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

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For IIST/ IIP/ IIDR

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Chief Administrative Officer

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Indore Institute of Science

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Chief Administrative Officer

Indore Institute of Science and Technology IQAC INDORE

Principal
Indore Institute of Science and Technology, Indore

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

IIST/April-24/03

Date: 22.04.2024

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

For IIST/ IIP/ IIMR
Chief Administrative Officer

IQAC

Principal
Indore Institute of Science and Technology, Indore

Details of 37 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	1st -A	C-8	12.63	6.15	78
3	1st -A	C-7	12.67	5.88	74
4	1st -A	C-2	12.57	5.89	74
5	1st -A	C-3	12.65	6.18	78
6	1st -A	C-4	12.67	6.06	77
7	1st -A	C-5	12.67	6.07	77
8	1st -A	C-6	12.65	6.07	77
9	1st -C	C-23	12.44	5.97	74
10	1st -C	C-17	12.53	6.08	76
11	1st -C	C-24	12.42	5.98	74
12	1st -C	C-18	12.55	5.96	75
13	1st -C	C-19	12.64	6.05	76
14	1st -C	C-20	12.63	6.16	78
15	1st -C	C-21	12.63	6.19	78
16	1st -C	C-22	12.68	6.04	77
17	2nd -A	C-9	12.59	6.16	78
18	2nd -A	C-10	12.57	5.89	74
19	2nd -A	C-11	12.65	6.18	78
20	2nd -A	C-12	12.67	6.06	77
21	2nd -A	C-13	12.65	6.07	77
22	2nd -A	C-14	12.65	6.07	77
23	2nd -A	C-15	12.67	5.88	74
24	2nd -A	C-16	12.63	6.15	78
25	2nd -B	C-37	9.92	7.19	71
26	2nd -B	C-38	9.92	7.17	71
27	2nd -B	C-33	9.86	6.79	67
28	2nd -B	C-34	9.92	7.19	71

For IIST/ IIP/ IIMC
Administrative Officer

Principal
Indore Institute of Science

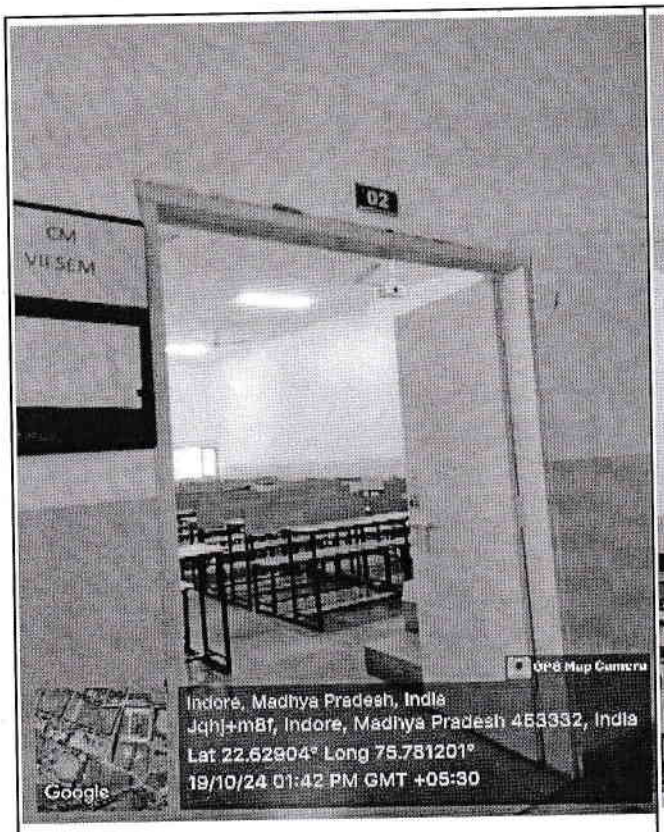
29	2nd -B	C-36	9.92	4.79	47.5
30	2nd -C	C-25	12.53	6.08	76
31	2nd -C	C-26	12.55	5.96	75
32	2nd -C	C-27	12.64	6.05	76
33	2nd -C	C-28	12.63	6.16	78
34	2nd -C	C-29	12.63	6.19	78
35	2nd -C	C-30	12.68	6.04	77
36	2nd -C	C-31	12.44	5.97	74
37	2nd -C	C-32	12.42	5.98	74

for IIST/ IIP/ IIMR
Chief Administrative Officer

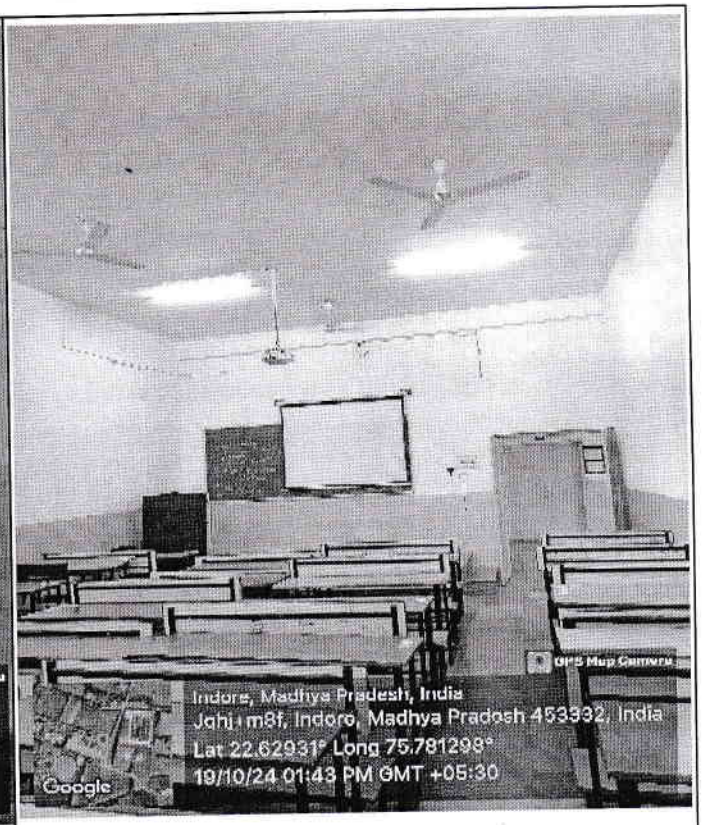
Indore Institute of Science and Technology IQAC INDORE

Principal
Indore Institute of Science and Technology, Indore

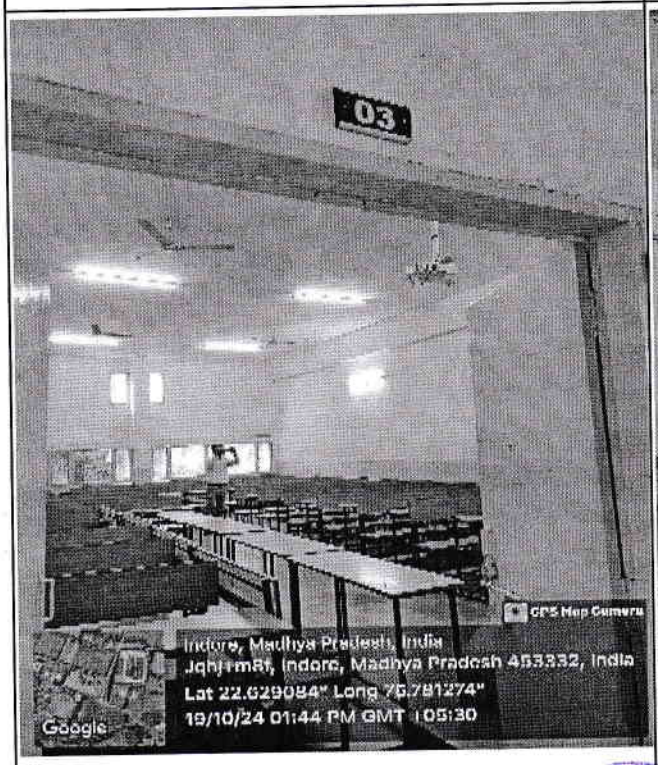
Geotagged Photo of 37 Classroom with computer, Projector and Wi-Fi



Class Room No 2



Inside View of Class Room No 2



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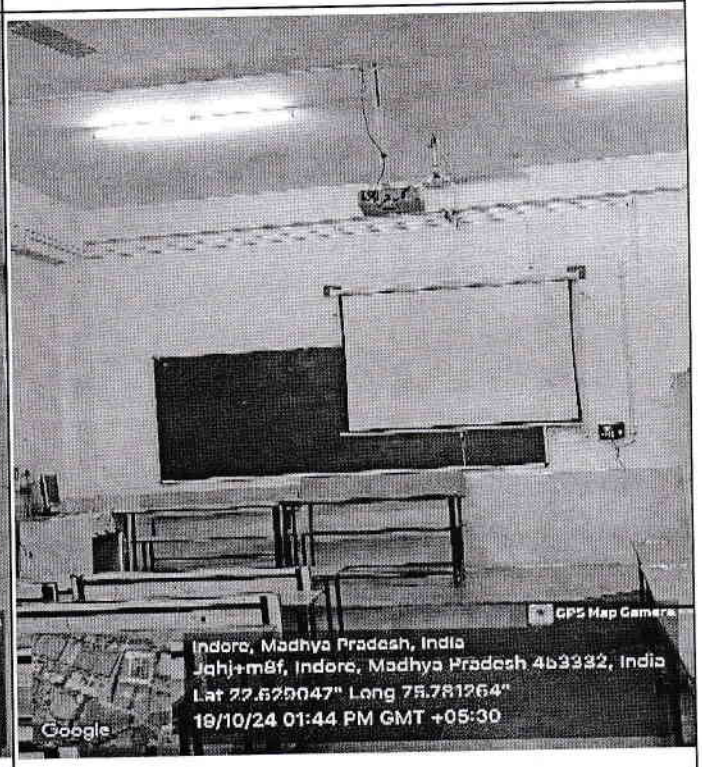

Inside View of Class Room No 3

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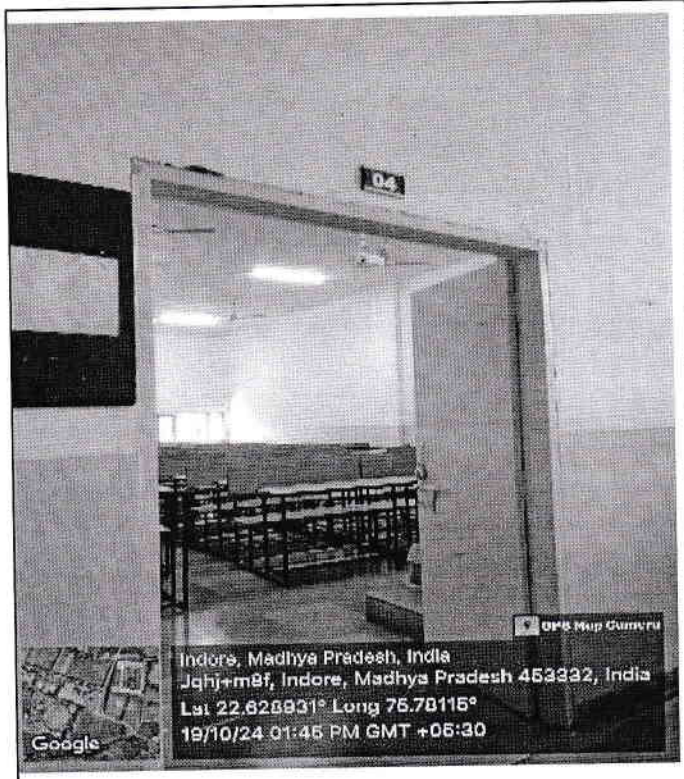
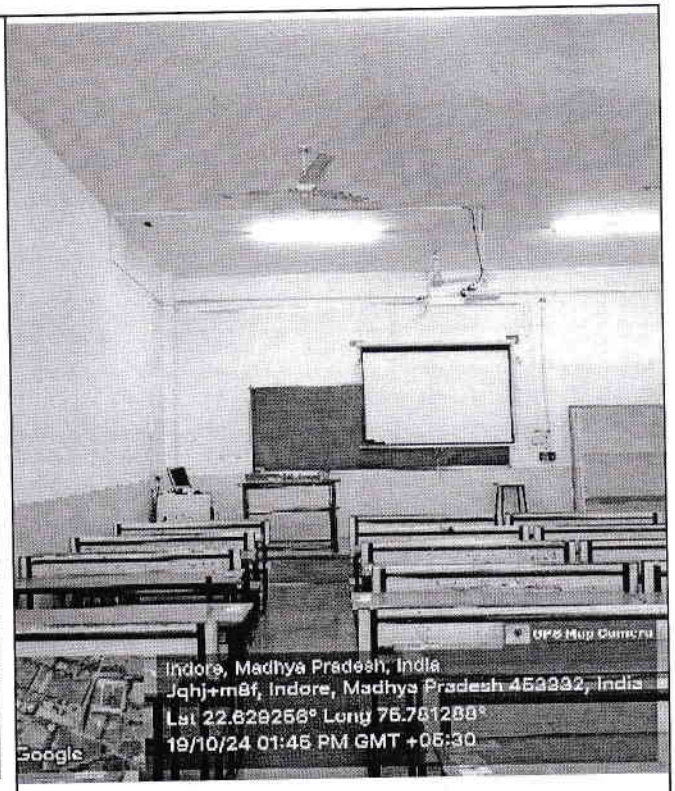
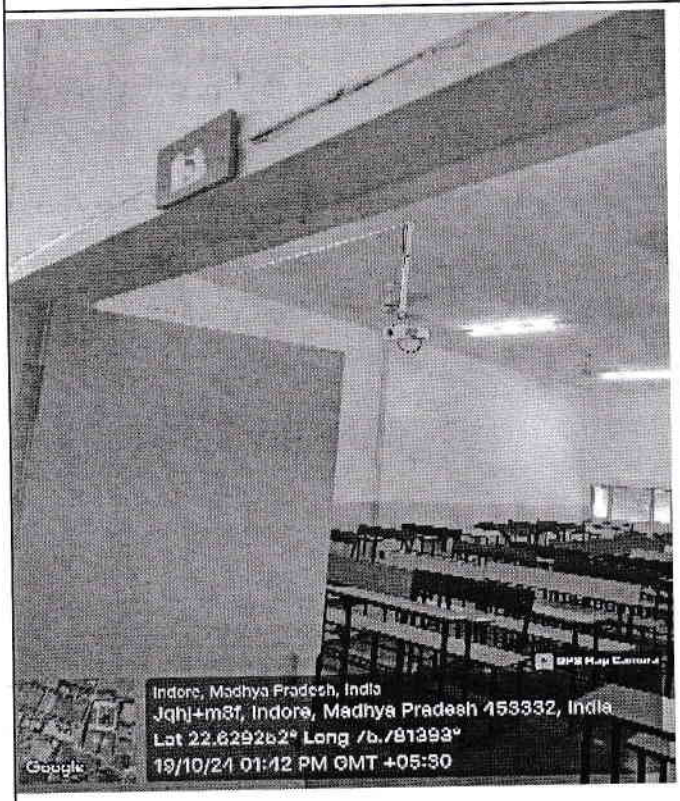


Class Room No 4



Inside View of Class Room No 4



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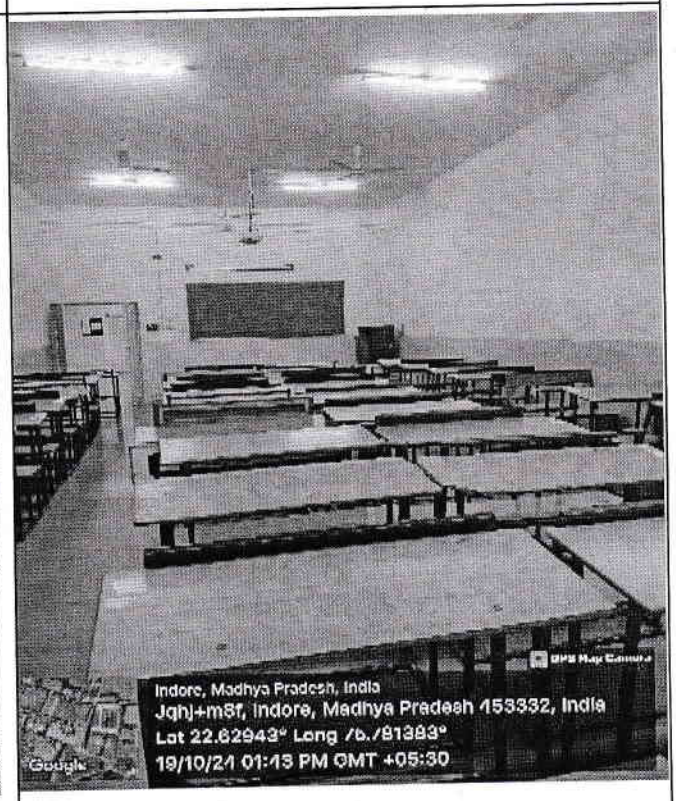

Inside View of Class Room No 5

For IIST/ IIP/ IIMR
Chief Administrative Officer

Principal
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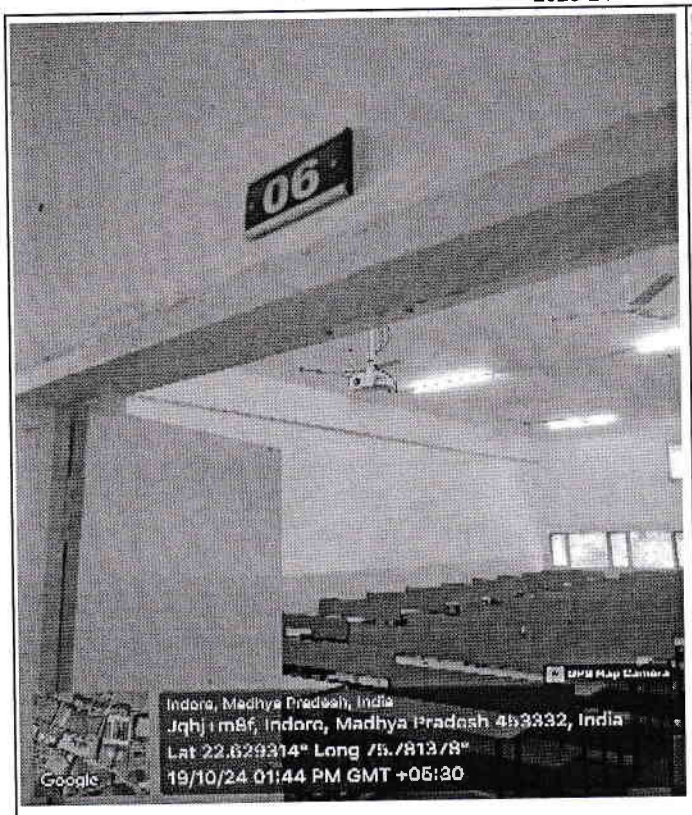

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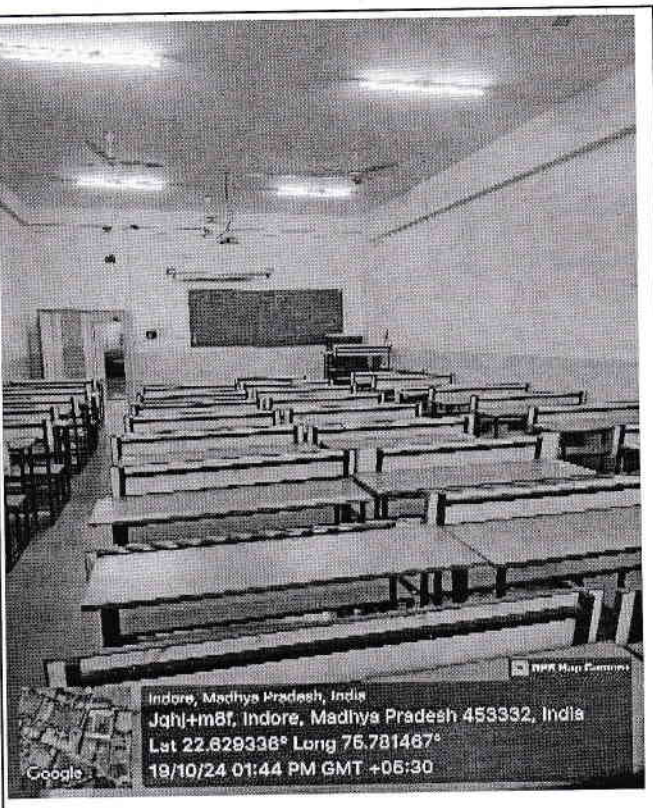
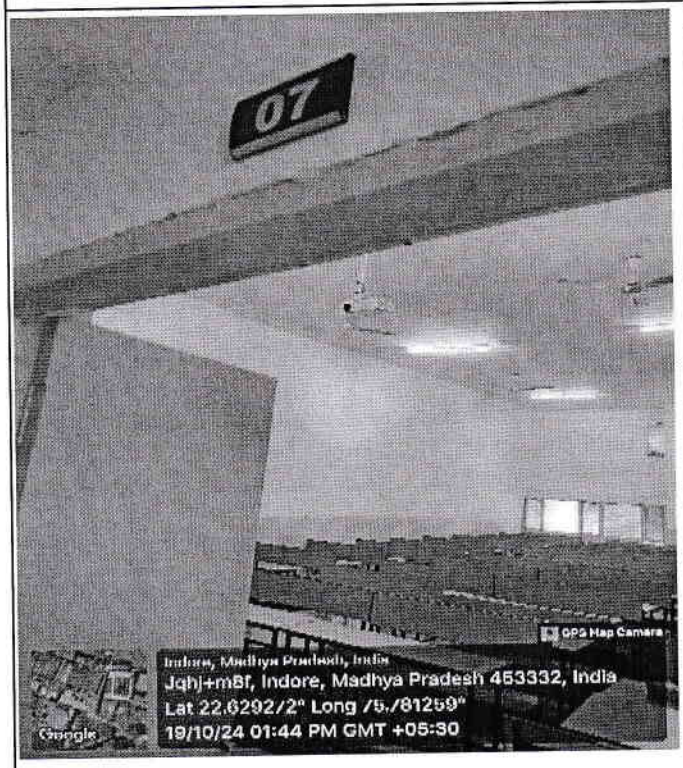


Inside View of Class Room No 6



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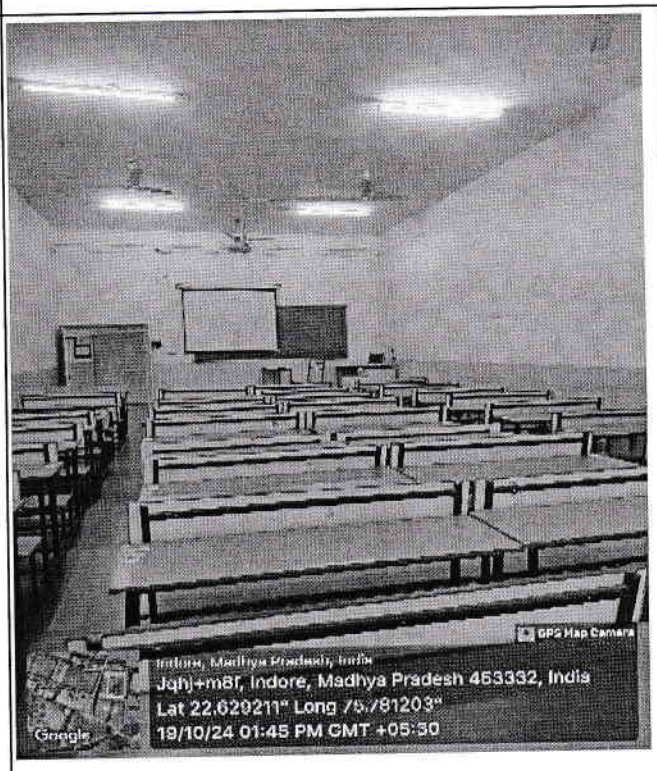

Inside View of Class Room No 7

For IIST/ IIP/ IIMR
Chief Administrative Officer

Principal
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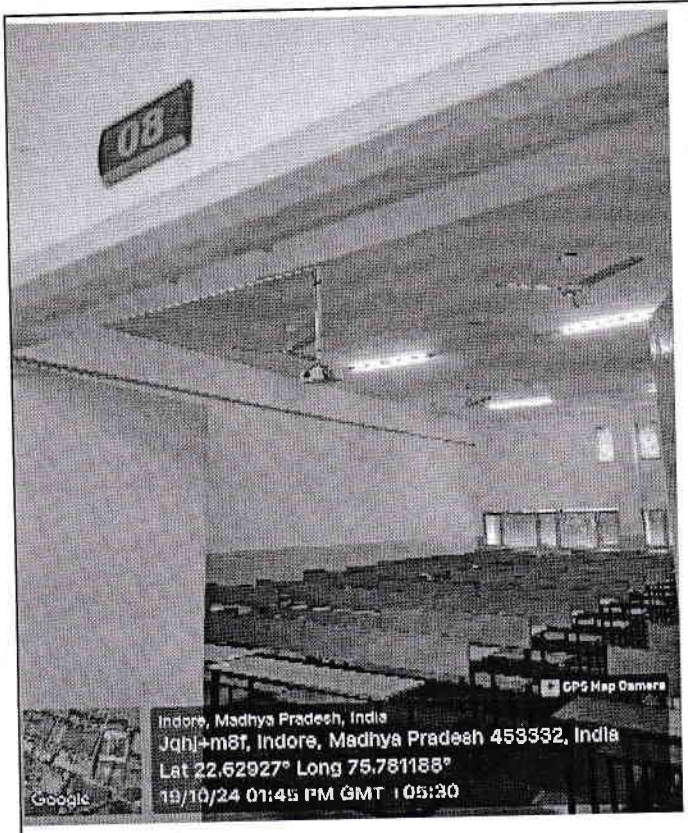
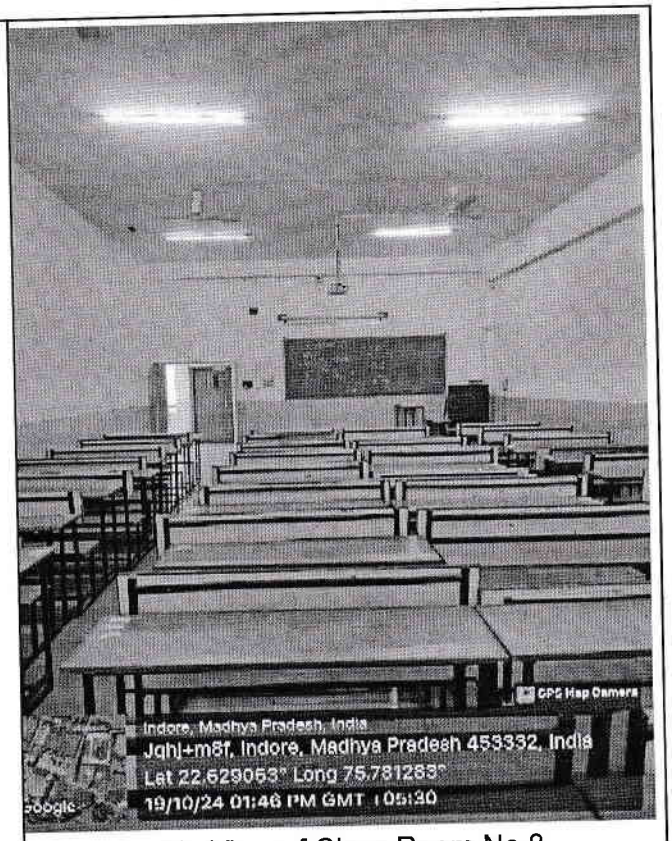
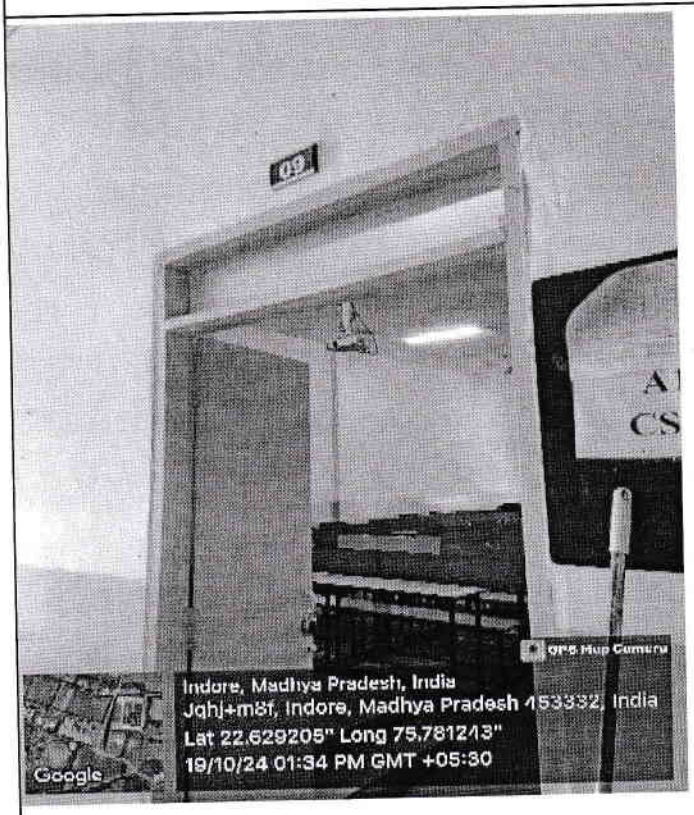


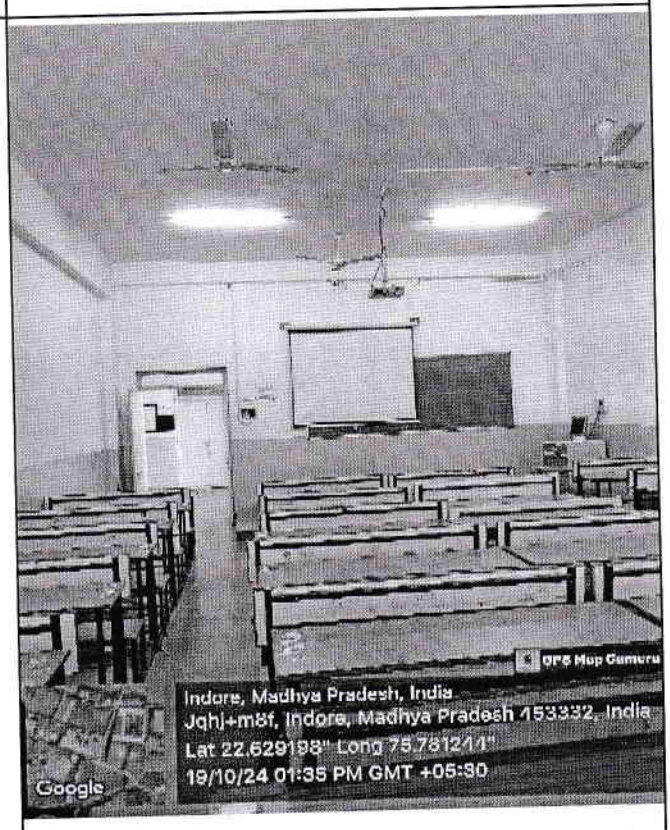
Class Room No 8



Inside View of Class Room No 8



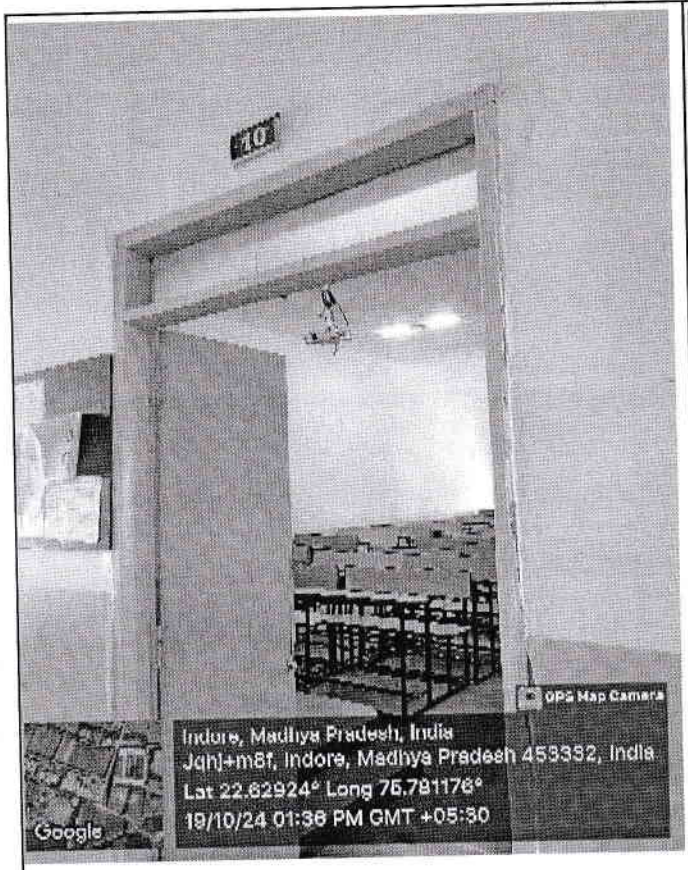
Class Room No 9



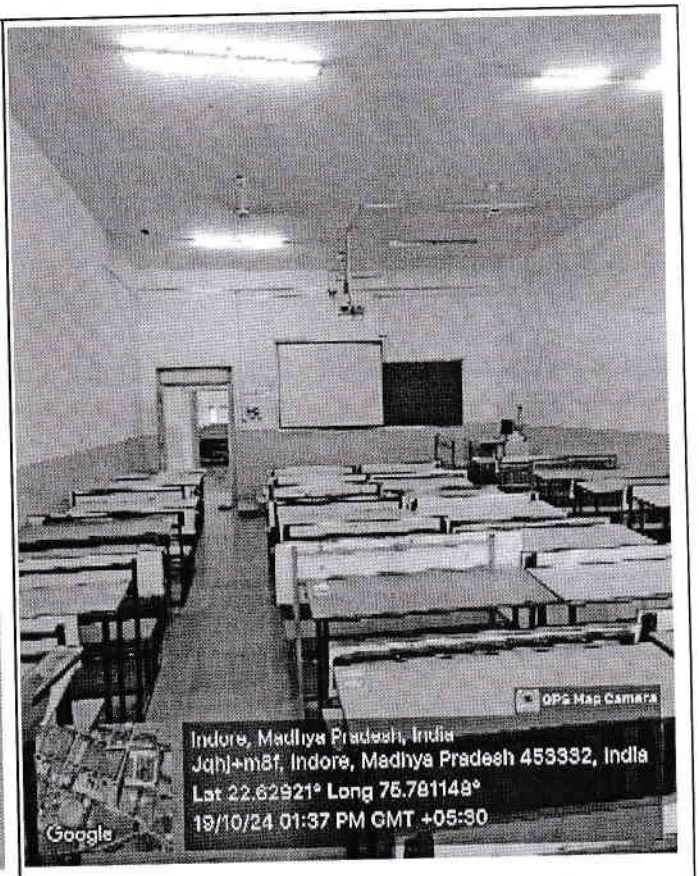
Inside View of Class Room No 9

For IIST/ IIP/ IIM...
Chief Administrative Officer

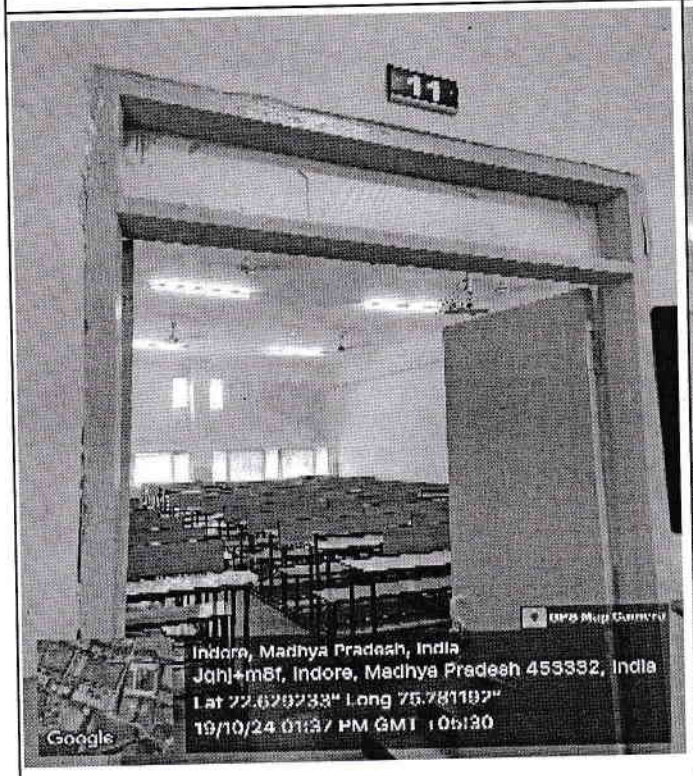
Principal
Indore Institute of Science and Technology, Indore



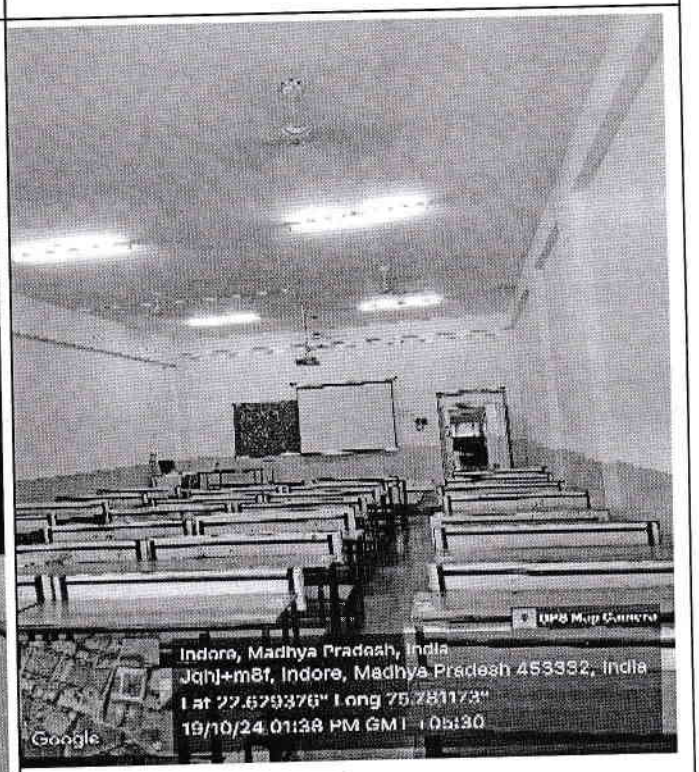
Class Room No 10



Inside View of Class Room No 10



Class Room No 11



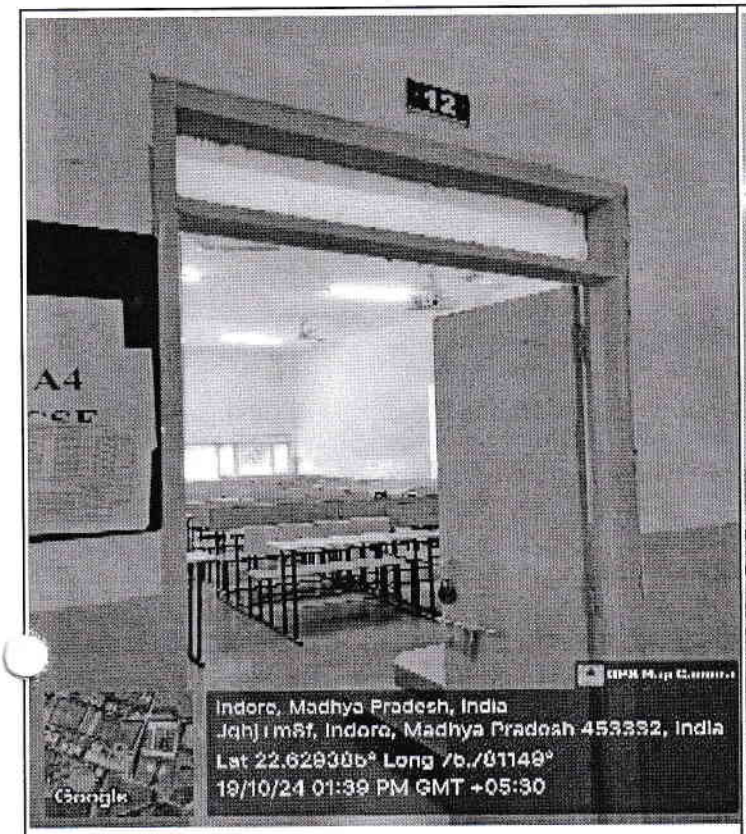
Inside View of Class Room No 11

For IIST/ IIP/ IIMR

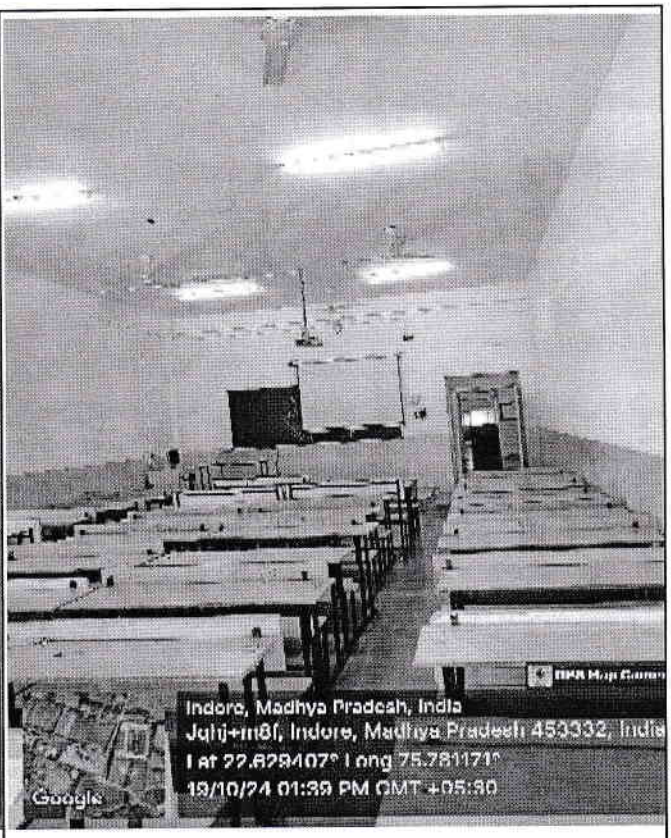
Officer

IQAC

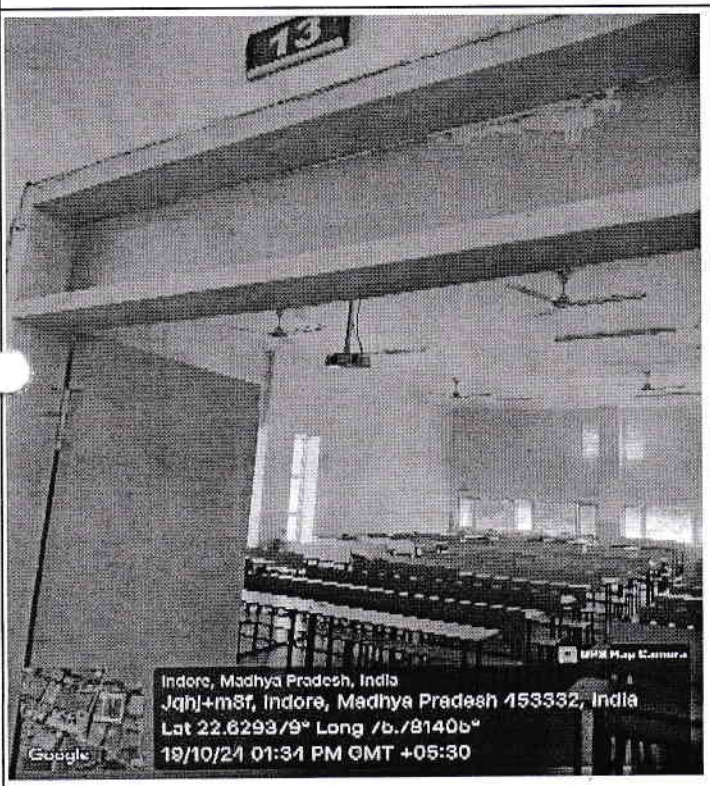
Principal
Indore Institute of Science and Technology, Indore



