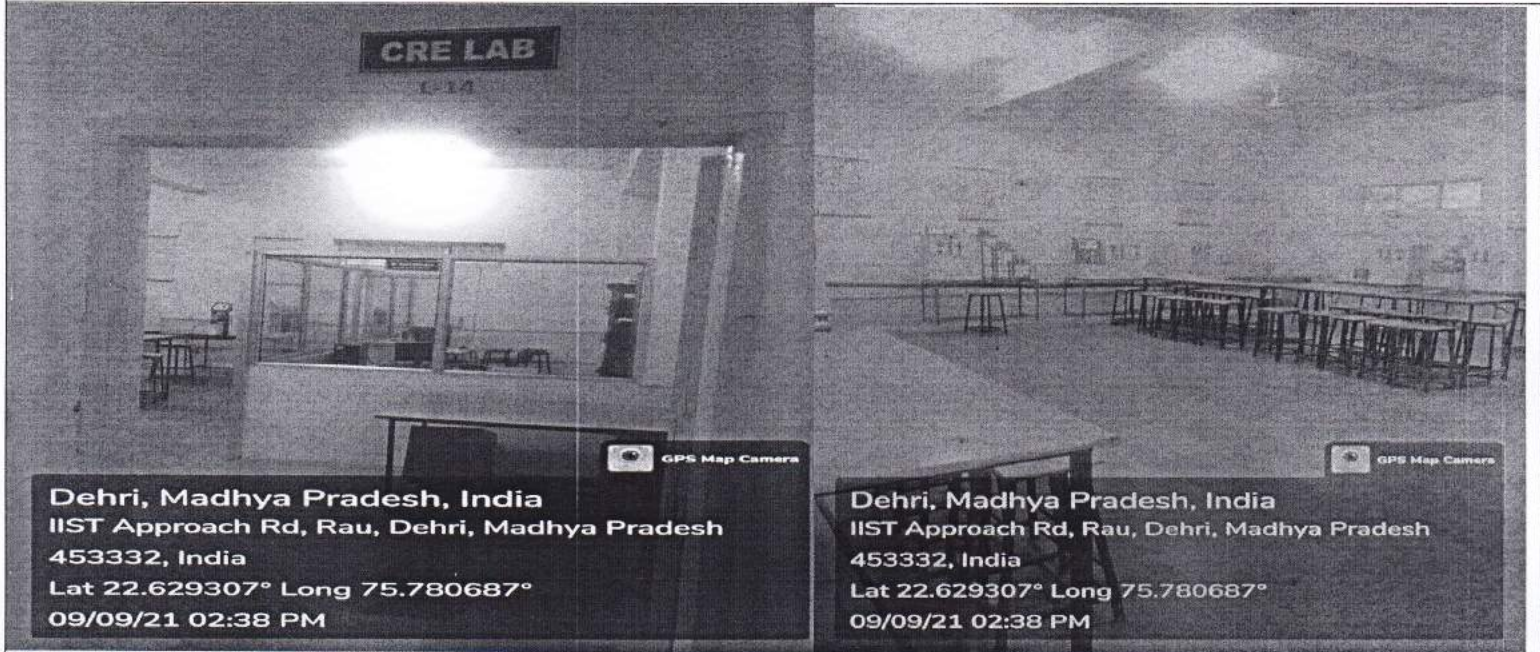
**Inner View**





**Geotagged Photo of Chemical Engineering Department Laboratories**

**CRE Lab**



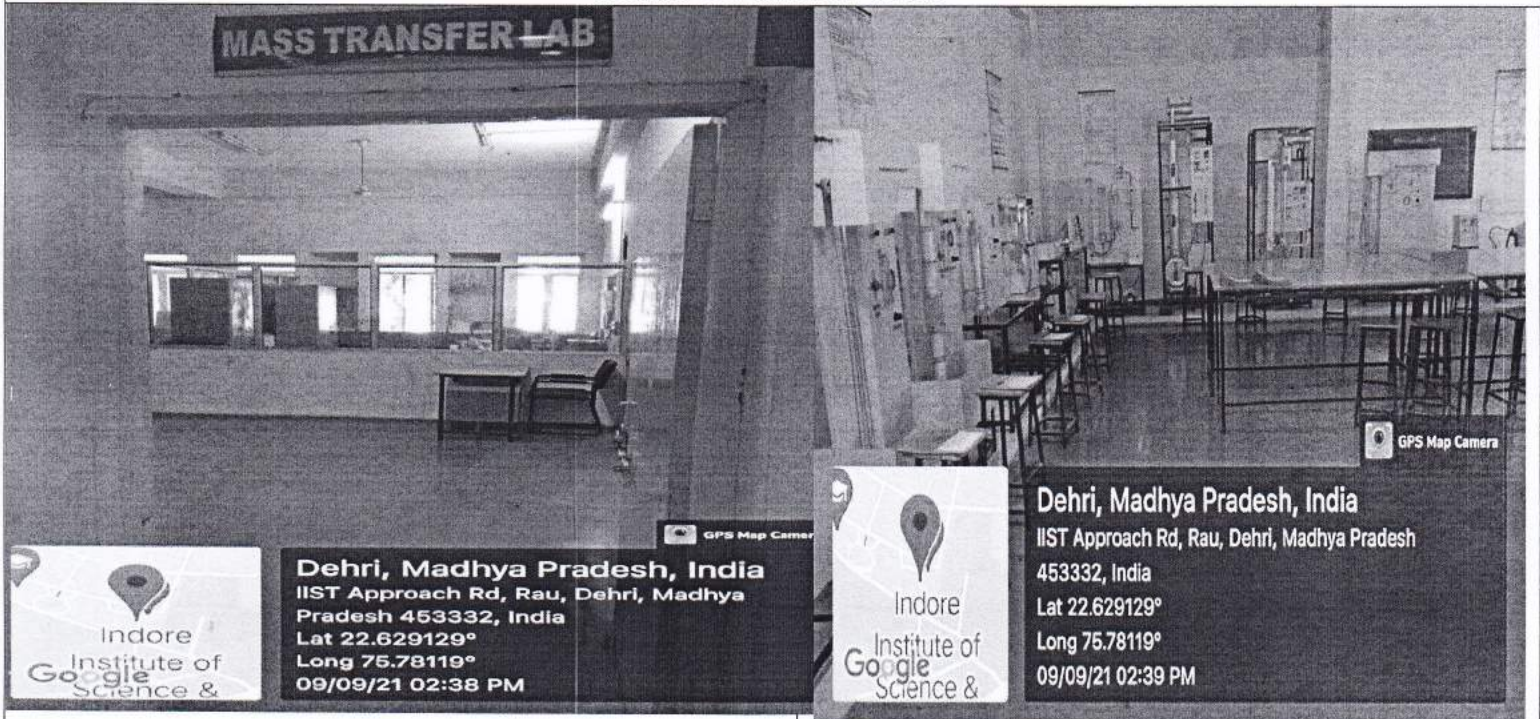
Dehri, Madhya Pradesh, India  
IIST Approach Rd, Rau, Dehri, Madhya Pradesh  
453332, India  
Lat 22.629307° Long 75.780687°  
09/09/21 02:38 PM

Dehri, Madhya Pradesh, India  
IIST Approach Rd, Rau, Dehri, Madhya Pradesh  
453332, India  
Lat 22.629307° Long 75.780687°  
09/09/21 02:38 PM

**Outer View**

**Inner View**

**Mass Transfer Lab**



Dehri, Madhya Pradesh, India  
IIST Approach Rd, Rau, Dehri, Madhya Pradesh  
453332, India  
Lat 22.629129°  
Long 75.78119°  
09/09/21 02:38 PM

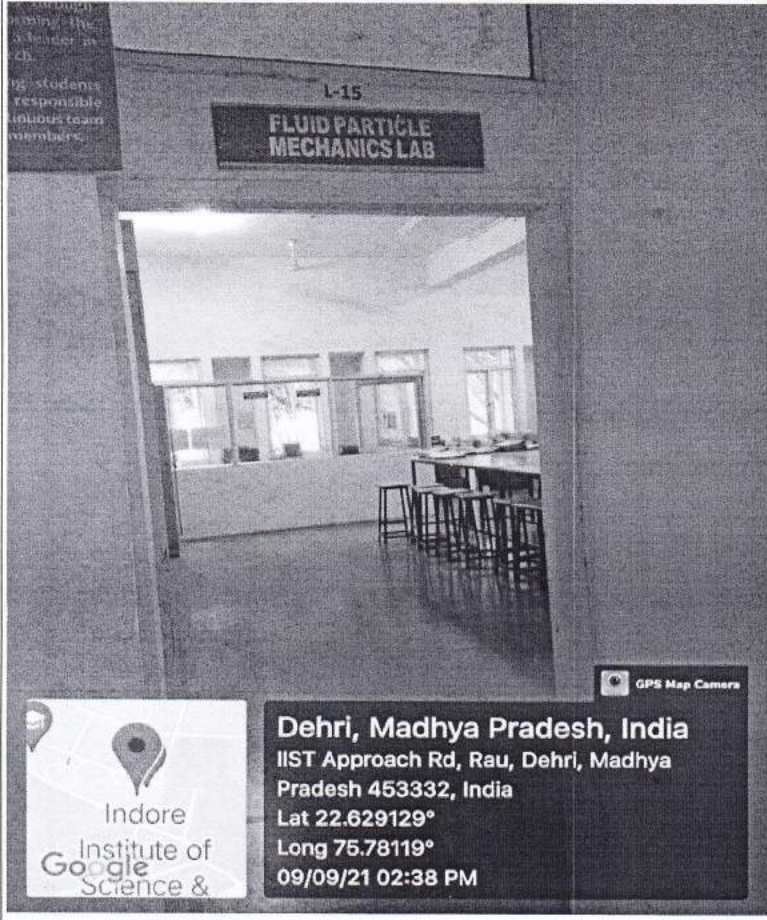
Dehri, Madhya Pradesh, India  
IIST Approach Rd, Rau, Dehri, Madhya Pradesh  
453332, India  
Lat 22.629129°  
Long 75.78119°  
09/09/21 02:39 PM

**Outer View**

**Inner View**

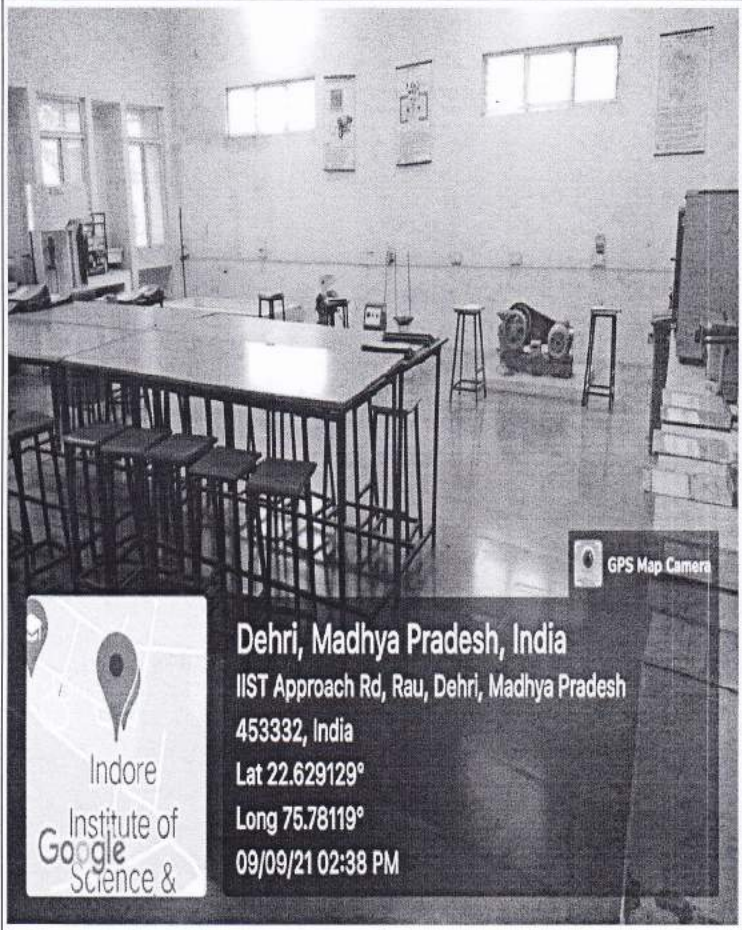


**Fluid Particles Mechanics Lab**



Indore  
Institute of  
Science &  
Technology

Dehri, Madhya Pradesh, India  
IIST Approach Rd, Rau, Dehri, Madhya Pradesh 453332, India  
Lat 22.629129°  
Long 75.78119°  
09/09/21 02:38 PM



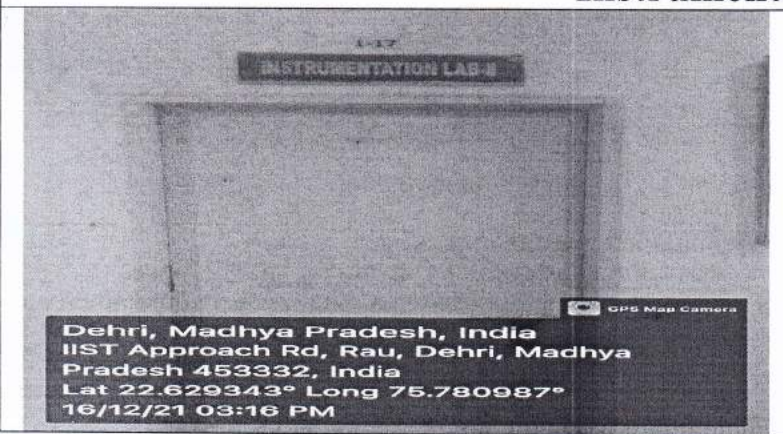
Indore  
Institute of  
Science &  
Technology

Dehri, Madhya Pradesh, India  
IIST Approach Rd, Rau, Dehri, Madhya Pradesh 453332, India  
Lat 22.629129°  
Long 75.78119°  
09/09/21 02:38 PM