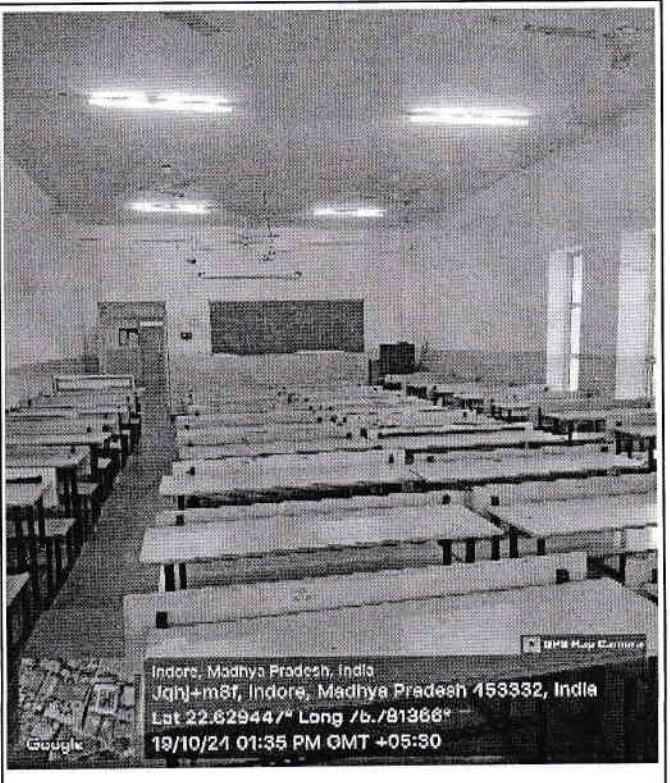
Class Room No 12



Inside View of Class Room No 12



Class Room No 13

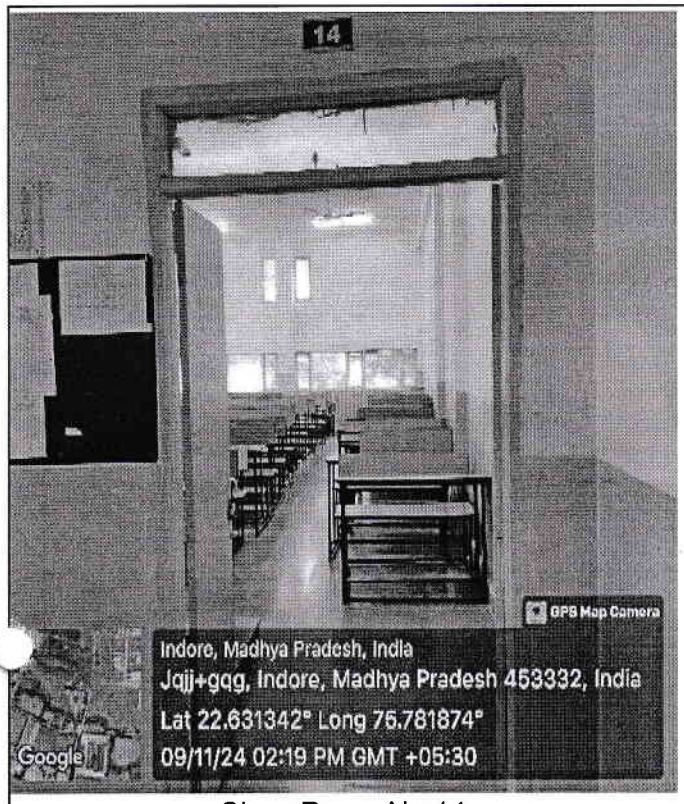


Inside View of Class Room No 13

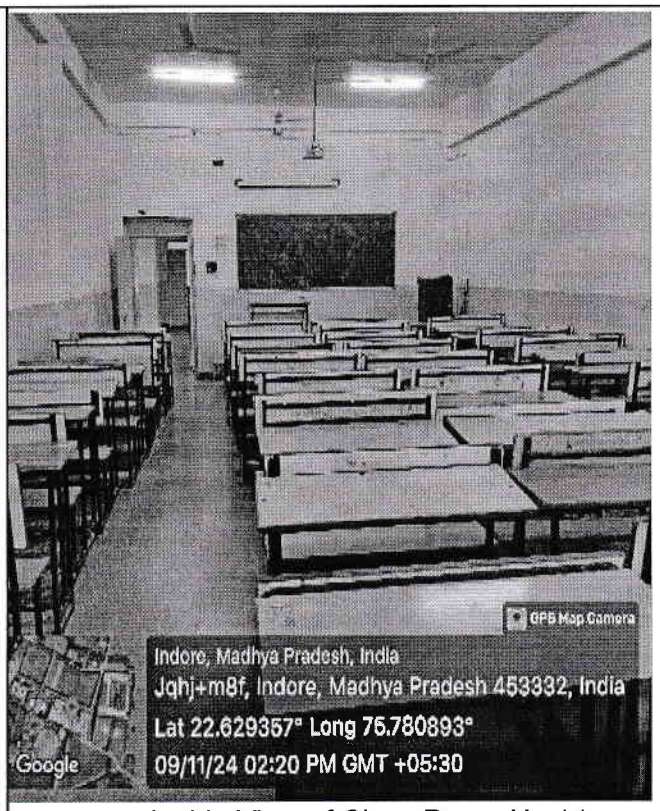
for IIST/ IIP/ IIMR

Chief Administrative Officer

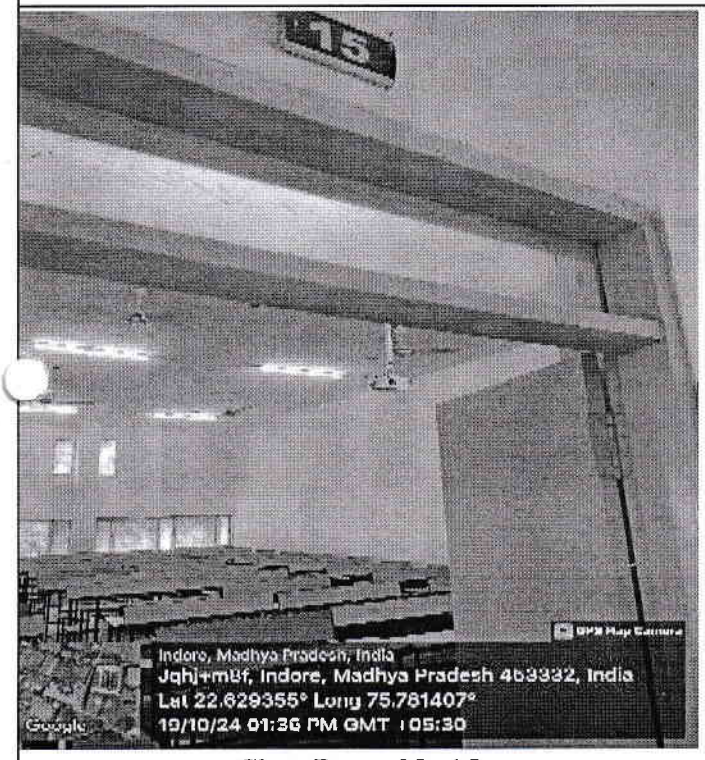
Principal
Indore Institute of Science and Technology, Indore



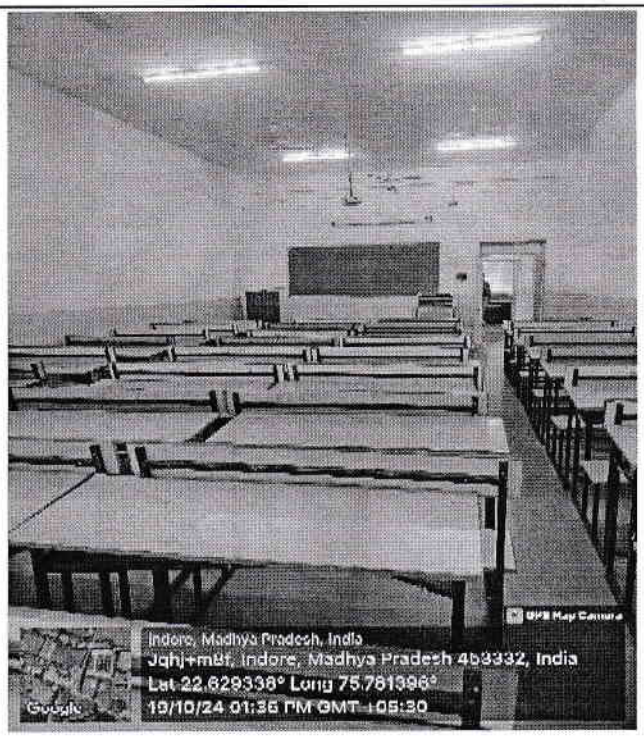
Class Room No 14



Inside View of Class Room No 14



Class Room No 15



Inside View of Class Room No 15

For IIST/ IIP/ IIMR

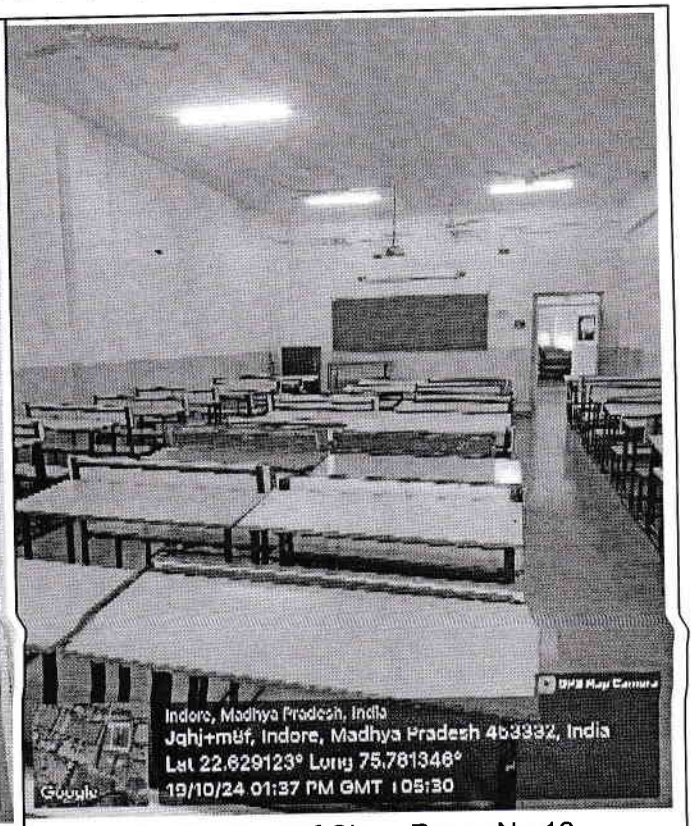
Chief Administrative Officer

Indore Institute of Science and Technology IQAC INDORE

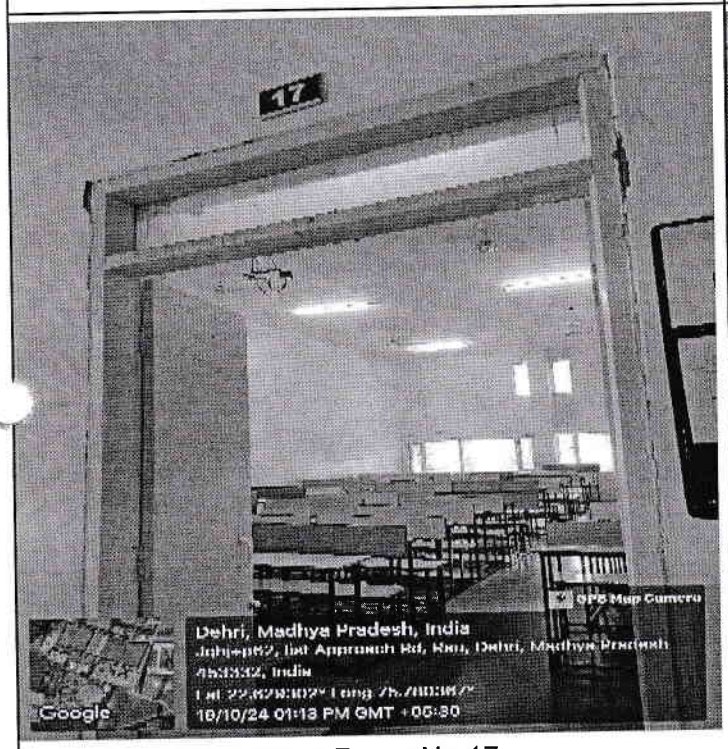
Principal

Indore Institute of Science and Technology, Indore

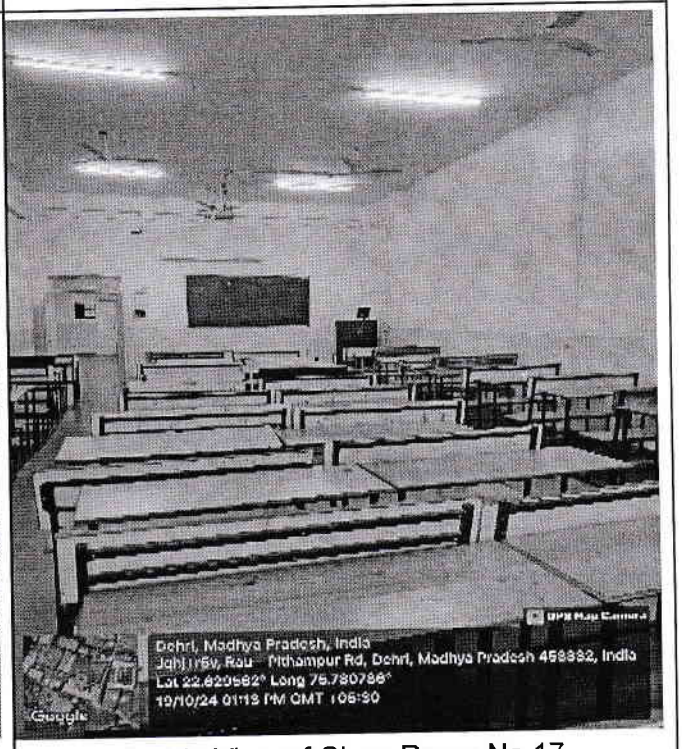
Class Room No 16



Inside View of Class Room No 16



Class Room No 17

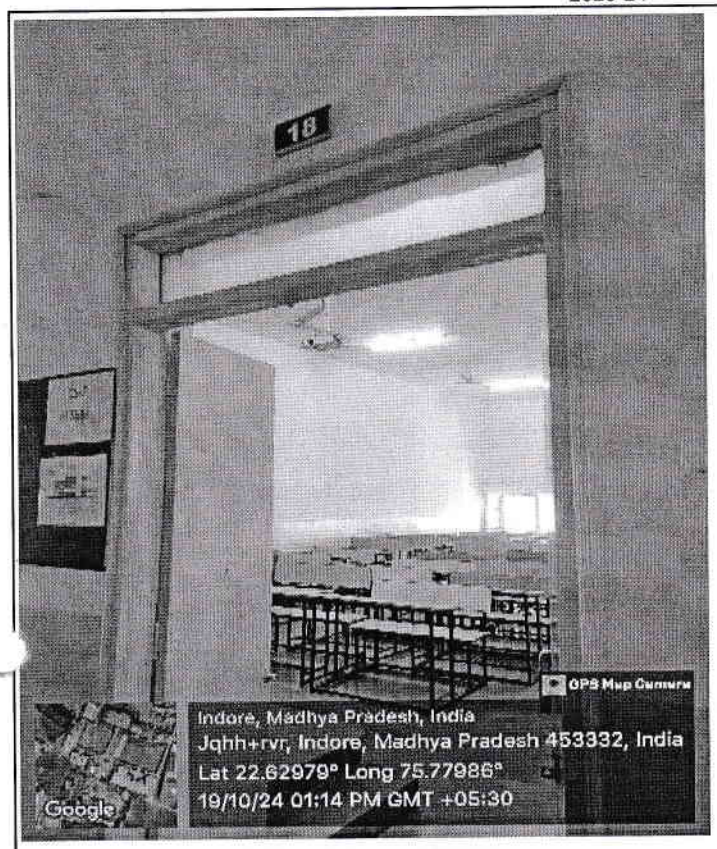


Inside View of Class Room No 17

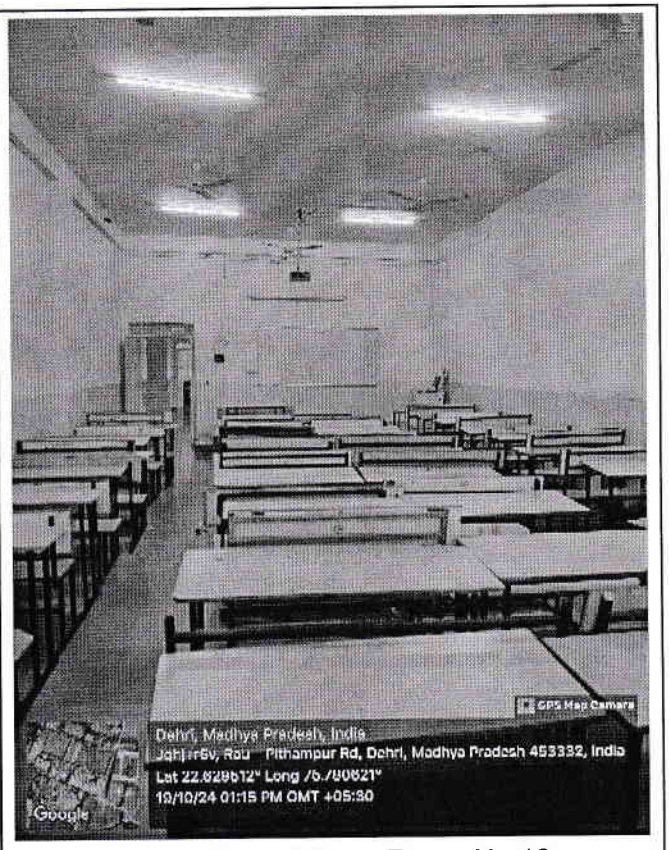
For IIST/ IIP/ IIMR
Chief Administrative Officer

IQAC
Indore Institute of Science and Technology
INDORE

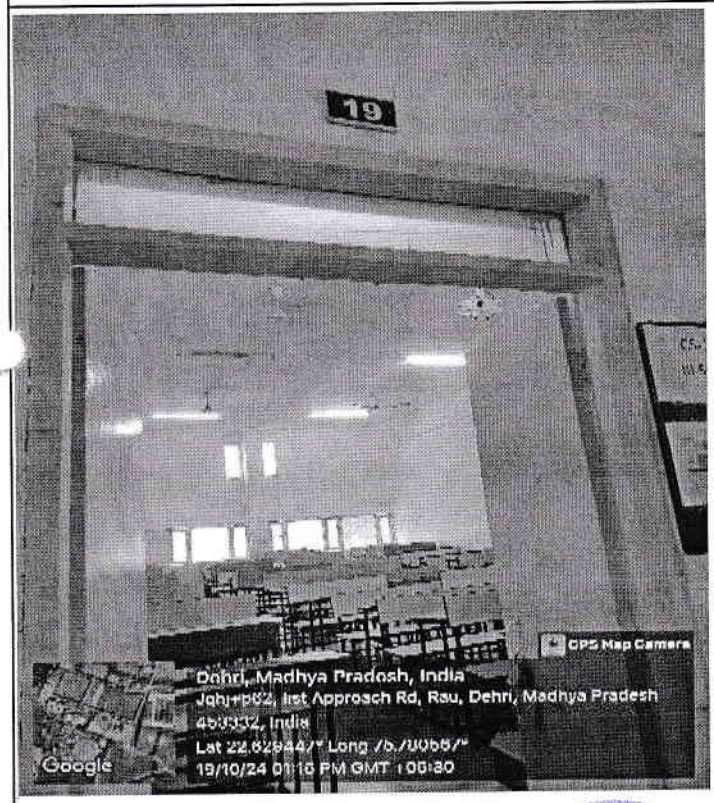
Principal
Indore Institute of Science and Technology, Indore



Class Room No 18



Inside View of Class Room No 18



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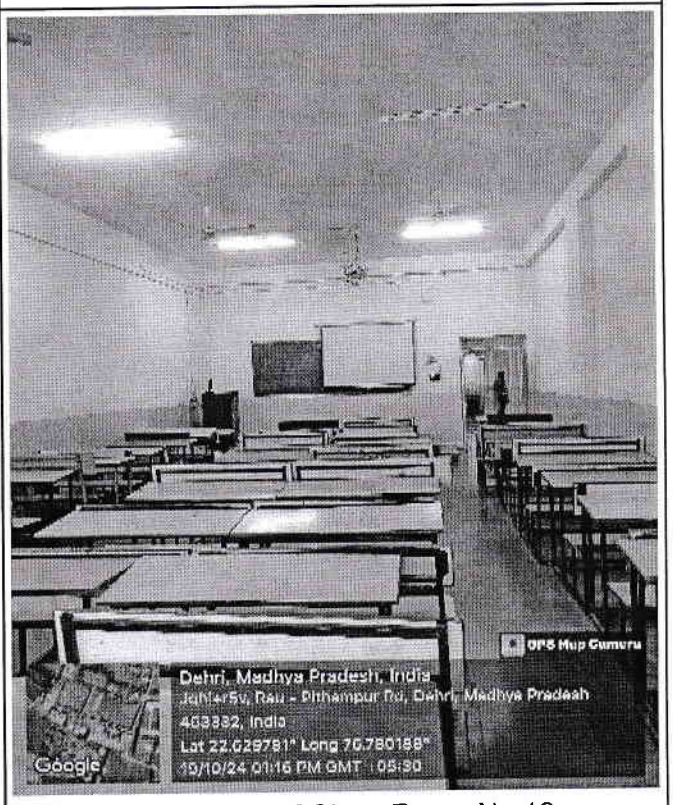

Inside View of Class Room No 19

For IIST/ IIP/ IIM

IQAC

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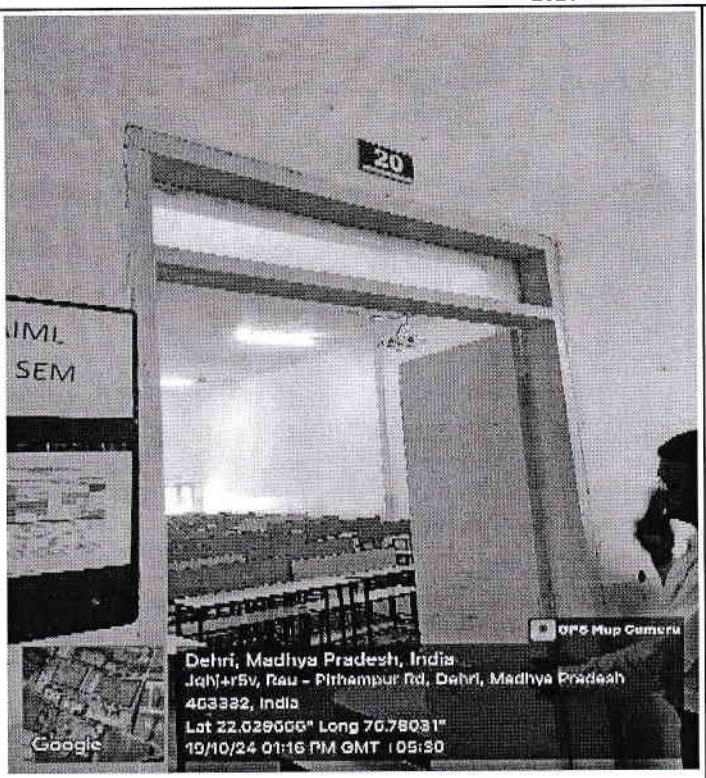
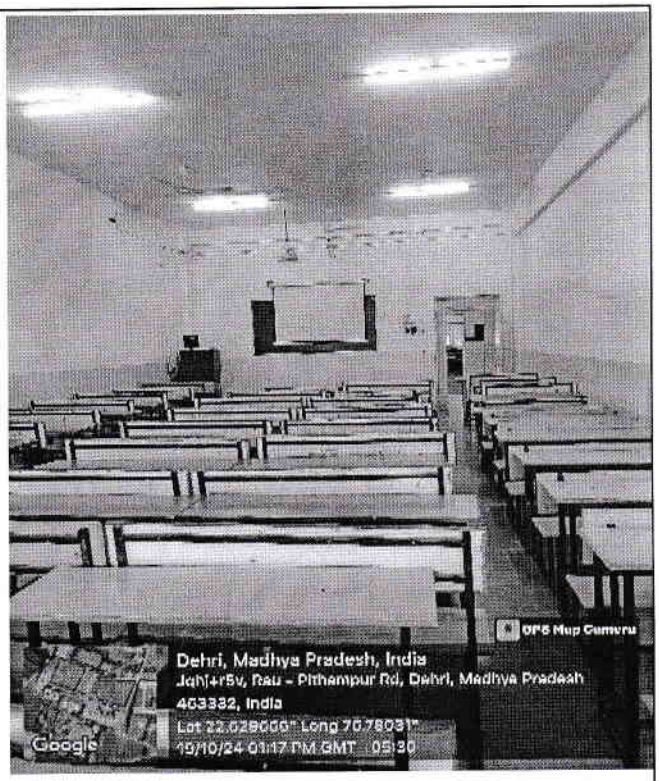
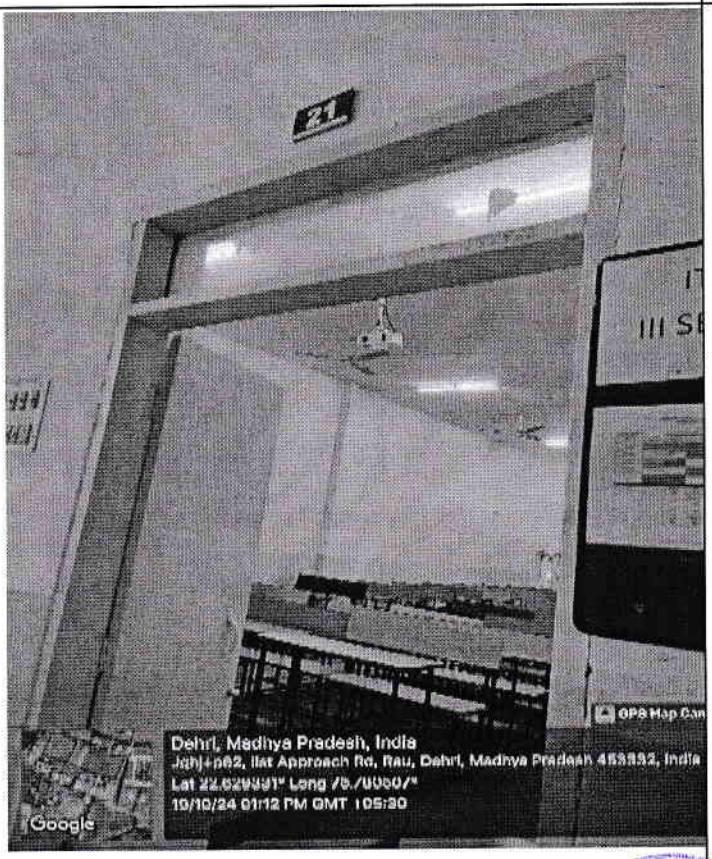
Indore Institute of Science and Technology, Indore



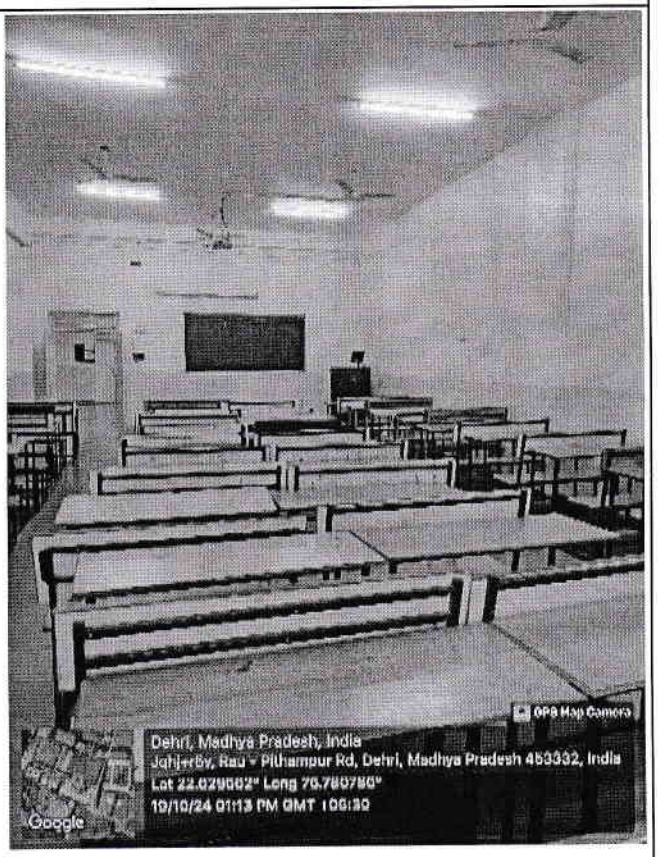
Class Room No 20



Inside View of Class Room No 20



Class Room No 21

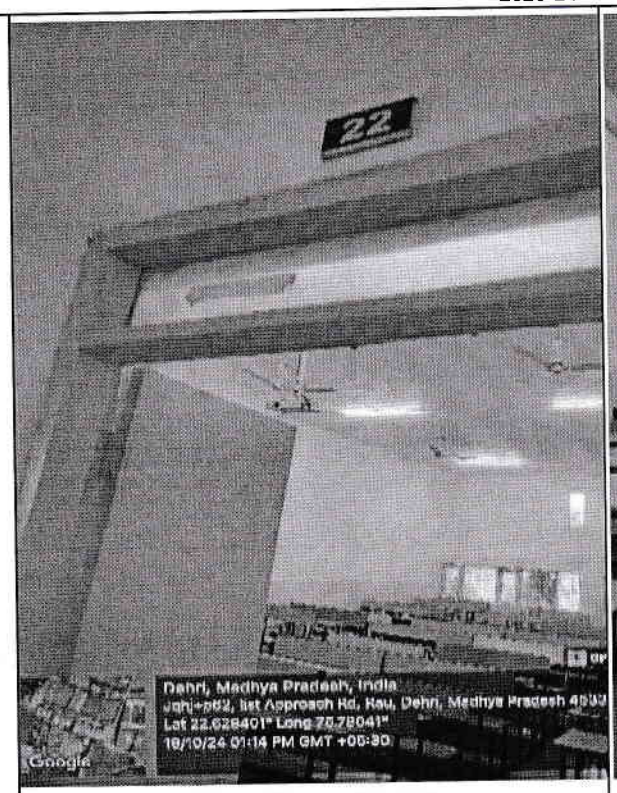


Inside View of Class Room No 21

For IIST/ IIP/ IIMR

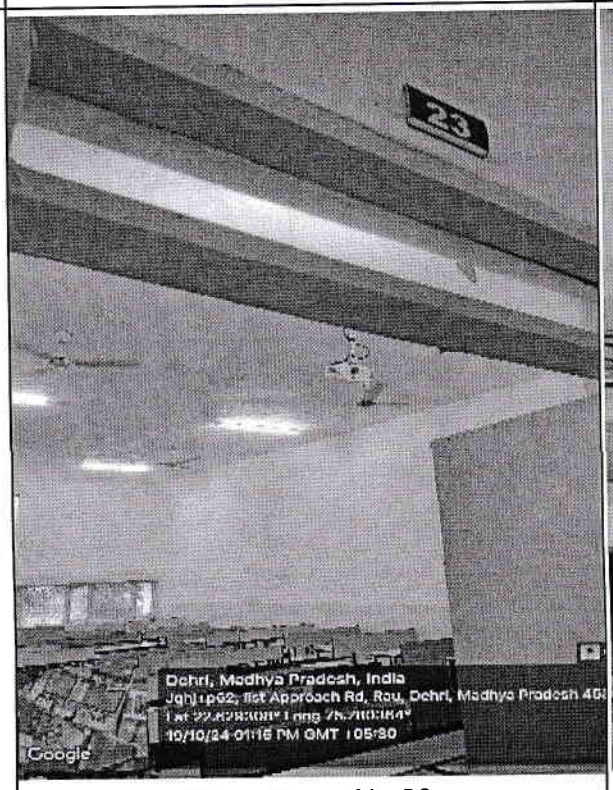
Chief Administrative Officer

Principal
Indore Institute of Science and Technology, Indore

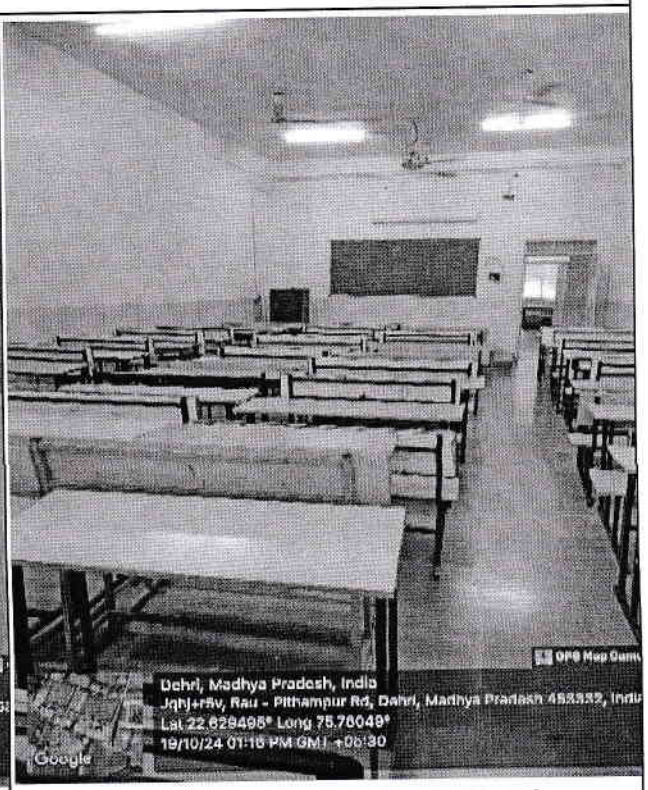


Class Room No 22

Inside View of Class Room No 22



Class Room No 23



Inside View of Class Room No 23

For IIST/ IIP/ IIM...
Chief Administrative Officer

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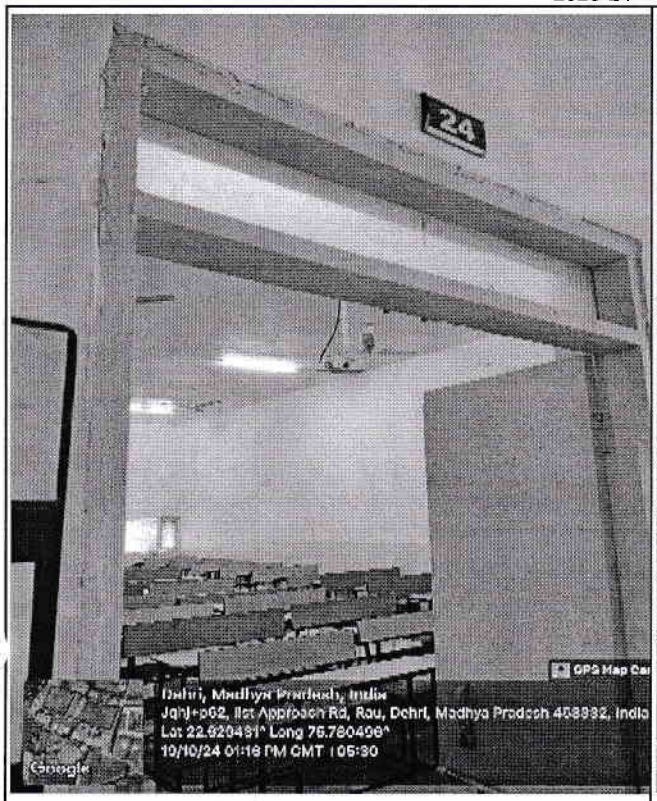
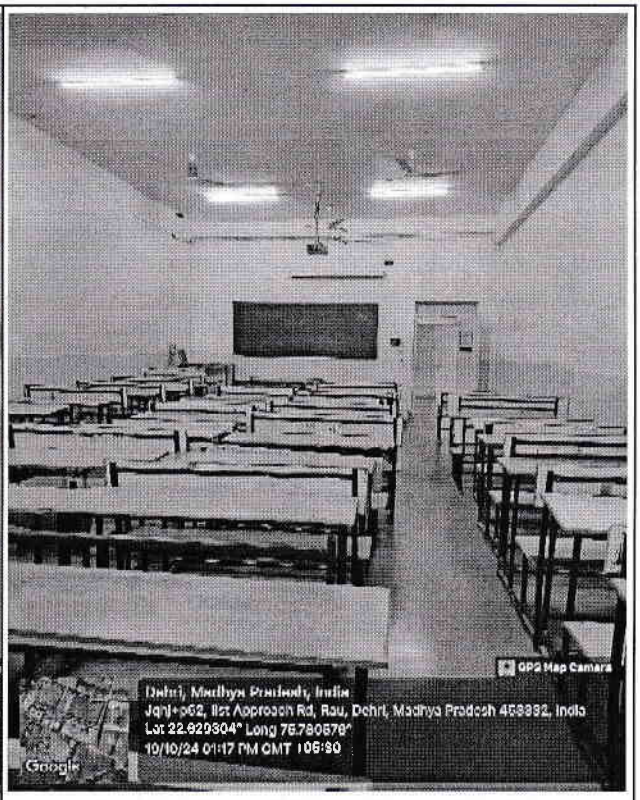
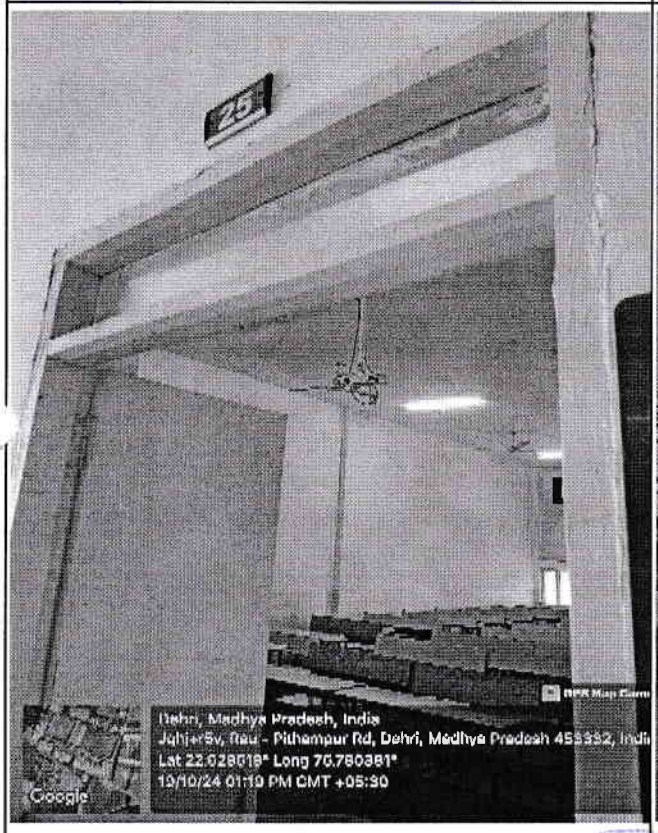


Class Room No 24



Inside View of Class Room No 24



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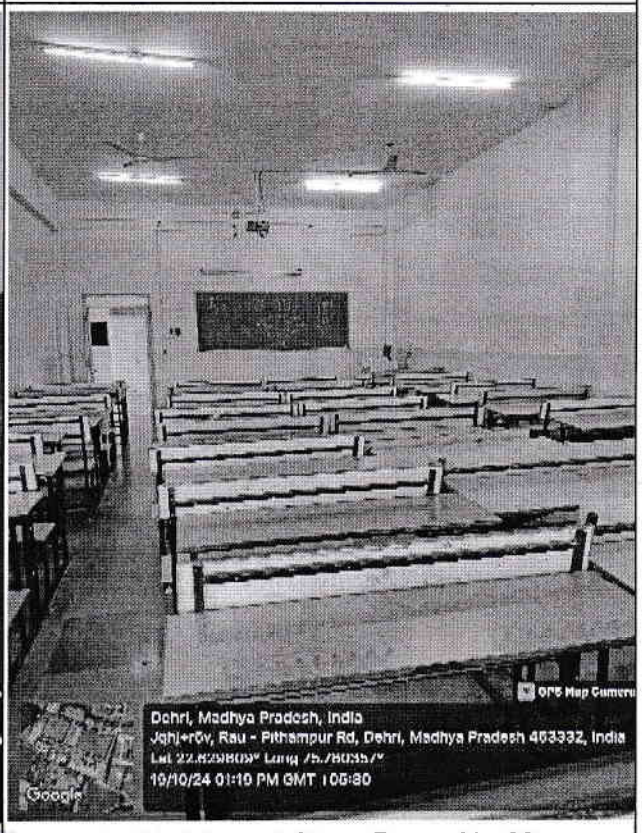

Inside View of Class Room No 25

For IIST/ IIP/ IIM...

Chief Administrative Officer

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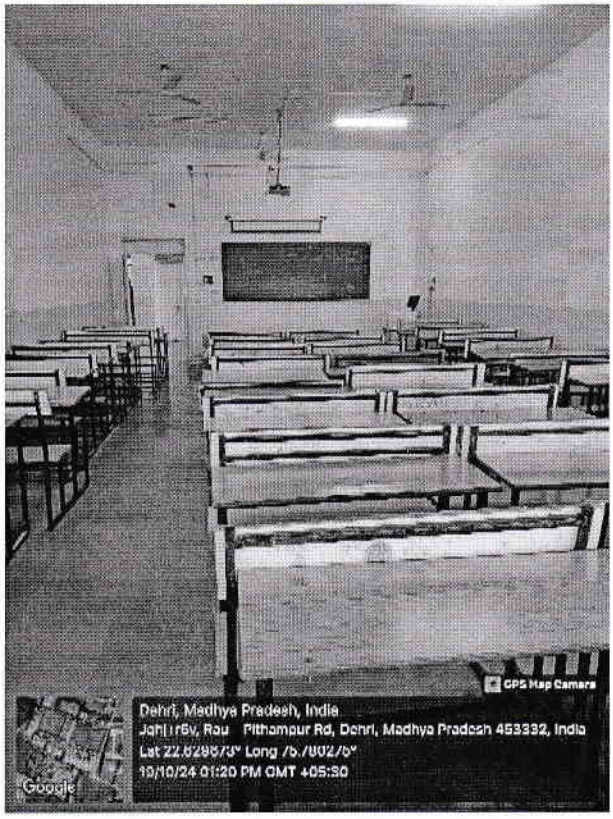
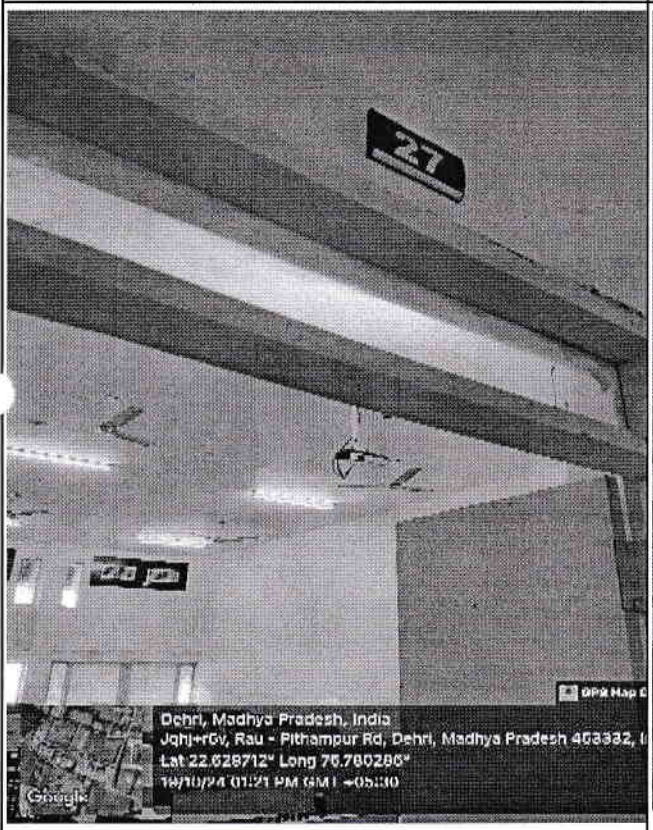
Indore Institute of Science and Technology, Indore

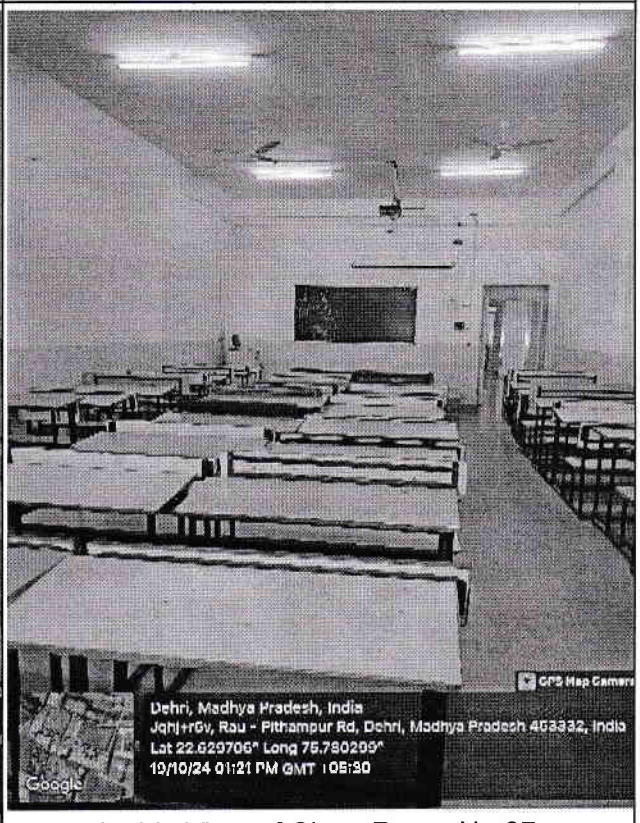
Class Room No 26



Inside View of Class Room No 26



Class Room No 27



Inside View of Class Room No 27

For IIST/ IIP/ IIM

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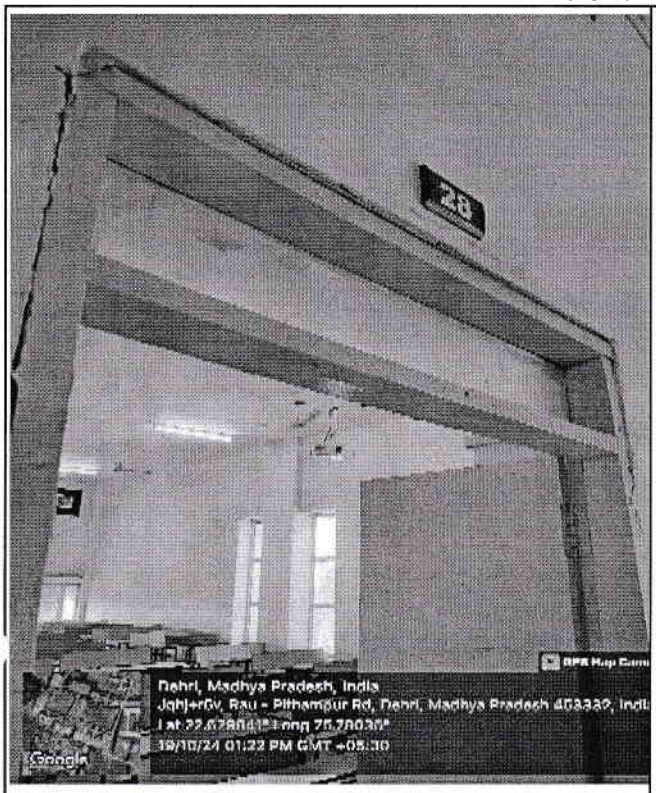
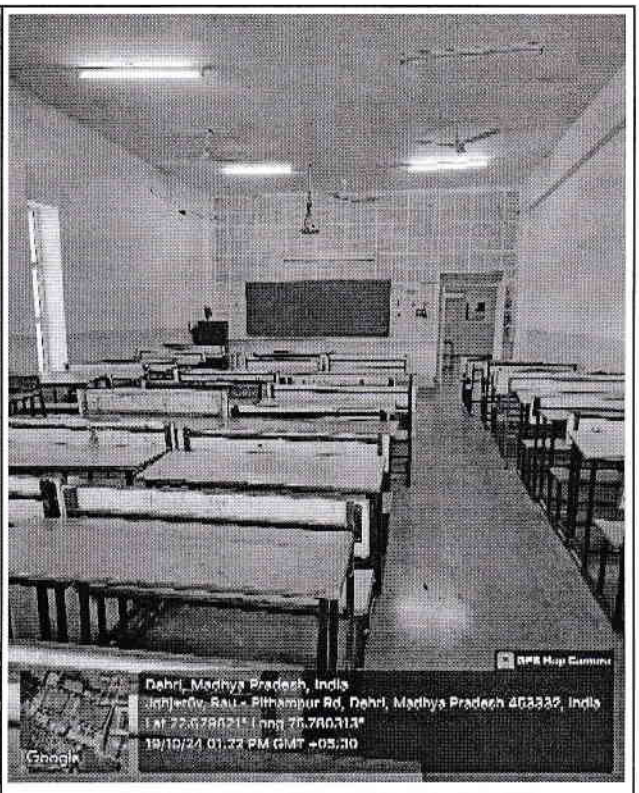
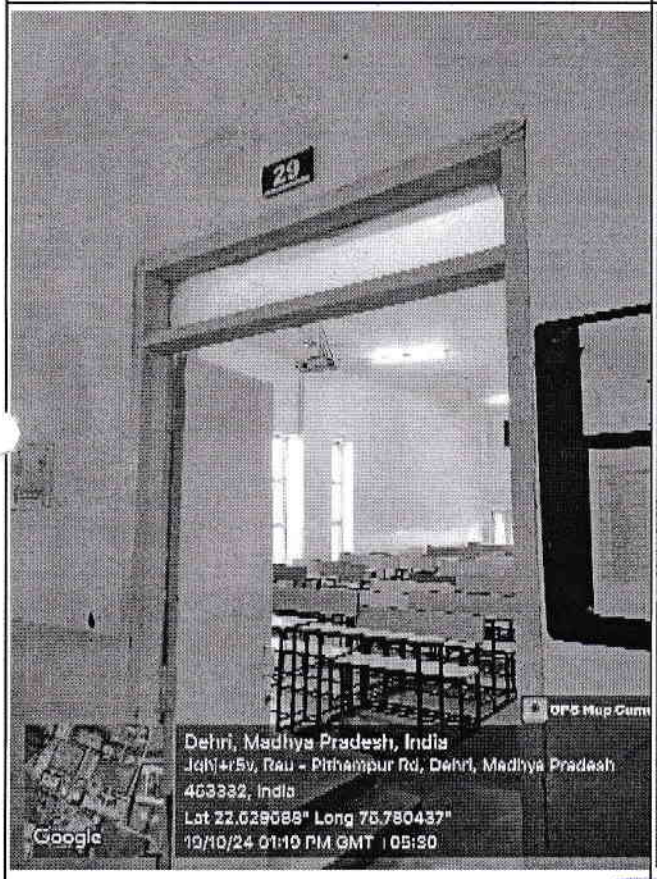


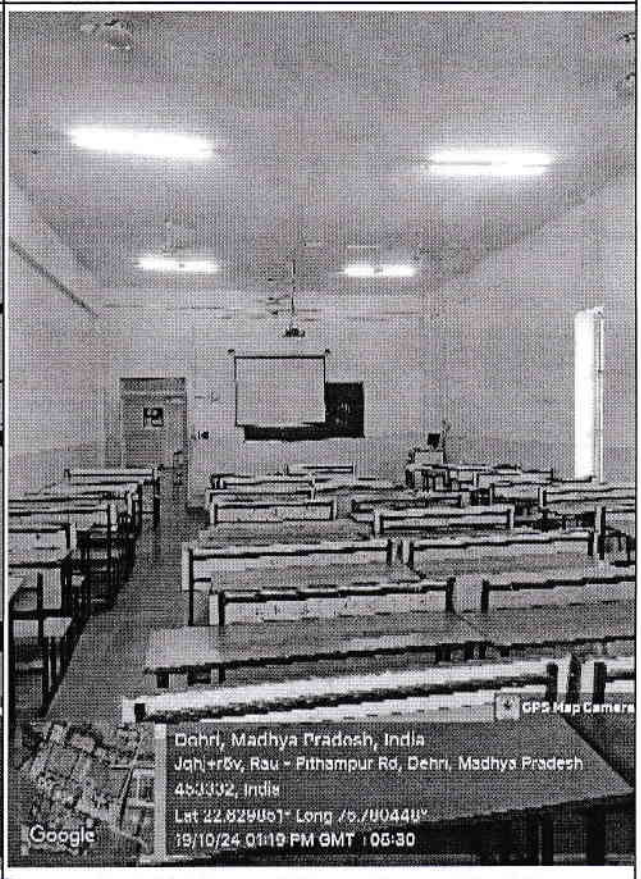
Class Room No 28



Inside View of Class Room No 28



Class Room No 29



Inside View of Class Room No 29

For IIST/ IIP/ [illegible]

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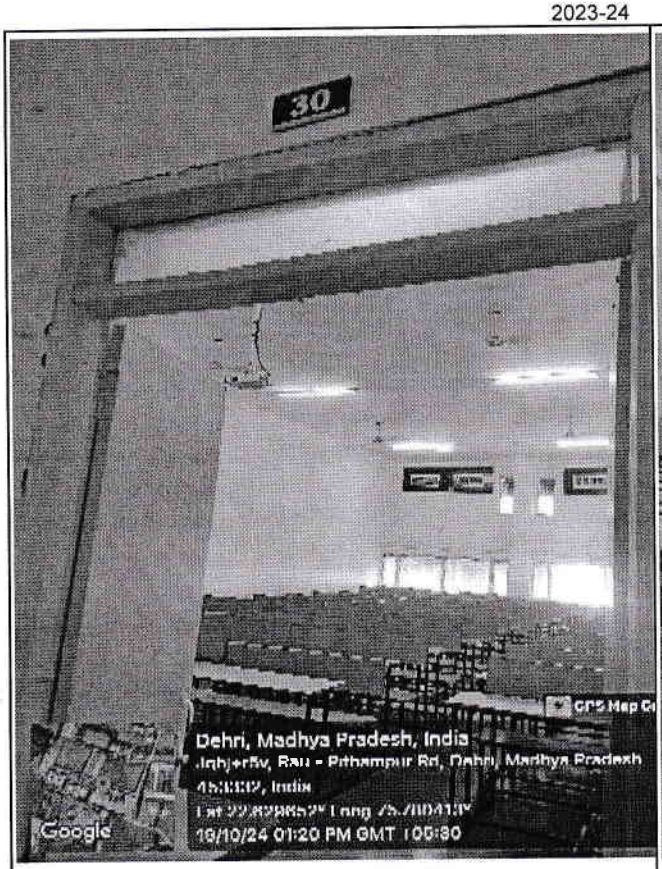
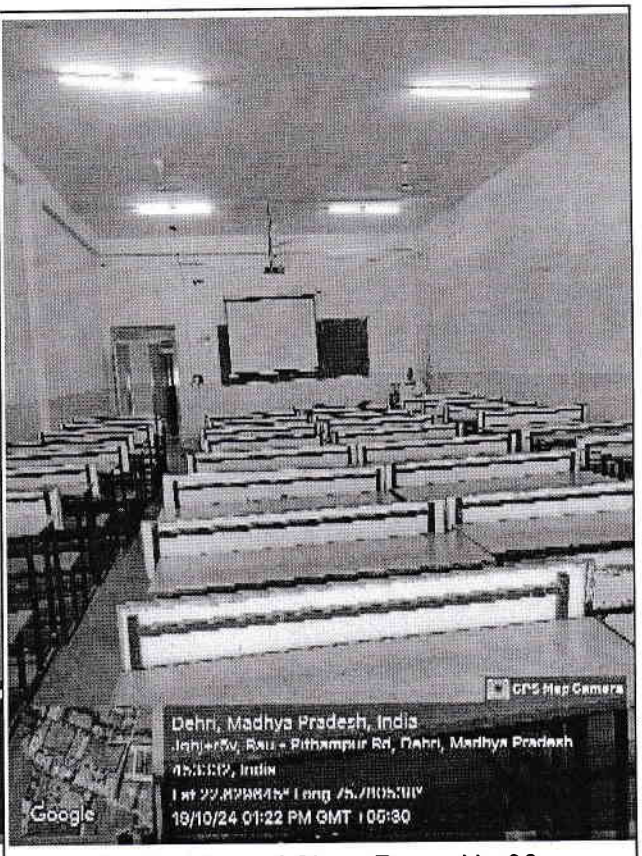
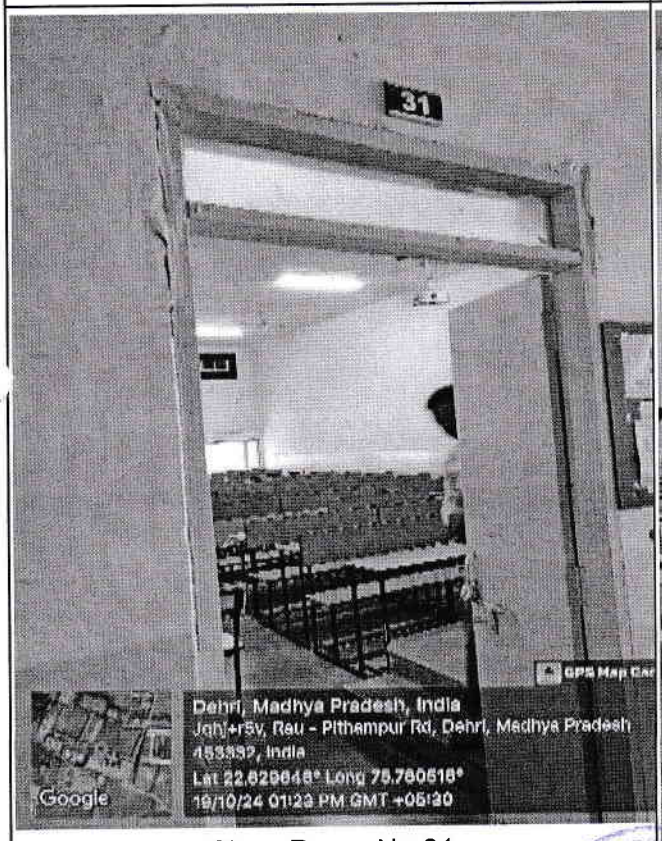


Class Room No 30



Inside View of Class Room No 30



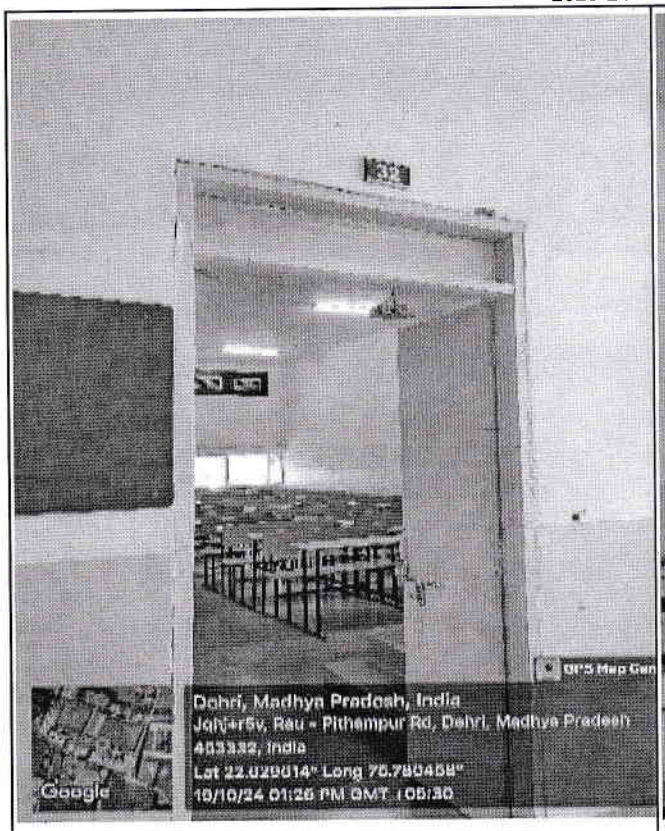
Class Room No 31

Inside View of Class Room No 31

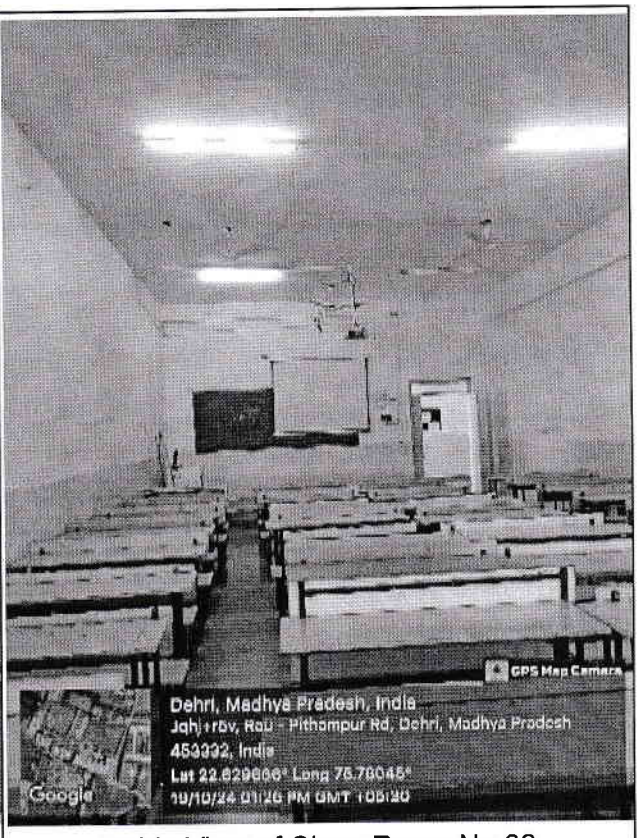
For IIST/ IIP/ IIM.

Administrative Officer

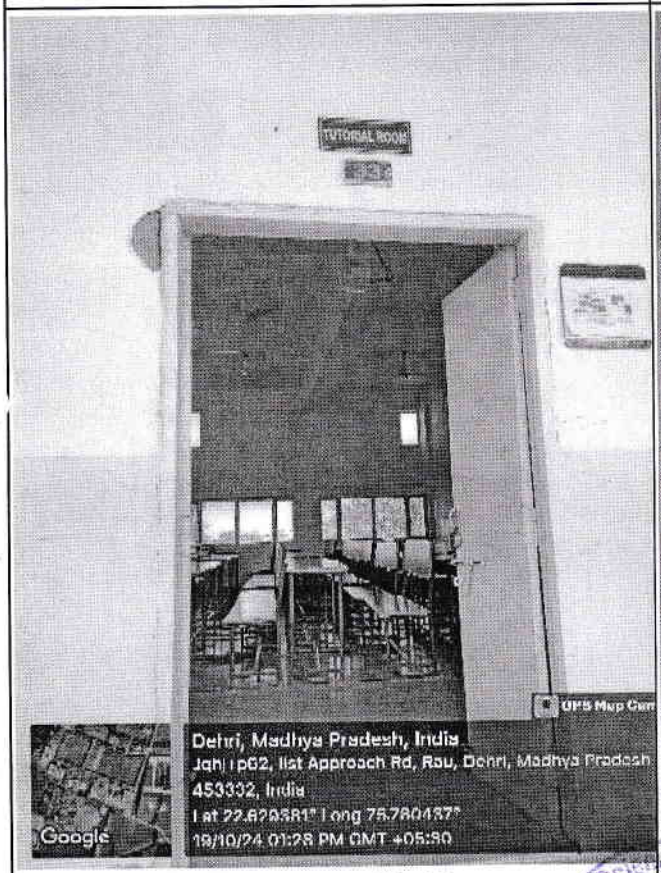
Principal
Indore Institute of Science and Technology, Indore



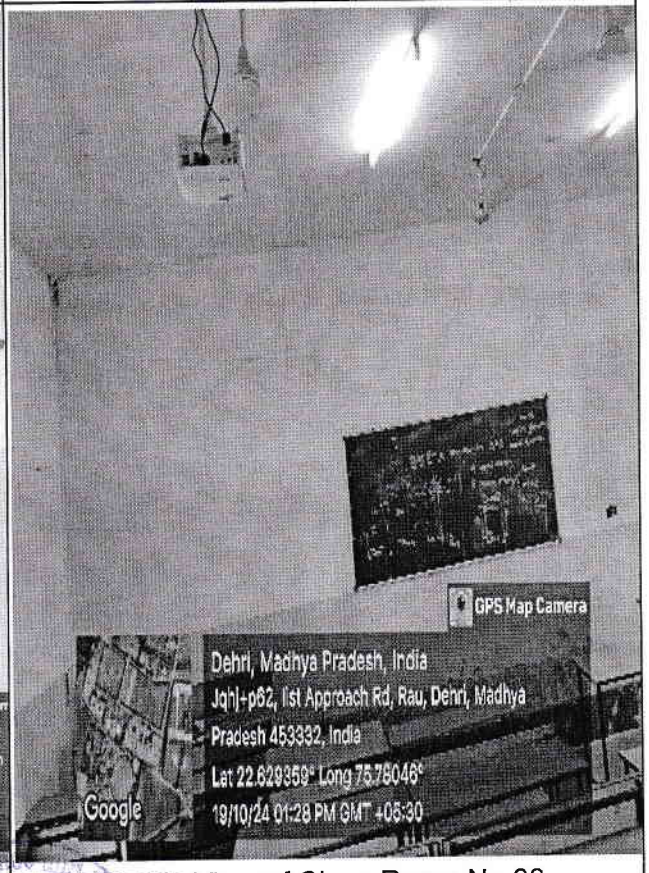
Class Room No 32



Inside View of Class Room No 32



Class Room No 33

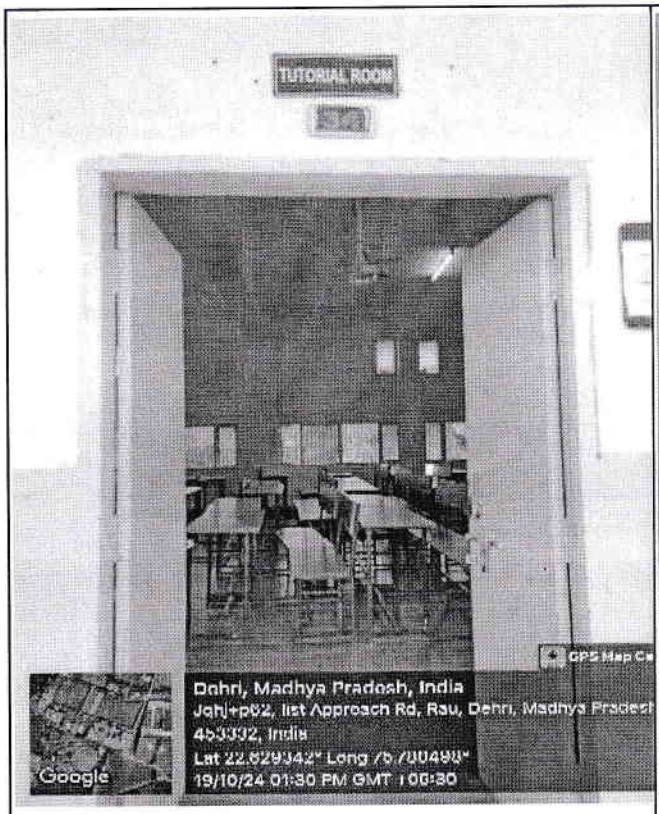


Inside View of Class Room No 33

For IIST/ IIP/ IIMR
Chief Administrative Officer

IQAC
Indore Institute of Science & Technology

Principal
Indore Institute of Science and Technology, Indore



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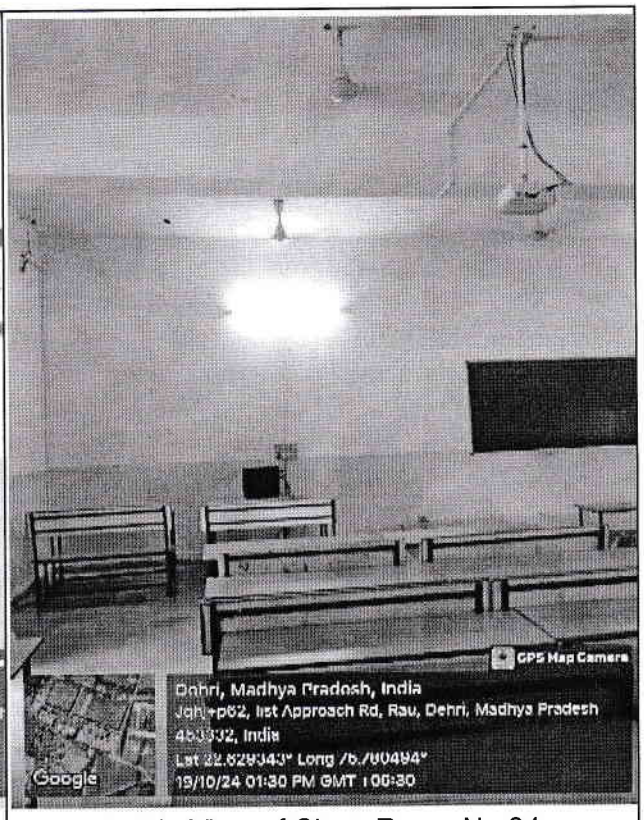
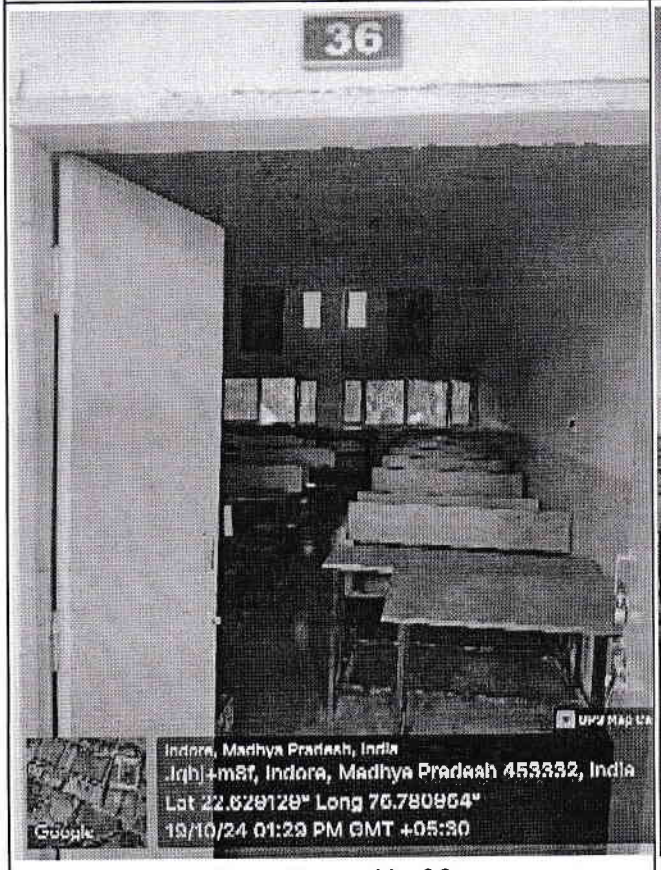


Inside View of Class Room No 34



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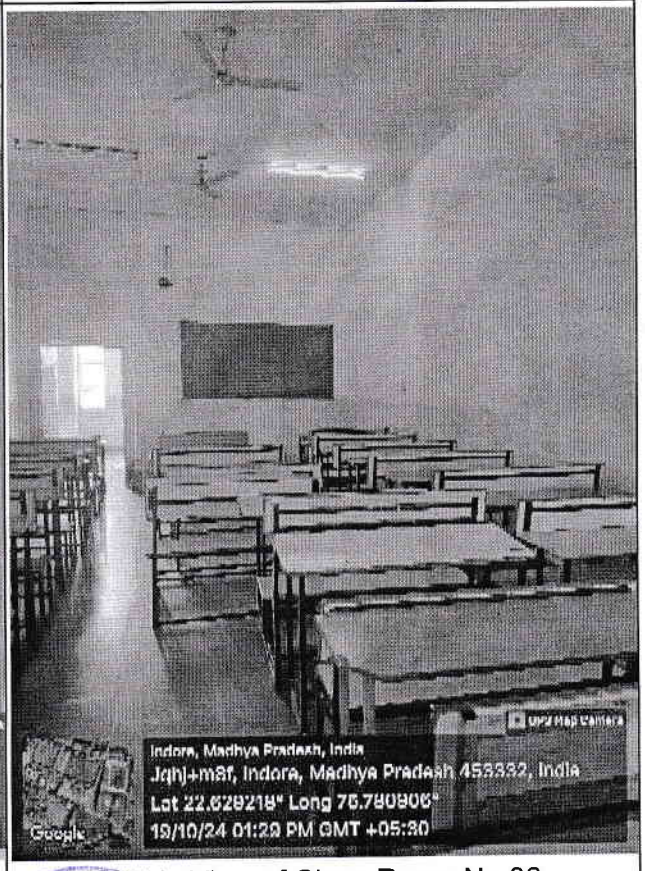

Inside View of Class Room No 36

For IIST/ IIP/ IIM

Chief Administrative Officer

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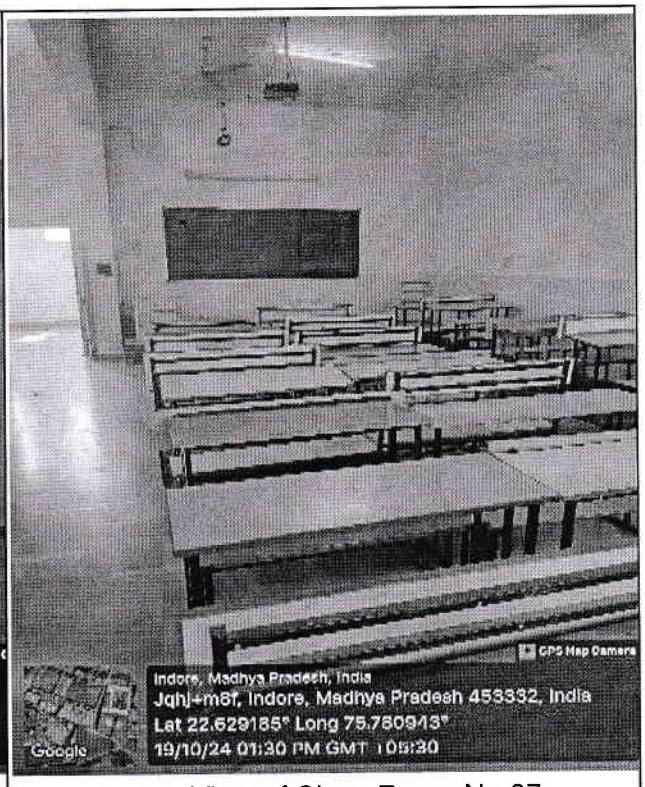
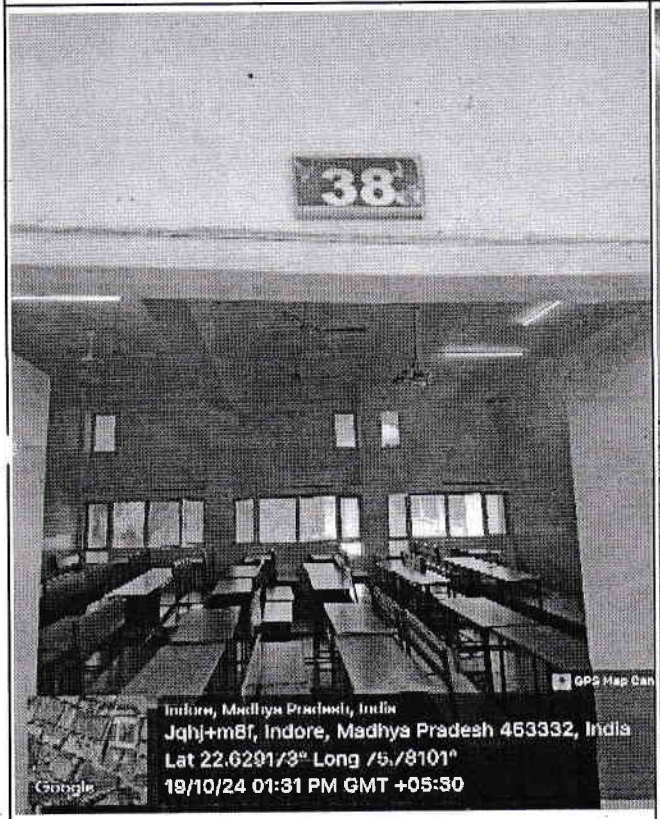
Indore Institute of Science and Technology