**Outer View**

**Inner View**

**Instrumentation Lab**



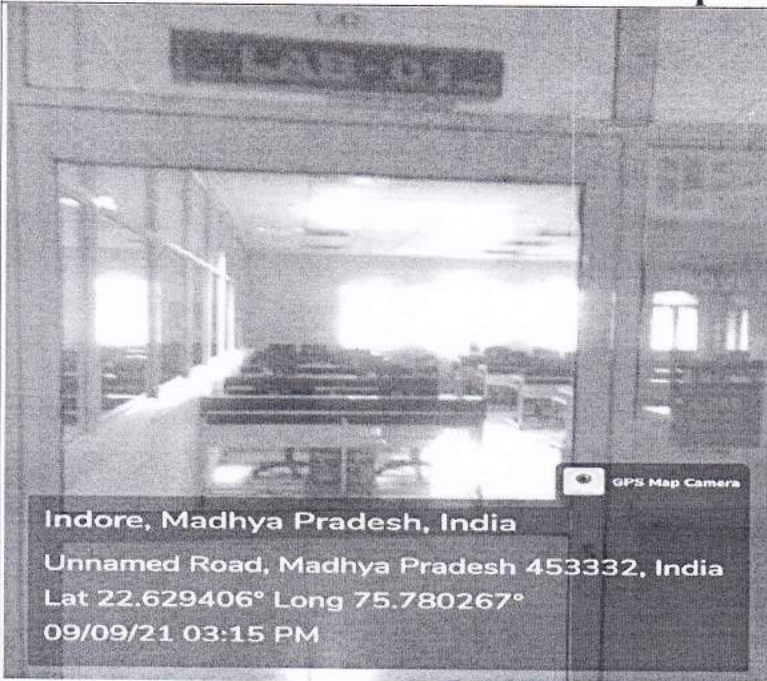
Dehri, Madhya Pradesh, India  
IIST Approach Rd, Rau, Dehri, Madhya Pradesh 453332, India  
Lat 22.629343° Long 75.780987°  
16/12/21 03:16 PM





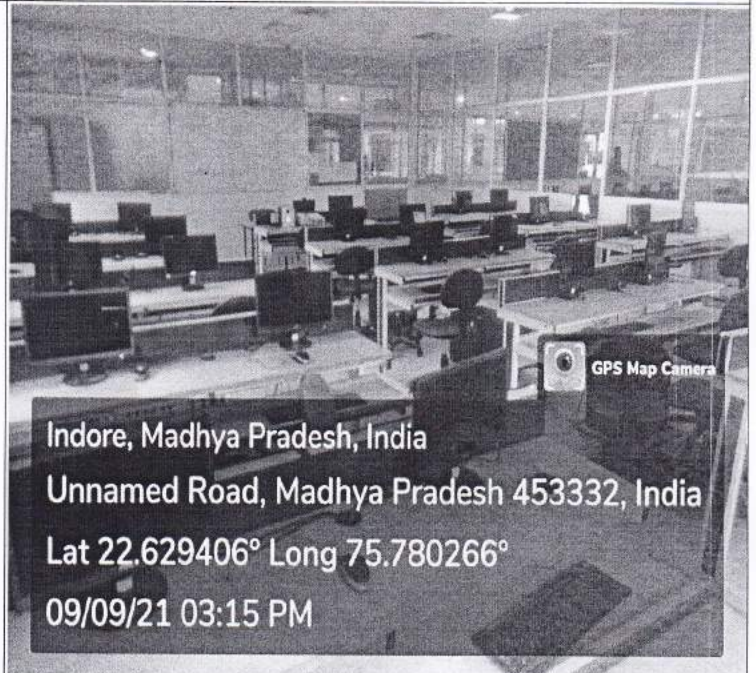
**Geotagged Photo of CS / IT / AIML Department Laboratories**

**Computer Lab 01**



Indore, Madhya Pradesh, India  
 Unnamed Road, Madhya Pradesh 453332, India  
 Lat 22.629406° Long 75.780267°  
 09/09/21 03:15 PM

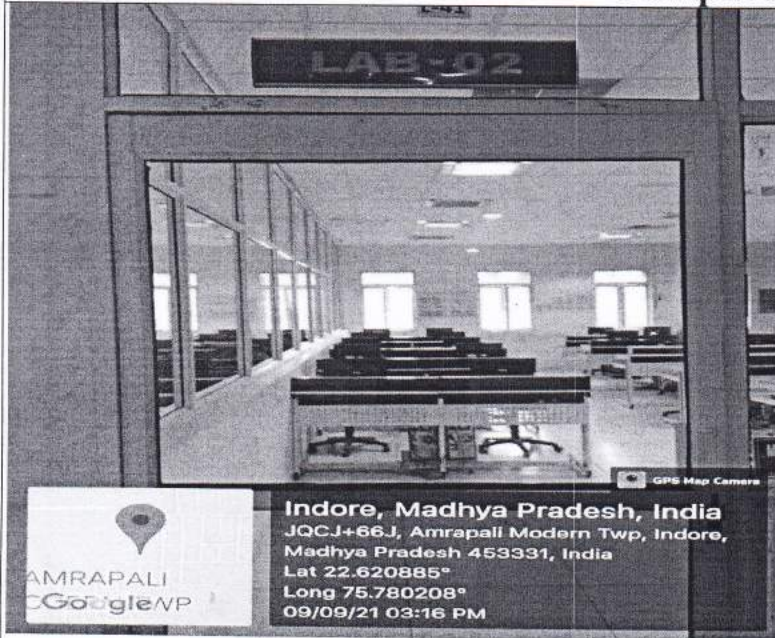
**Outer View**



Indore, Madhya Pradesh, India  
 Unnamed Road, Madhya Pradesh 453332, India  
 Lat 22.629406° Long 75.780266°  
 09/09/21 03:15 PM

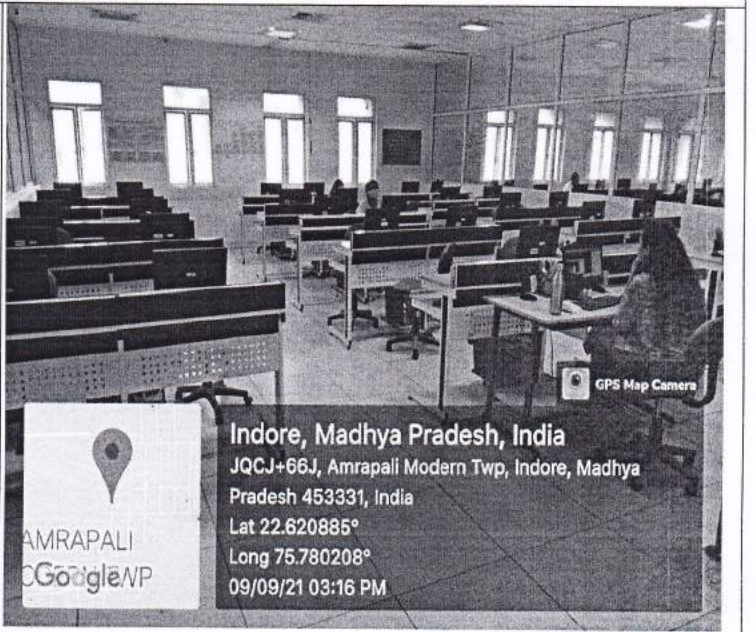
**Inner View**

**Computer Lab 02**



AMRAPALI  
 Google WP  
 Indore, Madhya Pradesh, India  
 JQCJ+66J, Amrapali Modern Twp, Indore, Madhya Pradesh 453331, India  
 Lat 22.620885°  
 Long 75.780208°  
 09/09/21 03:16 PM

**Outer View**



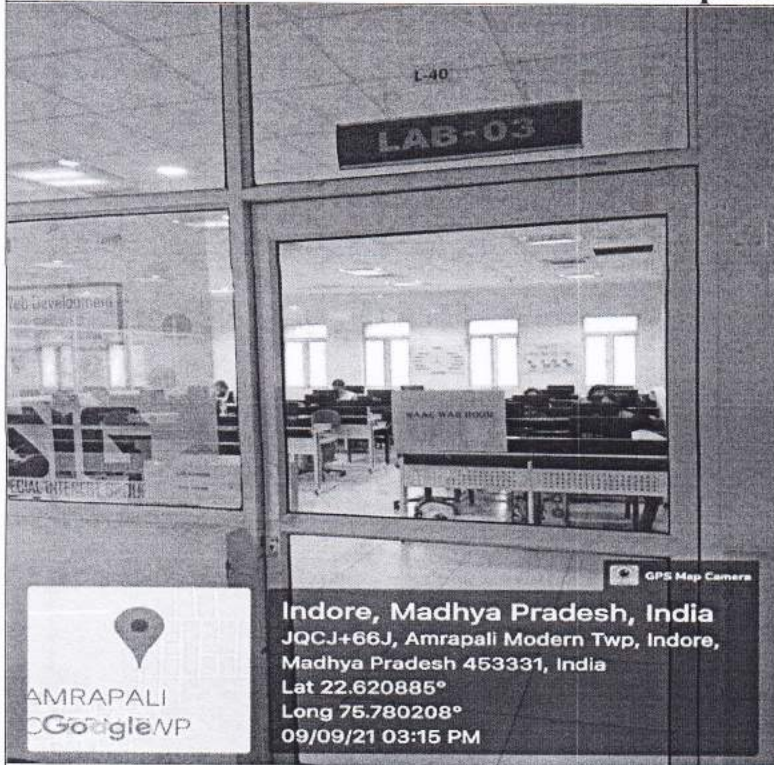
AMRAPALI  
 Google WP  
 Indore, Madhya Pradesh, India  
 JQCJ+66J, Amrapali Modern Twp, Indore, Madhya Pradesh 453331, India  
 Lat 22.620885°  
 Long 75.780208°  
 09/09/21 03:16 PM

**Inner View**





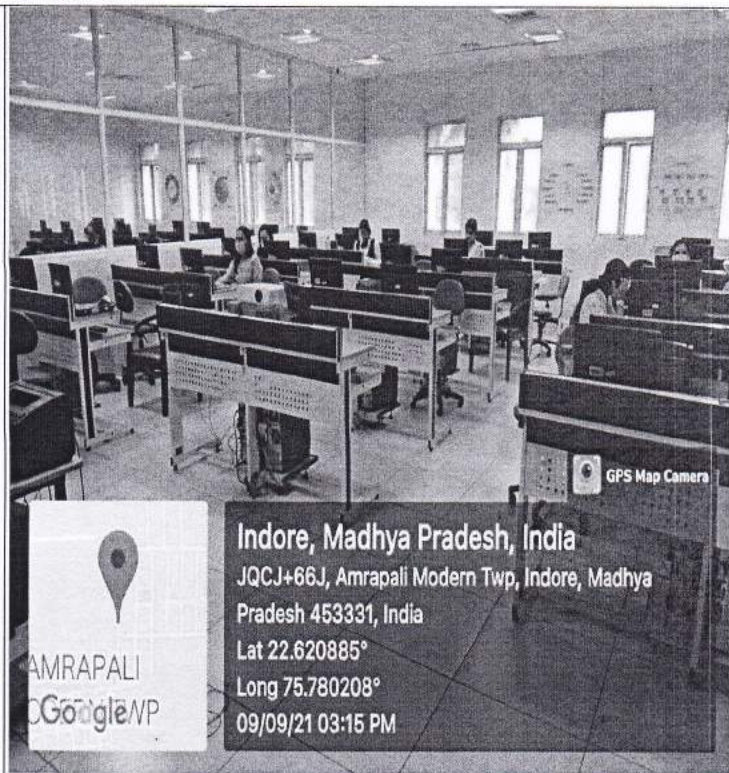
## Computer Lab 03



AMRAPALI  
Google/MP

Indore, Madhya Pradesh, India  
JQCJ+66J, Amrapali Modern Twp, Indore,  
Madhya Pradesh 453331, India  
Lat 22.620885°  
Long 75.780208°  
09/09/21 03:15 PM

Outer View

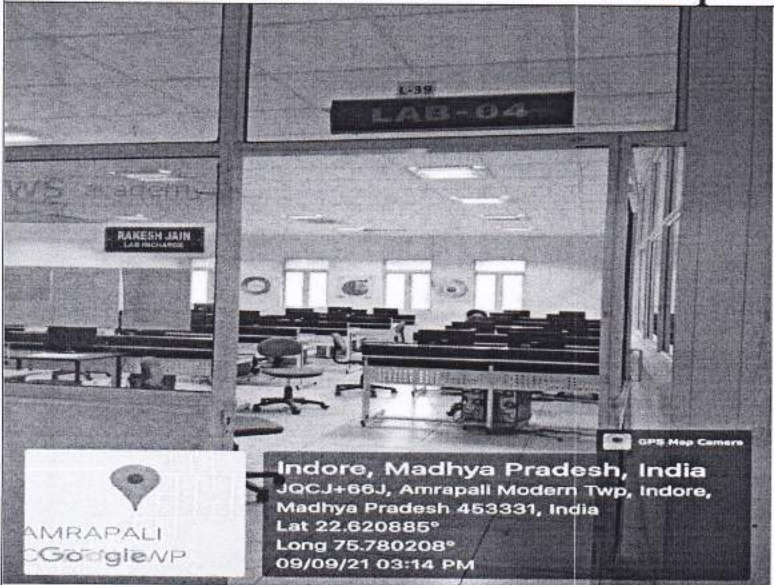


AMRAPALI  
Google/MP

Indore, Madhya Pradesh, India  
JQCJ+66J, Amrapali Modern Twp, Indore, Madhya  
Pradesh 453331, India  
Lat 22.620885°  
Long 75.780208°  
09/09/21 03:15 PM

Inner View

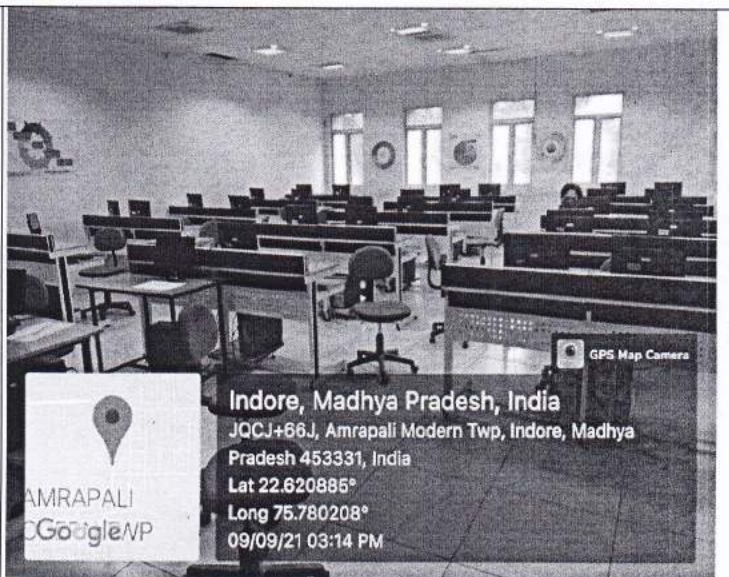
## Computer Lab 04



AMRAPALI  
Google/MP

Indore, Madhya Pradesh, India  
JQCJ+66J, Amrapali Modern Twp, Indore,  
Madhya Pradesh 453331, India  
Lat 22.620885°  
Long 75.780208°  
09/09/21 03:14 PM