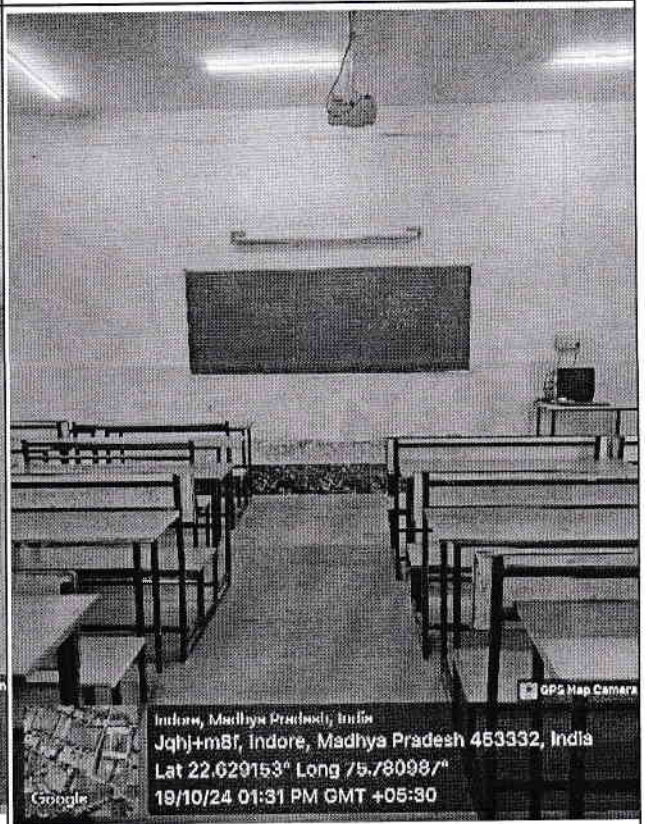
Class Room No 37



Inside View of Class Room No 37



Class Room No 38



Inside View of Class Room No 38

For IIST/ IIP/ IIMR

Chief Administrative Officer

Principal
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	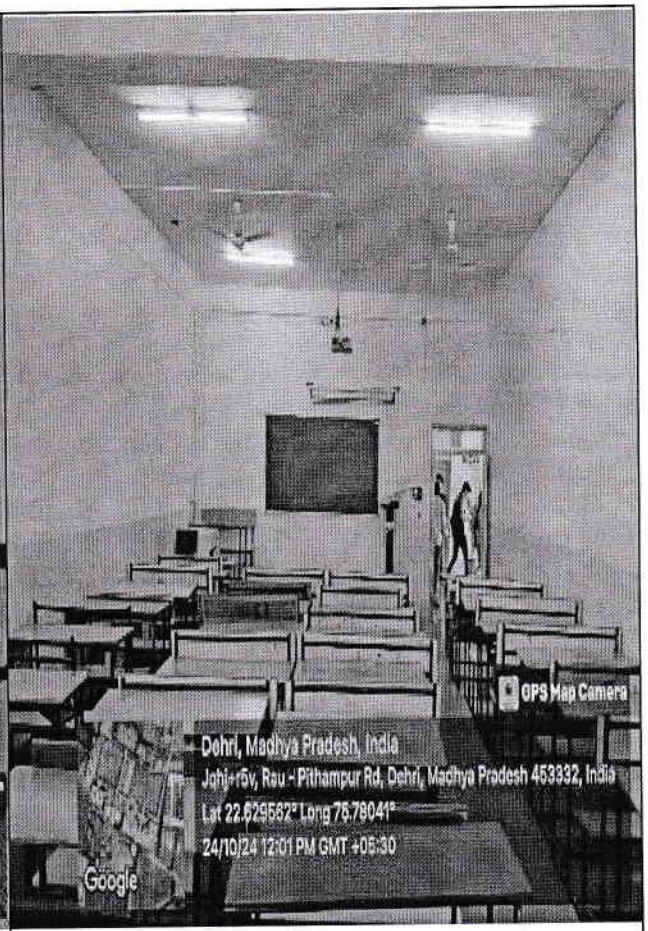
Class Room No 39	Inside View of Class Room No 39

for IIST/ IIP/ IIMR
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Details of 53 laboratories with Room No. 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		ENGG GRAPHICS LAB	MECHANICAL	15.13	9.72	147
6	Ground - C	L-32	CAD/CAM/CIM LAB	MECHANICAL	15.3	7.78	119
7	1st - A	L-53	FEM CFD LAB	MECHANICAL	10.63	7.23	77
8	Ground - C	L-33	TURBO MACHINE LAB	MECHANICAL	15.2	6.62	101
9	Ground - C	L-19	BASIC MECHANICAL ENGG LAB	MECHANICAL	10.42	8.35	87
10	Ground - C	L-36	IC - ENGINE LAB	MECHANICAL	15.2	7.36	112
11	Ground - C	L-34	FLUID MECHANICS LAB	MECHANICAL	9.75	7.24	71
12	Ground - C	L-21	HEAT & MASS TRANSFER LAB	MECHANICAL	9.64	9.69	93
13	Ground - C	L-31	REFRIGERATION & AIR CONDITIONING	MECHANICAL	15.57	4.72	73
14	Ground - C	L-37	THEORY OF MACHINE LAB	MECHANICAL	12.54	5.88	74
15	Ground - A	L-5	GEO TECHNICAL ENGINEERING LAB	CIVIL	15.26	7.97	122
16	Ground - A	L-10	THEORY OF STRUCTURES LAB	CIVIL	14.75	9.55	141
17	Ground - A	L-4	BASIC CIVIL ENGG. LAB	CIVIL	10.01	7.8	78

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18	Ground - A	L-7	FLUID MECHANICS LAB	CIVIL	14.75	4.87	72
19	Ground - A	L-12 & L-13	CMT & HIGHWAY LAB	CIVIL	17.2	9.87	170
20	Ground - A	L-2	EYANTRA LAB	EC	12.77	6.09	78
21	1st - A	L-50	OPTICAL COMMUNICATION LAB	EC	13.44	7.24	97
22	1st - A	L-49	PROJECT LAB I	EC	13.36	7.37	98
23	1st - A	L-52	MAT LAB	EC	11.39	7.07	81
24	1st - C	L-47	NETWORK ANALYSIS LAB	EC	4.88	3.72	18
25	Ground - C	L-29	BASIC ELECTRICAL & ELECTRONICS ENGG. LAB	EC	15.55	4.72	73
26	1st - A	L-57	ROBOTICS CLUB LAB	EC	4.86	4.38	21
27	Ground - C	L-30	ELECTRONIC DEVICE & CIRCUIT LAB	EC	15.58	4.77	74
28	1st - A	L-55	VLSI LAB	EC	10.63	7.24	77
29	1st - A	L-51	SOFTWARE LAB	EC	7.23	4.85	35
30	Ground - A	L-8	PHYSICS LAB	ESH	14.75	4.89	72
31	Ground - A	L-1	CHEMISTRY LAB	ESH	14.76	7.37	109
32	1st - A		LANGUAGE LAB	ESH	11.38	7.07	80
33	1st - A	L-54	COMMUNICATION LAB II	ESH	10.63	7.22	77
34	Ground - B	L-14	CRE LAB	CHEMICAL	10.03	8.3	83
35	Ground - B	L-16	MASS TRANSFER LAB	CHEMICAL	10.39	9.87	103
36	Ground - B	L-15	FLUID PARTICLES MECHANICS LAB	CHEMICAL	9.85	9.8	97
37	1st - C	L-42	COMPUTER LAB-1	CSE	10.72	7.23	78
38	1st - C	L-41	COMPUTER LAB-2	CSE	10.71	7.23	77

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39	1st - C	L-40	COMPUTER LAB-3	CSE	10.72	7.22	77
40	1st - C	L-39	COMPUTER LAB-4	CSE	10.69	7.22	77
41	1st - C	L-43	COMPUTER LAB-5	CSE	11.4	7.07	81
42	1st - C	-	COMPUTER LAB-7	CSE	4.65	4.27	20
43	Ground - A	L-3	BASIC COMPUTER ENGG. LAB-II	CSE	9.87	7.24	71
44	Ground - C	L-23	COMPUTER LAB-8	AIML	8.58	7.07	83
45	Ground - C	L-26	COMPUTER LAB-9	AIML	8.58	7.09	83
46	1st - C	L-45	INTERNET LAB	CSE	11.39	7.08	81
47	1st - A	-	ANDROID LAB	IT	-	-	13.74
48	1st - C	L-56	DOT NET LAB	IT	10.63	7.24	77
49	1st - C	-	IOS LAB	CSE	-	-	14.24
50	1st - C	-	IOT	EC	7.26	4.88	35
51	1st - C	L-46	INTERNET OF THINGS	CSE	7.26	4.88	35
52	1st - C	-	COMPUTER CENTER IV	CSE	14.72	9.59	141.16
53	1st - C	-	COMPUTER CENTER V	CSE	12.64	12.39	156.6

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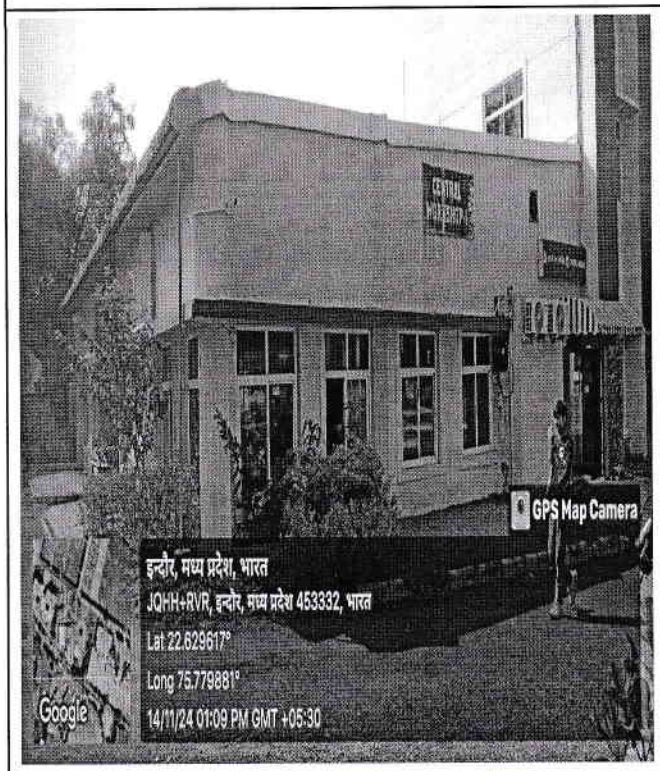
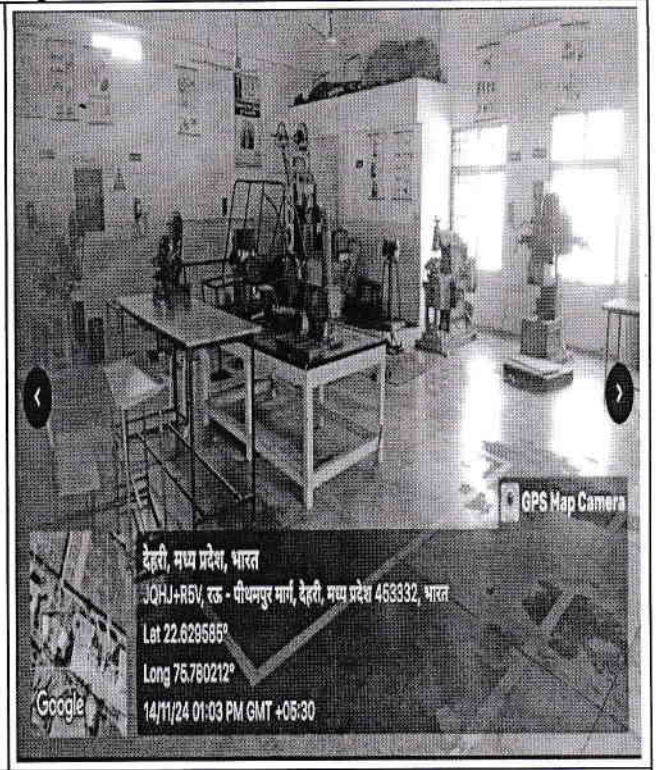
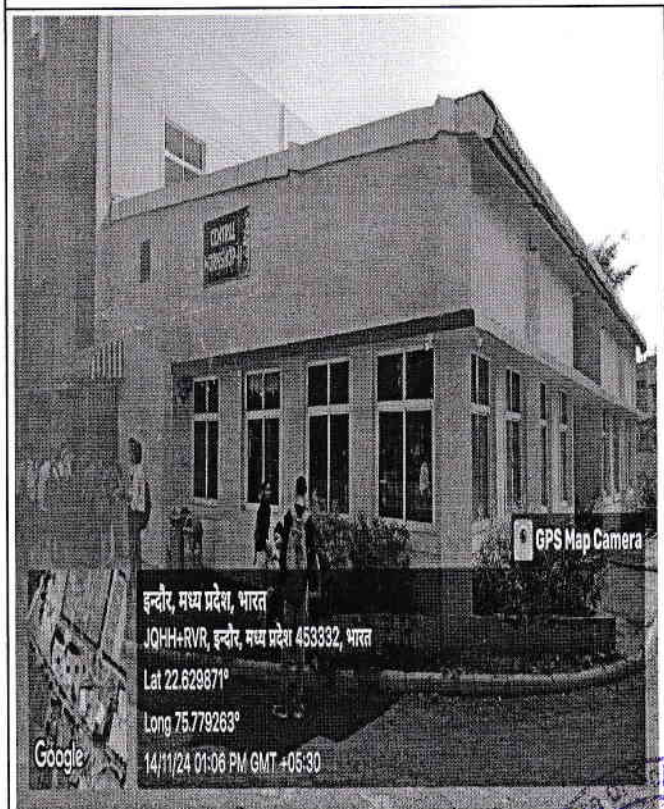
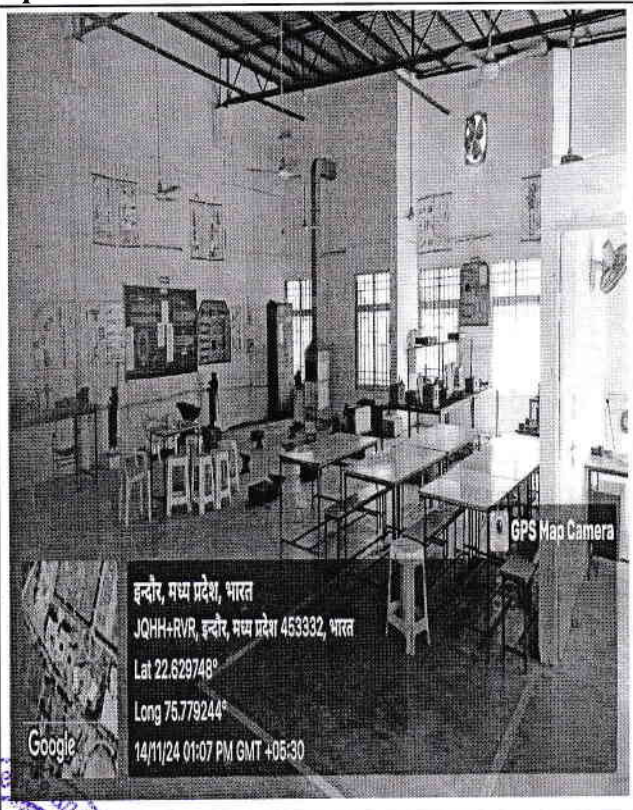
Geotagged Photo of Mechanical Department Laboratories

Workshop-I	
	
Outer View	**Inner View**

Workshop-II	
	
Outer View	**Inner View**

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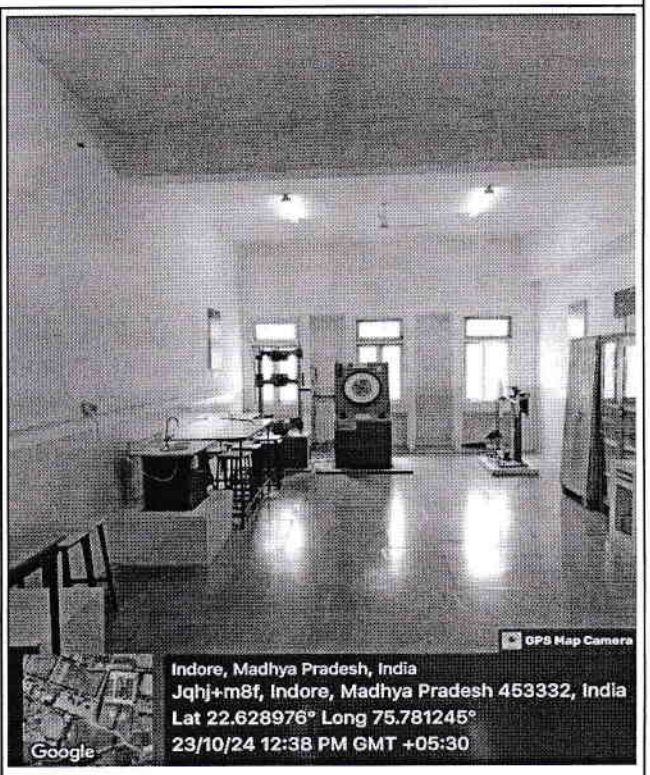
Strength of Materials Lab

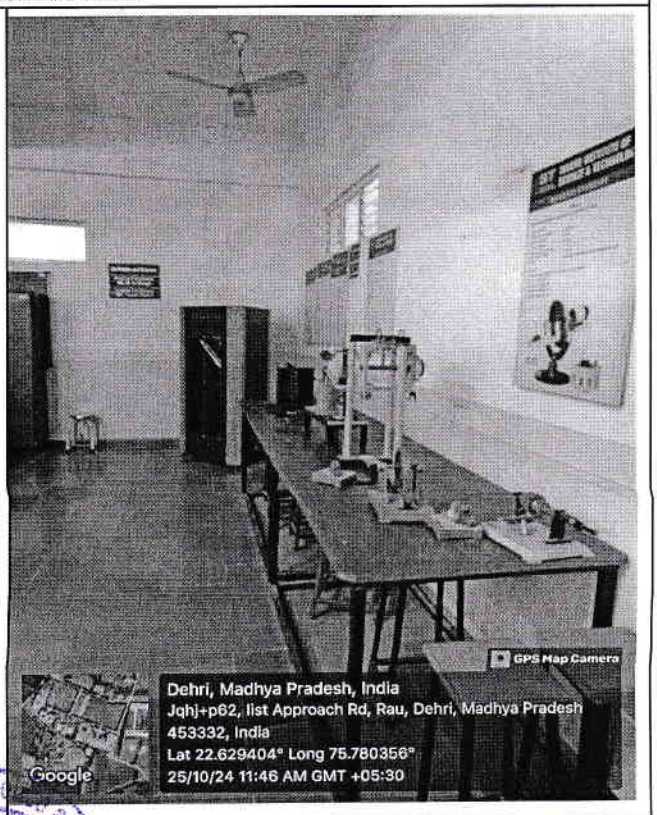
Outer View



Inner View

Dynamics of Machine Lab

Outer View



Inner View

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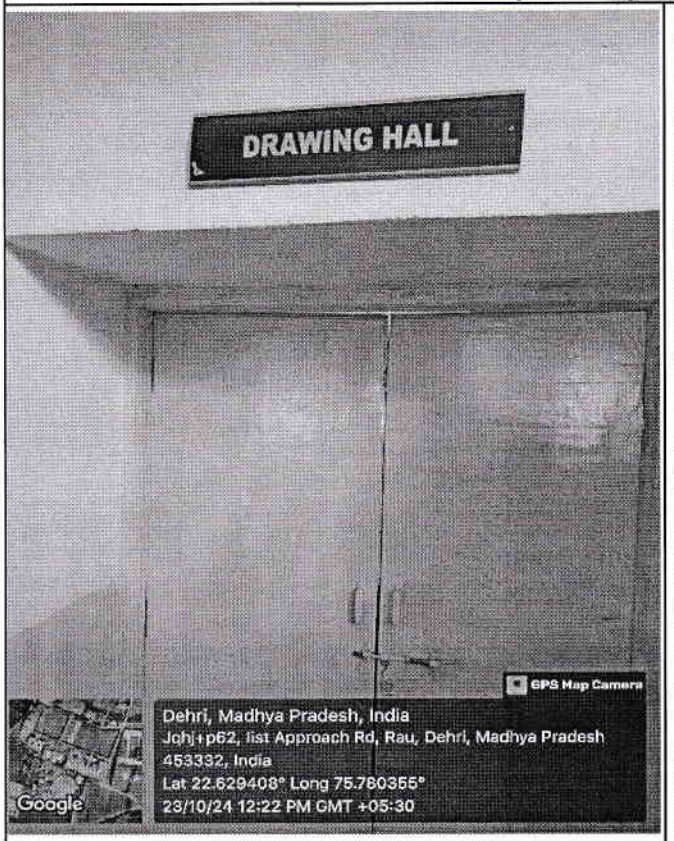
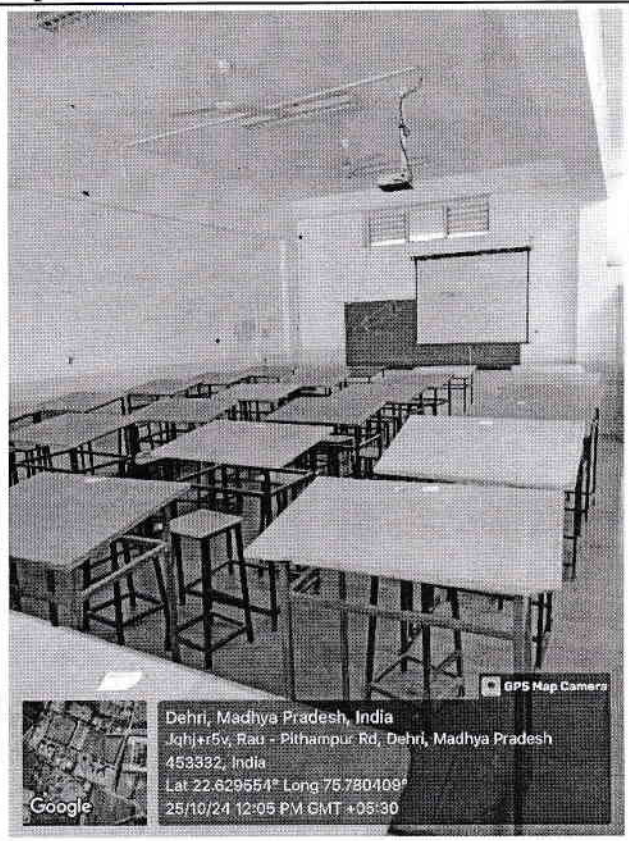
Engineering Graphics Lab

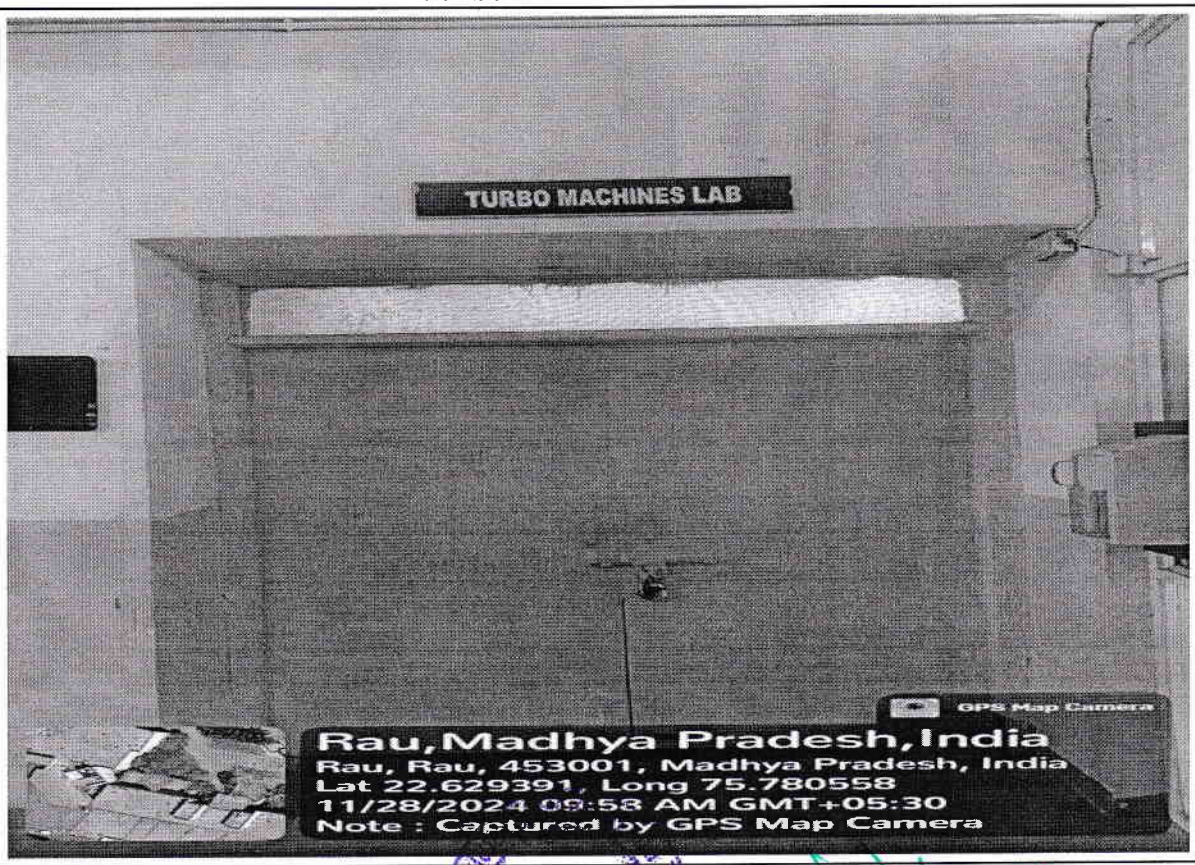


Outer View



Inner View

Turbo Machine Lab



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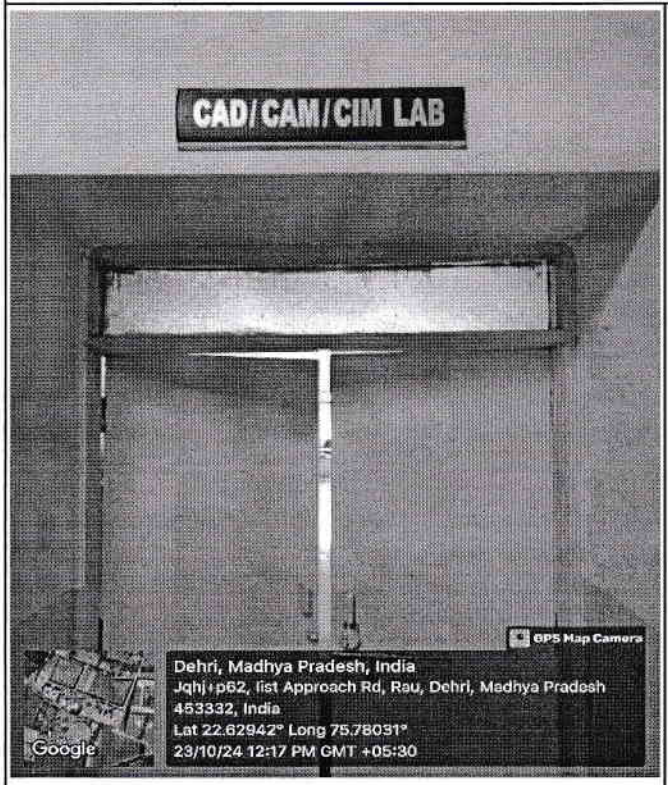
CAD/CAM/CIM Lab



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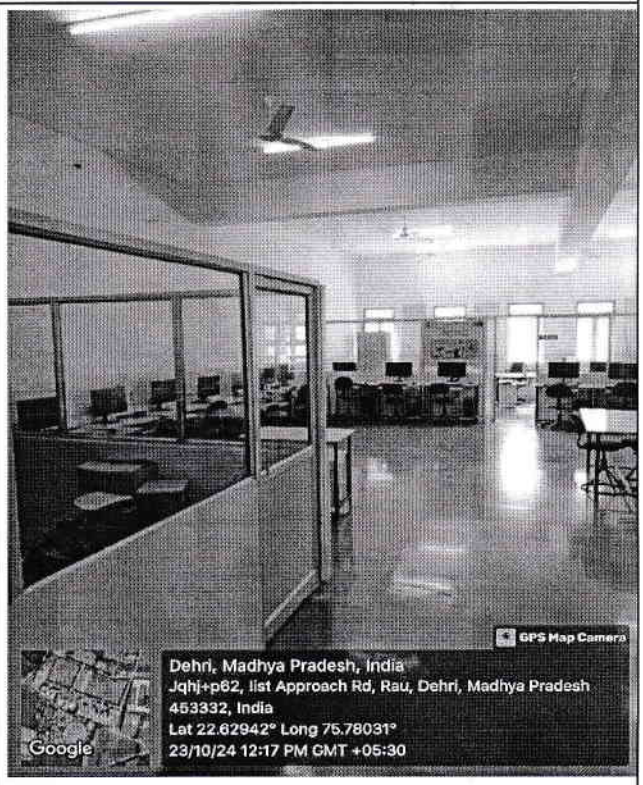
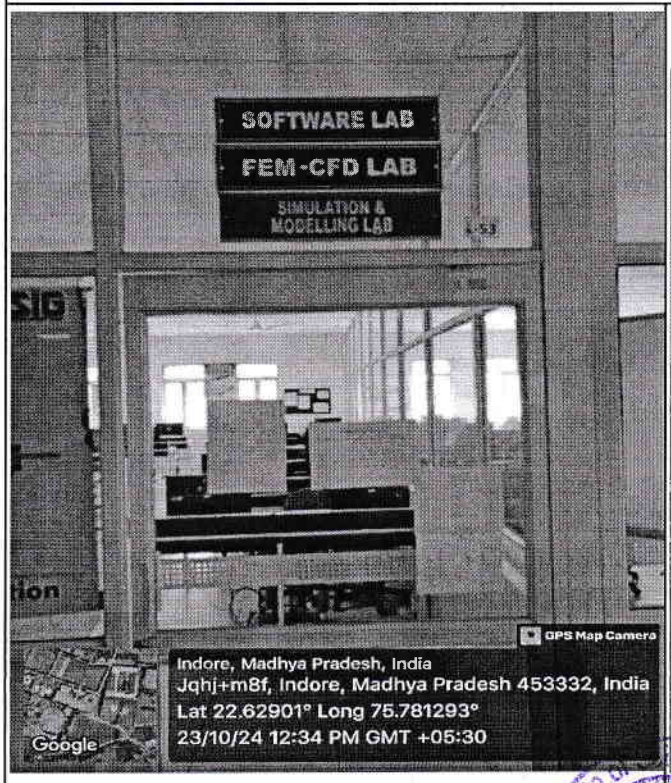


Inner View

Software Lab
FEM CFD Lab
Simulation & Modelling Lab



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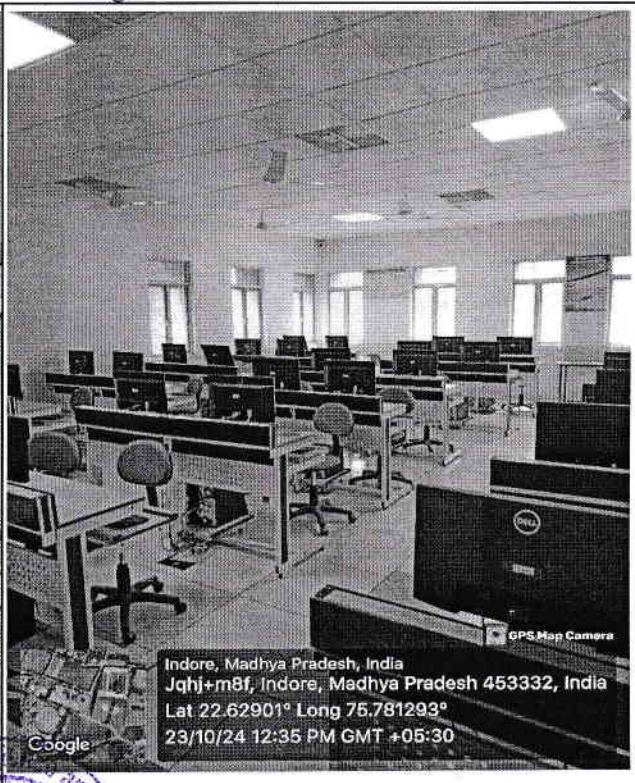

Inner View

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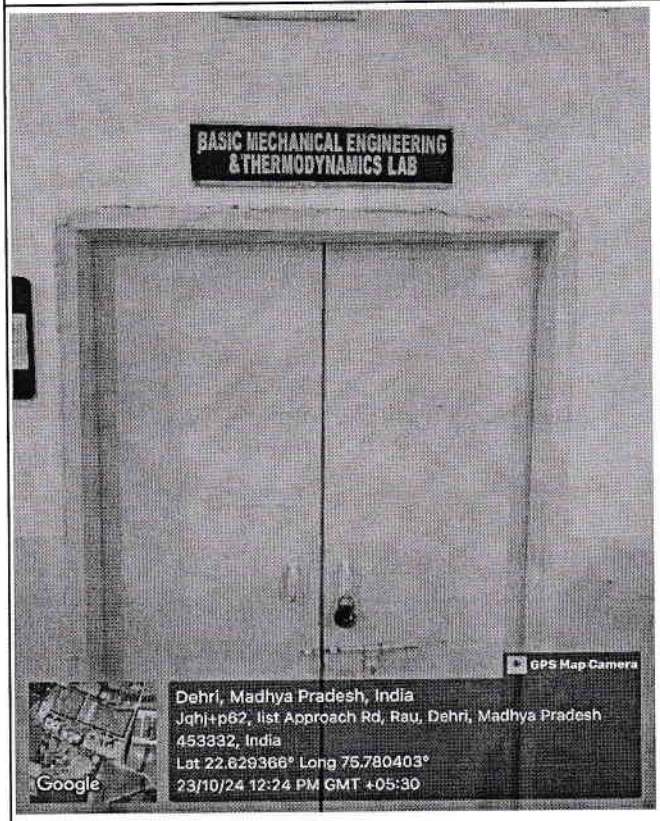
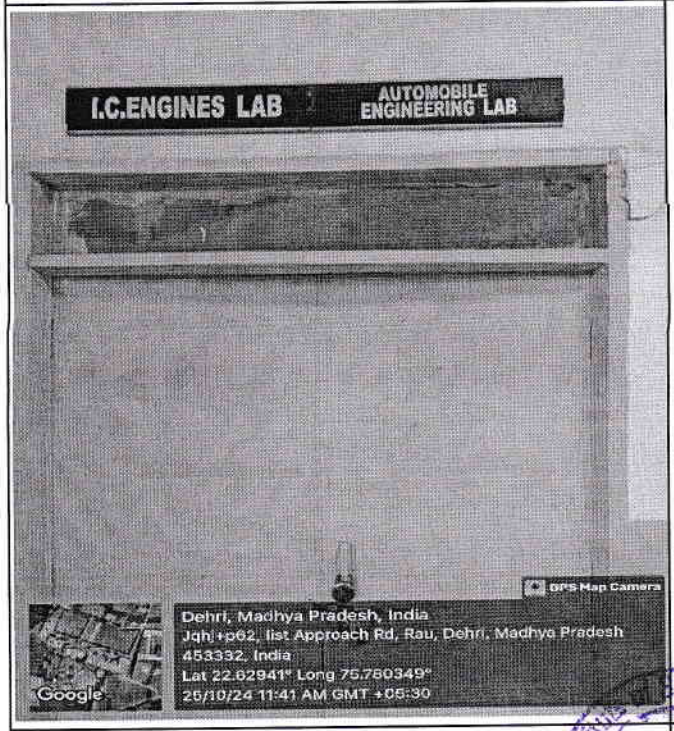
Basic Mechanical Engineering & Engineering Thermodynamics Lab



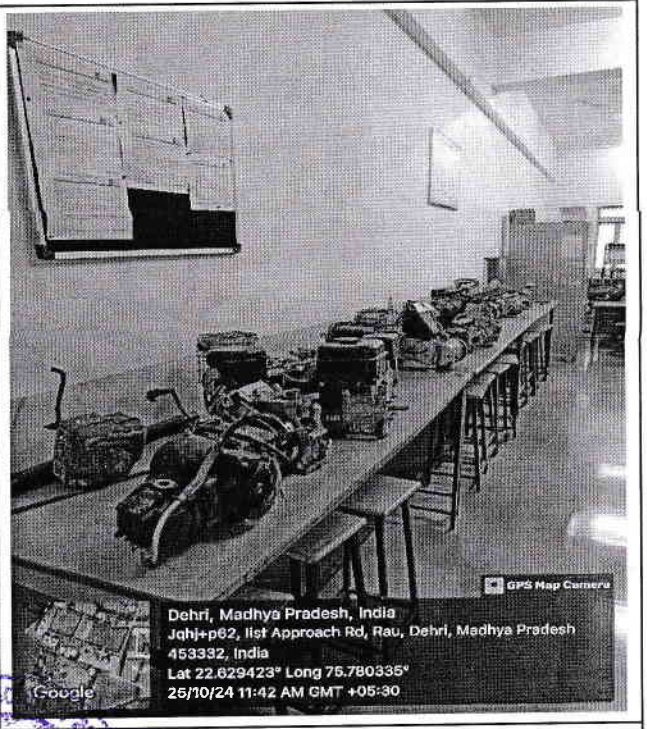
Outer View

Inner View

I.C. Engines Lab Automobile Engineering Lab



Outer View



Inner View

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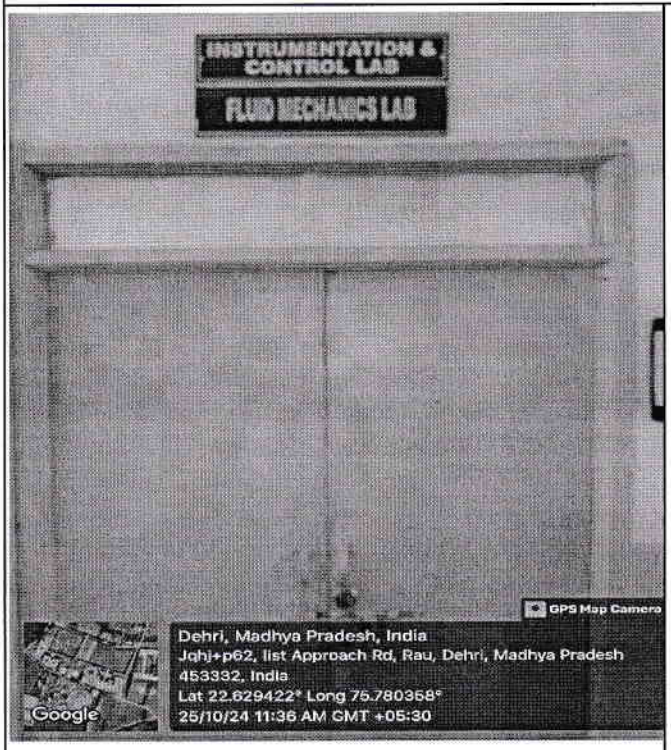
Fluid Mechanics Lab
Instrumentation & Control Lab



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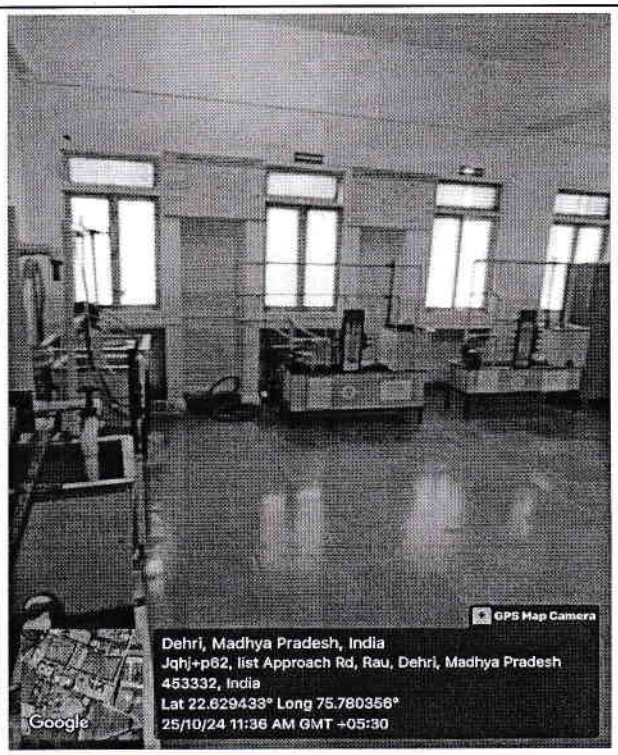
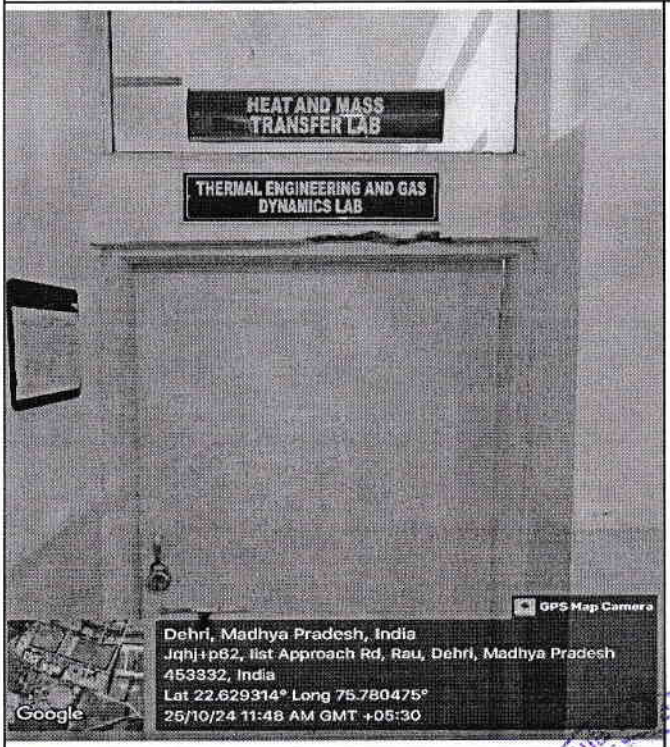


Inner View

Heat and Mass Transfer Lab
Thermal Engineering & Gas Dynamics Lab



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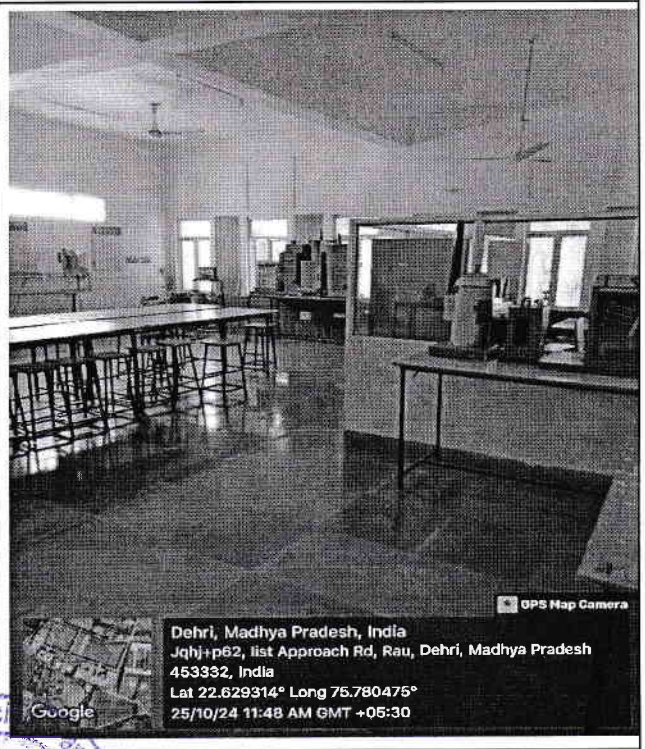

Inner View

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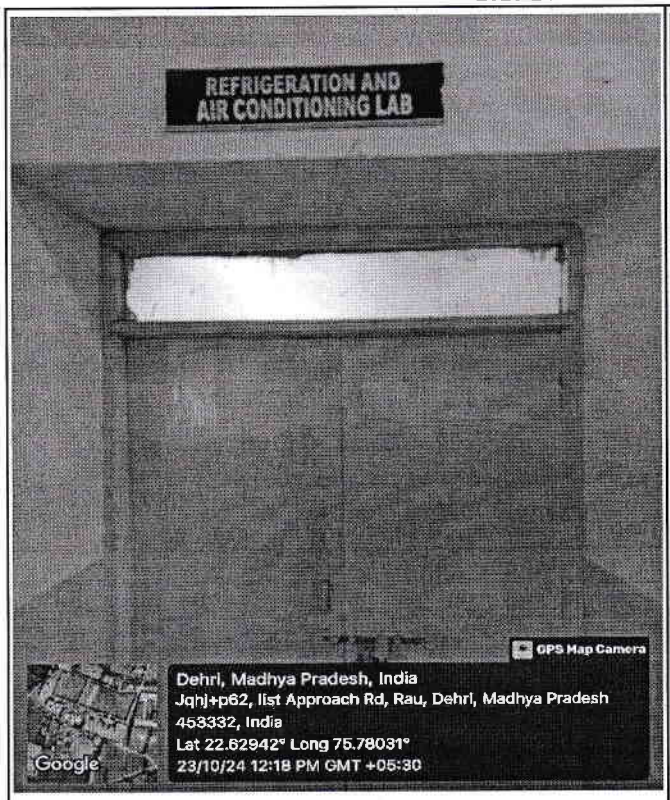
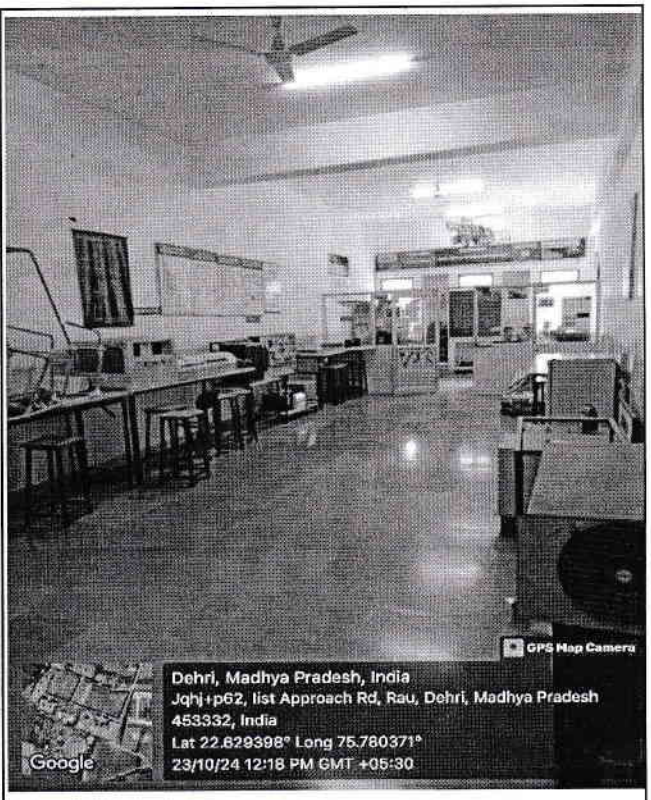
Indore Institute of Science

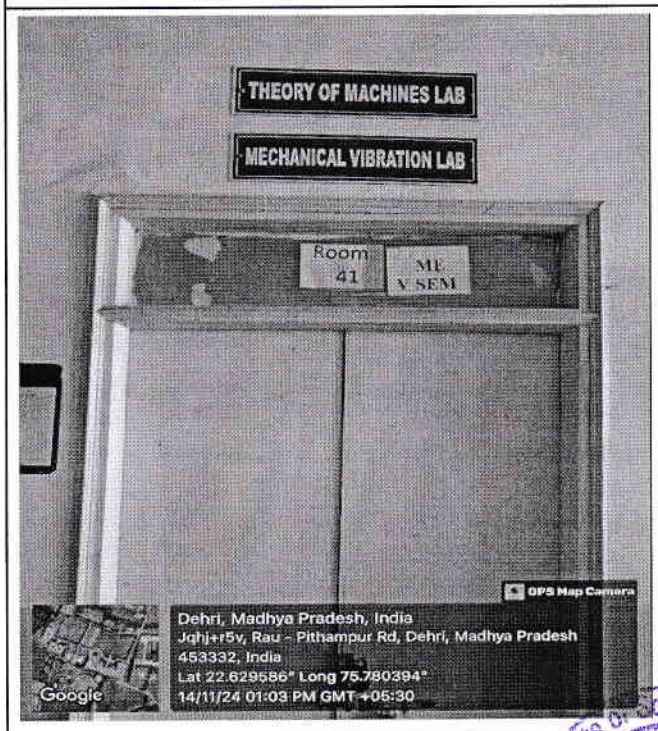


Outer View

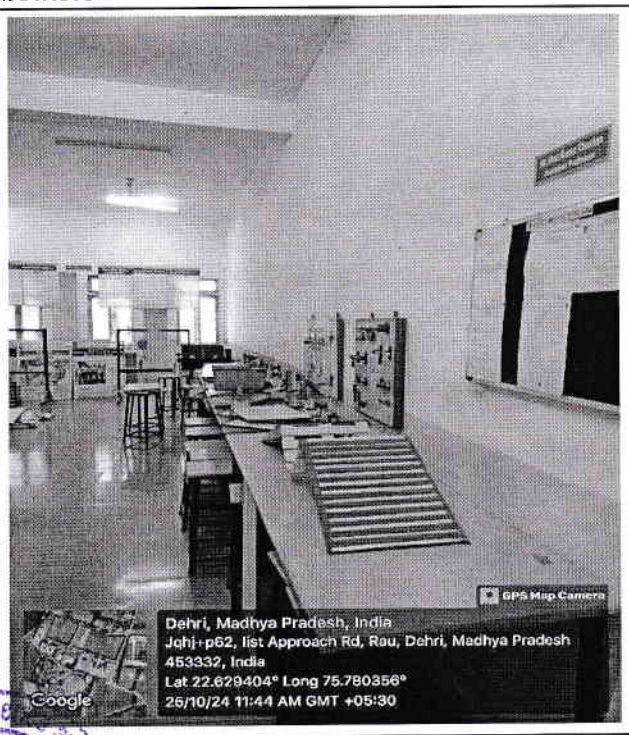


Inner View

Theory of Machines Lab
Mechanical Vibration Lab



Outer View



Inner View

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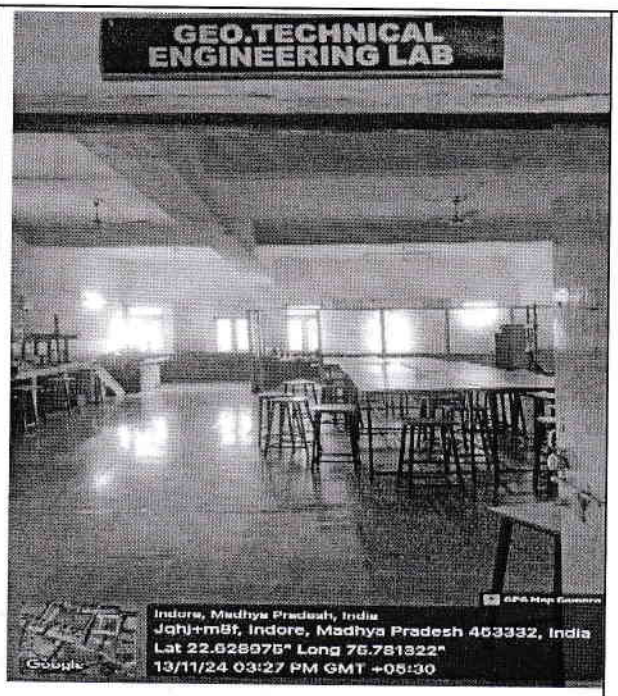
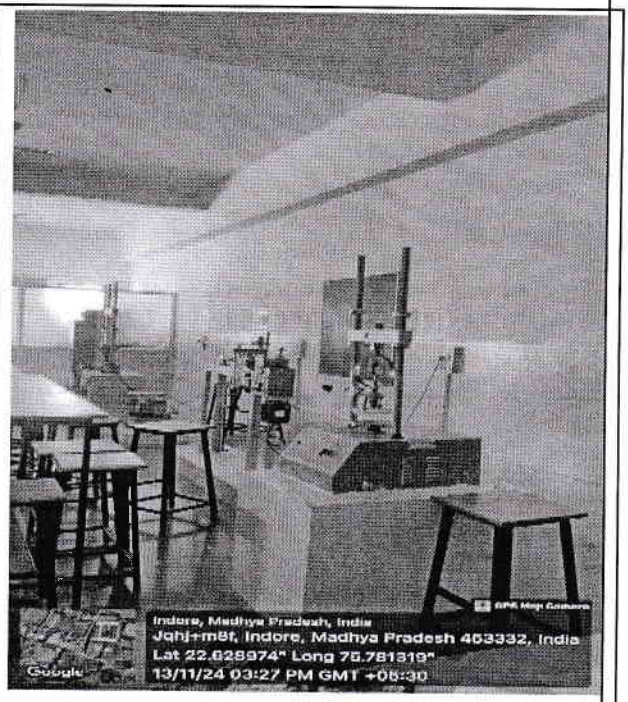
Geo Technical Engineering Lab

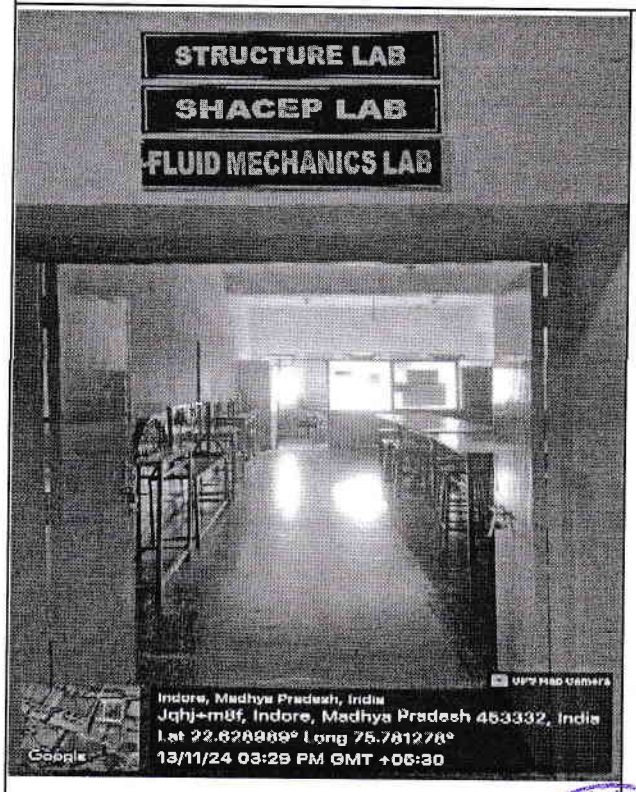


Outer View

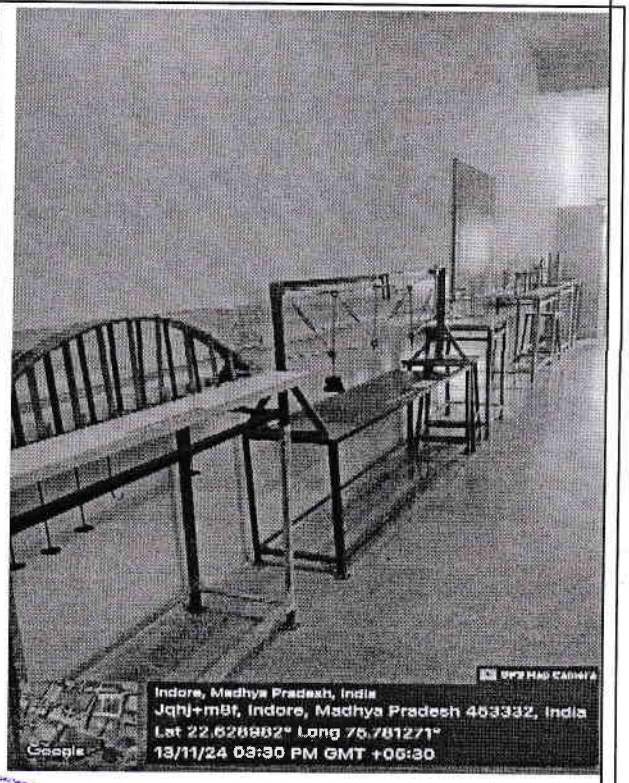


Inner View

Theory of Structure Lab



Outer View



Inner View

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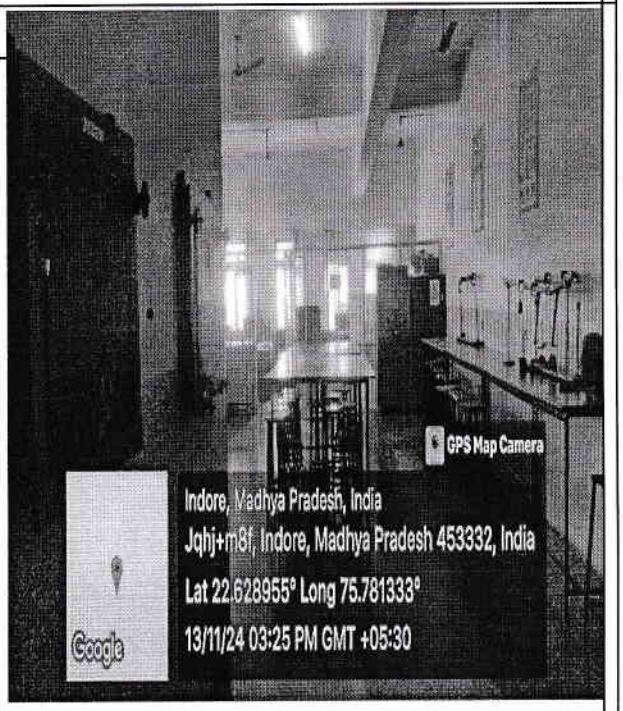
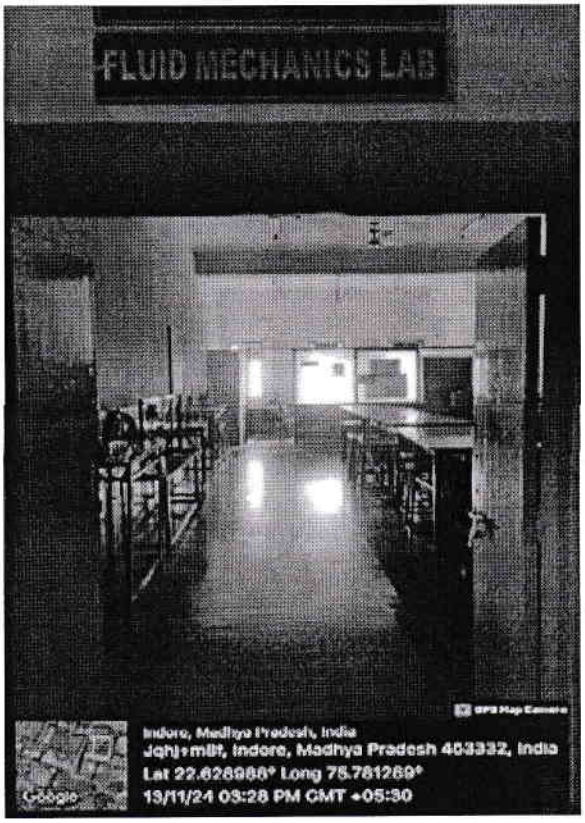
Basics Civil Engineering Lab

Outer View



Inner View



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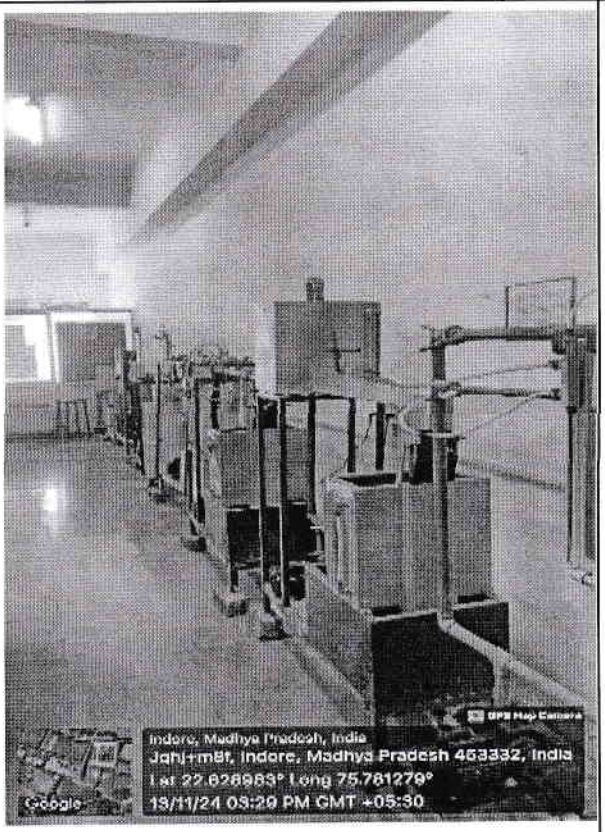

Inner View

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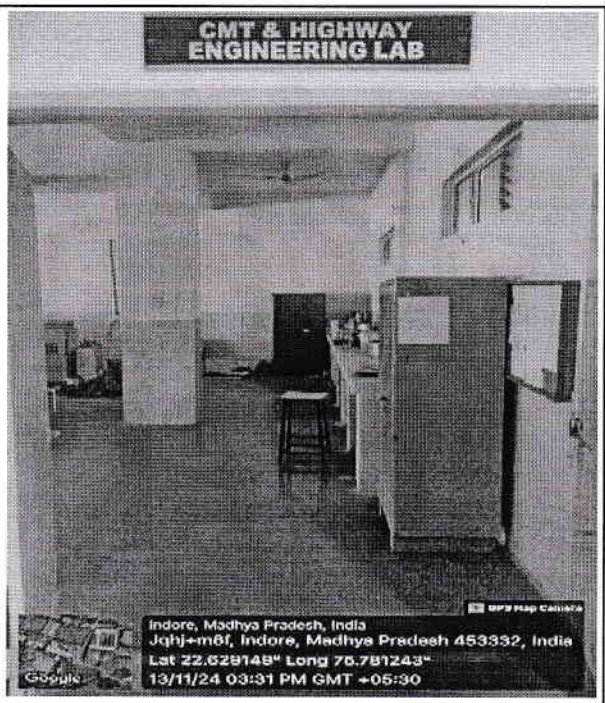
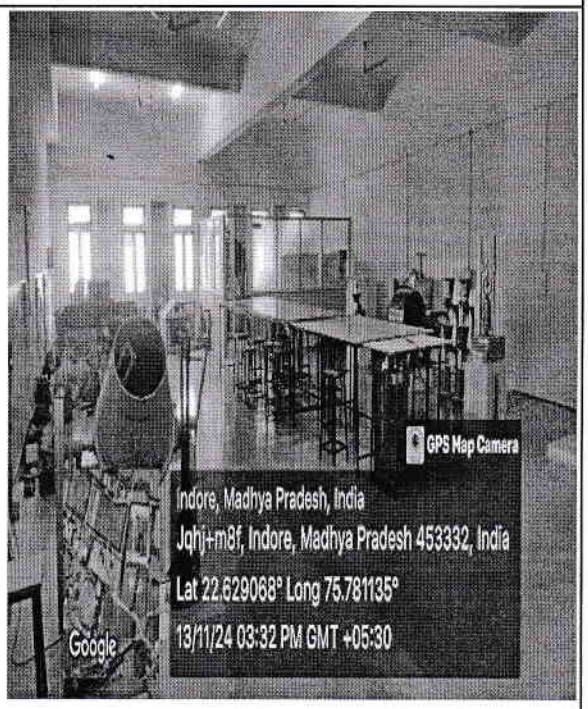
CMT and Highway Engineering Lab



Outer View



Inner View

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For IIST/ IIP/ IIPM

Chief Administrative Officer

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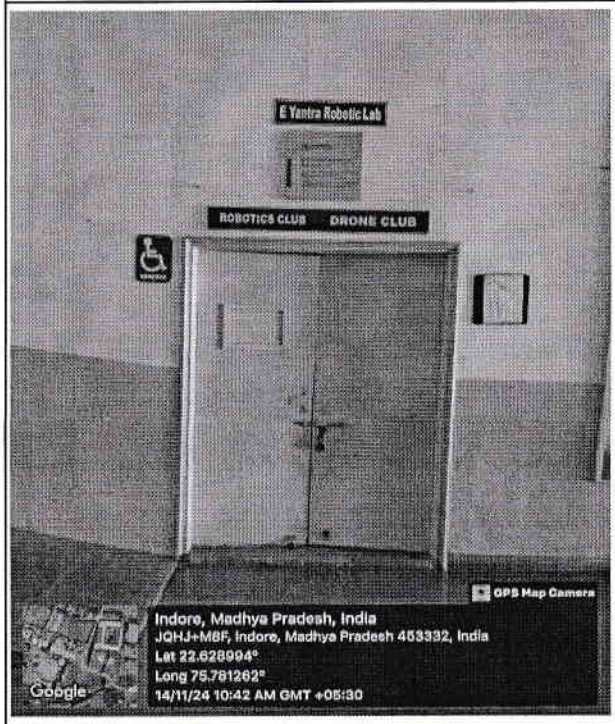
Indore Institute of Science and Technology, Indore

Geotagged Photo of Electronics and Communication Department Laboratories

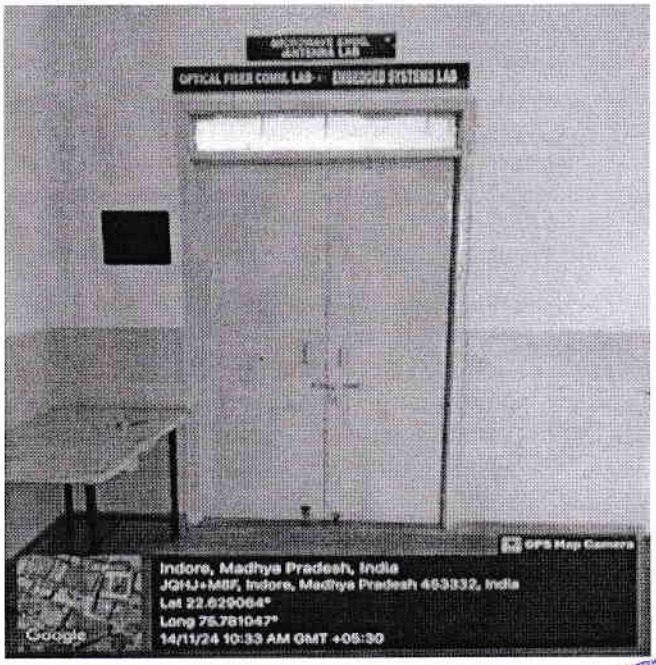
e- Yantra Robotics Lab



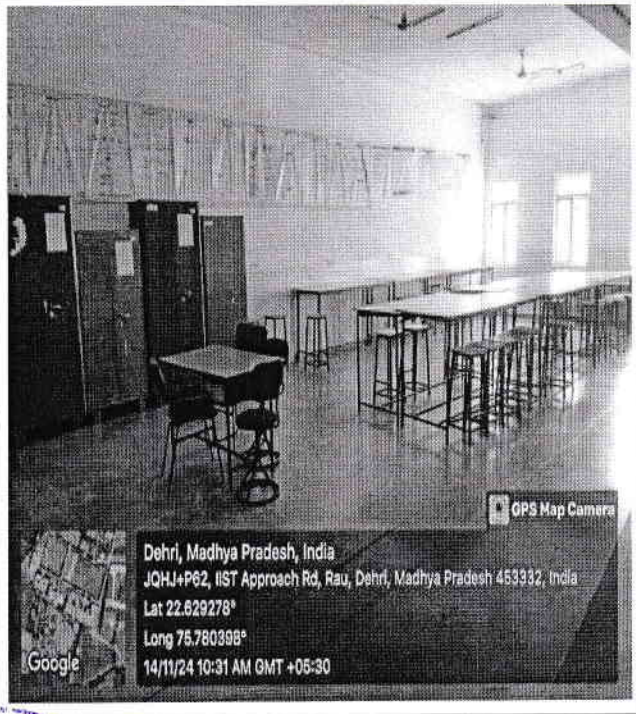
Outer View

Inner View

Optical Communication Lab



Outer View



Inner View

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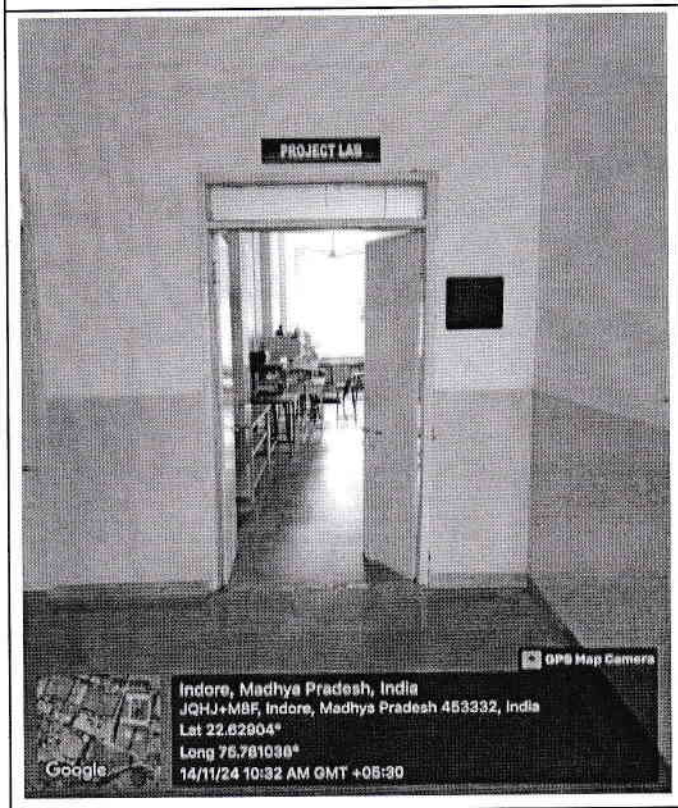
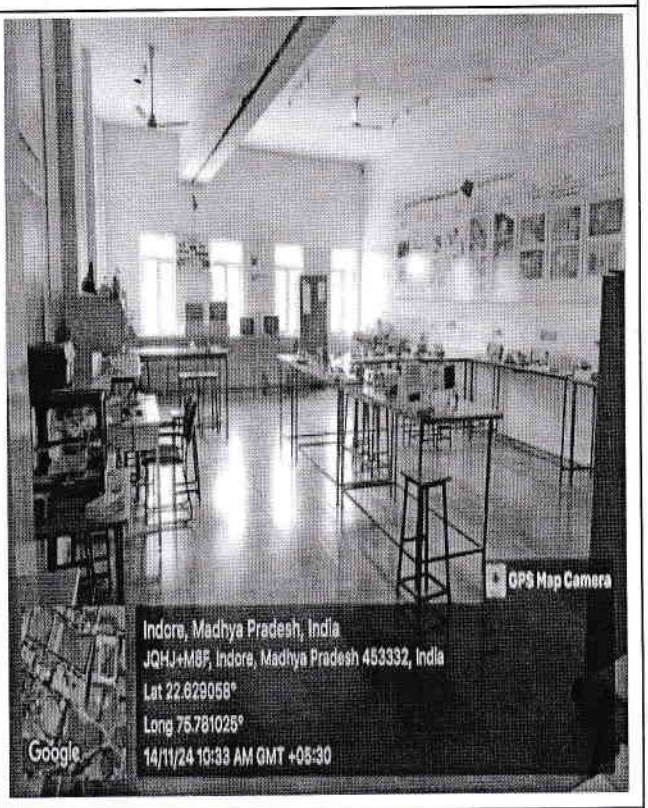
Principal

Project -1 Lab

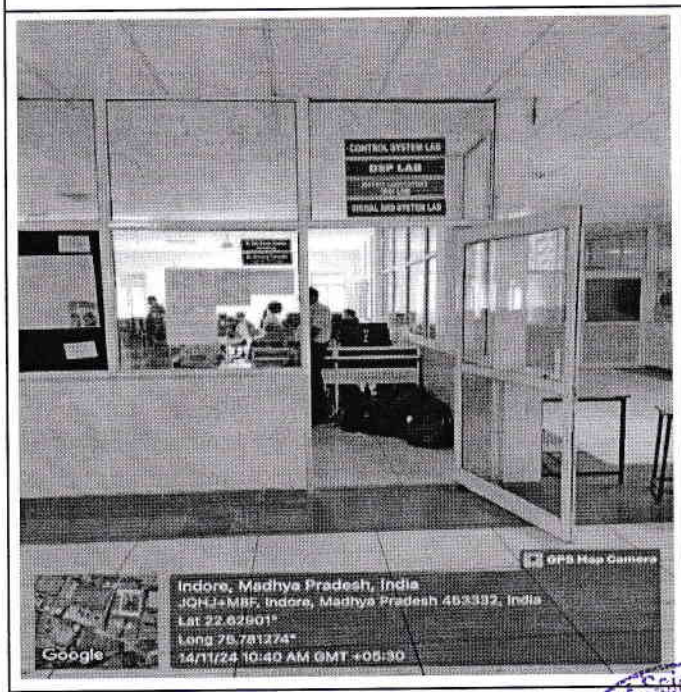


Outer View

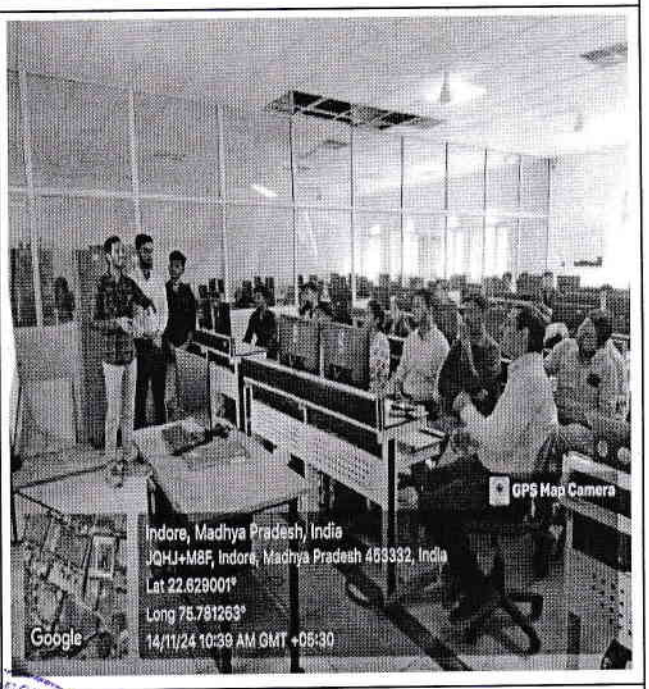


Inner View

MATLAB Lab



Outer View



Inner View

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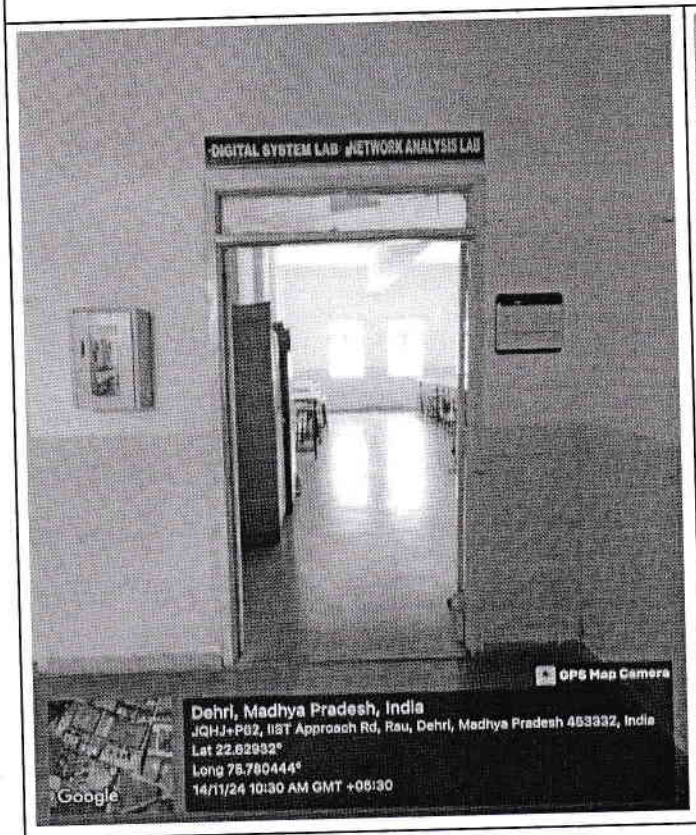
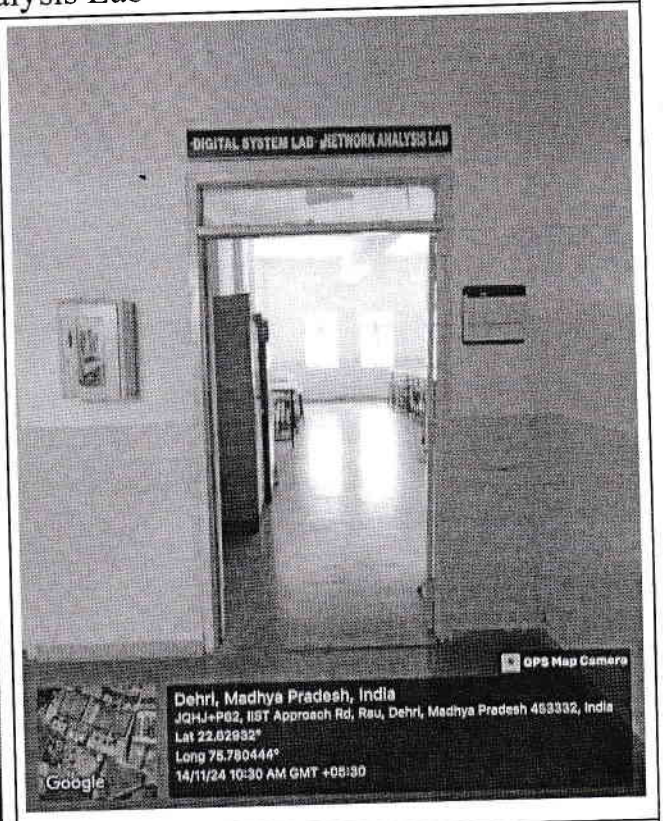
Network Analysis Lab

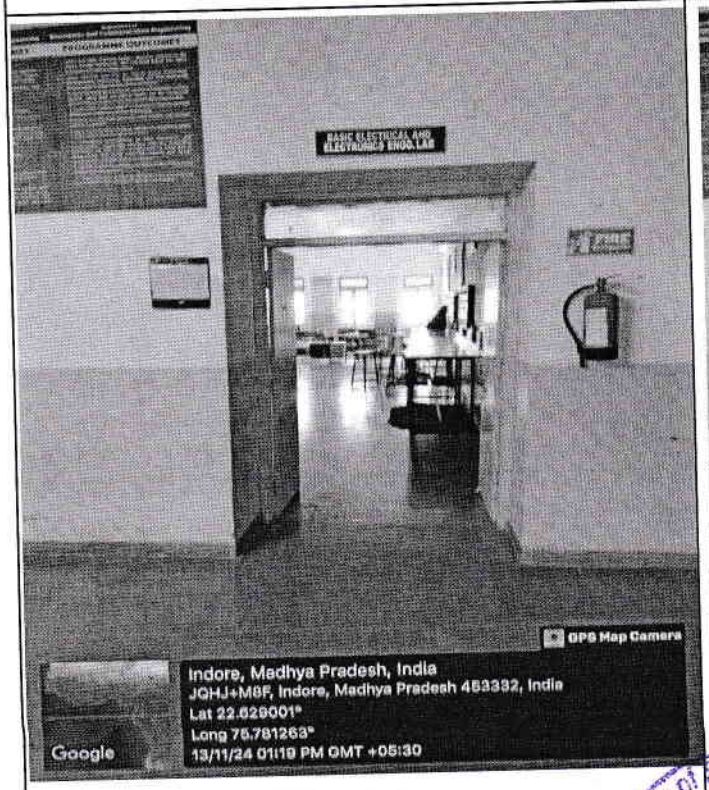


Outer View

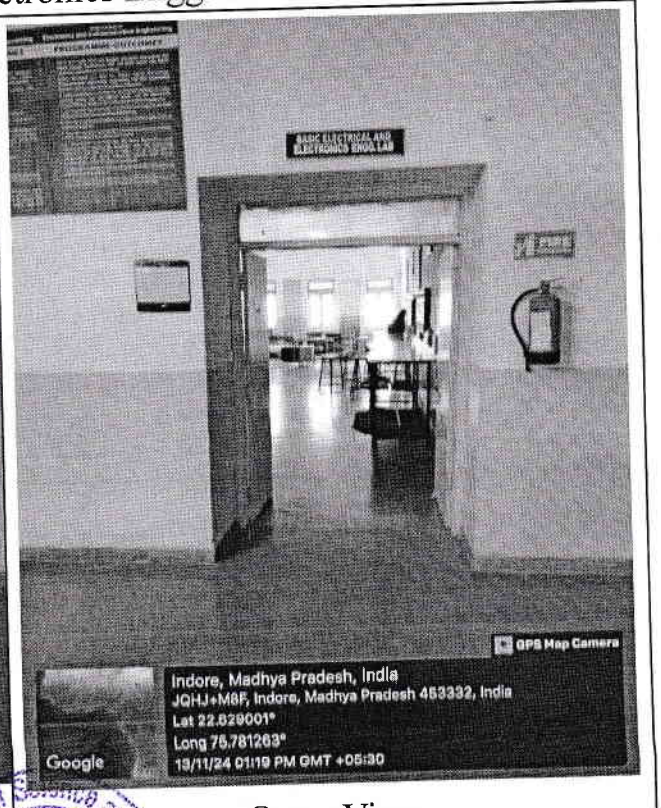


Outer View

Basic Electrical & Electronics Engg. Lab



Outer View



Outer View

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Chief Administrative Officer