Outer View



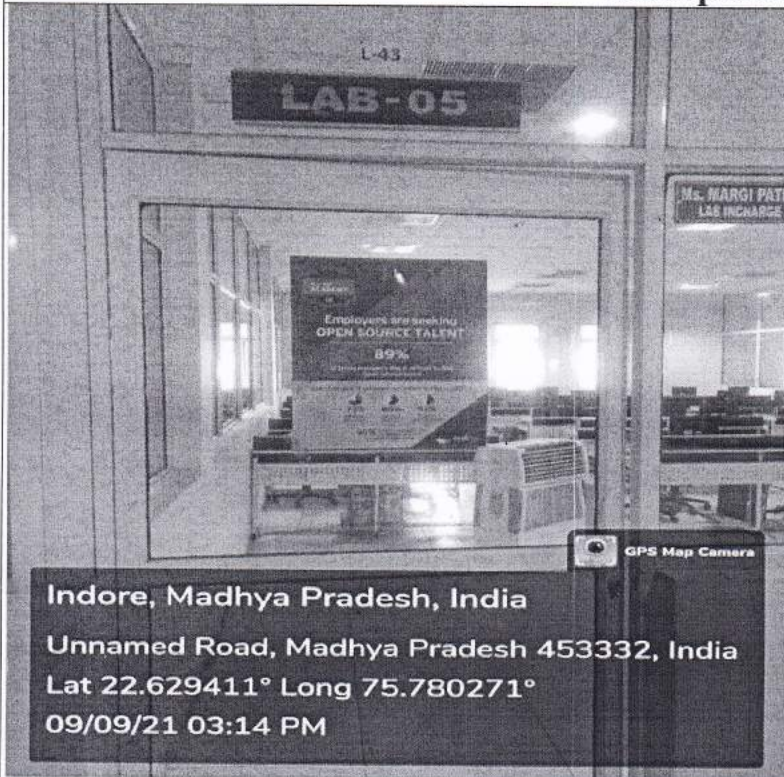
AMRAPALI  
Google/MP

Indore, Madhya Pradesh, India  
JQCJ+66J, Amrapali Modern Twp, Indore, Madhya  
Pradesh 453331, India  
Lat 22.620885°  
Long 75.780208°  
09/09/21 03:14 PM