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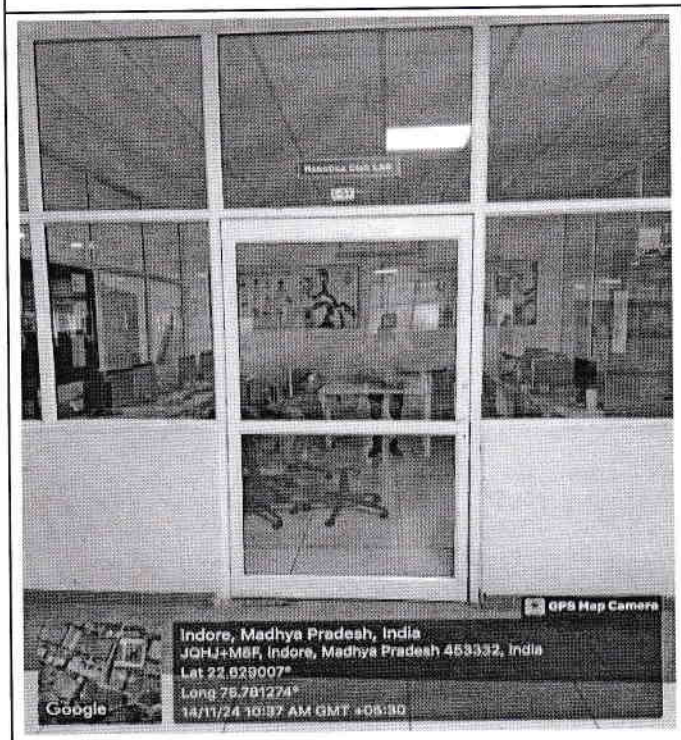
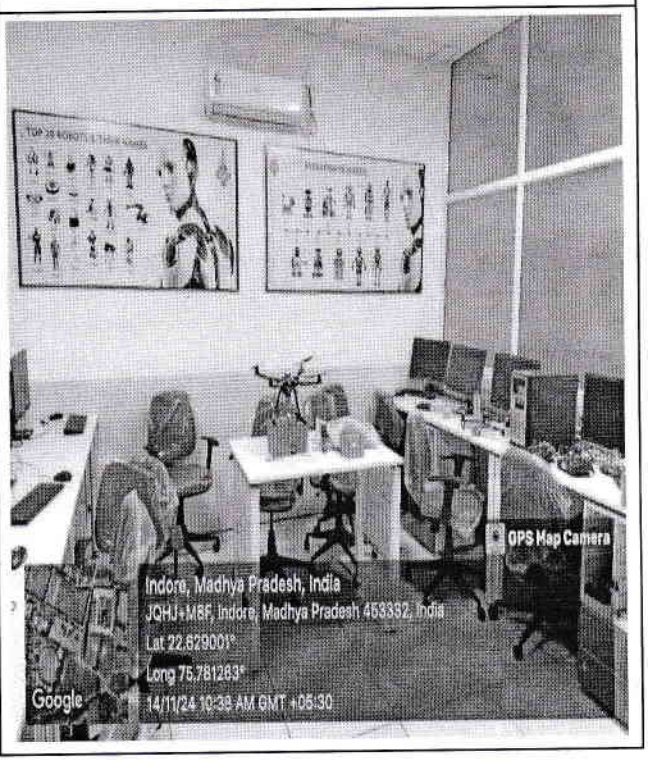
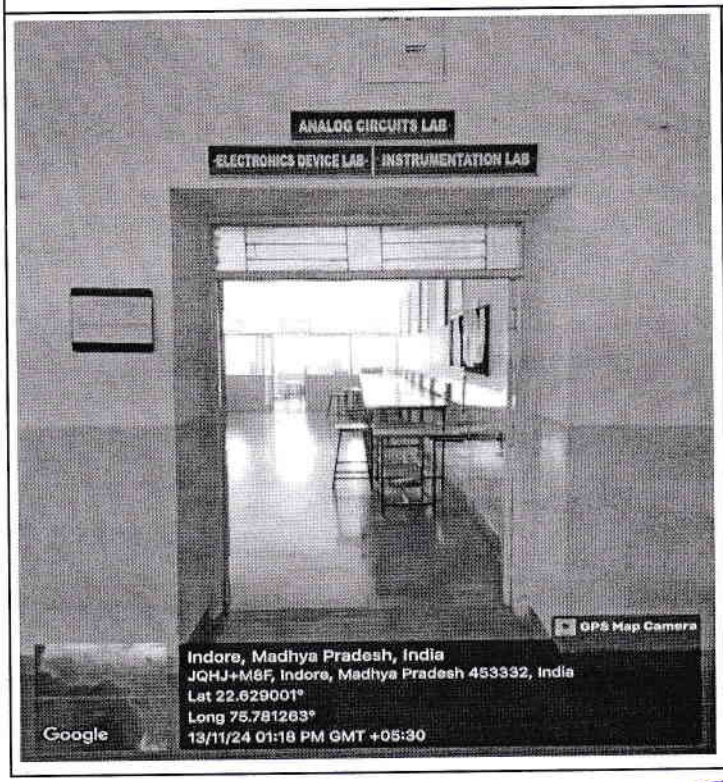
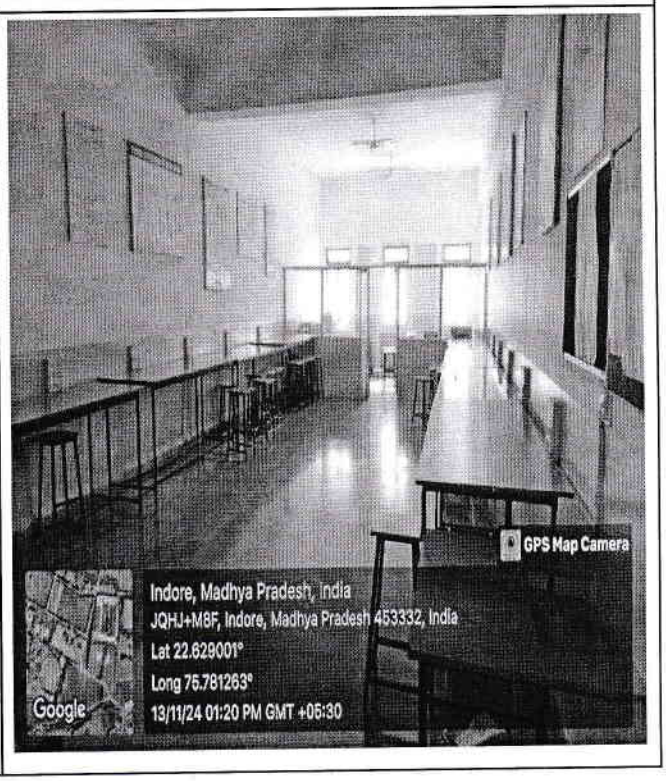
Robotics club lab	Software Lab
	

Electronic Device & Circuit Lab	
	

Outer View	Inner View

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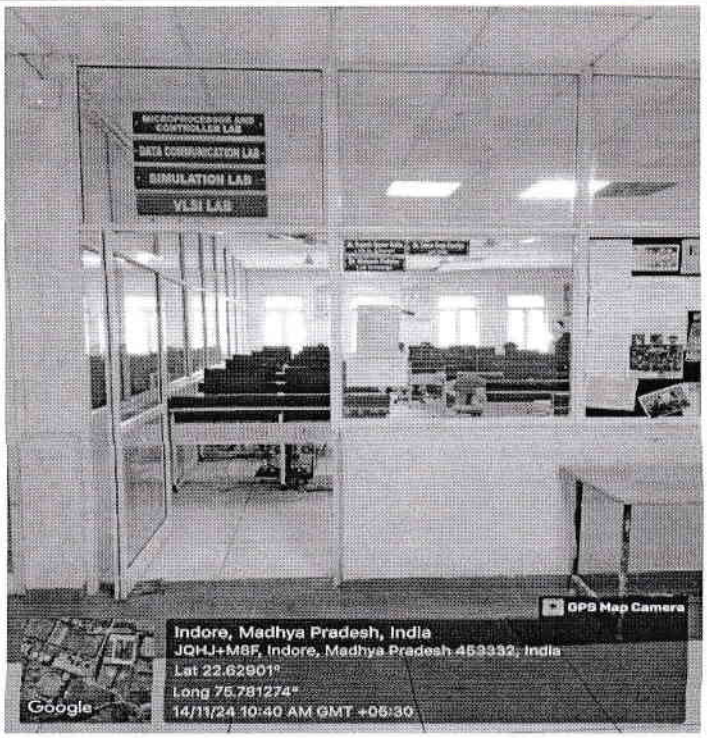
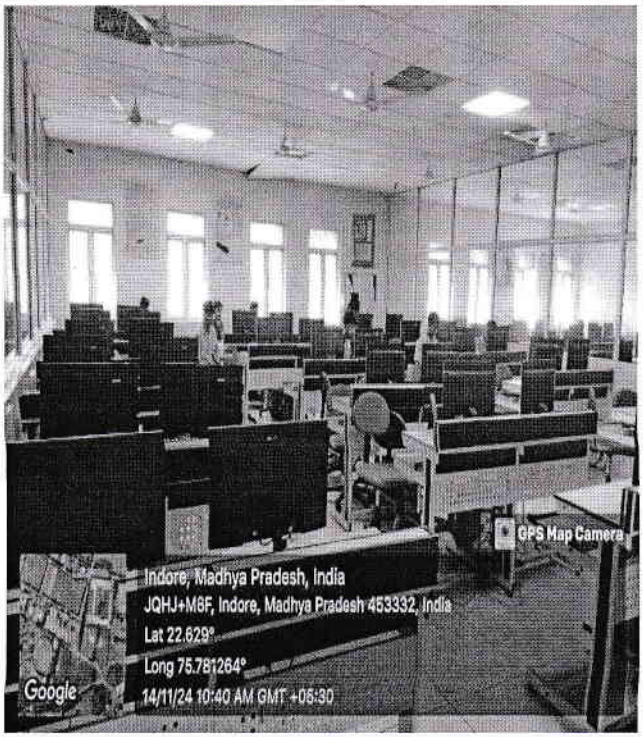
VLSI Lab	
	
Outer View	Inner View

For IIST/ IIP/ IIMR

Chief Administrative Officer

Indore Institute of Science and Technology IQAC INDORE

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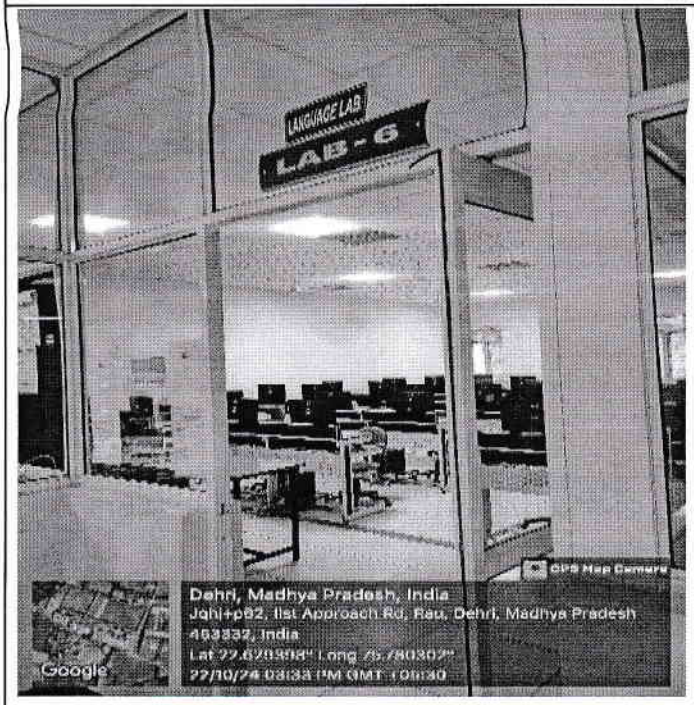
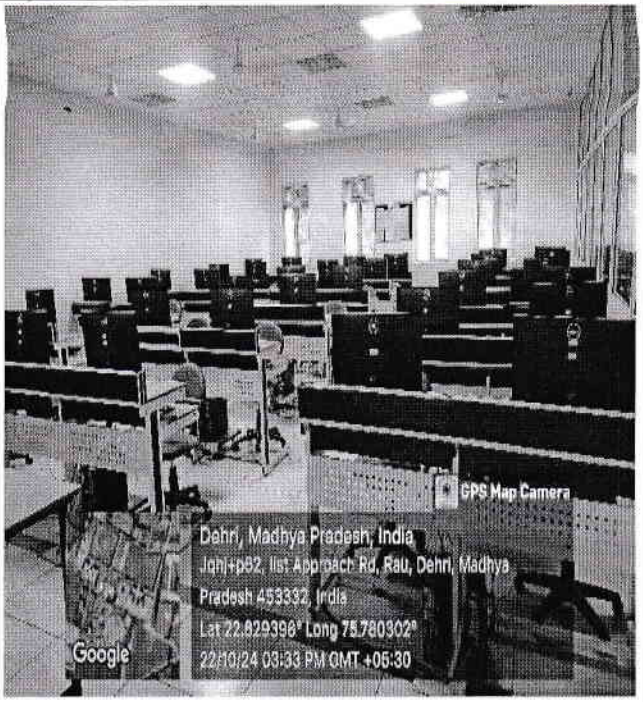
Geotagged Photo of ESH Department Laboratories

LANGUAGE LAB

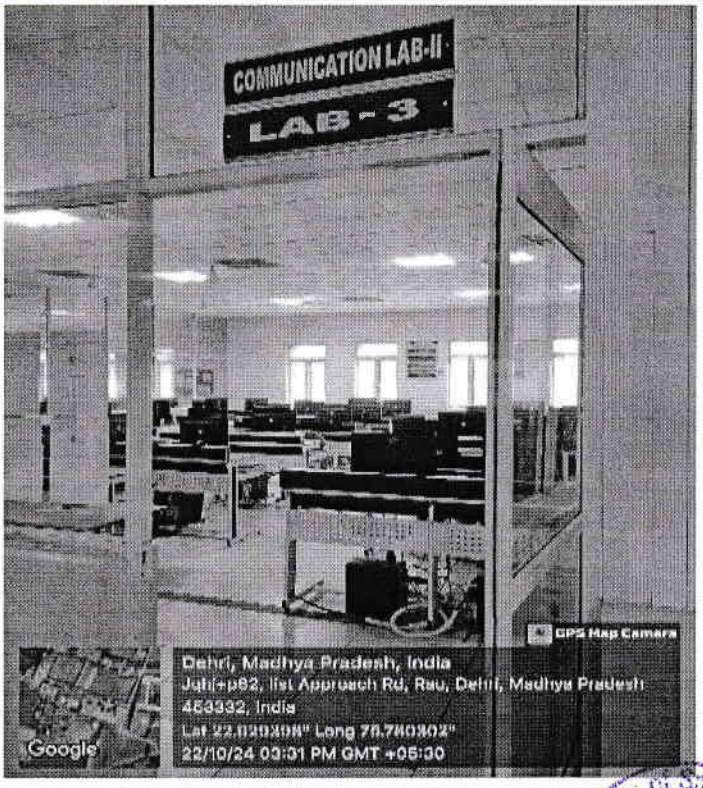


Outer View

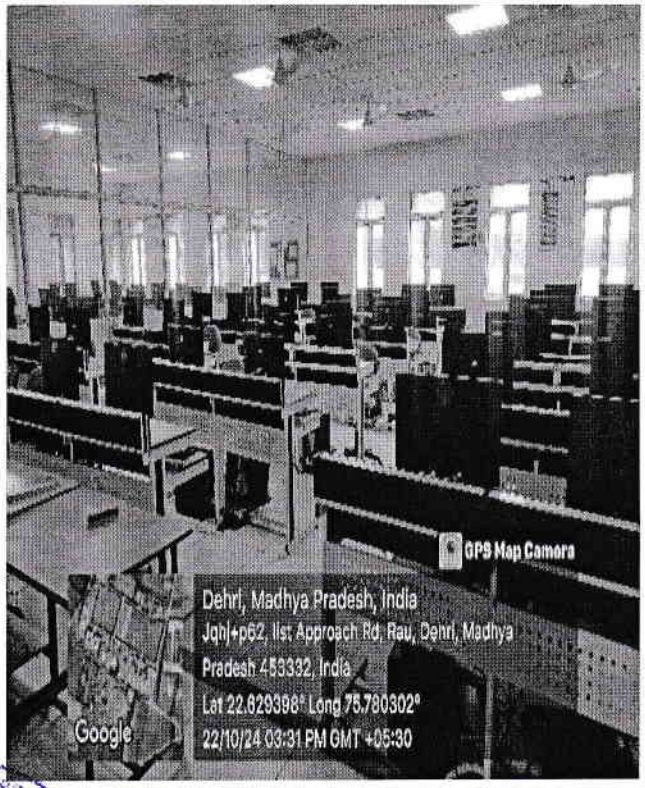


Inner View

COMMUNICATION LAB II



Outer View



Inner View

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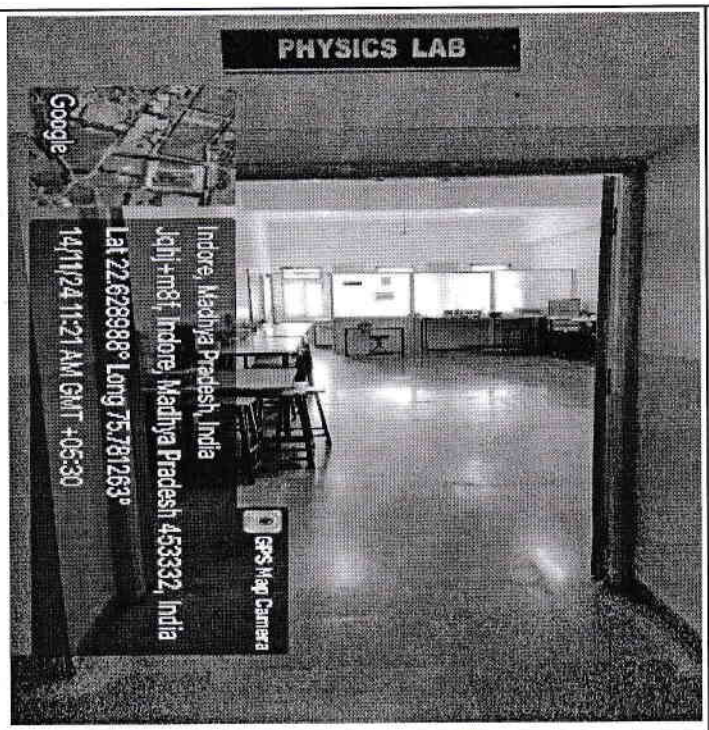
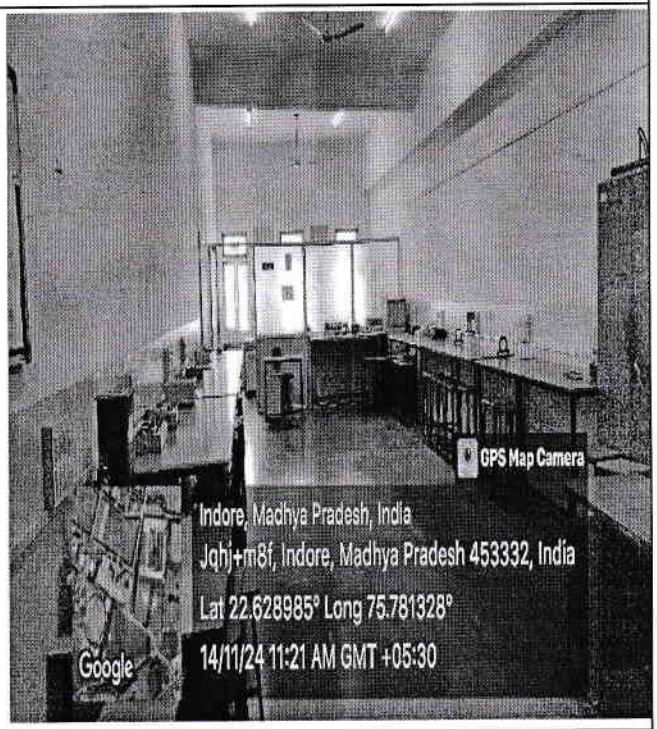
Indore Institute of Science and Technology, Indore

PHYSICS LAB

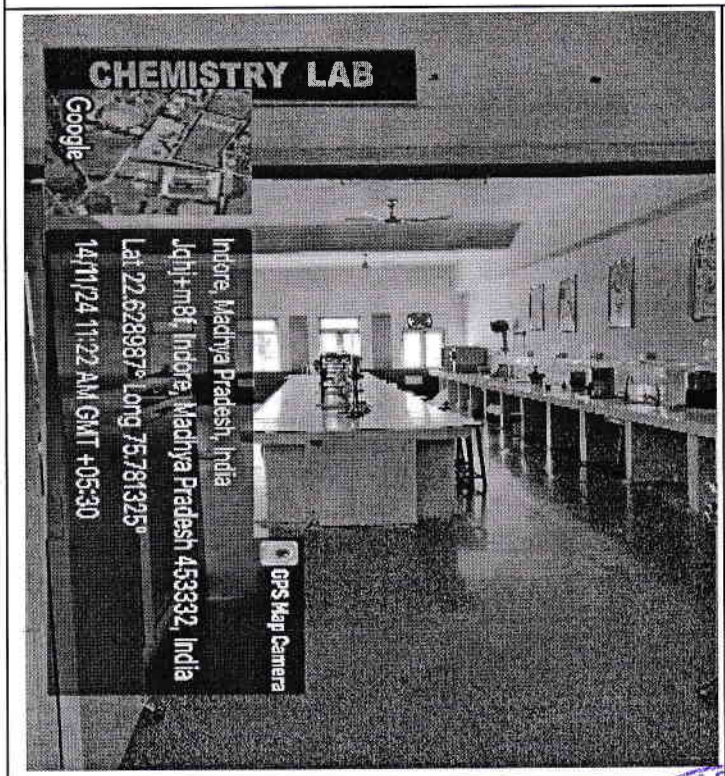


Outer View

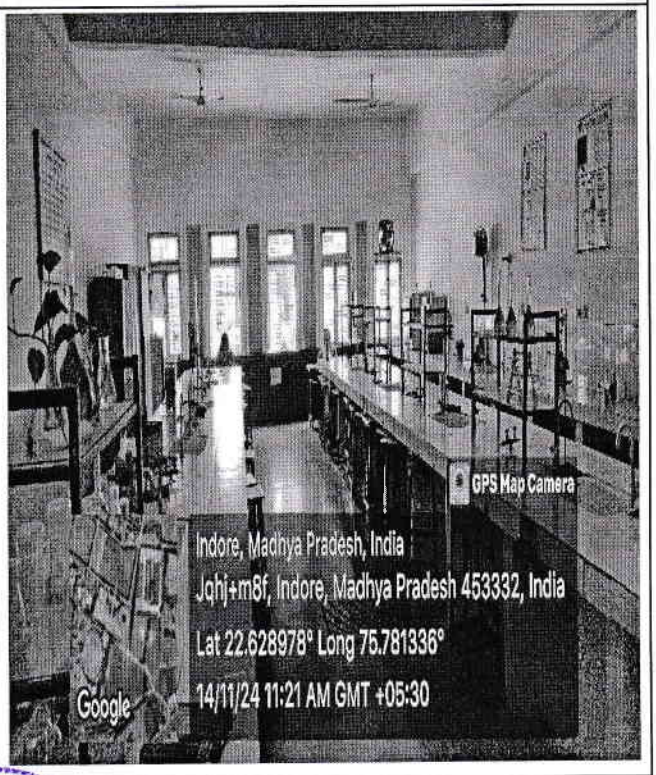


Inner View

CHEMISTRY LAB



Outer View



Inner View

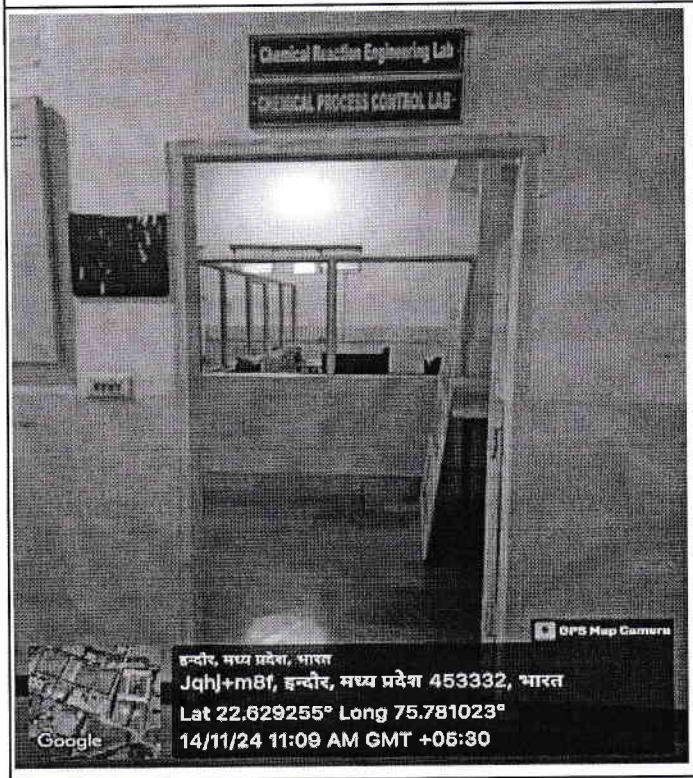
For IIST/ IIP/ IIMR
Chief Administrative Officer

IQAC

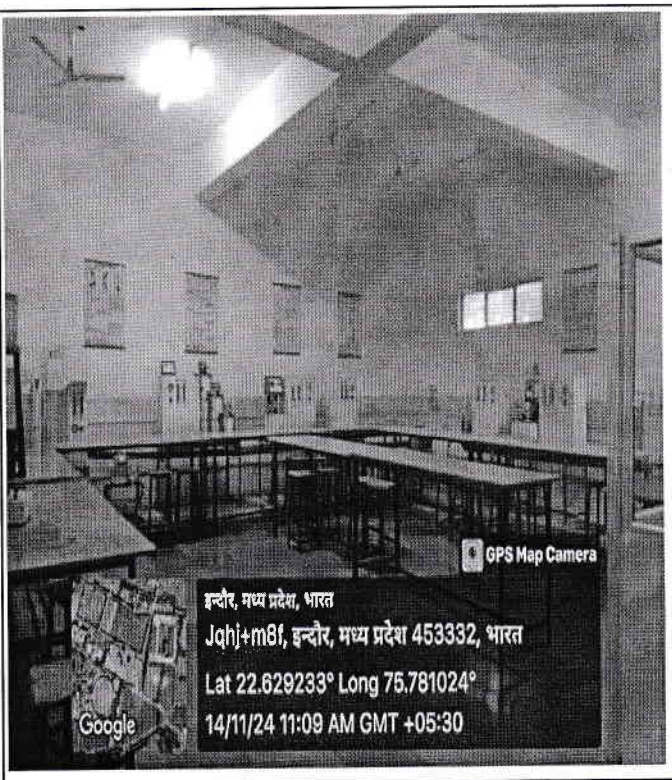
Principal
Indore Institute of Science and Technology, Indore

Geotagged Photo of Chemical Engineering Department Laboratories

CRE LAB

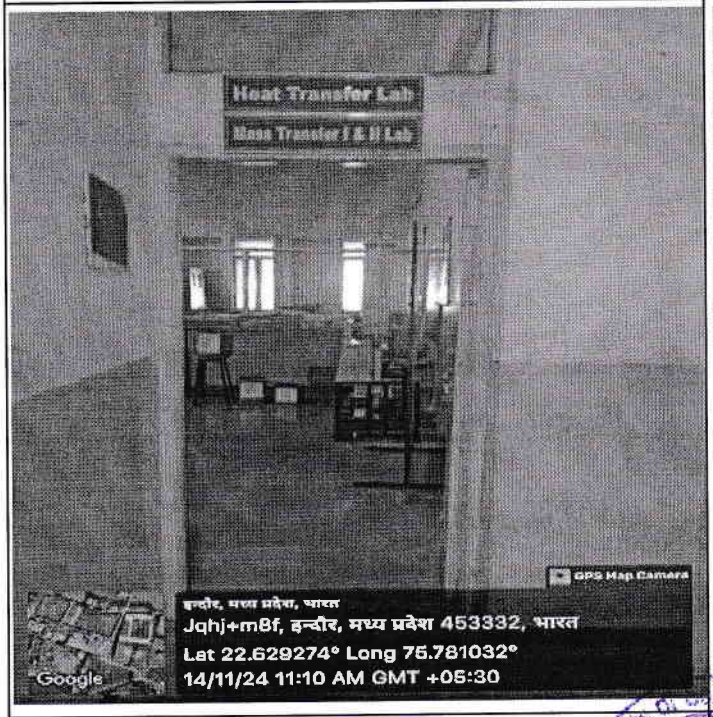


Outer View

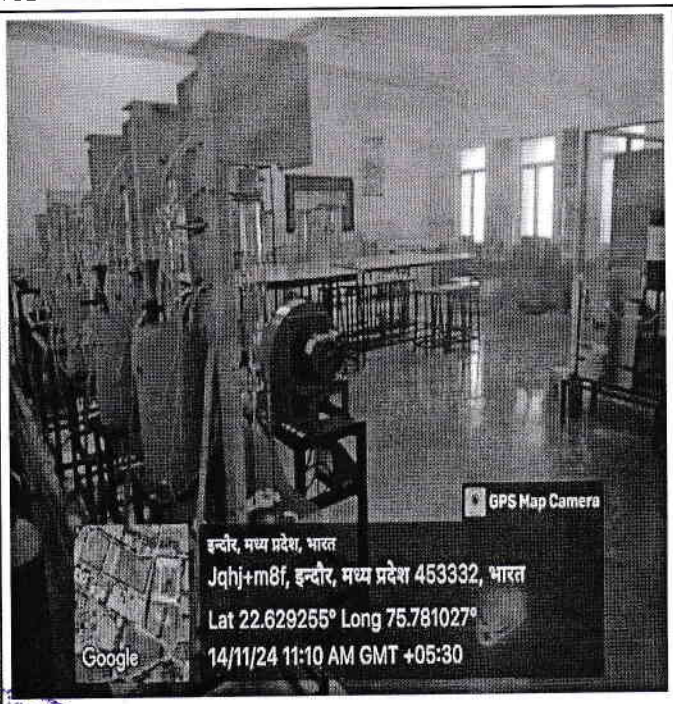


Inner View

MASS TRANSFER LAB



Outer View



Inner View

For IIST/ IIP/ IIMR
Officer

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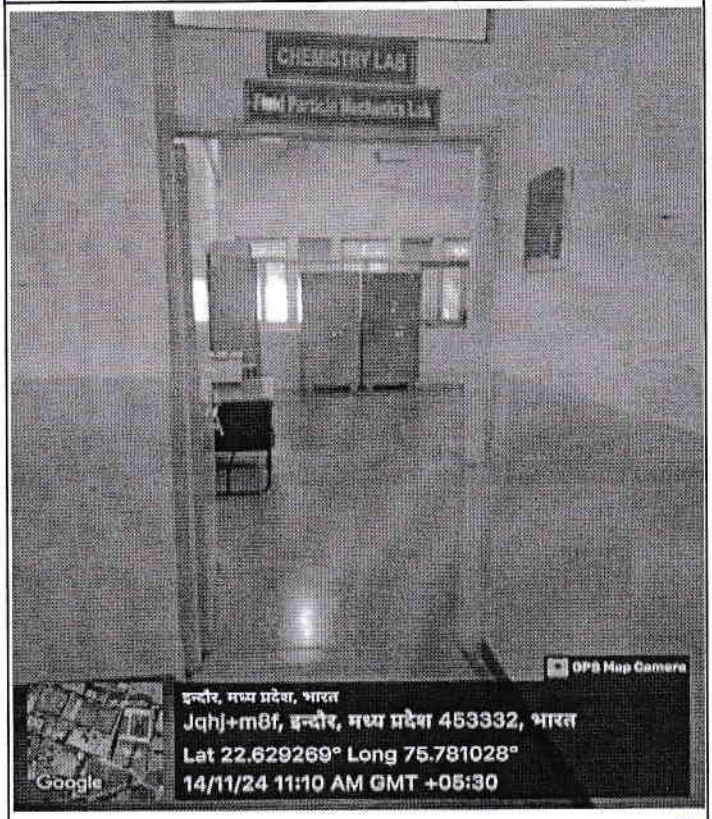
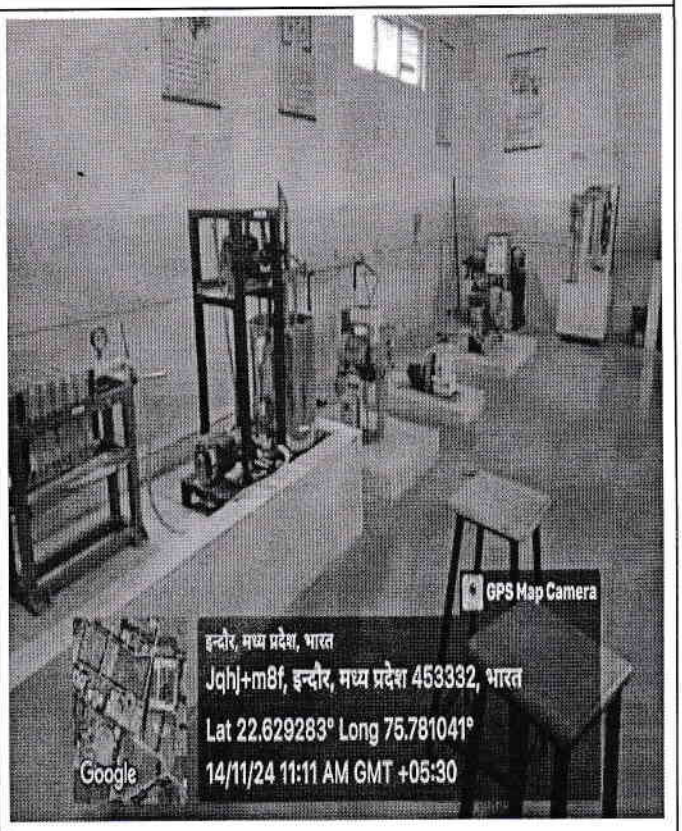
FLUID PARTICLES MECHANICS LAB



Outer View



Inner View

For IIST/ IIP/ IIMR

Chief Administrative Officer

Indore Institute of Science and Technology IQAC INDORE

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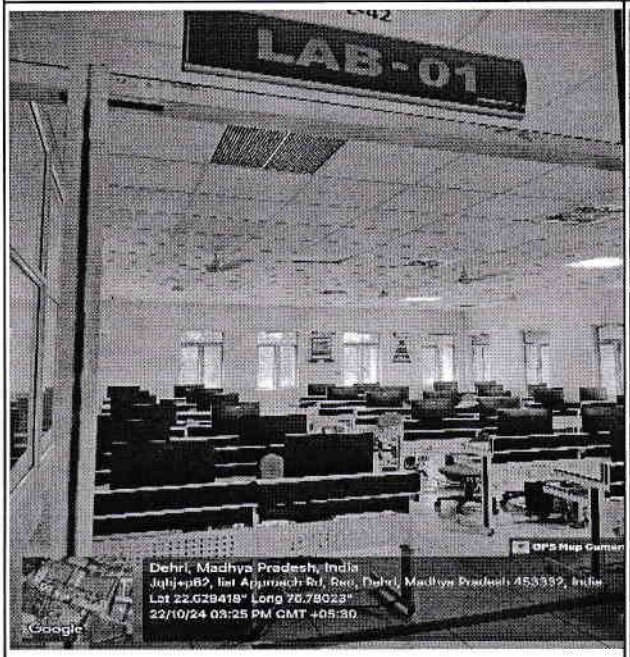
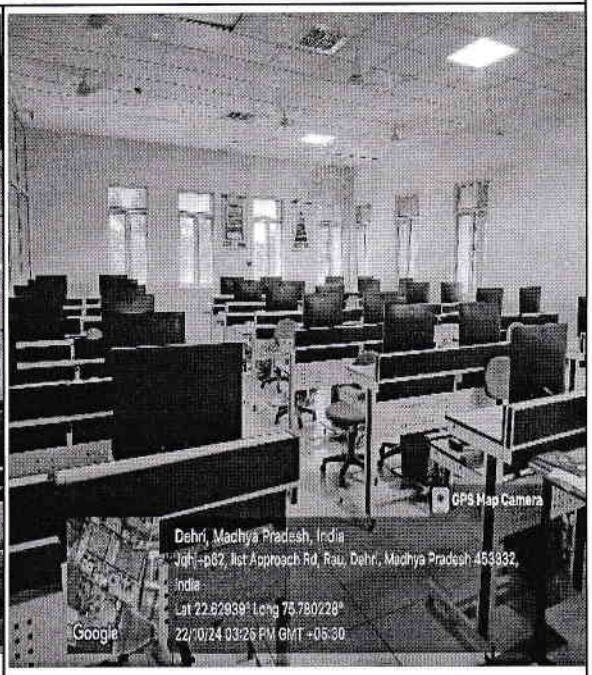
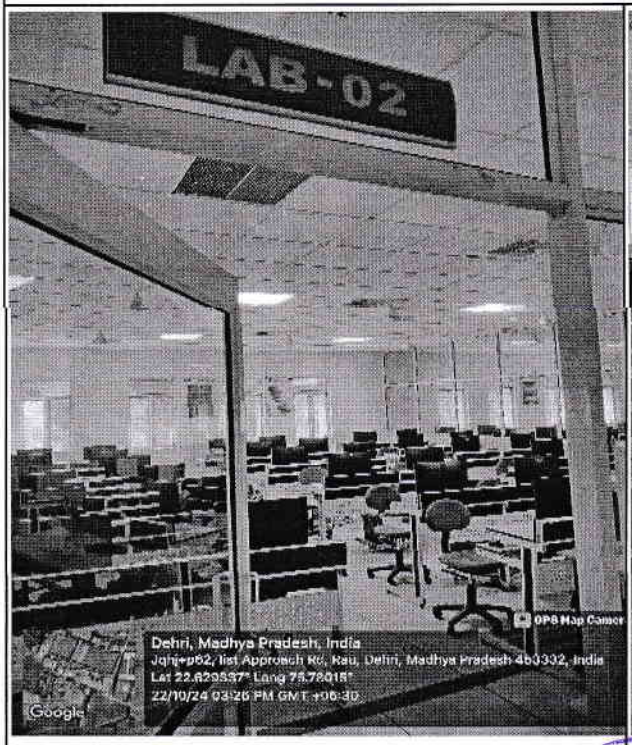
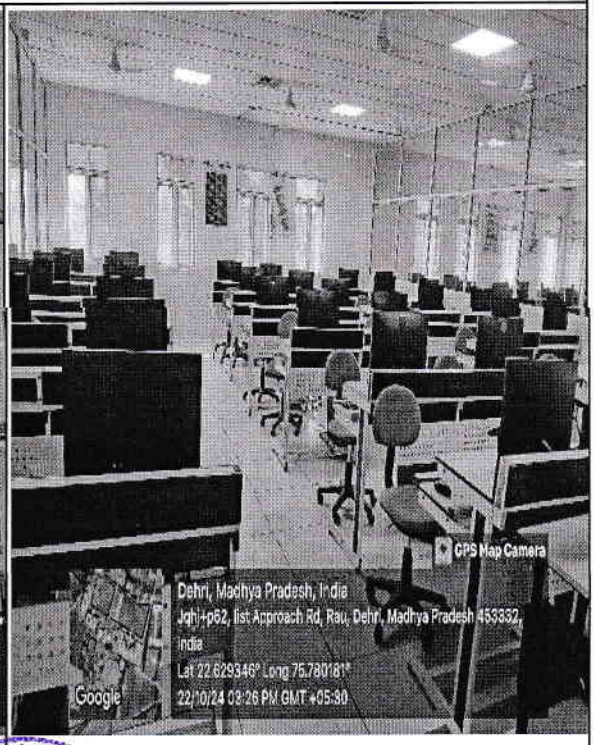
Indore Institute of Science and Technology, Indore