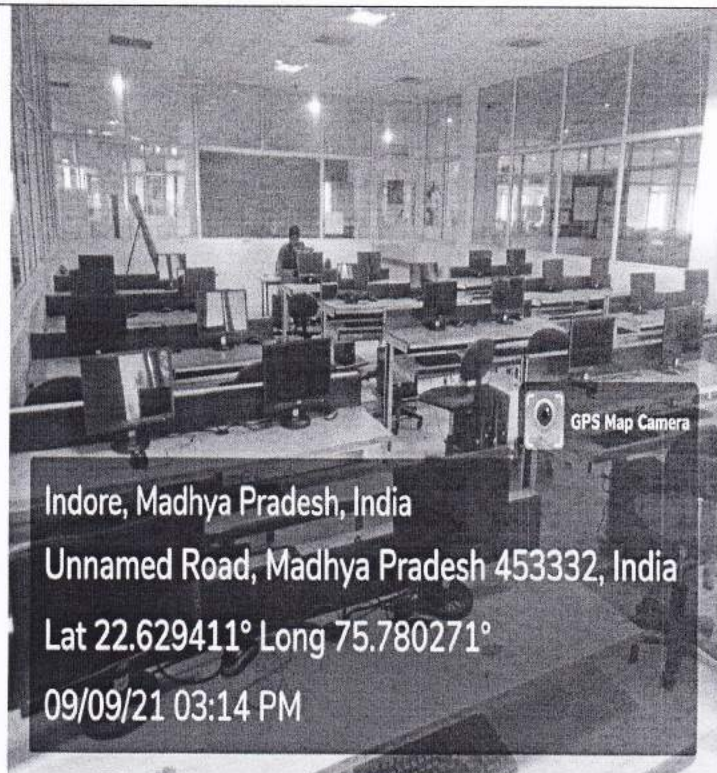
Inner View



**Computer Lab 05**

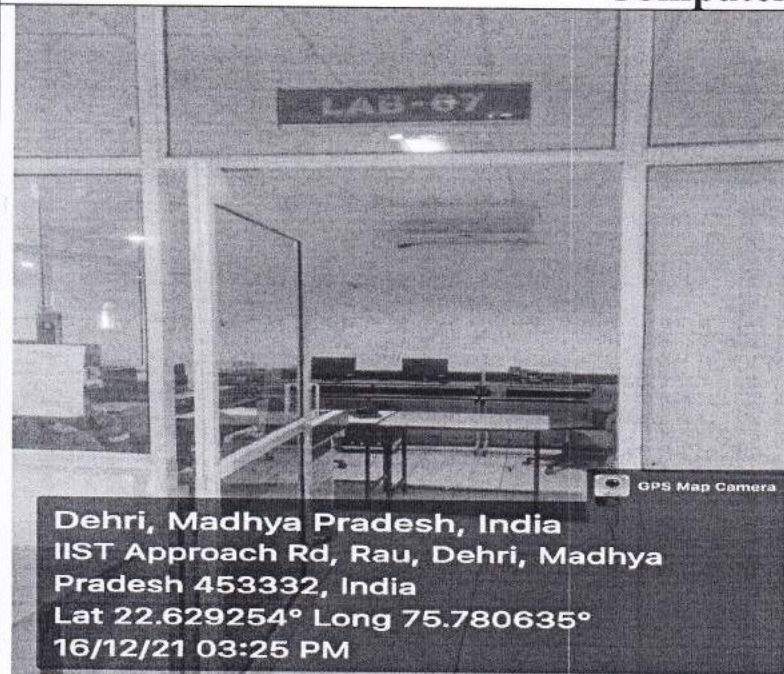


**Outer View**

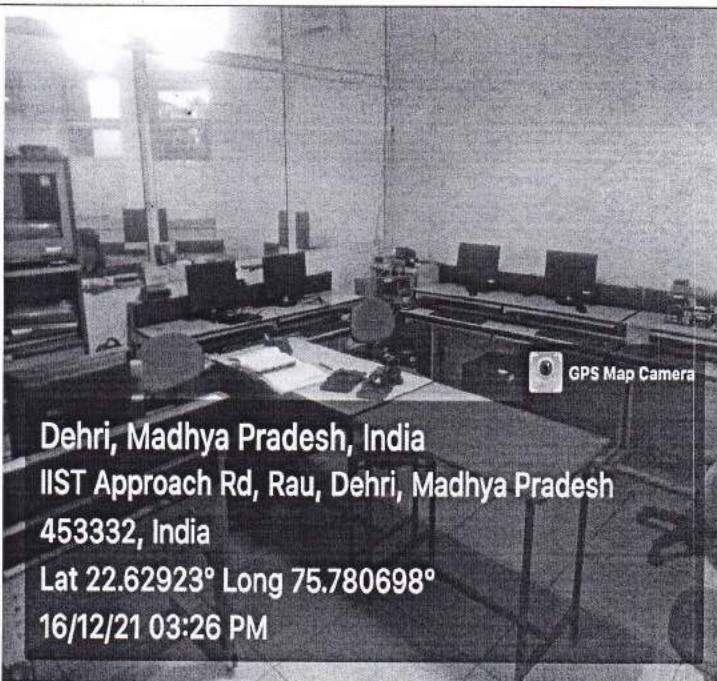


**Inner View**

**Computer Lab 07**



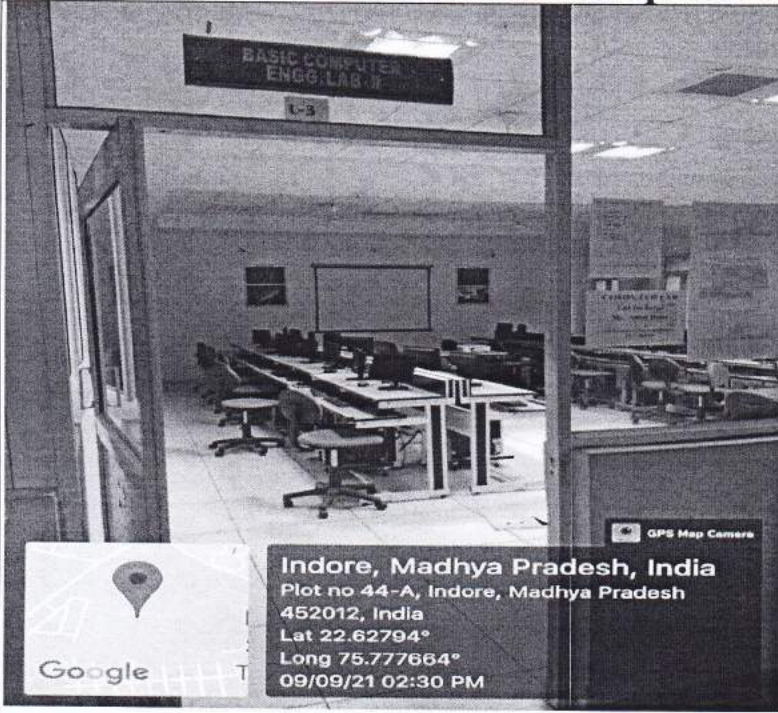
**Outer View**



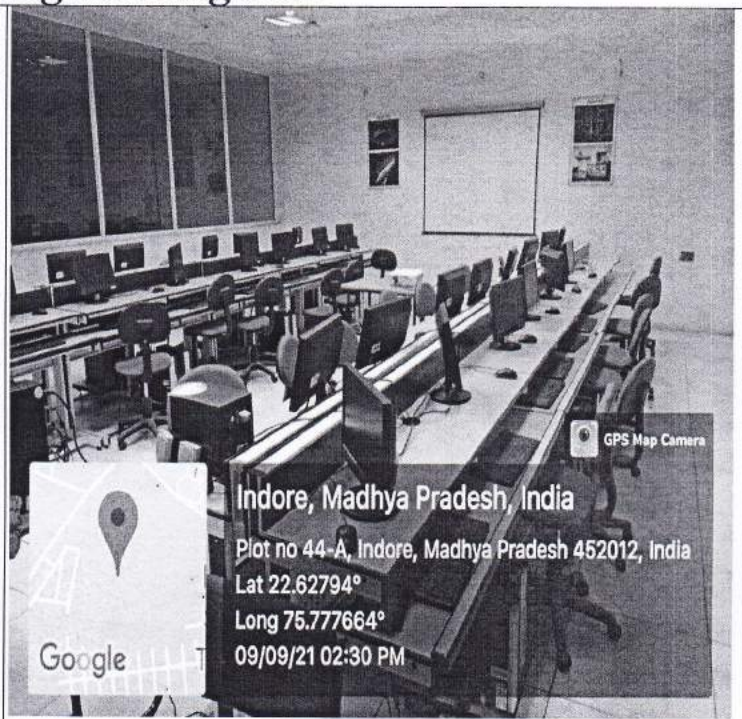
**Inner View**



**Basic Computer Engineering Lab**

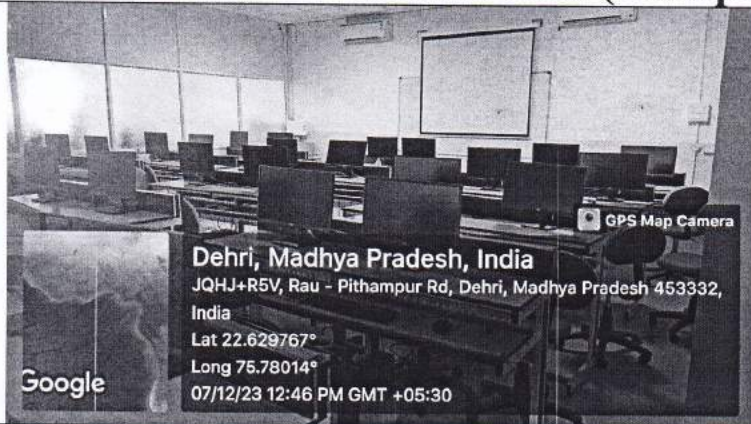


**Outer View**

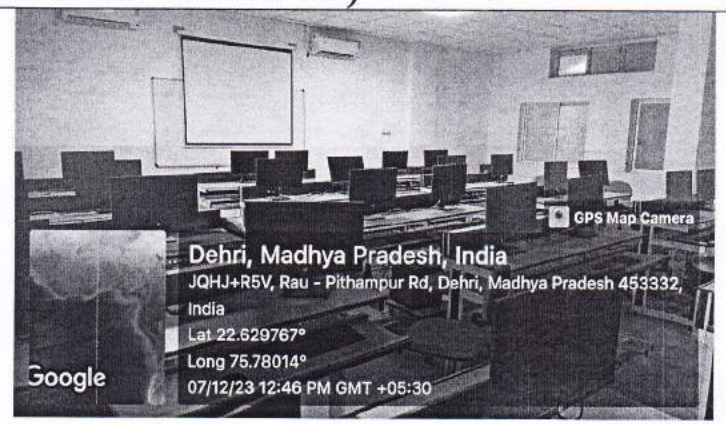


**Inner View**

**AIML Lab (Computer Lab – 08 & 09)**



**Outer View**

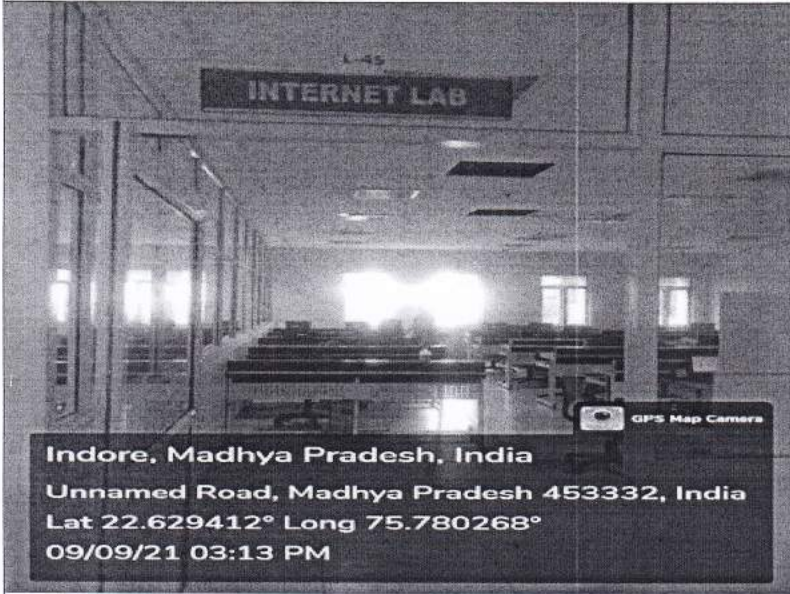


**Inner View**

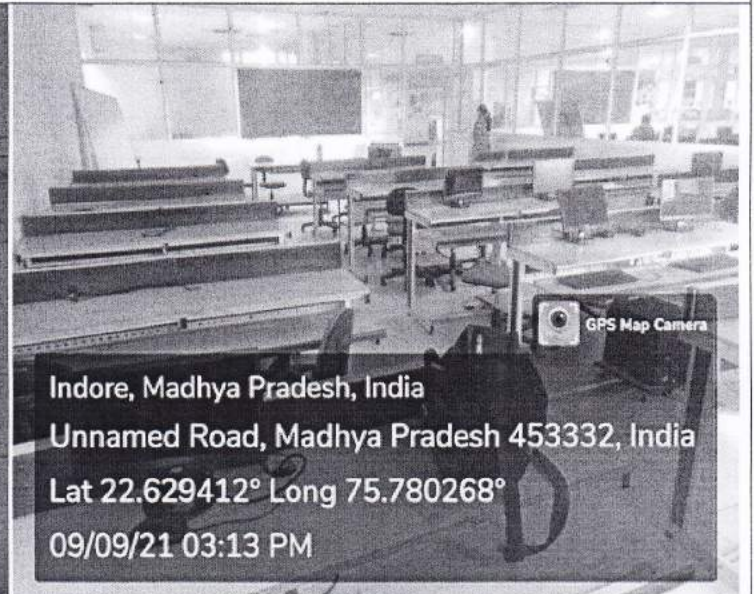




**Internet Lab**

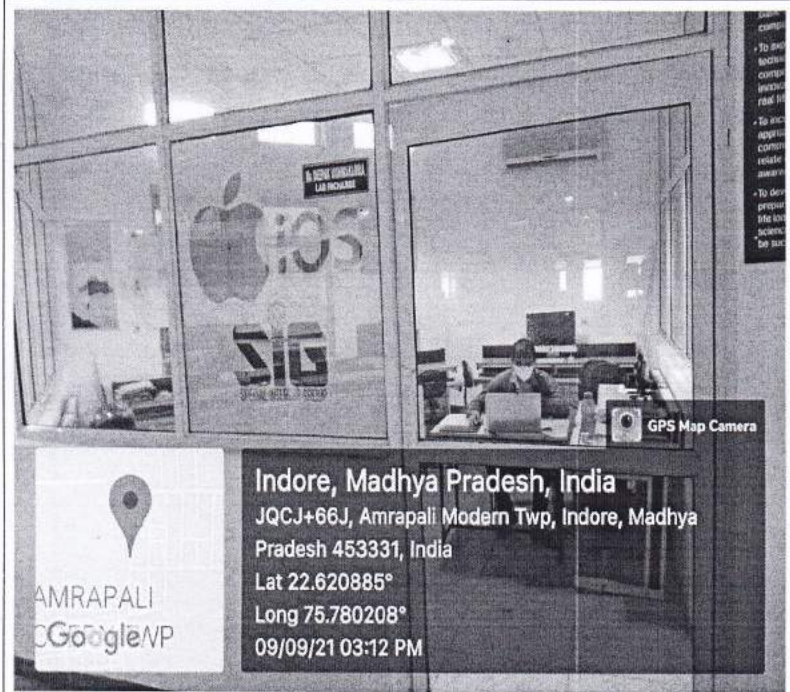


**Outer View**

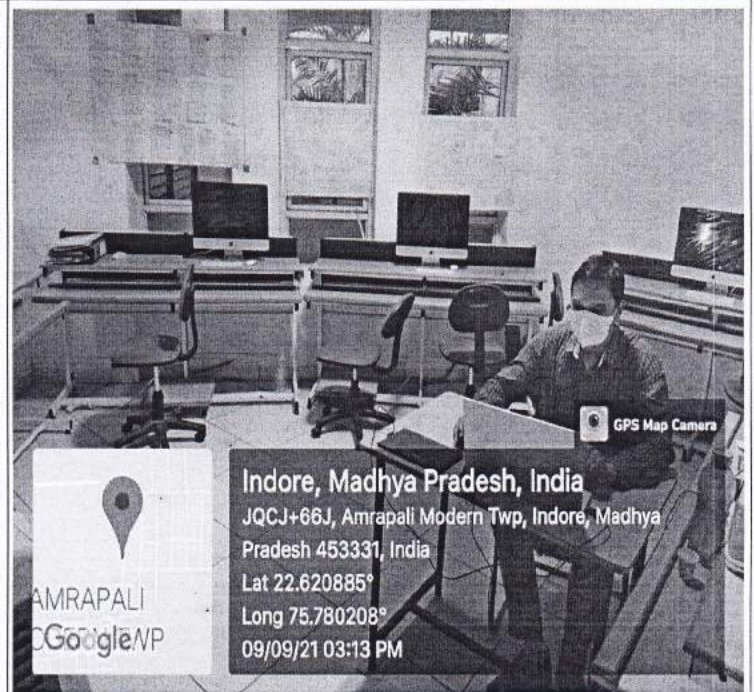


**Inner View**

**iOS Lab**



**Outer View**

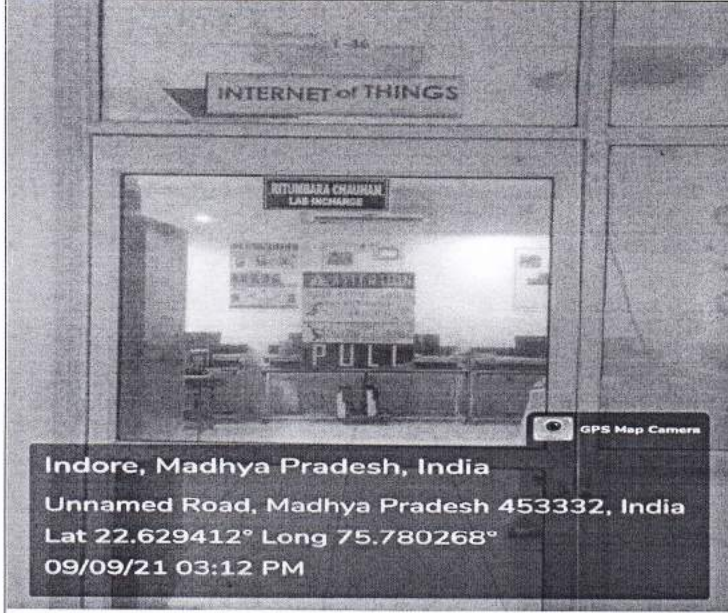


**Inner View**





**IoT Lab**



Indore, Madhya Pradesh, India  
 Unnamed Road, Madhya Pradesh 453332, India  
 Lat 22.629412° Long 75.780268°  
 09/09/21 03:12 PM

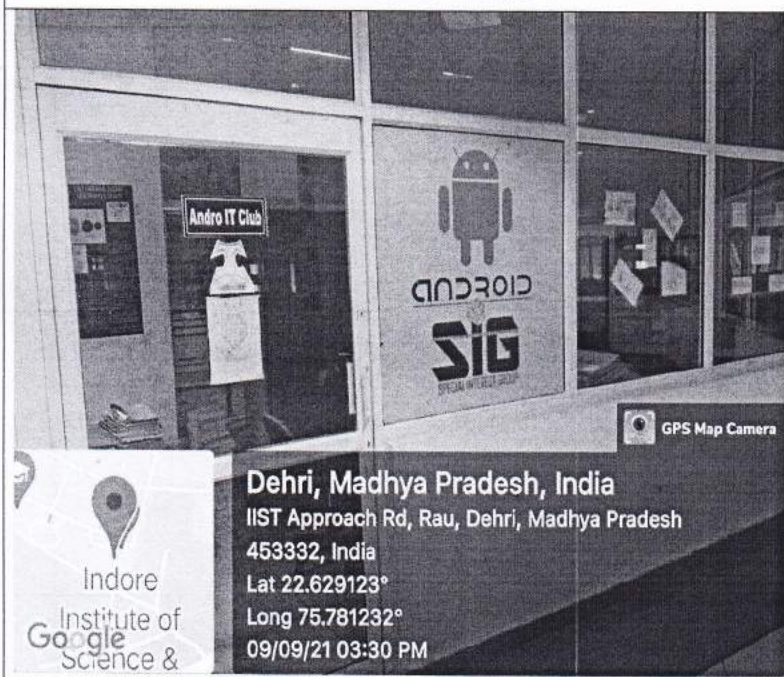
**CSE IoT Lab**



Dehri, Madhya Pradesh, India  
 IIST Approach Rd, Rau, Dehri, Madhya Pradesh  
 453332, India  
 Lat 22.629123°  
 Long 75.781232°  
 09/09/21 03:30 PM

**ECE IoT Lab**

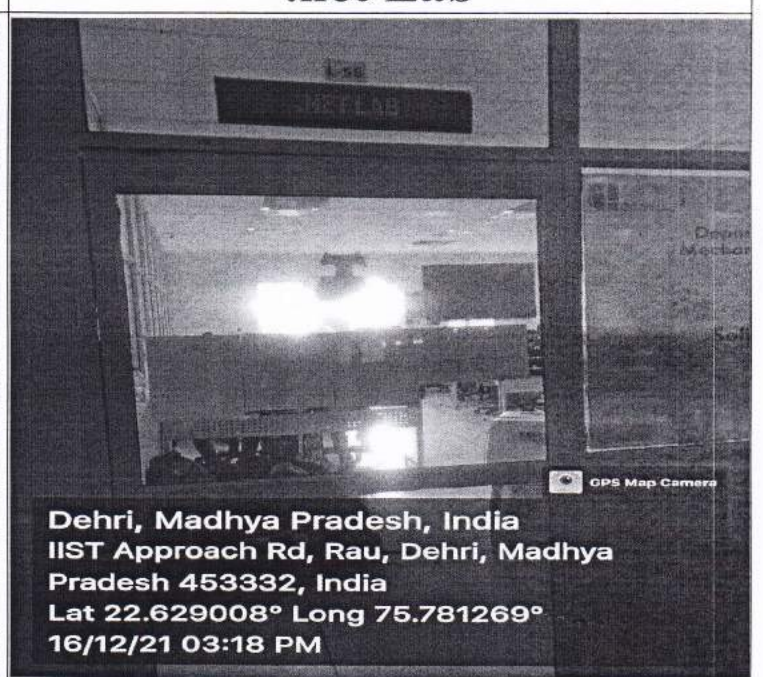
**Android Lab**



Dehri, Madhya Pradesh, India  
 IIST Approach Rd, Rau, Dehri, Madhya Pradesh  
 453332, India  
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 Long 75.781232°  
 09/09/21 03:30 PM

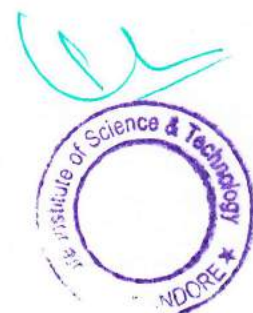
**Android Lab**

**.net Lab**



Dehri, Madhya Pradesh, India  
 IIST Approach Rd, Rau, Dehri, Madhya  
 Pradesh 453332, India  
 Lat 22.629008° Long 75.781269°  
 16/12/21 03:18 PM

**.net Lab**



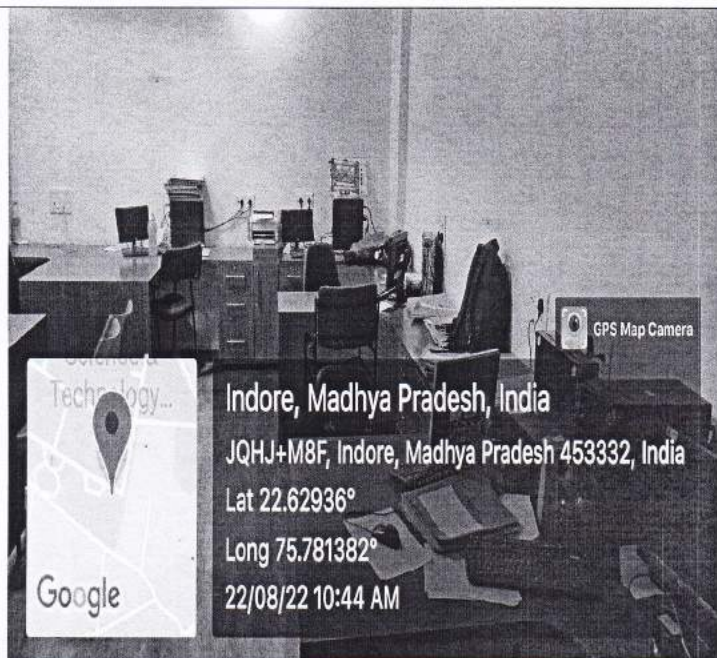


**Geotagged Photo of Incubation Facility**

**CARE Lab**



**Outer View**



**Update CARE Lab**





## List of License Software

### Indore Institute of Science & Technology

#### License Software Detail

S.No.	License Software Name	Category
1	Microsoft Campus Agreement	Yearly Renewal
2	Microsoft Office 365 for Student & Faculty	
3	Windows 7 Base License	Base License
4	Microsoft Windows XP	Base License
5	Microsoft Windows 2003 Enterprise Server / Standard Server	Base License
6	Turbo C++ Suite	Perpetual
7	Oracle 9i Database	Perpetual
8	Oracle Application Server 10 G	Perpetual
9	ANSI C	Perpetual
10	VC++ Suite	Perpetual
11	Xilinx (7.1 i)	Perpetual
12	Modelim (5.5 e)	Perpetual
13	Microwind	Perpetual
14	NI LAB View	Perpetual
15	MATLAB 2010B	Perpetual
16	CADFEKO	Perpetual
17	Tinapro	Perpetual
18	ETML Language Lab	Perpetual
19	NO6	Perpetual
20	Solid Edge	Perpetual
21	Ansys 12.1	Perpetual
22	AutoCad 2016	Perpetual
23	CHEMCAD	Perpetual
24	IBM SPSS	Perpetual
25	Quickheal Admin Console Antivirus	3 year Renewal
26	Tableau	Open Source

*[Handwritten Signature]*  
System Administrator

IST/ITP/ISSR

*[Handwritten Signature]*  
Principal  
Indore Institute of Science  
and Technology, Indore





## List of lab equipment and computing facilities of CS / IT / AIML Department

Department of CS / IT / AIML				
S.No.	Computer Lab Name & Location	Make & Model	Configuration	No of System
1	COMPUTER LAB -1 Computer Centre C Block	DELL-OptiPlex 5000	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	30
2	COMPUTER LAB 2 – Computer Centre C Block	DELL-OptiPlex 5000	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	30
3	COMPUTER LAB 3 – Computer Centre C Block	DELL-OptiPlex 5000	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	30
4	COMPUTER LAB 4 – Computer Centre C Block	DELL-OptiPlex 5000	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	30
5	COMPUTER LAB 5 – Computer Centre C Block	HP 600 G9	Intel i7-12700 12 <sup>th</sup> Gen , 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22" IPS LED, Keyboard, Mouse with Windows 11 OEM	30
6	INTERNET LAB– Computer Centre C Block	HP 600 G9	Intel i7-12700 12 <sup>th</sup> Gen with 4 GB GPU , 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22" IPS LED, Keyboard, Mouse with Windows 11 OEM	30
7	Internet of Things (CSE)	HP 600 G9	Intel i7-12700 12 <sup>th</sup> Gen with 4 GB GPU , 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22" IPS LED, Keyboard, Mouse with Windows 11 OEM	5
		HP 600 G9	Intel i7-12700 12 <sup>th</sup> Gen, 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22" IPS LED, Keyboard, Mouse with Windows 11 OEM	10
8	IOS LAB – Computer Centre C Block	Apple	Apple - All in One System	5
9	.Net Lab – Computer Centre "A" Block	DELL	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	30



10	AIML LAB-1	HP 600 G9	Intel i7-12700 12 <sup>th</sup> Gen with 4 GB GPU , 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22" IPS LED, Keyboard, Mouse with Windows 11 OEM	31
11	AIML Lab-2	HP 600 G9	Intel i7-12700 12 <sup>th</sup> Gen with 4 GB GPU , 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22" IPS LED, Keyboard, Mouse with Windows 11 OEM	31
12	Basic Computer Lab-II	HP 400 G9	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	5
		HP 600 G9	Intel i7-12700 12 <sup>th</sup> Gen with 4 GB GPU , 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22" IPS LED, Keyboard, Mouse with Windows 11 OEM	15
		DELL OptiPlex 5000	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	10
13	BCP-I		Intel i3 3.3 GHz, 12 GB RAM, 250 GB SSD, 500 GB HDD, Intel DH61 Mother Board, 22" LED Samsung Monitor, Keyboard , Mouse	31
14	Andro IT Lab	HP 400 G9	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	3
15	Lab 7		Intel i3 3.3 GHz, 12 GB RAM, 250 GB SSD, 500 GB HDD, Intel DH61 Mother Board, 22" LED Samsung Monitor, Keyboard , Mouse	10





## List of lab equipment and computing facilities of ECE Department

Department of Electronics and Communication				
S.No.	Computer Lab Name& Location	Make & Model	Configuration	No of System
1	VLSI Lab – Computer Centre “A” Block		Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22” LED Monitor, Keyboard, Mouse with Windows 11 OEM	30
2	MATLAB Lab	HP 400 G9	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22” LED Monitor, Keyboard, Mouse with Windows 11 OEM	30
3	IOT ECE	HP 600 G9	Intel i7-12700 12 <sup>th</sup> Gen with 4 GB GPU , 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22” IPS LED, Keyboard, Mouse with Windows 11 OEM	5
		HP 600 G9	Intel i7-12700 12 <sup>th</sup> Gen, 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22” IPS LED, Keyboard, Mouse with Windows 11 OEM	10
4	Project Lab	-	Intel i3 3.3 GHz, 12 GB RAM, 250 GB SSD, 500 GB HDD, Intel DH61 Mother Board, 22” LED Samsung Monitor, Keyboard , Mouse	2
5	e-Yantra Lab	DELL OptiPlex 5000	Intel i3 3.3 GHz, 12 GB RAM, 250 GB SSD, 500 GB HDD, Intel DH61 Mother Board, 22” LED Samsung Monitor, Keyboard , Mouse	2
6	Robotics CLUB LAB	DELL OptiPlex 5000	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22” LED Monitor, Keyboard, Mouse with Windows 11 OEM	10





## List of lab equipment and computing facilities of ME/CE/CM and ESH Department

Department of ME / CE/ CM & ESH				
S.No.	Computer Lab Name& Location	Make & Model	Configuration	No of System
1	Computer Integrated Manufacturing Lab		Intel i3 3.3 GHz, 12 GB RAM, 250 GB SSD, 500 GB HDD, Intel DH61 Mother Board, 22" LED Samsung Monitor, Keyboard , Mouse	30
2	CAE Lab	HP 400 G9	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	15
		HP 600 G9	Intel i7-12700 12 <sup>th</sup> Gen with 4 GB GPU , 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22" IPS LED, Keyboard, Mouse with Windows 11 OEM	15
3	Communication Lab-2	HP 400 G9	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	30
4	Language Lab	DELL OptiPlex 5000	Intel i5-12500 12 <sup>th</sup> Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-4 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	30





**List of lab equipment and computing facilities of Civil Engineering Department**

**DEPARTMENT OF CIVIL ENGINEERING**

**List of Equipment's- Lab wise**

S. No.	Name of Equipments	Qty	Sector to which it is related
1	Measuring tape glass fiber 30m.	3	Basic Civil Engg. & Surveying
2	Measuring tape metallic tape steel 15m.	1	
3	Measuring tape metallic tape steel 30m	4	
4	Metric chain 20m	5	
5	Metric chain 30m	5	
6	Ranging Rod 2m.	20	
7	Ranging Rod 3m.	20	
8	Chain Arrows	50	
9	Open cross staff in box (octagonal type)	6	
10	Dumpy level with stand	2	
11	Auto Level with stand	4	
12	Theodolite with stand	3	
13	Prismatic compass with stand (100mm .4")	6	
16	Spanner set ring	1	
17	Screwdriver set	1	
18	Leveling staff 4m-aluminium with telescopic type	12	
19	Surveyor's compass with stand made of brass body	2	
20	Plane table with stand & Accessories:---	6	
	1. Plumbing fork with plumb bob-----06		
	2. Spirit level-----06		
	3. Alidade (Plain)-----06		
	4. Trough compass-----06		
21	Slump cone test apparatus	3	Material Testing
22	Cylindrical Mould	2	
	Beam Mould	2	
23	Compression Testing Machine	1	
24	Vicat needle apparatus	3	
25	Hammer 800 gm	1	
26	Cube mold (7.06 x 7.06 x 7.06 CM) as per IS 10800.	3	
	Trowel	2	
	Tagari	1	





27	Dial gauge.	2	
28	Sieves G1 30 CM. Dia, Size 80,40,20,10 & 4.75mm.	5	
29	Sieves 20 CM. Dia, Size 4.75,2,36,1.18 mm & 600,300	5	
	Sieves 80,63,50,40,315,25,20,16,125,6.3,	10	
30	Vibration Machine With Timer.	1	
31	Compacting Factor Test apparatus.	2	
32	Phawda, Plier	1	
33	Trowel, Tagari, Spanner set ring, Screwdriver set		
34	Slump cone test apparatus	3	
35	Cube mould (15cm×15cm×15cm)	14	
36	Compression Testing Machine	1	
37	E. Heater	1	
39	Air entrainment meter	1	
40	concrete mixer	1	
41	Vibrating Table for Concrete Cube & Cement Cube	1	
42	Beaker 50ML, 100 ML, 500 ML	3	
43	Measuring Cylinder 100 ML, 500 ML, 1000 ML	3	
44	Rebound Heamer	1	
45	Longitudinal Compression	1	
46	Extansometer	1	
47	Specific gravity bottle	1	
48	Digital Compression Testing Machine	1	
49	Reynold'S Apparatus	1	
50	Pipe Friction Apparatus	1	
51	Orifice Meter And Mouthpiece	1	
52	Orrificemeter And Venturimeter	1	Fluid Mechanics
53	Centrifugal Pump Apparatus	1	
54	Calibration Of Nozzle	1	
55	Metacentric height apparatus	1	
56	Engineering geological small model set of 16	3	
57	Hardness Box	1	
58	Set of Minerals	4	
59	Set of Rocks	5	Geology
60	Charts	5	
61	Globe	1	
62	Set of metallic ores samples (small)	1	
63	Liquid limit device	1	Soil Mechanics

DEPARTMENT OF CIVIL ENGINEERING  
IIST



4.1.1 List of Equipments.docx - Google Docs

64	Direct Shear test machine	1	
65	Triaxial test machine	1	
66	Compaction machine	1	
67	Unconfined test machine	1	
68	Vane shear test apparatus	1	
69	Electric hot air oven	1	
70	Sand pouring cylinder	1	
71	Hydro meter	1	
72	Permeability Apparatus	1	
73	Rapid Moisture meter	1	
	Sieves 20 CM. Dia, Size 4.75,2.36,1.18 mm & 600,300	5	
74	Sieves GI 30 CM. Dia, Size 80,40,20,10 & 4.75mm.	5	
74	Crushing value test apparatus	1	
75	Impact value test apparatus	1	
76	Los angeles abrasion testing machine	1	
77	CBR test apparatus	1	
78	Penetration test	1	
79	Ring and ball apparatus	1	
80	Shape test apparatus	2	
81	Redwood No.2 viscometer	1	
82	Ductility testing machine	1	
83	Flash and fire point apparatus	1	
84	Centrifuge extractor	1	
85	Marshall stability test apparatus	1	
86	Pin joint Truss Apparatus	1	
87	Portal Frame Apparatus	1	
88	Two Hinged arch Apparatus	1	
89	Three hinged arch Apparatus	1	
90	Behavior of Struts Apparatus	1	
91	Deflection of Curved member Apparatus	1	
92	Elastic properties of Deflection Beam Apparatus	1	
93	Deflection of Beam Apparatus	1	
94	Bell crank lever Apparatus	1	
95	Jib Crane Apparatus	2	
96	Simply Supported Beam Apparatus	2	
97	Gravesend Apparatus	2	
98	Bending Moment Apparatus	1	
99	Flywheel	3	

Transportation Engineering

TOS

Eugg. Mechanics



4/17



4.1.1 List of Equipments.docx - Google Docs

100	Screw Jack	2
101	Truss Apparatus	1
102	Universal Force Table Apparatus	1

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DEPARTMENT OF CIVIL ENGINEERING  
IIST



## List of lab equipment and computing facilities of Chemical Engineering Department

### DEPARTMENT OF CHEMICAL ENGINEERING

#### List of Equipment's- Lab wise

List of program specific labs and computing facilities within the department.

- List of laboratories in the Department

Coarse	Equipments
Advance Engineering Chemistry	Conductivity meter Desicator Hot plate Water Bath(300*400*100)mm Water Bath(350*400*100)mm Photo Colorimeter pH meter Muffle Furnace Polarimeter
Chemical Instrumentation	Conductivity meter pH meter Photo Colorimeter Spectro Photometer Polarimeter Pressure measurement using strain Gauge. Measurement of water level using level indicator Turbidity Meter (02)
Material & Energy Balance	Wet & dry bulb thermometer (02) Wet & dry bulb thermometer (02) Hot plate Round Desicator Water Bath(300*400*100)mm Hot Air Oven Thermostat(03)
Fuel Technology	Penetrometer Universal penetrometer Steam Emulsification Tar Viscometer Redwood Viscometer No. 01 with Energy Regulator(02)



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6/17

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	Redwood Viscometer No. 02 with Energy Regulator(02) Cleavland Flash & Fire Point Cloud & Pour Point (02) Pansky Martin Flash Point Abel's Flash Point Apparatus Conradson Carbon Residue Saybolt Viscometer
Fluid Particle Mechanics	Gyratory Sieve Shaker, Hammer Mill Ball mill with Tachometer Cyclone Separator Plate & Frame Filter press Fluidized bed Test Sieves 8" BSS No. 4,5,6,10,12,14,16,18,25,35,44,52,72,85,100 Test Sieves,8" BSS No. 120,150,170,200,240 Led and Pan (02) Jaw Crusher
Fluid Mechanics	Reynold's Apparatus, Orifice meter And Mouthpiece & Pipe Friction Apparatus, Orifice meter And Venturi-meter Centrifugal Pump Apparatus, Calibration of Nozzle Metacentric height apparatus Stop Watch, Pitot tube and U tube Manometer.
Inorganic Process Technology	AutoCAD P&ID (Process & Instrumentation Diagram) Software (student version)
Computer Programming-II	MS Excel
Heat Transfer	Dropwise/Filmwise condensation app. Open pan evaporator Single effect evaporator
Mass Transfer I	Distillation Column: Bubble Cap Steam Distillation Column Absorption in packed bed Absorption in sieve plate column Absorption in wetted wall column Liquid-liquid extraction Vapor in air diffusion app. Solid in air diffusion app. Refractometer Carbon DiOxide Cylinder Air Compressor, 1 HP(Horse Power), 4 CFM
Chemical Process Plant	MATLAB Software





Simulation Lab-I	
Mass Transfer II	Experimental Water Cooling Tower Swenson walker crystallizer Fluidized bed dryer/forced dryer Adsorption in packed column
Chemical Reaction Engineering I and II	Continuously Stirred Tank Reactor (CSTR) Isothermal CSTR Cascade CSTR Plug Flow Reactor (Coiled tube type) Plug Flow Reactor (Straight tube type) Isothermal Plug Flow Reactor (Coiled Type) Packed Bed Reactor Air Compressor, 1/2 HP, 2 CFM
Chemical process control	Liquid Measurement by air purge Method Calibration of thermocouple Dead weight Pressure Air Compressor, 2 HP, 2 CFM
Chemical Process Plant Simulation Lab-II	SCILAB Software (Open source software)
Environmental Engineering Lab	Analysis kit Hot plate Water Bath (350*400*100)mm colony Counter (4 Digit, Led Display) Orsat gas Analyser (02) BOD Incubator (Biological Oxygen Demand) COD (Chemical Oxygen Demand) Digestion Unit Electronic Balance Colony Counter (3 Digit, Led Display) Magnetic Stirrer with Hot plate Magnetic Stirrer with Speed Controller Heating Mantles (02) 1 ltr cap.
Chemical Process Modeling & Simulation	CHMECAD (Chemical simulation software) / AFT (Applied flow Technology) Fathom Software