Geotagged Photo of CS / IT / AIML Department Laboratories

Computer Lab 01	
	
Outer View	Inner View

Computer Lab 02	
	
Outer View	Inner View

For IIST/ IIP/ IIMR

Chief Administrative Officer

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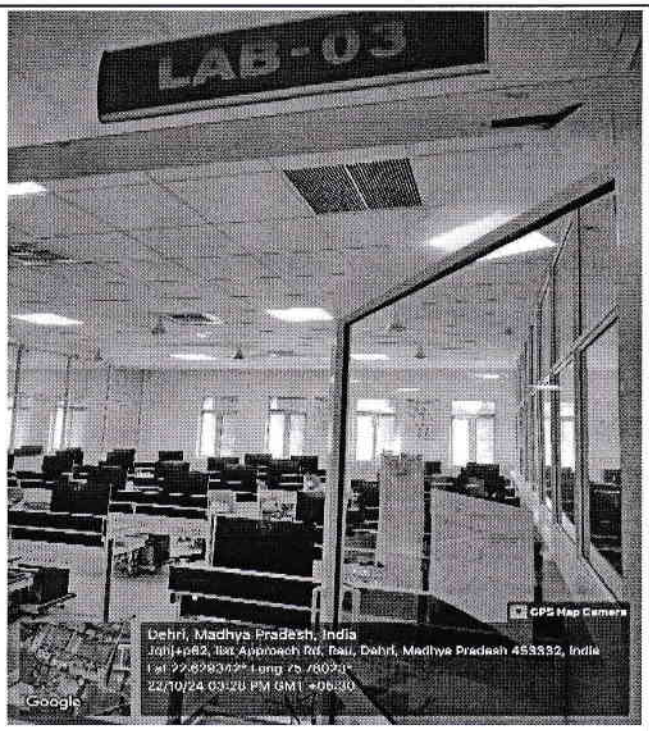
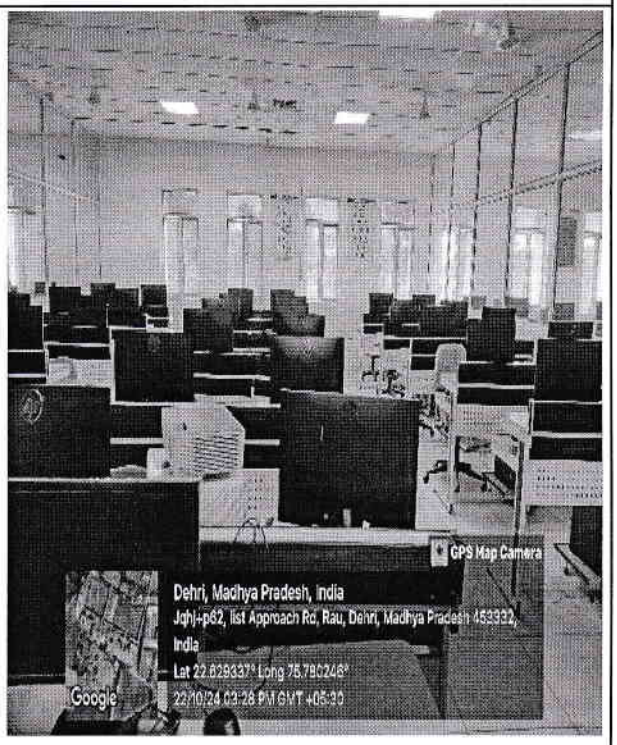
Indore Institute of Science and Technology, Indore

Computer Lab 03

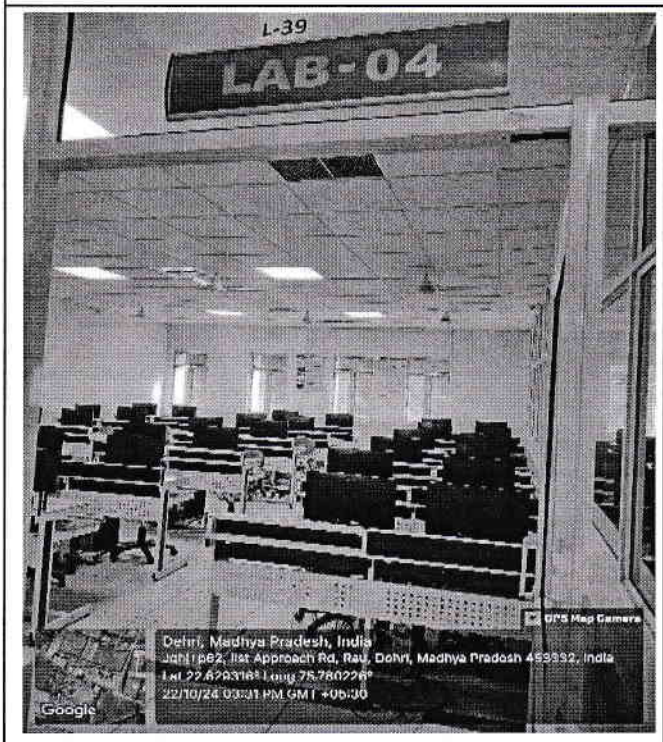


Outer View

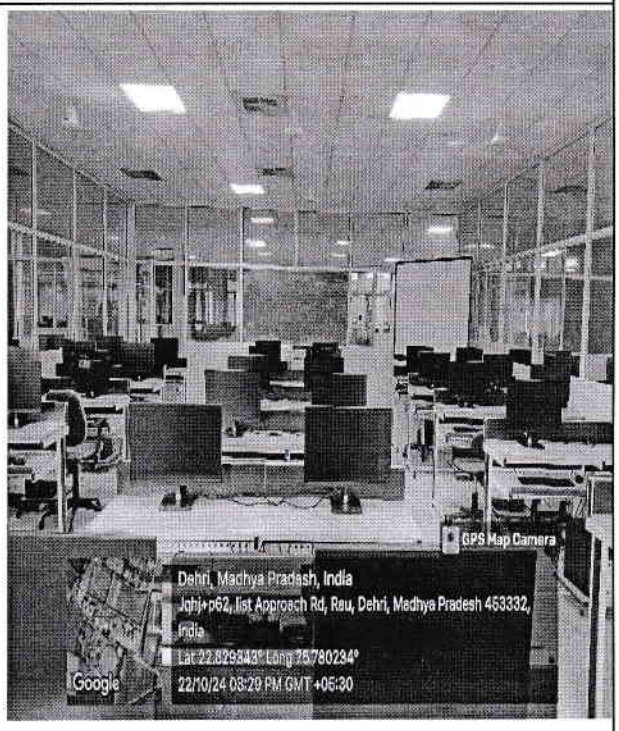


Inner View

Computer Lab 04



Outer View



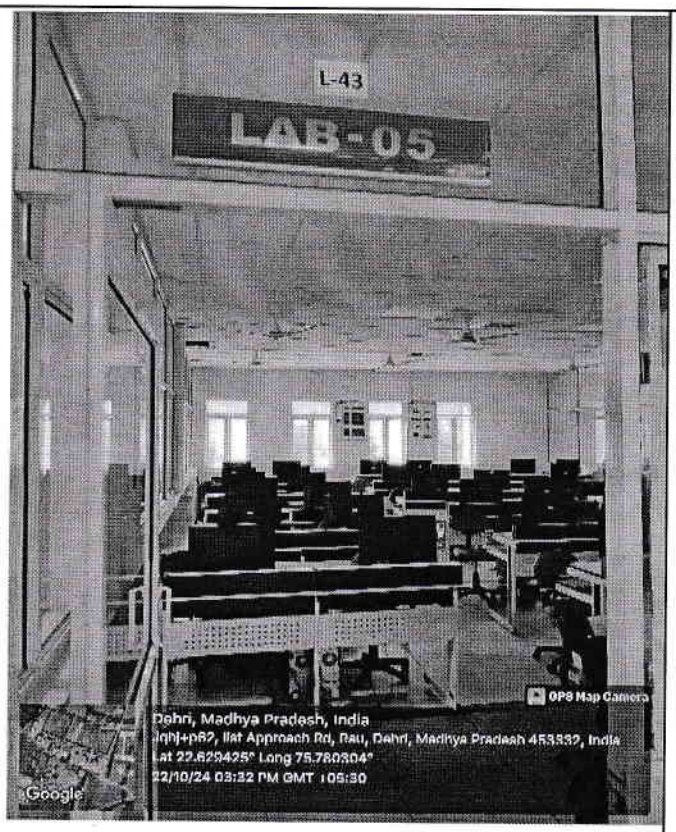
Inner View

For IIST/ IIP/ IIMR
Chief Administrative Officer

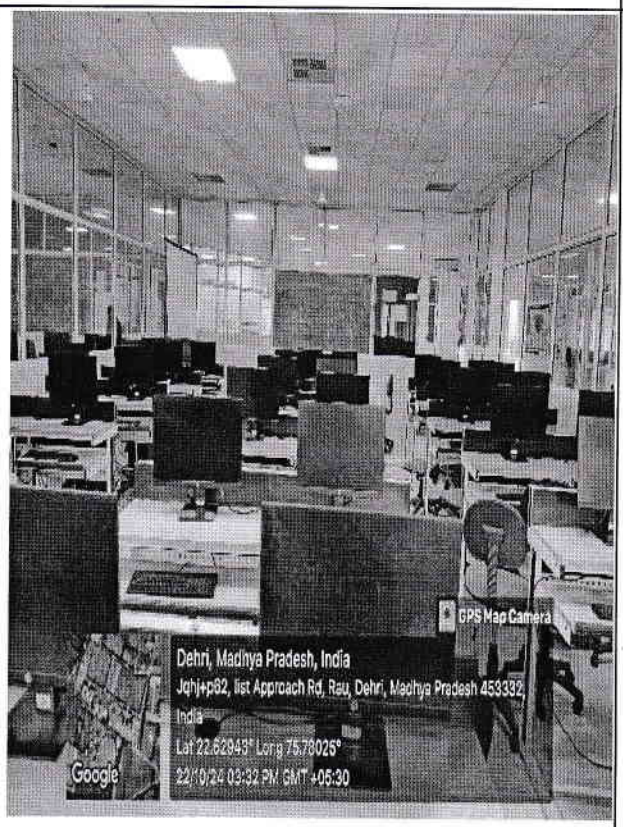
Indore Institute of Science & Technology IQAC INDORE

Principal
Indore Institute of Science

Computer Lab 05

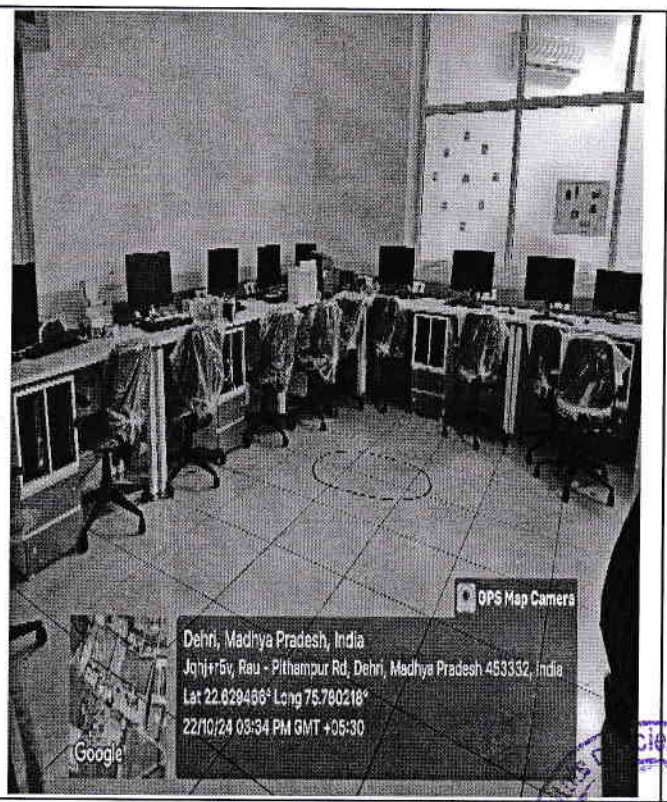


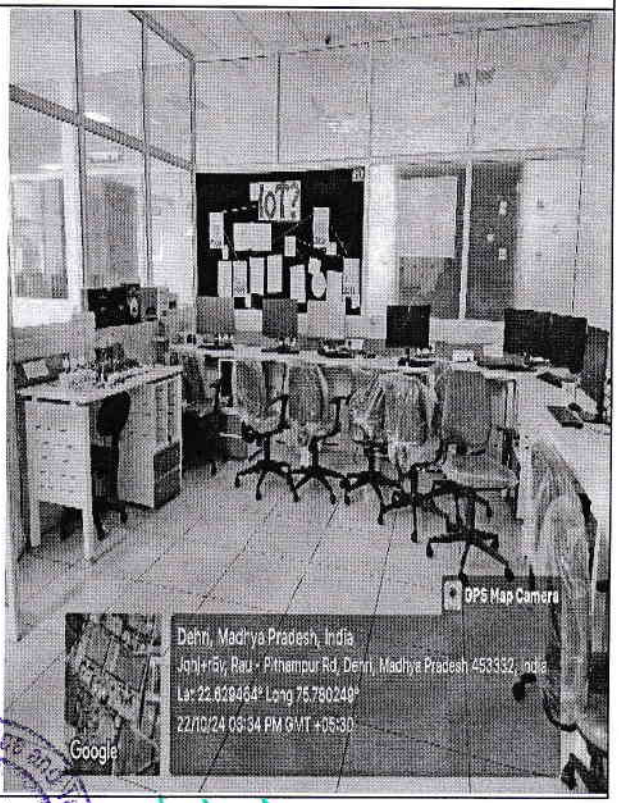
Outer View



Inner View

Computer Lab 07





For IIST/ IIP/ IIMR
Chief Administrative Officer

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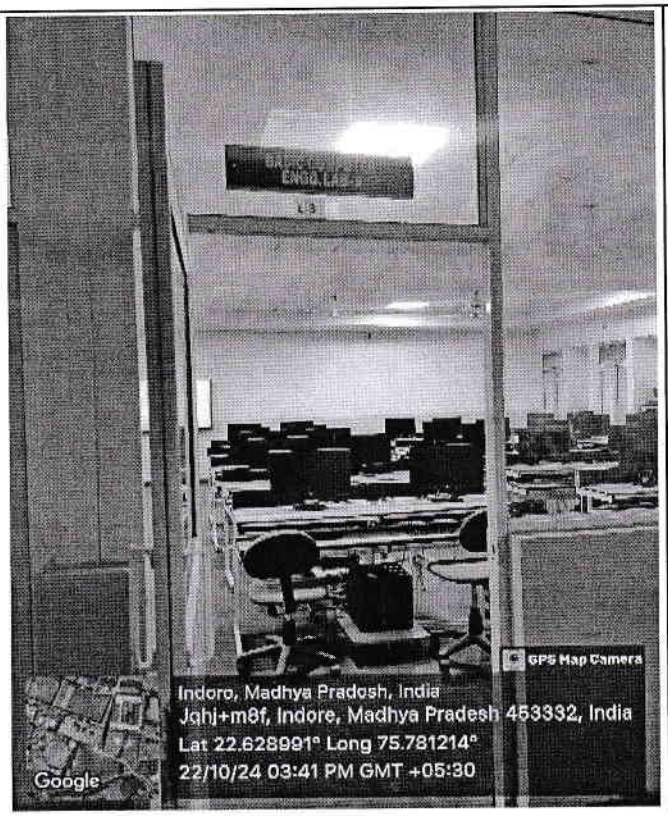
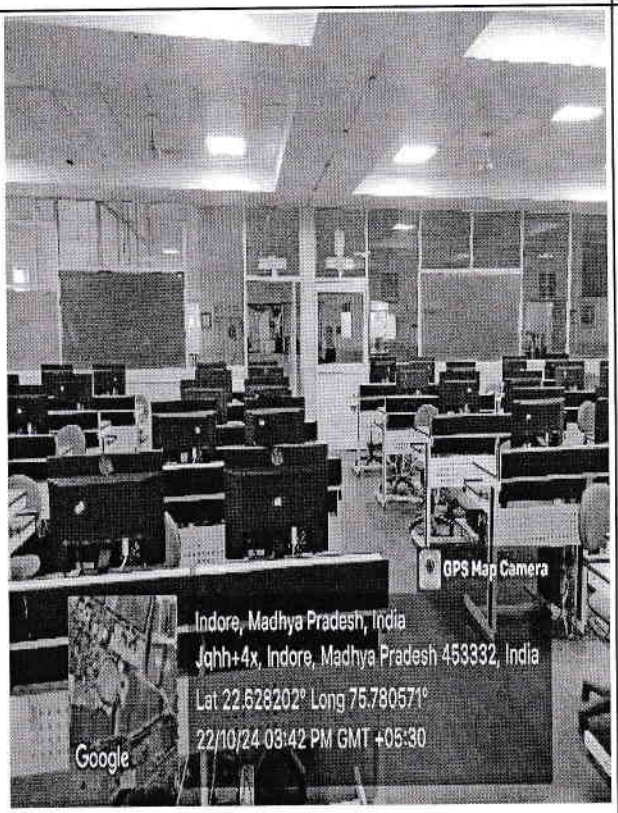
Indore Institute of Science

Basic Computer Engineering Lab

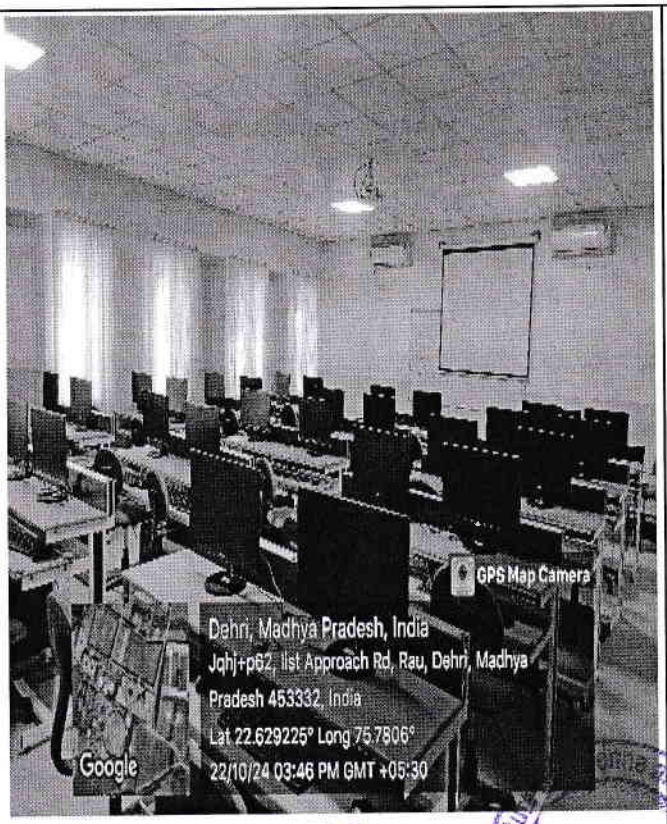


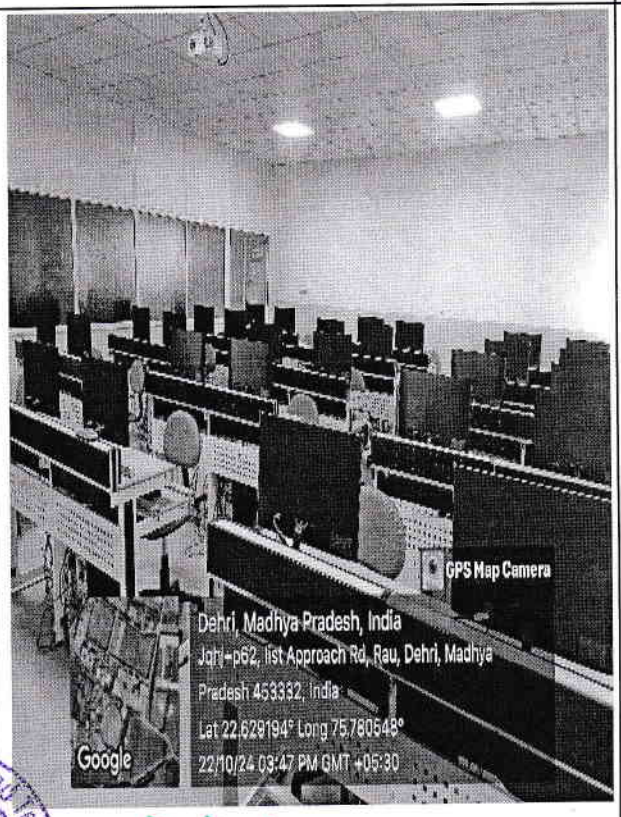
Outer View



Inner View

AIML Lab (Computer Lab – 08 & 09)





For IIST/ IIP/ IIMR
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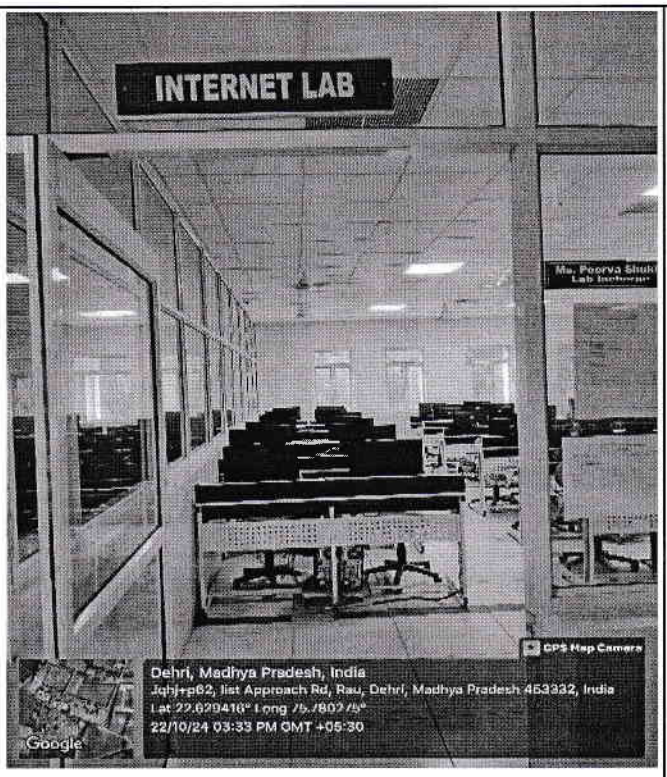
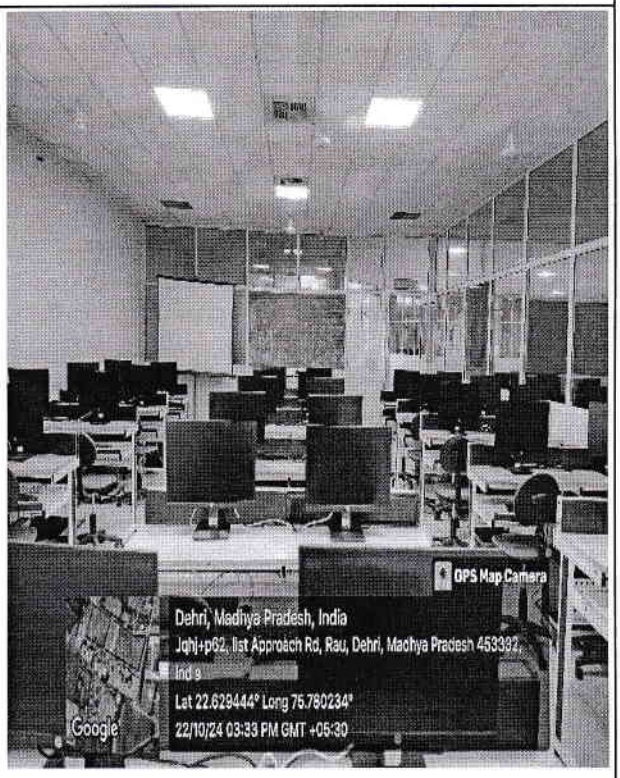
Internet Lab

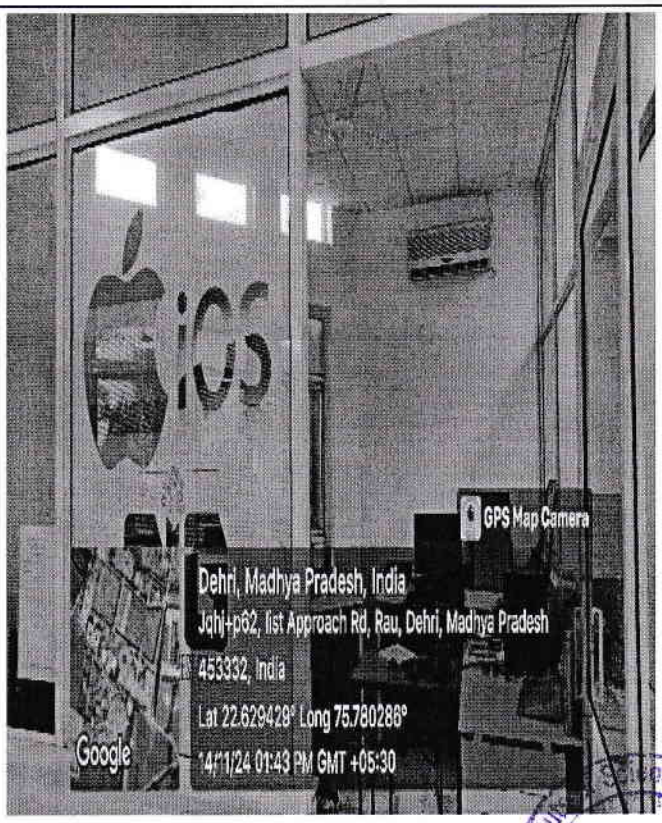


Outer View

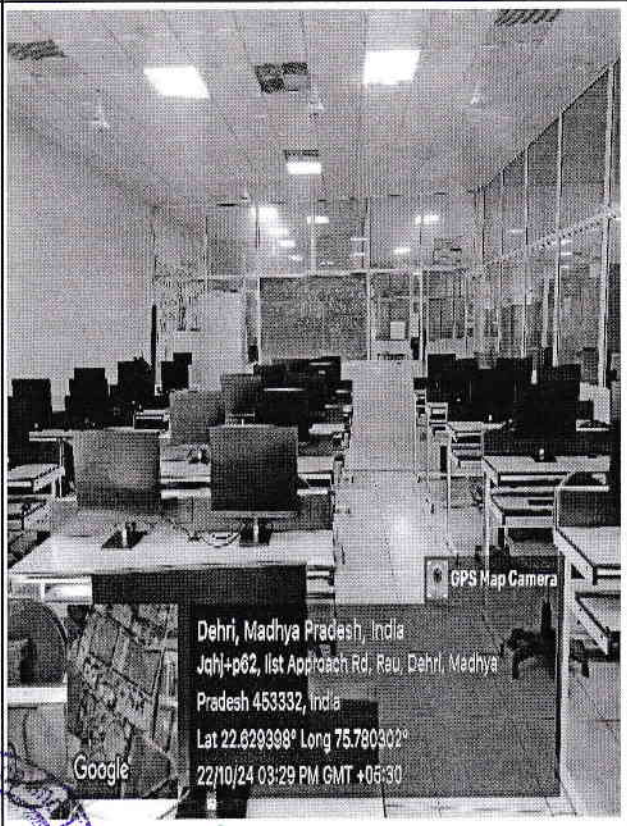


Inner View

Android Lab



.net Lab



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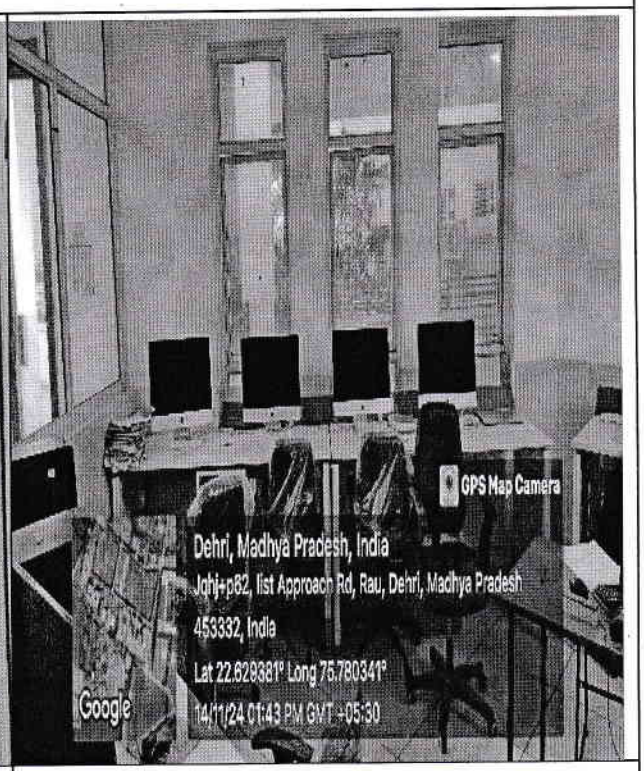
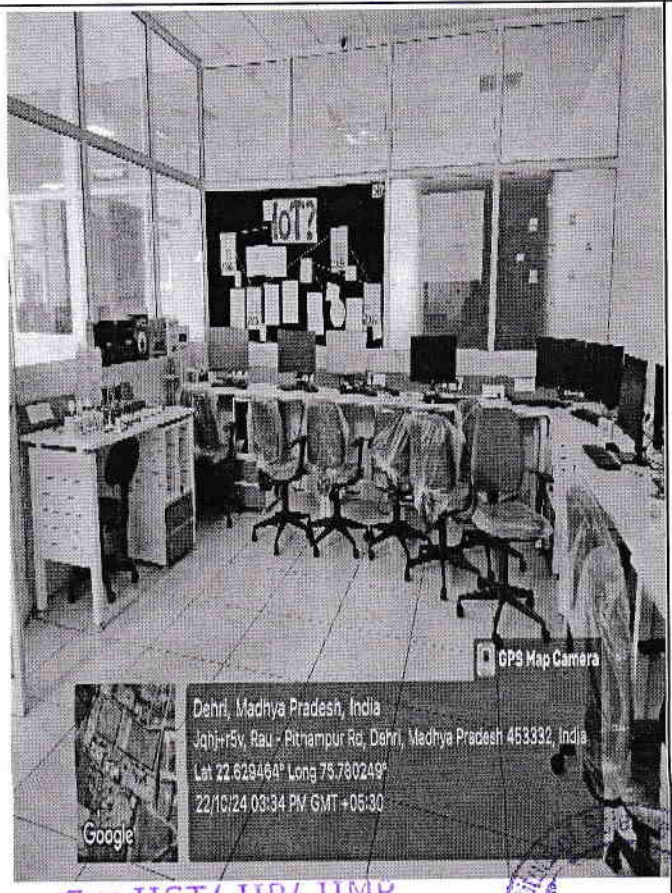
iOS Lab



CSE IoT Lab



ECE IoT Lab

For IIST/ IIP/ IIMR

Chief Administrative Officer

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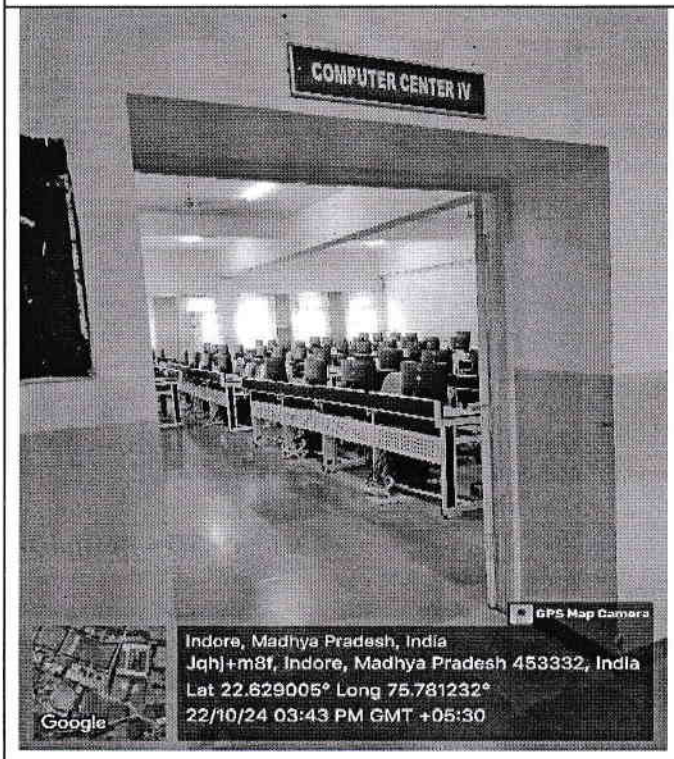
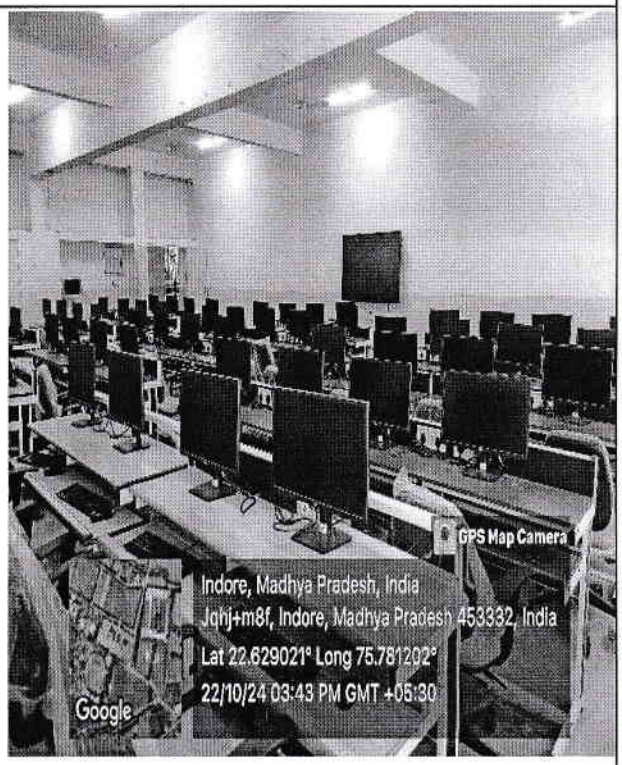
Indore Institute of Science and Technology, Indore

Computer Center IV

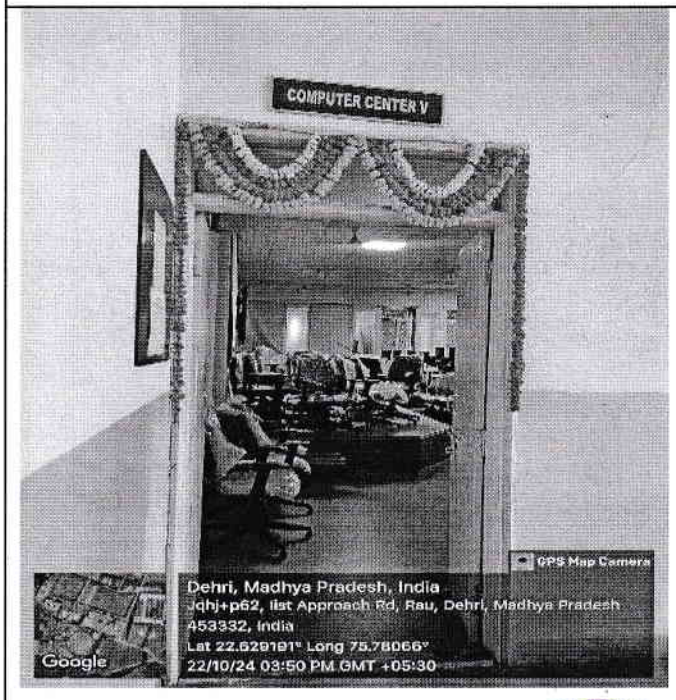


Outer View

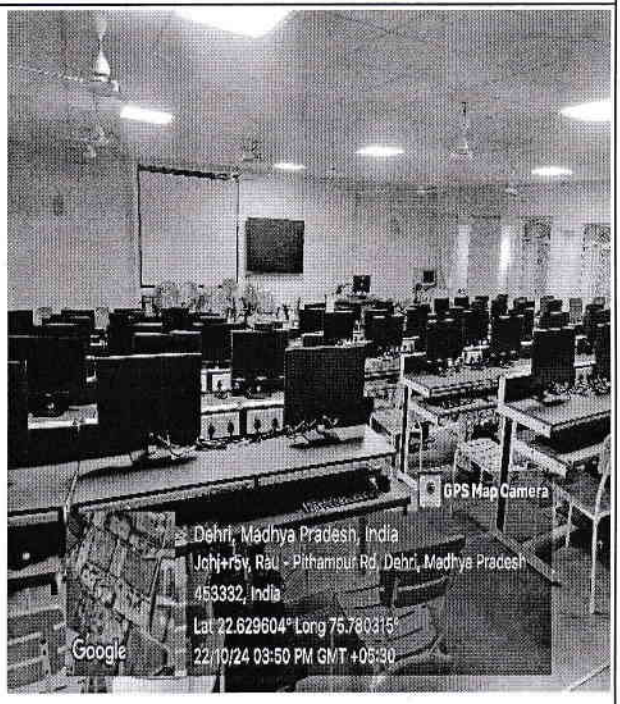


Inner View

Computer Center V



Outer View



Inner View

for IIST/ IIP/ IIMR
Chief Administrative Officer

Indore Institute of Science and Technology
IQAC
INDORE

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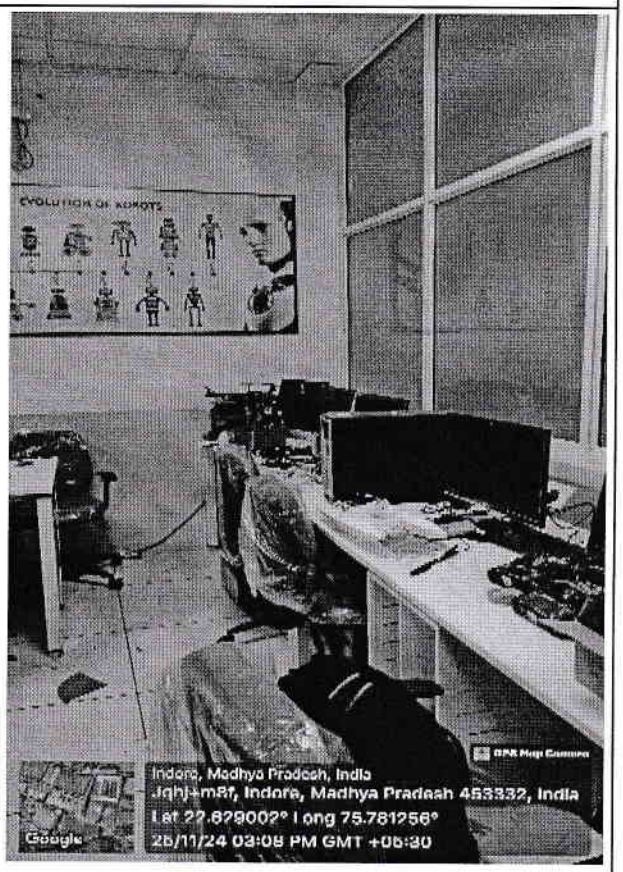
Indore Institute of Science and Technology, Indore

Geotagged Photo of Incubation Facility

CARE Lab	
	
Outer View	Inner View

For IIST/ IIP/ IIMR

Chief Administrative Officer

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List of License Software

Indore Institute of Science & Technology, Indore

Licence Software Detail

S.No.	License Software	Category
1	Microsoft Cloud Campus +Office 365	Yearly Subscription
2	Windows11/ Windows 7 Base License	Base License
3	Windows 2022 Server - Standard 64 Bit	Base License
4	Microsoft Windows 2003 Enterprise/Standard	Base Subscription
5	Turbo C++	Perpetual
6	Code Bulder C++	Perpetual
7	Oracle 9i,10 G	Perpetual
8	Ansi C	Perpetual
9	SCO Unix	Perpetual
10	Xiline 12.1	Perpetual
11	Modelsim (3.5)	Perpetual
12	MATLAB 2024	Perpetual
13	CADFEKO	Perpetual
14	Tina Pro	Perpetual
15	Orell Language Lab Software	Perpetual
16	ETNL Language Lab Software	Perpetual
17	NX6	Perpetual
18	Solid Edge	Perpetual
19	Solid Works	Perpetual
20	Ansys 12.1	Perpetual
21	CHEMCAD	Perpetual
22	ETab	Perpetual
23	Staad Pro	Perpetual
24	Tableau	Open Source
25	Ubuntu 22.0	Open Source
26	Proteus	Perpetual
27	Microwind 25	Perpetual
28	Python	Open Source
29	R-Studio	Open Source
30	Repid Minor	Open Source

System Administrator

IIST/IIP/IIM

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For IIST/ IIP/ IIMR
Chief Administrative Officer

Indore Institute of Science and Technology IQAC INDORE

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Indore Institute of Science and Technology, Indore

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

Department of CS / IT / AIML/DS

S.No.	Computer Lab Name& Location	Make & Model	Configuration	No of System
1	COMPUTER LAB -1 Computer Centre C Block	DELL-OptiPlex 5000	Intel i7-13700 13th Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-5 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	36
2	COMPUTER LAB 2 – Computer Centre C Block	DELL-OptiPlex 5000	Intel i7-13700 13th Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-5 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	36
3	COMPUTER LAB 3 – Computer Centre C Block	DELL-OptiPlex 5000	Intel i7-13700 13th Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-5 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	36
4	COMPUTER LAB 4 – Computer Centre C Block	DELL-OptiPlex 5000	Intel i7-13700 13th Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-5 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard, Mouse with Windows 11 OEM	36
5	COMPUTER LAB 5 – Computer Centre C Block	HP 600 G9	Intel i7-12700 12th Gen , 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22" IPS LED, Keyboard, Mouse with Windows 11 OEM	36
6	INTERNET LAB– Computer Centre C Block	HP 600 G9	Intel i7-12700 12th Gen with 4 GB GPU , 16 GB RAM DDR5 , 512 GB M.2 NVME SSD, 22" IPS LED, Keyboard, Mouse with Windows 11 OEM	36
7	Internet of Things (CSE)	HP 600 G9	Intel i7-12700 12th 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 12th 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 i7-13700 13th Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-5 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard,	36