## List of lab equipment and computing facilities of Electronics and Communication Engineering Department

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING		
List of program specific labs & computing facility within department.		
Course	Equipments	No. of students per experiments setup
Network Analysis Lab / Digital electronics Lab / Digital System Design Lab	KCL & KVL trainer kit, Thevenin theorem kit, Superposition theorem kit, Norton theorem kit, Reciprocity theorem kit, Millman theorem kit, Maximum power transfer theorem kit, Fourier analysis kit, Fourier synthesis kit, Multimeter, Breadboard and DSO, Logic Gates Using DTL, Digital Logic Gate Trainer, Universal Gates Trainer, 4-Bit Adder & Subtractor, Flip-Flop Kit, 4-Bit Counter Kit, Encoder & Decoder, 4-Bit Shift Register Kit, Multiplexer and Demultiplexer, Adder & Subtractor Kit, DSO, Multimeter and Breadboard.	03
Microwave Lab / Antenna Lab / Optical Lab	Klystron Power Supply, Frequency Meter, Gun Power Supply, Gun Oscillator, Pin Modulator, Variable Attenuator, Klystron Mount Tube, Isolator, Cooling Fan, Movable Short, Matched Termination, S.S. Tuner, SWR Meter, Detector Mount, Slotted Section, Dielectric Cell, Solid Dielectric Cell, Standard Gun Horn, Pick Up Horn, Pyramedical Horn, H-Plane Sectorial Horn E-Plane, Waveguide Cavity, Slotted Broad Wall Antenna, Parabolic Antenna, Dielectric Antenna, Precision, Multi Hope Directional Coupler, T-Circulator, Y, Circulator, Magic Tee, CD Coupler, Phase Shifter, Coaxial Adapter, Fixed Attenuator and CRO, FEKO Software, Broad Side Array, Phase Array Antenna, Simple Dipole $\lambda/2$ , Ground Plane, Power Meter, Simple Dipole $\lambda/4$ , Simple Dipole $3\lambda/2$ , Yagi Uda Folded Dipole (3 Element), Hertz Antenna, Yagi Uda Simple (7 Element), Combined Collinear Array, Helix Antenna, Digital Multimeter, Antenna Trainer Set Kit, Antenna Digital RF Transmitter, Antenna Digital RF Receiver, Stepper Motor Controller, Discome Antenna, Yagi Uda (3 Element), Yagi Uda (4 Element), Fiber Optic Trainer, Multiplexer & Demultiplexer Trainer, Laser Fiber Optic Trainer, Digital Link Trainer, Analog Link Trainer, Elementary Fiber Optic Trainer, Advanced Fiber Optic Trainer, Diffraction Using Grating Model, Michelson Interferometer, Optical Power Meter, Galileo Key Oscilloscope, Function Generator, Temperature Transducer Trainer, Schering Bridge, Wien Bridge Oscillator, Strain Gauge Trainer, Optical Transducer Trainer, Millman's, Maxwell's Inductance Bridge, CRO Trainer Kit, LVDT kit, Digital Power Supply, CRO With Transient Generator and DC Multimeter, P-N Junction Diode Kit, Half Wave and Full Wave Rectifier Kit, A, B, AB and Full Full Amplifier Kit, Transistor Characteristics, VDT Characteristics, Error Analysis Characteristics, PVT Characteristics, H-Frequency, Helix and Coupler	03
Electronic Instrumentation Lab / Electrostatic Devices / Electrodialysis Lab / Analog Circuits Lab	Temperature Transducer Trainer, Schering Bridge, Wien Bridge Oscillator, Strain Gauge Trainer, Optical Transducer Trainer, Millman's, Maxwell's Inductance Bridge, CRO Trainer Kit, LVDT kit, Digital Power Supply, CRO With Transient Generator and DC Multimeter, P-N Junction Diode Kit, Half Wave and Full Wave Rectifier Kit, A, B, AB and Full Full Amplifier Kit, Transistor Characteristics, VDT Characteristics, Error Analysis Characteristics, PVT Characteristics, H-Frequency, Helix and Coupler	03

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**INDORE INSTITUTE OF SCIENCE & TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

List of program specific labs & computing facility within department.

	Oscillator, CE Amplifier With Feedback, MOSFET Characteristics, Push Pull Amplifier, Double Stage RC Coupled Amplifier, Application Of IC-555 Timer F-V/V-F Converter, Active Filter Using Opamp., Schmitt Trigger, Application Of Op-Amp, Differential Amplifier, SCR Characteristics, Weighted Register D-A Converter, Op-Amp as Inverting and Non inverting Amplifier, Power Supply(0-30v), Multiple Power Supply, Function Generator, Cathode Ray Oscilloscope , Scientech Multimeter, CRO With Function Generator And DC Multimeter	
Micro processor and microcontroller Lab / Embedded Lab	Microprocessor-8085 Trainer Kit (Dyna-85), Microprocessor-8086 Trainer Kit (Dyna-86), DMA Controller Kit, Microcontroller-8051 Trainer Kit (Dyna-51), Stepper Motor Interfacing Kit, ADC Interfacing Kit, DAC Interfacing Kit, Universal Programmer and Tester, UV-EPROM ERASER, 8051 Microcontroller Trainer , 8086 Microprocessor Trainer, 7 Segment Display Card, Stepper Motor Controller Card, 16X2 LCD Display Card , Relay and Opto Coupler Card, LDR Interface Card, Microcontroller Development board with Programmer, Input Interface Module, ADC/DAC Module, Computer Interface Module, Display Module, Motor Drive Module, 8051 Development board, PIC Development board, 8051 USB Programmer Kit, PIC Programmer, AT 89S52, PIC18F452, Temperature Sensor, PIR Sensor, Load Cell Sensor, Pressure Sensor, Obstacle Sensor, ARM 7LPC2148 Development Board, ARM 9 With 3.5 TFT Development Board, Arduino UNO Development Board, RS-232 Connector, Adaptors (-12v,1A), Universal Programmer (TOP 2008), Sharp Distance Sensor(2YOA02)F-12, Compass Sensor 1101A	01
Simulation Lab / VLSI Design Lab / Data Communication Lab	VLSI Universal Development board, Microwind 3.5 Software. Lab view 8.6 based software, TINA Pro 7.1 and 9.0 software for circuit design and simulation. Xilinx 12.1i ISE system edition, CLPD Kit, FPGA Kit, Universal Development Platform, CD-ST-110, Daughter Card CPLD, Daughter Card FPGA, Peripheral Card, JTAG Cable, Power Supply	01
Signal & System Lab / Digital Signal Processing Lab / MATLAB Lab / Advance Communication System Lab	MATLAB R2010B, GSM trainer (transmitter and receiver kit), GPS Trainer Kit	01
eYantra Lab / Drone Lab / IoT Lab	L3G420003 Axis Digital Gyroscope, AVIRISP MK11/KP11 USB Programmer, Two Axis Camera Pad With Wireless Camera, USB YU Tuner for Interfacing	03



**INDORE INSTITUTE OF SCIENCE & TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

List of program specific labs & computing facility within department.

	<p>Wireless Camera , Kinest (Xbox) Sensor, Sharp GP2YOA 710 KOF Infrared Range Sensor(100 to 500cm), Ultrasonic Range Sensor Equivalent to MB1023, LSM 30303 Axis Digital Accelerometer &amp; 3 Axis Manometer, GPS Receiver, Raspberry-Pi, Metal Gear Servo Motor , Sharp GP2D120C Infrared Sensor(4cm to 30cm), Sharp GP2YOA21YKOF Infrared Range Sensor(10 to 50 cm), Sharp GP2YOA02YK Infrared Range Sensor(20 to 150 cm), Arduino Uno With Cable, Arduino Adaptor, DC Motor 9V, Stepper Motor 9V, GSM Module SIM 900, L293D Motor Drive Module, RF Transmitter And Receiver, IOT MODULE(ESP8266)(WiFi module), Arduino Board, Robotic Wheeler, Fru Wheel , IR LED Sensor Array 3, Humidity Sensor (DHT22), Fire bird V2560, Spark V Robot, Fire bird V P89V51RD2, Fire bird V LPC2148, Zigbee modules 100 mt. range, Zigbee adaptor, Servo motor, PVC Pipe 2 mt., Charger 80 Watt Li-ion, Propeller 1045, Bullet connector, K.K. Multicopter Board, Battery 11.1 V 2200 MAH, Ardino neno board, Adopter (li-ion battery), Solenoid valve, Motor pump, Carbon Quad-copter frame x-Quad copter, USP ASP Loader/Programmer, Transmitter &amp; Receiver 2.4 GHz channel FHSS system, Plug connector with sheath housing male &amp; female deam connector, Bottle with spray nozzle, Motor 1000 KV, Electro bot Motor 1000 KV, Esc (Electronic Speed Controller), Raspberry-Pi 3.2, Motor Driver Module L298n, Blue Tooth Module Hc-05, RF Tx &amp; Rx Pair, Sensor IR, Micro Switch, Load Cell Module Hx711, Joy Stick, SD Card Module, USB Programmer, Receiver Module Fs-1a6/Fs-La6b/6ch For Drone, Transmitter &amp; Receiver Module For Drone, Drone With Camera, Frame, Controller, 2300KV Motor, ESC30A, Controller Kk Quad Copter, Power Distribution Board For Drone</p>	
<p>Project lab</p>	<p>Project work Bench, Soldering iron, digital storage oscilloscope, Bread-Board, multi-meters, function generator, PCB art work film maker, IC tester, analog work station lab, digital work station lab, Compass Sensor 1101A, Sharp Distance Sensor (2YOA02)F-12, Universal Programmer (TOP 2008), Arduino UNO Development Board, ARM 9 With 3.5 TFT Development Board, ARM 7LPC2148 Development Board, PIC18F452, PIC Programmer, PIC</p>	

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**INDORE INSTITUTE OF SCIENCE & TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

List of program specific labs & computing facility within department.

	Development board, AT 89S52, and various electronic components.	
Analog and Digital Communication (CS) / Analog Communication / Digital Communication / Network Lab (CNTL)	Amplitude Modulation Transmitter Trainer, Amplitude Demodulation Receiver Trainer, Frequency Modulation Transmitter Trainer, Frequency Demodulation Receiver Trainer, Circuit Pre- Emphasis & De-Emphasis, Digital Storage Oscilloscope, Frequency Modulation and Demodulation Trainer Kit, FM Communication Trainer, Noise Audio Amplifier Trainer, Synchronous and Detection Trainer, DSB/SSB AM Receiver Trainer, Delta Formatting and Carrier Modulation Transmitter Trainer, DSB/SSB AM Transmitter Kit, 30 MHz Oscilloscope With 1 MHz Function Generator and Power Supply, Amplitude Modulation and Demodulation Kit, Frequency Modulation and Demodulation Kit, TDM Kit, PCM Kit, Delta Modulation and Demodulation Kit, ASK Kit, FSK Kit, PSK Kit, PAM Kit, PWM Kit, Signal Sampling & Reconstruction, Function Generator, Spectrum Analyzer, Digital Communication Trainer System, PAM, PWM, PPM Modulation & Demodulation Trainer, K-Type Low Pass Active Filter, M-Type High Pass Filter, K-Type High Pass Active Filter, K-Type Band Pass Active Filter, M-Type Low Pass Filter, M-Type Band Pass Filter, Active Low And High Pass Filter, Notch Filter Kit, Transmission Line Kit, Function Generator, Cathode Ray Oscilloscope, Active Band Pass Filter, Tchabyshev Filter, M- Derived Filter, K- Derived Filter, Multimeter, M-Derived Band Pass And Band Reject Filter, Advance Analog Work Station Lab	03
Basic Electrical and Electronics Engineering Lab	Transformers, superposition and Thevenin's theorem kit, Logic gates kit, De Morgan's theorem kit, AC circuit boards, DC Shunt Motor 220V DC 1H.P, 3 Pt. DC Starter, 3 Phase AC D.O.L. Starter 5 H.P/ 3H.P, Induction motor 3/1 phase 5 HP/2HP, Induction tester, and Step Down Transformer (50% Tapineing 230/115V), Step Down Transformer (C-50% /86% /100% 220V)21KVA, Step down transformer (C-50% /86% 220V) 1KVA, VARIC Transformer, Voltage Stabilizer, Ammeter (0-2.5/0-5A)	03







**INDORE INSTITUTE OF SCIENCE & TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

List of program specific labs & computing facility within department.

List of Software Available within Department

S. NO.	SOFTWARE NAME	VERSION	NUMBER OF USER	REMARK
1.	MATLAB R2010B	R2010B	10	
2.	XILINX SOFTWARE	12.4	25	
3.	CAD FEKO	6.1	05	
4.	TINA PRO7	PRO 7	25	
5.	TINA PRO 9	PRO 9	25	
6.	TARGET 3000	3000	10	
7.	LABVIEW	8.6 BASE / 2009	10	
8.	MICROWIND SOFTWARE	3.5	25	





## List of lab equipment and computing facilities of Mechanical Engineering Department

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4.1.1 List of Equipments.docx - Google Docs

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**List of Equipment's- Lab wise**

Course	Equipments	No. of students per experiments setup
BASIC MECHANICAL ENGINEERING LAB	GREEN ECONOMISER MODEL, ANTIPRIMING PIPE MODEL, SDGEN SUPER HEATER MODEL, LANCASHIRE BOILER MODEL, BABCOCK & WILCOX BOILER MODEL, LOCOMOTIVE BOILER MODEL, COCHRAN BOILER MODEL, VERTICAL WATER TUBE BOILER MODEL, TWO STROKE DIESEL ENG. MODEL, FOUR STROKE DIESEL ENG.MODEL, FEED CHECK VALVE, COMBINED STEAM SAFETY VALVE, SPRING LOADED STEAM SAFETY VALVE, LEAVER STEAM SAFETY VALVE, DEAD WEIGHT STEAM SAFETY VALVE, STEAM STOP VALVE HOPKINSON, WATER GAUGE, PRESSURE GAUGE, BLOW OFF COCK, FUSIBLE PLUG, TWO STROKE PETROL ENG. MODEL, FOUR STROKE PETROL ENG.MODEL, STEAM ENGINE, STEAM ENGINE WITH BOILER, STEAM ENGINE WITH BOILER & ELECTRICITY, STEAM INJECTOR, EXPANSION STEAM TRAP VALVE, SECTIONAL FOUR STROKE PETROL ENG.MODEL, SECTIONAL FOUR STROKE DIESEL ENG.MODEL, SECTIONAL TWO STROKE PETROL ENG.MODEL, SECTIONAL TWO STROKE DIESEL ENG.MODEL, AIR PREHEATER, FLOAT STEAM TRAP	04
WORKSHOP LAB	WELDING TRANSFORMER (A.C. 2 PHASE) 300 AMP AIR COOLED TYPE, WELDING TRANSFORMER A.C. 1 PHASE 150 AMP AIR COOLED TYPE, WELDING TABLE (5'3" x 4') WORK TABLE, CHIPPING HAMMER 250G., NOSE PLIERS, HAND HAMMERS 250G., TRY SQUARE, STEEL RULE (12"), HAND GRINDER MC FOREVER 100MM 1000RPM, HAND GRINDER MC DWELL 100MM 1000RPM, OXYGEN CYLINDER 6.314 K, L.P.G.	04

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4.1.1 List of Equipments.docx - Google Docs

CYLINDER 5KG., HACK SAW FRAME FOR 12" (05+06), HIGH PR. STORE, CARBIDE TANK FOR OXY ACCTELYNE, WELDING CUTTER, GAS CYLINDER KEY, FLAT PLIERS 6" (01+01), ANVIL BIG SIZE 250 KG., ANVIL SMALL 20 KG., SWAGE BLOCK, RING BIG 140 KG.+08, LEG VICE 6", HAND BLOWER, ELECTRIC BLOWER NO. 6 SINGLE PHASE, SLEDGE HAMMER, TWO FACE HAND HAMMER, CROSS PEEN HAMMER 250G., ST. PEEN HAMMERS 250G., SET. HAMMER 500G., FLAT TONGS 14" LONG. PICK UP TONGS 14", CHISEL TONGS 14", ROUND TONG 14", HALF ROUND HALLOW TONG 14", SG. HALLOW TONGS. 1 HACK SAW FRAME 4", BACK IRON 10 KG., COLD CHISEL 6" 4", HOT CHISEL 5", SCISSOR 18", DRIFT, HARDIES CHISEL SET, FULLER SET TOP & BOTTOM, FLATTED 2" Y 2", SHOVEL, POKER, CENTRE PUNCH, SWAGE SET TOP & BOTTOM, PRIYA MAKE LATHE 3JAW & 4JAW CHUCK, PRABHAT MAKE HARD BED MACHINE, LATHE MACHINE 4 FIT AAL STD., SHAPER MACHINE WITH 20 ", DRAW SPIKE, HOT RAMMER, LIFTER, MOLDING BOX 10Y10, MOLDING TABLE 4 Y10, PEEN BUTT RAMMER, RIDDLE, SMOOTHER, SQUARE PIN, STRIKE OF BAR, TROWEL, VENT ROD, CO2 MOLDING TABLE, CO2 CYLINDER, CO2 CYLINDER., WITH KEY, PLANNING M/C COMPEL WITH MOTOR, HANDAN MAKE UNIVERSAL MILLING M/C WITH 3:5 HP MOTOR, ISHWAR MAKE PALER TYPE DRILLING M/C 1.5 GEAR, VARSHA MAKE PILLRE TYPE DRILLING MACHINE, 14" POWER HACKSAW M/C 3HP/3PH MOTOR, PEDESTAL GRINDER WITH 3HP MOTOR COMPETE WITH GRINDER WHEEL, BEACH DRILLING DELUXE MAKE PH1/0.5RPM 3000, BENCH DRILLING M/C 1HP/3PH, WITH DRILL CHECK, SINE BAR 100MM, FILLER GAUGE (15LEAF), THREADING GAUGE FOUR INCH



13/17

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4.1.1 List of Equipments.docx - Google Docs

	<p>           THREADS, FOUR METRIC THREADS, ADJUSTABLE TAP, HANDLE, A-Z PUNCH SET (26 NOS.), BALL PEEN HAMMERS 250G., TRY SQUARE 8", TRY SQUARE 6", CENTER PUNCH 5" LONG, DOT PUNCH 4" LENGTH, SCREW DRIVER, RING SPANNER SET, FIX SPANNER SET, RATCHET SCREWDRIVER SET, PLIERS 6", PLIERS 6", PLIERS 8", HACKSAW FRAME 12", ADJUSTABLE HACKSAW FRAME 8" TO 12", MAGNETIC BASE STAND (50 X 50 MM), V BLOCK 50MM, SURFACE GAUGE 9", OUTSIDE CALIPER 6", OUTSIDE CALIPER 4", IN SIDE CALIPER 6", IN SIDE CALIPER 4", DIVIDER 6", STEEL RULE 12", SPIRIT LEVEL, SURFACE PLATE (1'x1'), DRILL SLEEVE MT-2, ADJUSTABLE REAMER, ADJUSTABLE SPANNER, PIPE SPANNER, DRILL CHUCK 13MM, DRILL CHUCK 16MM, CIRCULAR SAW &amp; PLANNING M/C WITH 1 HP 1440 RPM MOTOR, WOOD WORKING LATHE M/C SIZE OF BED 4', CARPENTRY TABLE (6'x3'), WHEEL BRACE HAND DRILLING M/C, G CLAMP 6", METAL JACK PLANE, STEEL RULES 12", FOLDING RULES, TRY SQUARE 6", BEVEL SQUARE 6", BALL PEEN HAMMERS 250G., CROSS PEEN HAMMER 250G., CLAW PEEN HAMMERS 300G., GIMLET DRILL 17"0.5, EDGE 3" WITH 1.00KG, SIDE AXE, PIONEER 8", CLAW TOMMY 16" LONG, SCREWDRIVER, 10" &amp; 12", WOODEN TRYING PLANER 14", WOODEN JACK PLANE 18", SMOOTHING PLANE 10", TURNING GAUGE SET, GAUGE PLANER 8", ROUND PLANER, HAND BLOWER M/C, 1" SQUARE, DIVIDER 6", OUTSIDE CALIPER, IN SIDE CALIPER, HAND HACKSAW, ELECTRIC HAND DRILLING M/C, TEETH SETTER FOR SAW         </p>	
<p>STRENGTH OF MATERIAL LAB</p>	<p>           UNIVERSAL TESTING MACHINE, HARDNESS TESTING MACHINE, POLISHING MACHINE, MICROSCOPE, BRINELL MICROSCOPE         </p>	<p>04</p>





THERMODYNAMIC LAB	SEPARATING, THROTTLING AND COMBINED CALDRIMETER	04
THEORY OF MACHINE LAB	BEARINGS ALL TYPES, GEARS ALL TYPES, CAM & FOLLOWERS, MECHANISMS, BRAKES, CORIOLIS COMP ACC EQUIPMENT, KINEMATICS PAIRS	04
THERMAL ENGINEERING AND GAS DYNAMICS LAB	PUMP CENTRIFUGAL, PUMP RECIPROCATING, PUMP RECIPROCATING, PUMP RECIPROCATING TWO STAGE, PURE REACTION TURBINE MODEL, AIR OR STEAM TURBINE MODEL, IMPULSE TURBINE, CONDENSERS MODELS	04
FLUID MECHANICS LAB	BERNOULLI'S THEOREM APP, NOTCHES APP, ORIFICE & MOUTHPIECE APP, VENTURIMETER APP, PIPE FITTING APP, PIPE FRICTION APP, RENOLDS APP, METACENTRIC HEIGHT APP	04
MECHANICAL MEASUREMENT & CONTROL LAB	SINE BAR, PRESSURE GAUGE, DIAL INDICATOR, MICRON METER, DIGITAL CALIPER, VERNIER CALIPER, DIGITAL MICROMETER, SOUND LEVEL INDICATOR, R TEMP DETECTOR, THERMOCOUPLE, STRAIN GAUGE	04
DYNAMICS OF MACHINE LAB	CAM ANALYSIS APP, UNIVERSAL GOV. APP, GYROSCOPE APP, STATIC & DYNAMIC BALANCE APP	04
INTERNAL COMBUSTION ENGINE LAB	FOUR STROKE PETROL ENG MORSE, FOUR STROKE DIESEL ENG, DIESEL ENG CUT VIEW CARBURETOR S U, CARBURETOR SOLEX FUEL PUMP DIESEL, FUEL PUMP MECHANICAL, FUEL PUMP ELECTRICAL	04
HEAT & MASS TRANSFER LAB	NATURAL CONVECTION APP, THERMAL CONDUCTIVITY APP, EMISSIVITY APP, PARALLEL & COUNTER FLOW APP, FORCE CONVECTION APP, SHELL & TUBE APP	04
COMPUTER AIDED ENGINEERING LAB	COMPUTER SYSTEMS, SOFTWARE ANSYS 5 USER, SOFTWARE NX 6 30 USER	01



<https://docs.google.com/document/d/1wCgZc1-qgL9CjBN1e8qRWq4fWLhkoq/edit>

15/17

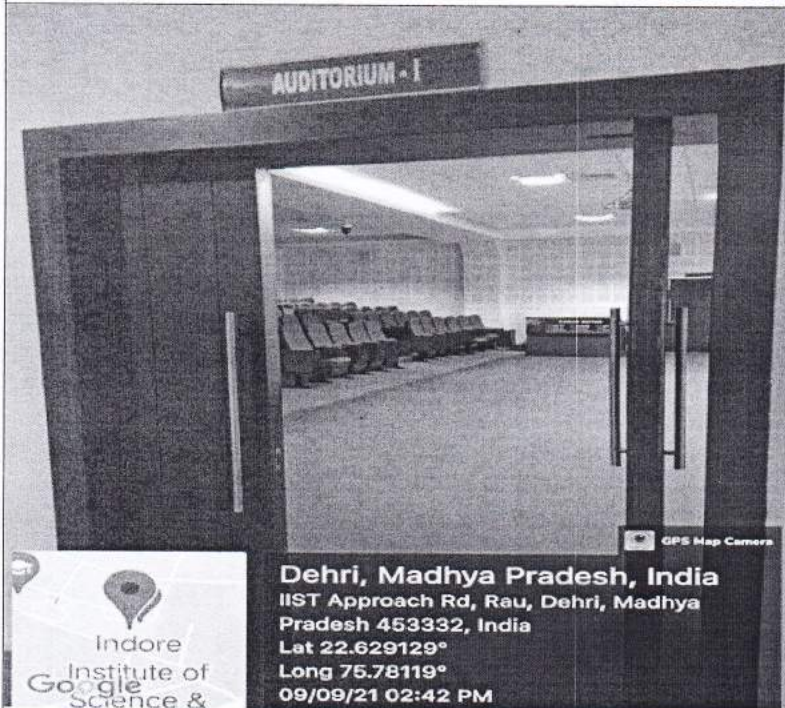
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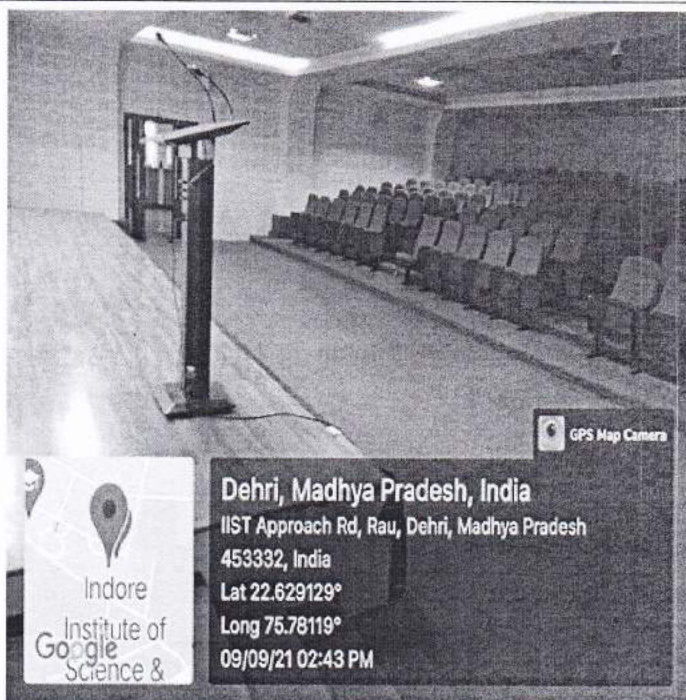


**Facilities Available for Academic Activities**

**Auditorium - I**

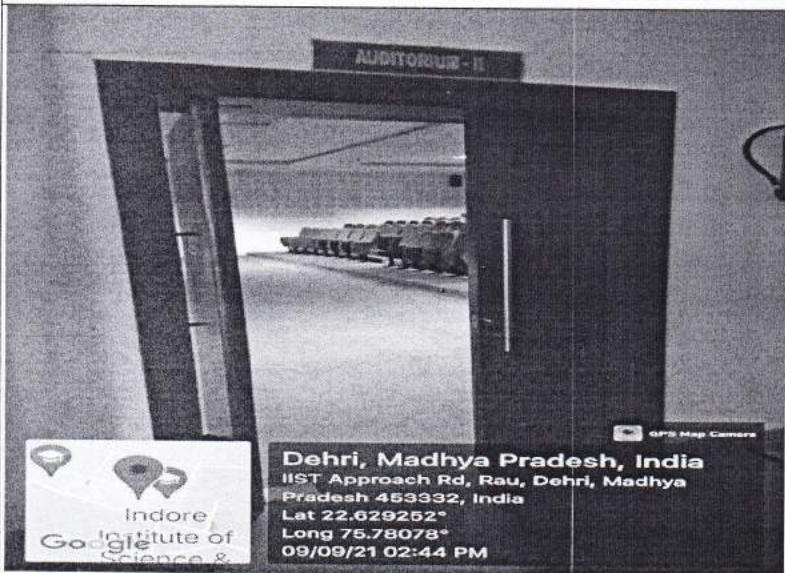


**Outer View**

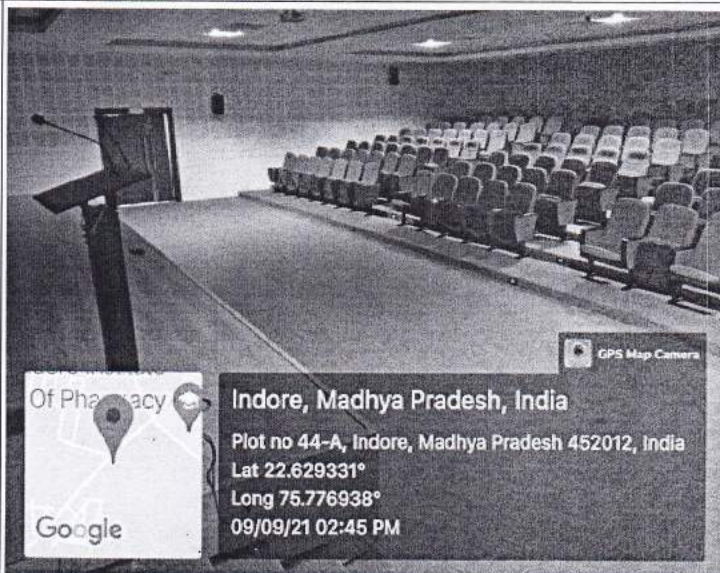


**Inner View**

**Auditorium - II**



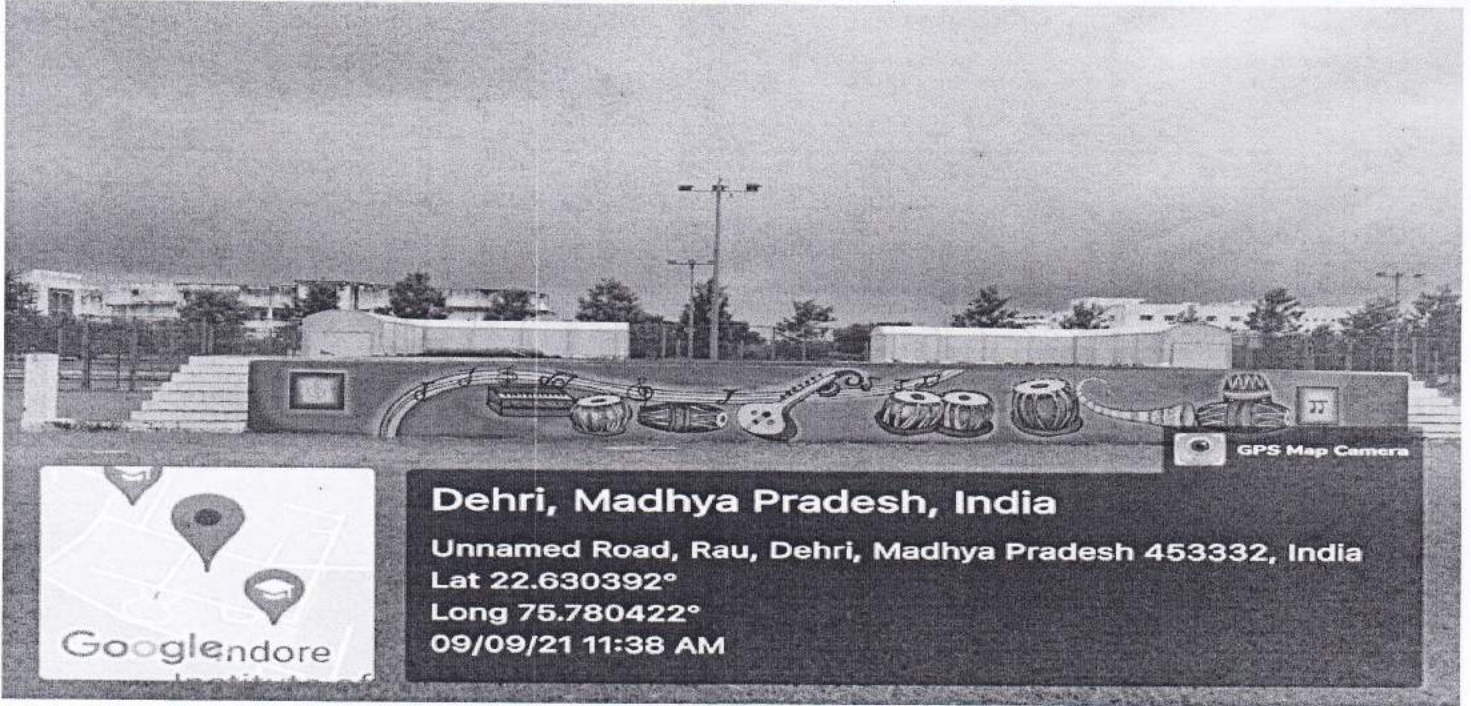
**Outer View**



**Inner View**



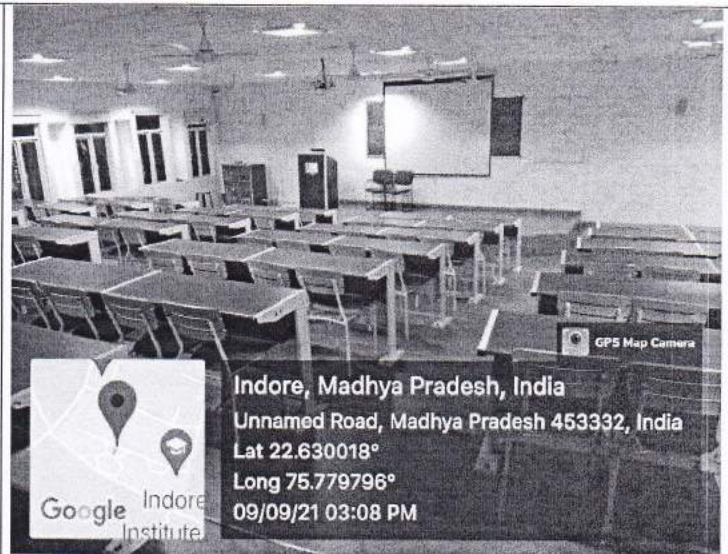
**Open Stage**



**Seminar Hall - I**



**Outer View**

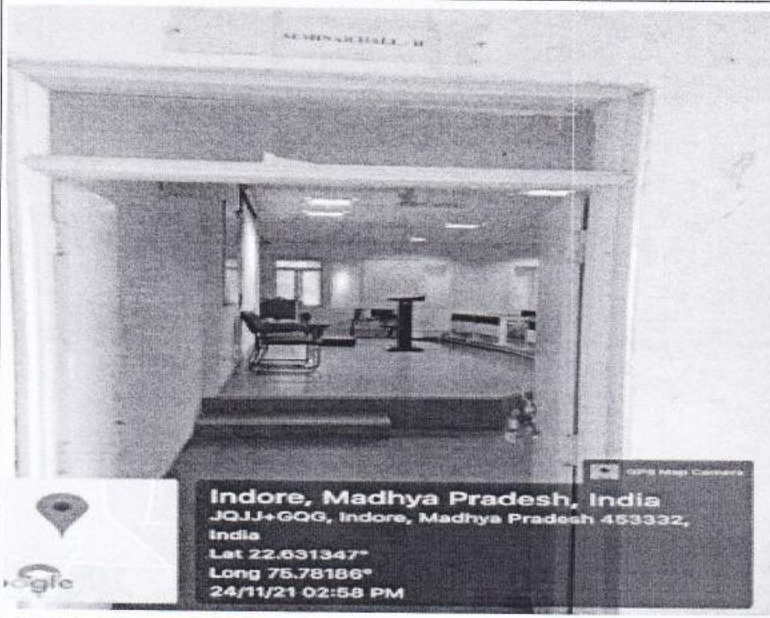


**Inner View**

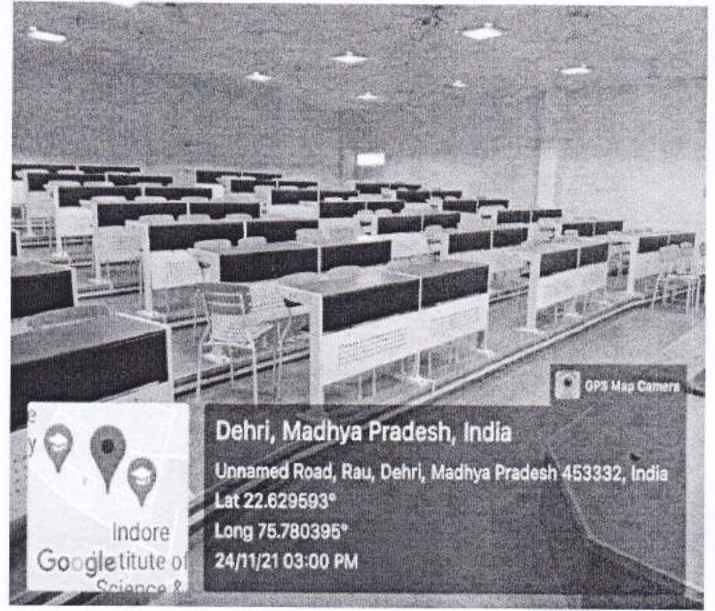




**Seminar Hall - II**

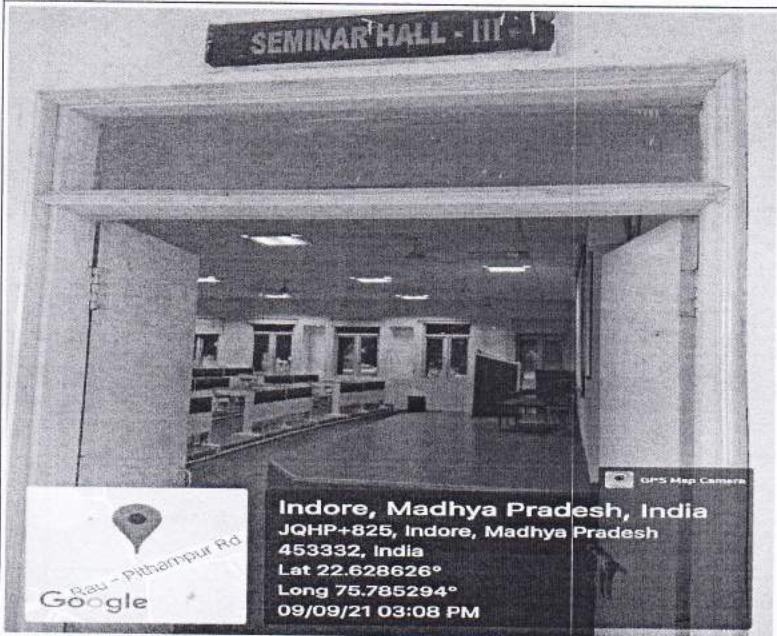


**Outer View**

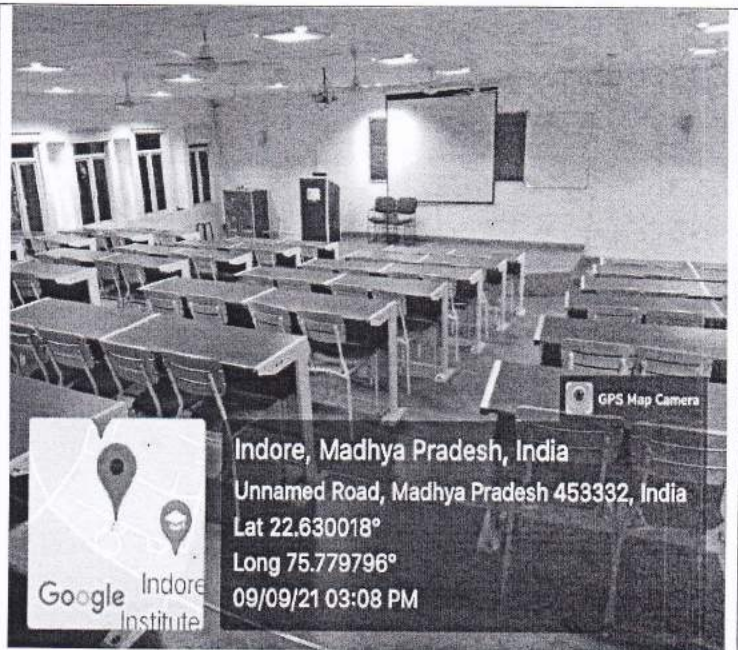


**Inner View**

**Seminar Hall- III**



**Outer View**

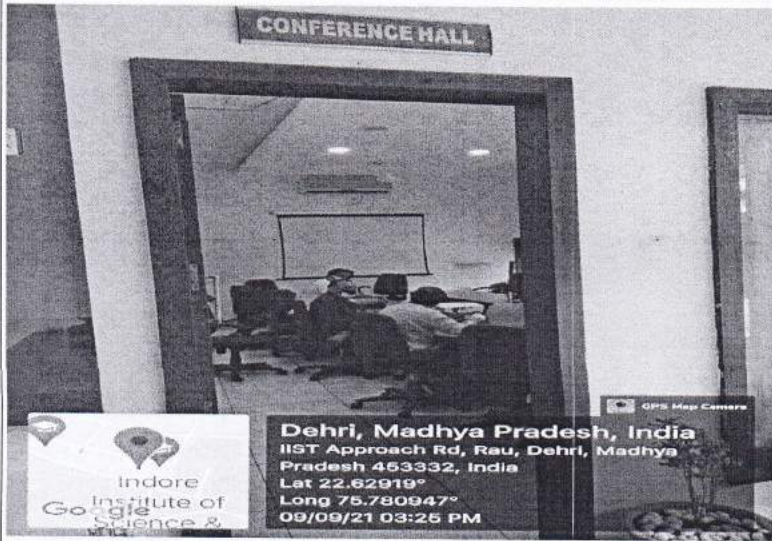


**Inner View**





**Conference Hall - I**



**Outer View**

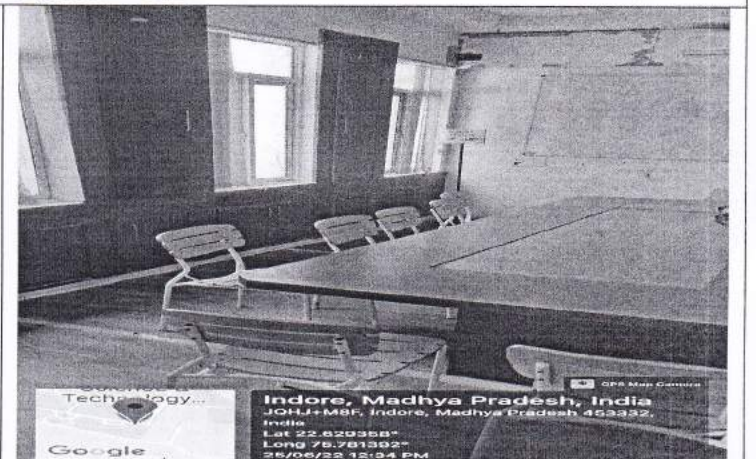


**Inner View**

**Conference Hall - II**



**Outer View**



**Inner View**