For IIST/ IIP/ IIMR
Chief Administrative Officer

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10	AIML LAB-1	HP 600 G9	Intel i7-12700 12th 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 12th 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 12th 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 12th 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 12th 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 12th 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
16	Computer Center -IV	HP 400 G9	Intel i5-12500 12th 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	60
17	Computer Centre V	DELL OptiPlex 5000	Intel i5-12500 12th 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	80

For IIST/ IIP/ IIMR
Chief Administrative Officer

Indore Institute of Science and Technology IQAC INDORE

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Indore Institute of Science and Technology, Indore

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 12th 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	36
2	MATLAB Lab	HP 400 G9	Intel i5-12500 12th 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	36
3	IOT ECE	HP 600 G9	Intel i7-12700 12th 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 12th 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	Micro Controller Lab	HP 600 G9	Intel i7-13700 13th Gen. 3.0 to 4.5 GHz 8 GB GPU, Intel Q Series Chipset, 16 GB DDR-5 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard,	10
			Intel i7-13700 13th Gen. 3.0 to 4.5 GHz, Intel Q Series Chipset, 16 GB DDR-5 RAM, 512 GB M.2 NVME SSD, 22" LED Monitor, Keyboard	30

For IIST/ IIP/ IIMR
Chief Administrative Officer

Indore Institute of Science and Technology IQAC INDORE

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Indore Institute of Science and Technology, Indore

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	36
2	CAE Lab	HP 400 G9	Intel i5-12500 12th 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 12th 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 12th 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	36
4	Language Lab	DELL OptiPlex 5000	Intel i5-12500 12th 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	36

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List of lab equipment and computing facilities of Civil Engineering Department

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

List of Lab Equipments

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 30.m	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 inbox (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:---- 1. Plumbing fork with plum bob---06 2. Sprit level----------06 3. Alidade (Plain)----------06 4. Trough compass----------06	6	
21	Slump cone test apparatus	3	Material Testing
22	Cylindrica Mould	2	
	Beam Mould	2	
23	Compression Testing Machine	1	
24	Vicat needle apparatus	3	
25	Hammer 800 gm	1	
26	Cube mould (7.06 x7.06 x 7.06 CM) as per is :10800.	3	
	Trowel	2	
	Tagari	1	
27	Dial gauge.	2	
28	Sieves GI 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	

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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 Sylinder 100 ML , 500 ML,1000 ML	3	
44	Rebound Heamer	1	
45	Longitudinal Compression	1	
46	Extansometer	1	
47	Spacific gravity bottle	1	
48	Digital Compression Testing Machine	1	
49	Reynold'S Apparatus	1	Fluid Mechanics
50	Pipe Friction Apparatus	1	
51	Orrificemeter And Mouthpiece	1	
52	Orrificemeter And Venturimeter	1	
53	Centrifugal Pump Apparatus	1	
54	Callibration Of Nozzle	1	
55	Metacentric height apparatus	1	
56	Engineering geological small model set of 16	3	Geology
57	Hardness Box	1	
58	Set of Minerals	4	
59	Set of Rocks	5	
60	Charts	5	
61	Globe	1	
62	Set of metallic ores samples (small)	1	
63	Liquid limit device	1	Soil Mechanics
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 Gl 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	

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79	Ring and ball apparatus	1	Transportation Engineering
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 Appartus	1	TOS
87	Portal Frame Appartus	1	
88	Two Hinged arch Appartus	1	
89	Three hinged arch Appartus	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	Engg. Mechanics
94	Bell crank lever Apparatus	2	
95	Jib Crane Apparatus	2	
96	Simply Supported Beam Apparatus	2	
97	Gravesend Apparatus	1	
98	Bending Moment Apparatus	3	
99	Fly wheel	2	
100	Screw Jeck	1	
101	Truss Apparatus	1	
102	Universal Force Table Apparatus		

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List of lab equipment and computing facilities of Chemical Engineering Department

DEPARTMENT OF CHEMICAL ENGINEERING

List of Equipment- Lab wise

Coarse	Equipments
Adv. Engg Chemistry	Conductivity meter Desicator Hot plate Water Bath(300*400*100)mm Water Bath(350*400*100)mm Photo Colorimetetr pH meter Muffle Furnance Polarimeter
Chemical Instrumentation	Conductivity meter pH meter Photo Colorimeter Spectro Photometer Polarimeter Pressure measurment using strain Gauge Measurment 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 Thermostate(03)
Fuel Technology	Penetrometer Universal penetrometer Steam Emulsification Tar Viscometer Redwood Viscometer No. 01 with Energy Regulator(02) 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 Sheker, Hammer Mill Ball mill with Tachometer Cyclone Seprator 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
Inorganic Process Technology	AutoCAD P&ID Software (student version)

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Computer Programming-II	MS Excel
Heat Transfer	Dropwise/Filmwise condensation app. Open pan evaporator Single effect evaporator
Mass Transfer I	Distillation Coloumn: Bubble Cap Steam DistllationColoumn 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. Refractrometer Carbon Di Oxide Cylinder Air Compressor, 1 HP,4 CFM
Mass Transfer II	Experimental Water Cooling Tower Swenson walker crystalizer Fluidized bed dryer/forced dryer Adsorption in packed coloumn
Chemical Reaction Engineering I and II	Continuisoly 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)
Environment Engg Lab	Analysis kit Hot plate Water Bath(350*400*100)mm colony Counter (4 Digit,Led Display) Orsat gas Analyser (02) BOD Incubator COD 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 Software

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

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION
Information Regarding Laboratories — Academic Year : 2023-24

Name of Laboratories	Major Equipment / Machine available in Laboratories
Optical Communication Lab / Antenna Lab / Microwave Lab	FIBER OPTIC TRAINER 2501
	FIBER OPTIC TRAINER 2501
	FIBER OPTIC TRAINER 2501
	MULTIPLEXER & DEMULTIPLEXER TRAINER ST-2503
	LASER FIBER OPTIC TRAINER ST-2506
	DIGITAL LINK TRAINER ST-2507
	ANALOG LINK TRAINER ST-2508
	ELEMENTRY FIBER OPTIC TRAINER 2501
	ADVANCED FIBER OPTIC TRAINER 2502
	DIFFRACTION USING GRATING MODEL NV6110
	MICHELSON INTERFEROMETER NV6115
	OPTICAL POWER METER ST-2551
	CRO-02
	FEKO
	BROAD SIDE ARRAY
	PHASE ARRAY ANTENNA
	SIMPLE DIPOLE λ/2
	GROUND PLANE
	POWER METER
	SIMPLE DIPOLE λ/4
	SIMPLE DIPOLE 3/2λ
	YAGI UDA FOLDED DIPOLE(3 ELEMENT)
	HERTZ ANTENNA
	YAGI UDA SIMPLE(7 ELEMENT)
	COMBINED COLLINEAR ARRAY
	HELIX ANTENNA
	DIGITAL MULTIMETER
	ANTENNA TRAINER SET KIT ST-2261 With 22 Antennas
	ANTENNA TRAINER ST-2261 With 22 Antennas
	ANTENNA TRAINER Falcon APPROX
	ANTENNA DIGITAL RF TRANSMITTER
	ANTENNA DIGITAL RF RECEIVER
	STEPPER MOTOR CONTOLLER
	DISCONE ANTENNA
	YAGI UDA (3 ELEMENT)
	YAGI UDA (4 ELEMENT)
	CRO-02
	Multimeter-01
	MICROWAVE TEST BENCH MODEL NV-9000
	MICROWAVE TEST BENCH MODEL NV-9001

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MICROWAVE TEST BENCH MODEL NV-9002
MICROWAVE TEST BENCH MODEL NV-9003
MICROWAVE TEST BENCH MODEL NV-9004
KLYSTRON POWER SUPPLY
FREQUENCY METER
GUN POWER SUPPLY
GUN OSCILLATOR
PIN MODULATOR
VARIABLE ATTENUATOR
KLYSTRON MOUNT TUBE
ISOLATOR
COLLING FAN
MUVABLE SHORT
MATCHED TERMINATION
S.S. TUNER
SWR METER
DETECTOR MOUNT
SLOTTED SECTION
DIELECTRIC CELL
SOLID DIELECTRIC CELL
STANDARD GAIN HORN
PICK UP HORN
PYRAMEDICAL HORN
H-PLANE SECTORIAL HORN
E-PLANE
WAVEGUIDE CAVITY
SLOTTED BROAD WALL ANTENNA
PARADOLIC ANTENNA
DIELECTRIC ANTENNA
PRECISION
MULTI HOPE DIRECTIONAL COUPLER
T-CIRCULATOR
Y-CIRCULATOR
MAGIC TEE
CD COUPLER1
PHASE SHIFTER
COAXIAL ADAPTER
FIXED ATTENUATOR
K-TYPE LOW PASS ACTIVE FILTER 8012
M-TYPE HIGH PASS FILTER 8017
K-TYPE HIGH PASS ACTIVE FILTER 8013
K-TYPE BAND PASS ACTIVE FILTER 8014
M-TYPE LOW PASS FILTER 8019
M-TYPE BAND PASS FILTER 8018

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CNTL Lab	ACTIVE LOW AND HIGH PASS FILETR AN 51
	NOTCH FILTER KIT AN 52
	TRANSMISSION LINE KIT ST-2266 / 04 Nos
	FUNCTION GENERATOR 5 and 2 MHz
	CATHODE RAY OSCILLOSCOPE 30 and 20 MHz / CRO-02 & DSO-02
	TCHABYSHEV FILTER AB-54
	M- DERIVED FILTER AB-48
	K- DERIVED FILTER AB-49
	MULTIMETER
	M-DERIVED BAND PASS AND BAND REJECT FILTER
	ADVANCE ANALOG WORK STATION LAB
	Microprocessor-8085 Trainer Kit (Dyna-85) 86856
	Microprocessor-8086 Trainer Kit (Dyna-86) 2167
	DMA Controller Kit 729
	Microcontroller-8051 Trainer Kit (Dyna-51) M-51-02
	Steper Motor Interfacing Kit 1293
	ADC Interfacing Kit 1471
	DAC Interfacing Kit
	Universal Programmer and Tester
	UV-EPROM ERASER 4010
	8051 Microcontroller Trainer
	8086 Microprocessor Trainer M-86-02
	7 Segment Display Card IC-07
	Steper Motor Controller Card IC-08
	16X2 LCD Display Card IC-11
	Relay and Opto Coupler Card IC-15
	LDR Interface Card IC-18
	Microcontroller Development board with Programmer 5001
	Input Interface Module MC-01
	ADC/DAC Module MC-02
	Computer Interface Module MC-03
	Display Module MC-04
	Motor Drive Module MC-05
	8051 Development board
	PIC Development board
	8051 USB Programmer Kit
	PIC Programmer
	AT 89S52
	PIC18F452
	Temperature Sensor 5
	PIR Sensor
	Load Cell Sensor

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Microprocessor & Microcontroller Lab / Embedded System Lab	Pressure Sensor
	Obstacle Sensor
	ARM 7 LPC 2148 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(2Y0A02F-12
	Sensor module kit 032462 MC15 NVIS
	Wifi module 022231 NVIS MC 20WIFI
	Bluetooth module 092335 NVIS MC20BT
	RFID Module 032491 MC20 RFID
	Fingerprint module 092241 NVIS MC20FP
	Graphical Display 032479 NVIS 15
	Motor Drive Module MC-05
	Display Module MC-04
	ADC/DAC Module MC-02
	Input Interface Module MC-01
	AVR Development board 0324166 NVIS 5003
	Modular embedded development platform 0123242,0324243
	Pic microcontroller Development board 0324547 NVIS 5002
	124 Universal development platform 5001A 03241301 to 03241303
	Graphical Display module NVIS MC09
	Sensor module kit MC15 NVIS
	Graphical Display module NVIS MC09
	Motor Drive Module MC-05
	Display Module MC-04
	Sensor module MC15
	RFID Module 032491 MC20 RFID
	Wifi module 022231 NVIS MC20WIFI
	Bluetooth module 092335 NVIS MC20BT
	ADC/DAC Module MC-02
	Pic microcontroller Development board 0324547 NVIS 5002
	AVR Development board 0324166 NVIS 5003
	Modular embedded development platform 0123242,0324243
	Input Interface Module MC-01
	8051Universal development board NVIS 5001A
	Compass Sensor 1101A
	SPECTRUM ANALYZER
	DIGITAL COMMUNICATION TRAINER SYSTEM
	SAMPLING AND RECONSTRUCTION TRAINER ST-2101

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Microprocessor & Microcontroller Lab / Embedded System Lab	Pressure Sensor
	Obstacle Sensor
	ARM 7LPC 2148 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
	Sensor module kit 032462 MC15 NVIS
	Wifi module 022231 NVIS MC20WIFI
	Bluetooth module 092335 NVIS MC20BT
	RFID Module 032491 MC20 RFID
	Fingerprint module 092241 NVIS MC20FP
	Graphical Display 032479 NVIS 15
	Motor Drive Module MC-05
	Display Module MC-04
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	Input Interface Module MC-01
	AVR Development board 0324166 NVIS 5003
	Modular embedded development platform 0123242,0324243
	Pic microcontroller Development board 0324547 NVIS 5002
	124 Universal development platform 5001A 03241301 to 03241303
	Graphical Display module NVIS MC09
	Sensor module kit MC15 NVIS
	Graphical Display module NVIS MC09
	Motor Drive Module MC-05
	Display Module MC-04
	Sensor module MC15
	RFID Module 032491 MC20 RFID
	Wifi module 022231 NVIS MC20WIFI
	Bluetooth module 092335 NVIS MC20BT
	ADC/DAC Module MC-02
	Pic microcontroller Development board 0324547 NVIS 5002
	AVR Development board 0324166 NVIS 5003
	Modular embedded development platform 0123242,0324243
	Input Interface Module MC-01
	8051Universal development board NVIS 5001A
	Compass Sensor 1101A
	SPECTRUM ANALYZER
	DIGITAL COMMUNICATION TRAINER SYSTEM
	SAMPLING AND RECONSTRUCTION TRAINER ST-2101

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Digital Communication Lab	PAM,PWM,PPM,MODULAITON & DEMODULATION TRAINER
	TDM PULSE CODE MODULATION/TRANSMITTER ST-2103
	DATA FORMATTING & CARRIER MODULATION TRANSMITTER TRAINER
	TDM PULSE AMPLITUDE MODULATION/DEMODULATION TRAINER ST-2102
	DELTA,ADAPTIVE DELTA &DELTA SIGMA DELTA MODULATION / DEMODULATION TRAINER
	SAMPLING AND RECONSTRAUCTION TRAINER
	TDM PULSE AMPLITUDE MODULATION/DEMODULATION TRAINER
	TDM PULSE CODEMODULATION/TRANSMITTER TRAINER
	TDM PULSE CODEMODULATION/RECEIVER TRAINER ST-2104
	DELTA, ADAPTIVE DELTA, SIGMA DELTA MODULATION/ DEMODULATION TRAINER ST-2105
	PAM,PWM,PPM,MODULAITON & DEMODULATION TRAINER ST-2110
	30 MHz oscilloscope - 03
	Sampling & Reconstruction Trainer
	PWM
	PAM
	ASK
	PSK
	DSO
	Multimeter-02
	FSK
	PCM
	Delta Modulation & Demodulation
Software Lab-2 (Advanced Communication system Lab / DSP Lab)	Basic GSM Trainer
	GPS Trainer ST-2267
	LAB VIEW 2009
	MATLAB 2010-B
	AMPLITUDE MODULATION TRANSMITTER TRAINER ME 741A
	AMPLITUDE DEMODULATION RECEIVER TRAINER
	FREQUENCY MODULATION TRANSMITTER TRAINER ME742A
	FREQUENCY DEMODULATION RECEIVER TRAINER
	CIRCUIT PRE- EMPHASIS & DE-EMPHASIS
	DIGITAL STORAGE OSCILLOSCOPE

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Analog Communication Lab	DIGITAL STORAGE OSCILLOSCOPE
	FREQUENCY MODULATION AND DEMODULATION TRAINER KIT ST-2203
	FM COMMUNICATION TRAINER ST-2204
	NOISE AUDIO AMPLIFIER TRAINER ST-2205
	SYNCHRONOUS AM DETECTION TRAINER ST-2209
	DSB/SSB AM RECIEVER TRAINER ST-2202
	DATA FORMATTING AND CARRIER MODULATION TRANSMITTER TRAINER ST-2106
	DSB/SSB AM TRANSMITTER KIT
	30 MHZ OSCILLOSCOPE WITH 1 MHZ FUNCTION GENERATOR AND POWER SUPPLY
Digital Electronics Lab	LOGIC GATES USING DTL ME-679
	DIGITAL LOGIC GATE TRAINER ME-690
	UNIVERSAL GATES TRAINER ME-692
	4-BIT ADDER & SUBTRACTOR ME-699
	FLIP-FLOP KIT ME-702
	4-BIT COUNTER KIT ME-712
	ENCODER & DECODER ME-718
	4-BIT SHIFT REGISTER KIT ME-716
	MULTIPLEXER AND DEMULTIPLEXER ME-720
	ADDER & SUBTRACTOR KIT ME-700
	CRO-02 & DSO-01
	Multivibrator AB-28
	Schmitt Trigger AB-45
	VCO AB-26
Network Analysis	KCL & KVL TRAINER KIT ME-561
	THEVENIN THEOREM KIT ME-594
	SUPERPOSITION THEOREM KIT ME-592
	NORTON THEOREM KIT ME-593
	RECIPROCITY THEOREM KIT ME-596
	MILLMAN THEOREM KIT ME-598
	MAXIMUM POWER TRANSFER THEOREM KIT ME-595
	FOURIER ANALYSIS KIT
	FOURIER SYNTHESIS KIT
	MULTIMETER-02 DMM
	FUNCTION GENERATOR-02 3 MHz
	CRO-02 30 MHz
	SPECTRUM ANALYZER
	CATHODE RAY OSCILLOSCOPE 05 30 MHz
	FUNCTION GENERATOR-04 03 MHz
	TEMPRETURE TRANSDUCER TRAINER ST-2302
	SCHERING BRIDGE AB-13
	WIEN BRIDGE OSCILLATOR AB-66

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Electronics Instrumentation Lab	STRAIN GAUGE TRAINRE ST-2304
	OPTICAL TRANSDUCER TRAINER ST-2301
	MULTIMETER
	MAXWELL'S INDUCTANCE BRIDGE AB-59
	CRO DEMO KIT ST-2001
	LVDT ST-2303
	DIGITAL POWER SUPPLY AD-01 0-30 V
	CRO WITH FUNCTION GENERATOR 5 MHz , 2 Mhz AND DC MULTIMETER 30 MHz & 20 MHz
	MEASUREMENT OF TEMPERATURE USING SEMICONDUCTOR SENSOR
	MEASUREMENT OF TEMPERATURE USING THERMOCOUPLE
	MEASUREMENT OF TEMPERATURE USING SCR
	Galvanometer ,Voltmeter
	Micro Ammeter , Headphone
	Decade Condensor Box
	Inductor,Capacitor and Maxwell
	Measurement of angular Displacement
	STRAIN GAUGE
	Water level Measurement
	Power Supply +30 VDC
	Pressure Measurement using Strain Gauge
	Piezo electric Transducer
	Schering & Wein Bridge
	LVDT & RTD
	Thermistor Characteristics
Software Lab-1 (VLSI LAB / VHDL LAB / TINA LAB)	Study of RAM
	CPLD Kit
	FPGA Kit
	Universal Development Platform ST-110
	CD-ST-110
	CD1
	CD2
	Daughter Card CPLD
	Daughter Card FPGA
	Peripheral Card
	JTAG Cable
	Power Supply
	TINA-PRO 7
	TINA-PRO 9
	XILINX 12.1 i
	Microwind Software
	P-N JUNCTION DIODE KIT ME-539

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Electronic Device Lab and EDC Lab	HALF WAVE AND FULL WAVE RECTIFIER KIT ME-577
	A,B,AB AND PUSH PULL AMPLIFIER KIT
	TRANSISTOR CHARACTERSTICS ME-533
	UJT CHARACTERSTICS
	ZENER DIODE CHARACTERSTICS ME-542
	FET CHARACTERSTICS ME-535
	H-PARAMETER ME-532
	HARTLEY AND COLPITT'S OSCILLATOR ME-663
	CE AMPLIFIER WITH FEEDBACK
	MOSFET CHARACTERSTICS ME-548
	PUSH PULL AMPLIFIER
	DOUBLE STAGE RC COUPLED AMPLIFIER
	APPLICATION OF IC-555 TIMER ME-650
	F-V/V-F CONVERTER ME-659
	ACTIVE FILTER USING OPAMP ME-784
	SCHMITT TRIGGER ME-633
	APPLICATION OF OP-AMP ME-627
	DIFFERENTIAL AMPLIFIER
	SCR CHARCATERSTICS ME-534
	WEIGHTED REGISTER D-A CONVERTER
	OP-AMP AS INVERTING AND NON AINVERTING AMPLIFIER
	POWER SUPPLY(0-30V)
	MULTIPLE POWER SUPPLY
	FUNCTION GENERATOR 5 MHz
	CATHODE RAY OSCILLOSCOPE (30,25,20 MHZ)
	SCIENTECH MULTIMETER
	CRO (30 MHZ) WITH FUNCTION GENERATOR AND DC MULTIMETER
	L3G420003 Axis Digital Gyroscope
	AVIRISP MK11/KP11 USB Programmer
	Two Axis Camera Pad With Wireless Camera
	USB YU Tuner for Interfacing 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 & 3 Axis Manometer
	GPS Reciever
	Raspberry-Pi
	Metal Gear Servo Motor
	Sharp GP2DI20C Infrared Sensor(4cm to 30cm)
	Sharp GP2YOA21YKOF Infrared Range Sensor(10 to 50 cm)
	Sharp GP2YOAO2YK Infrared Range Sensor(20 to 150 cm)
	Arduino Uno With Cable
	Arduino Adaptor
	DC Motor 9V

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Stepper Motor 9V
GSM Module SIM 900
L293D Motor Drive Module
RF Transmitter And Reciever
IOT MODULE(ESP8266)(WiFi module)
Arduino Board
Robotic Wheeler
Fru Wheel
IR LED Sensor Array 3
Humidity Sensor (DTT222)
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 & Receiver 2.4 GHz channel FHSS system
Plug connector with sheath housing male & female deam connector
Bottle with spray nozzel
MOTOR 1000 KV
ELECTROBOT MOTOR 1000 KV
ESC (ELECTRONIC SPEED CONTROLLER)
ALENKEY SET OF 9
BATTERY LIPO 3500 mAH
CUTTER SMALL
CUTTER BIG
SERVO MOTOR
HOT GUN
SCREW DRIVER SET
Adopter (R-Pi)
LCD TOUCH SCREEN

IIST

For IIST/ IIP/ IIMR

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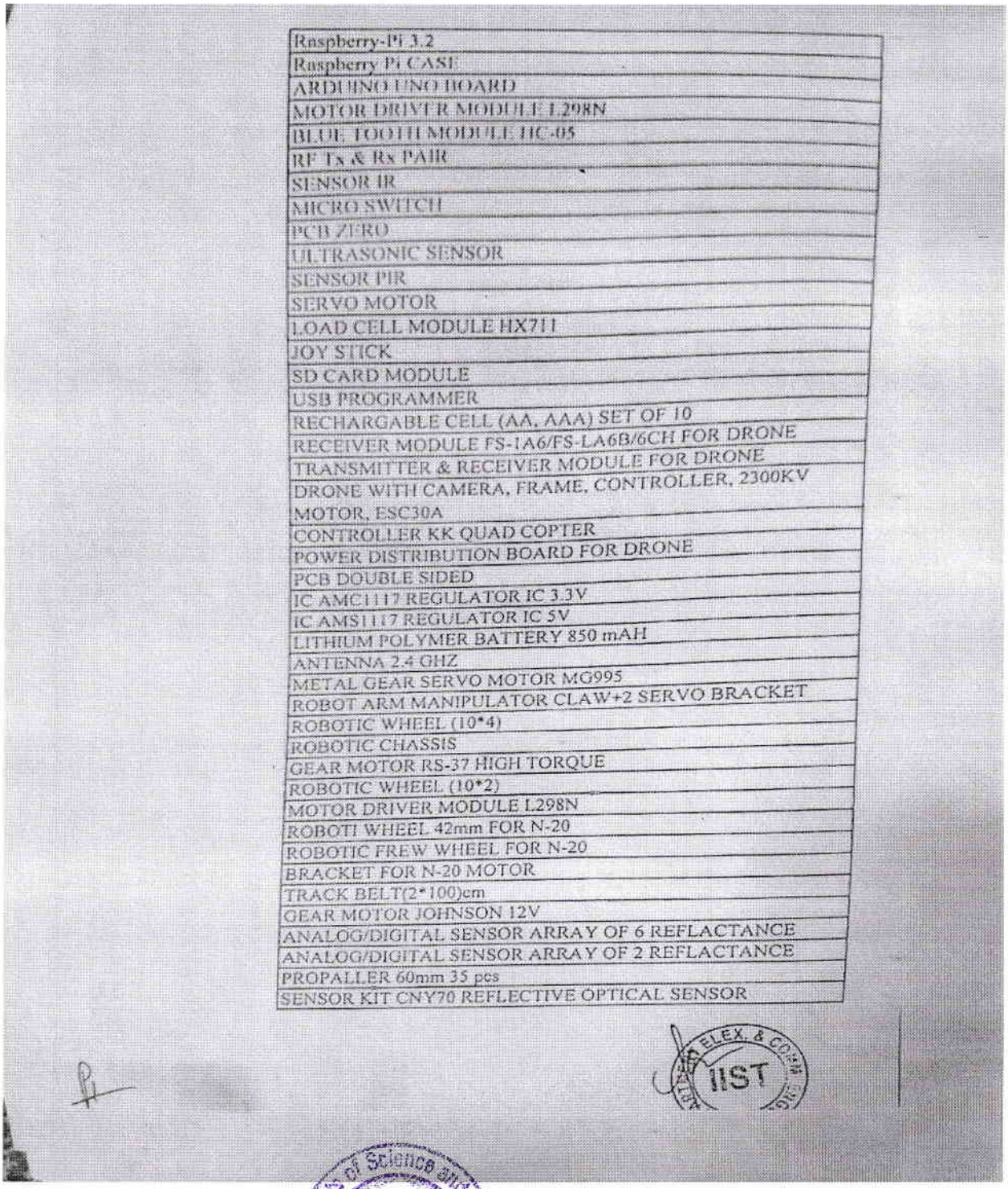

Raspberry-Pi 3.2
Raspberry Pi CASE
ARDUINO UNO BOARD
MOTOR DRIVER MODULE L298N
BLUE TOOTH MODULE HC-05
RF Tx & Rx PAIR
SENSOR IR
MICRO SWITCH
PCB ZERO
ULTRASONIC SENSOR
SENSOR PIR
SERVO MOTOR
LOAD CELL MODULE HX711
JOY STICK
SD CARD MODULE
USB PROGRAMMER
RECHARGABLE CELL (AA, AAA) SET OF 10
RECEIVER MODULE FS-IA6/FS-LA6B/6CH FOR DRONE
TRANSMITTER & RECEIVER MODULE FOR DRONE
DRONE WITH CAMERA, FRAME, CONTROLLER, 2300KV MOTOR, ESC30A
CONTROLLER KK QUAD COPTER
POWER DISTRIBUTION BOARD FOR DRONE
PCB DOUBLE SIDED
IC AMC1117 REGULATOR IC 3.3V
IC AMS1117 REGULATOR IC 5V
LITHIUM POLYMER BATTERY 850 mAH
ANTENNA 2.4 GHZ
METAL GEAR SERVO MOTOR MG995
ROBOT ARM MANIPULATOR CLAW+2 SERVO BRACKET
ROBOTIC WHEEL (10*4)
ROBOTIC CHASSIS
GEAR MOTOR RS-37 HIGH TORQUE
ROBOTIC WHEEL (10*2)
MOTOR DRIVER MODULE L298N
ROBOTI WHEEL 42mm FOR N-20
ROBOTIC FREW WHEEL FOR N-20
BRACKET FOR N-20 MOTOR
TRACK BELT(2*100)cm
GEAR MOTOR JOHNSON 12V
ANALOG/DIGITAL SENSOR ARRAY OF 6 REFLACTANCE
ANALOG/DIGITAL SENSOR ARRAY OF 2 REFLACTANCE
PROPALLER 60mm 35 pcs
SENSOR KIT CNY70 REFLECTIVE OPTICAL SENSOR

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FOAM SHEET (500*200*5)mm 20 pcs
GEAR MOTOR N-20
ANTENNA 2.4 GHZ NRF24L01+PA+LNA
DC MOTOR 2400 rpm 3-4V
TRACK BELT & WHEEL (4 WHEEL +2 BELT)
LEAD CUTTER
WIRE STRIPPER
SOLDER WIRE 250 gm
PCB BOARD
SOLERING PAST (FLUX) 50ml
PWM SPEED CONTROLLER
11-BLADES S.S IRON WHEEL CUTTING (SET OF 5)
CUTTING WHEEL (SET OF 5)
DC MOTOR RS775
BMS
Buck Cnvertor
Seven segment
Turbidity meter
PH Module
Bluetooth
OLED
Servo motor
Humidity moisture sensor
LCD (16*2)
RECHARGABLE CELL (AA, AAA) SET OF 08
Battery charger
Bread board
Green LED
IR LED Sensor Array
MPU 6050
Gyrosensor
DHT Sensor
Aurdino UNO
Cables
Relay (10 A)
Male Bug strip
Female Bug strip
Crystal XTL 16 MHz
Fan DC 5 V
RPI (GPIO) Pin extendor
PIEZO Sensor
LIDAR Sensor
GSM Module SIM 800
Ultra sonic sensor

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Raspberry pi Sensor Hut
ESP 32 Old
ESP 32 New
ESP Cable
MQ6 Sensor
I/O Development board
Alexa ECO
Battery (switch,toggle)
Joy stick switch
Battery holder
P2P Dual band wifi router 3
Raspberry pi
CAM Module
Raspberry pi 3BT
Sensor kit
Arduino dec board
ESP 8266 WIFI MODULE
32" Touch LCD
IR Module spark V
USB to TTL Convertor
Jumper wires 300
Glass epoxy PCB 15
Bug strip 200
Pot 10K 20
Bonora plug 200
LED 5mm Red and green 400
DHT 11 20
2 Pin connector 20
7805 20
SG 90 Servo 20
BC 547 20
MPU 6050 20
Relay 12 V 20
3 Pin connector 20
CD 4094 IC 20
SD Card Reader 05
Modulr LM 2596 Module jack 5
Jack audio jack male 10
Solar panel 9r 5W Charger TP4056 10
Cell 9 volt battery 30
GPIO Expansion board 05
Solar panel 8541 02
TP 4056 Charger 8536 10
9V Battery 8507 30

Robotics Lab / Mechatronics Lab/ E-

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Transformer 50
7805 IC 50
IC Base 30
LED 100
Transistor 40
Relay 50
IO Pin 50
Pin 50
3 Pin 50
controller 20
potentiometer 50
ESP 32 38 PIN MODULE With cable 10
Lunar micro lidar motor 10
Motor 60 RPM 30
Motor wheel 30
7 segment 20
plate 10
Crystal XTL 16 MHz 30
battery charger 5
7805 rectifier 50
8543 IC 50
IC Base 30
LED 8541 100
Transistor 8543 40
Relay 8538 50
LDR 8543 50
MOLEX 8538 50
MOLEX 8538 50
Microcontroller 8532 20
potentiometer 8542 50
ESP 32 5841 10
TF Luna micro lidar 90139090 10
BO Motor 8501 30
wheel 8541 30
Seven segment 8532 20
I2EO PLATE 8542 10
Crystal 8543 30
battery charger 550 single cell 5
GPIO 8534 5
DC Fan 2
LM2596 Module 8538 5
Audio jack
Battery holder 25
battery switch toggle 50

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Alexa eco dot Vth generation
IO Development board 15
MQ6 Sensor 11
ESP-32 21
Raspberry pi Sensor Hut 7
PTP Link AC Dual band wifi router 3
Soil moisture HSN 8542 15
Ultrasonic sensor 15
MOTOR DRIVER MODULE L298N 6
T-Module 11
Servo motor 15
IR Sensor 60
Bluetooth HC-05 10
Raspberry pi 44 GB 7
Picase red/white 3923 7
32 GB Micro sd card 7
P14 Cable adaptor 7
GY 906 MLX90614 ESF Module RP 14 8 Megapixel CAM Module
USB Micro cable 21
Relay module 5V 12 Ch 21
MPU 6050 HSN 8542 21
Diode MOC 7811 Laser
Ethernet module DHT 21
Sensor kit
Raspberry pi3Bt
Stepper motor 2
DC Motor 17
HSS Saw blade 6
Drill bead holder
N20 Gear motor 3
chasis 12
Reflective optical sensor 9
Battery 7.4 V
Robotic kit
servo motor 2
gray robotic sensor
medium size tyre 6
small tyre 4
V Robotics sensor 4
antenna 2.4 GHz nuts and bolts
DC Fan 35
Track belt 5
motor driver 08

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Robot wheels big 4
robot wheels 4
lightweight 2 axis brushless gimbal 2
bluedart road
orange hd propeller 10*4.5 2
5010 750 kv high torque brushless motor for drone 2
Emax MT2213 935 KV Brushless DC Motor for drone 8
Run cam eagle night vision camera 2
5500 fiber quadcopter drone frame kit 2
APEX DC HD 5" FPV Frame kit 2
Orange 14.8V 3300 Mah Lithium polymer battery pack 2
Planetery DC Geared motor 438 RPM 3
Smart drive MDDS30 30A 8
TS835 FPV 5.8G 600MW Wireless AV Transmitter
RD445 FPV Wireless 5.8 GHz Receiver
All purpose hot melt glue sticks 4
Nylon cable 150 mm 01
fly with ibus port
Nylon XT60 Connection male female 10
Brushless motor for FPV Racing drone 8
triblade flash propeller orange 4
transmitter with RPI Express 2.4 GHz
Drone flight controller 323 bit autopilot
orange 14.8V 3300 Mah Lithium polymer battery pack 4
USB Programmer
Sleave pre 5 mm battle with spray nozzle
wire with play connector
Transmitter and receiver 2.4 GHz channel FHSS System
Carbon Quad-copter frame x-Quad copter
motor pump DC 5-12 V
Solenoid valve 12 Volt
Adaptors (-12v,1A)
Ardiuno nano
K.K Multi board
Battery 11.1 volt 2200 Mah 2
Ballet connector 5 mm 4
Charger 80 Watt Li-ion
PVC Pipe length 2 metre
propeller 1045 3
DESOLDERING WIRE
BREAD BOARD
DRILL MACHINE
DIGITAL STORAGE OSCILLOSCOPE
DIGITAL MULTIMETER

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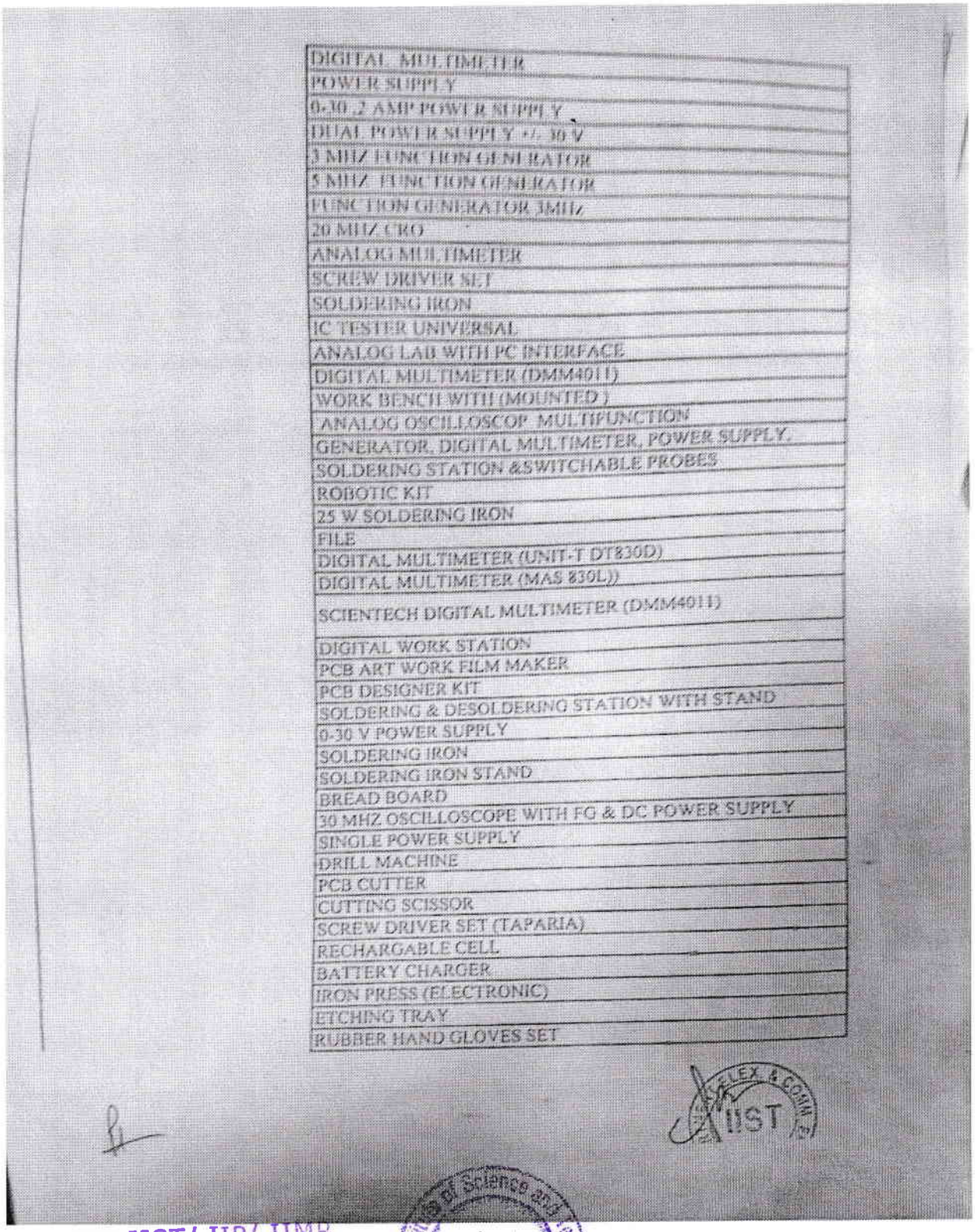

DIGITAL MULTIMETER
POWER SUPPLY
0-30 ,2 AMP POWER SUPPLY
DUAL POWER SUPPLY +/- 30 V
3 MHZ FUNCTION GENERATOR
5 MHZ FUNCTION GENERATOR
FUNCTION GENERATOR 3MHz
20 MHZ CRO
ANALOG MULTIMETER
SCREW DRIVER SET
SOLDERING IRON
IC TESTER UNIVERSAL
ANALOG LAB WITH PC INTERFACE
DIGITAL MULTIMETER (DMM4011)
WORK BENCH WITH (MOUNTED)
ANALOG OSCILLOSCOP MULTIFUNCTION
GENERATOR, DIGITAL MULTIMETER, POWER SUPPLY,
SOLDERING STATION &SWITCHABLE PROBES
ROBOTIC KIT
25 W SOLDERING IRON
FILE
DIGITAL MULTIMETER (UNIT-T DT830D)
DIGITAL MULTIMETER (MAS 830L))
SCIENTECH DIGITAL MULTIMETER (DMM4011)
DIGITAL WORK STATION
PCB ART WORK FILM MAKER
PCB DESIGNER KIT
SOLDERING & DESOLDERING STATION WITH STAND
0-30 V POWER SUPPLY
SOLDERING IRON
SOLDERING IRON STAND
BREAD BOARD
30 MHZ OSCILLOSCOPE WITH FG & DC POWER SUPPLY
SINGLE POWER SUPPLY
DRILL MACHINE
PCB CUTTER
CUTTING SCISSOR
SCREW DRIVER SET (TAPARIA)
RECHARGABLE CELL
BATTERY CHARGER
IRON PRESS (ELECTRONIC)
ETCHING TRAY
RUBBER HAND GLOVES SET

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NEPRON SET FOR ETCHING
IRON PRESS (ELECTRICAL)
SPRAY BOTTLE
PCB CUTTER
SCALE (STEEL)
BRUSH FOR PCB
INJECTOR FOR PCB
SAFETY EYE COVER GLASS
SOLDERING IRON WITH STAND
SOLDERING TIP
COMPONENT CUTTER
CUTTING SCISSOR
TWISTER
MAGNIFYING GLASS WITH LAMP
DESOLDERING PUMP
SCREW DRIVER SET
AMMETER AC (0-5A,10,20A)
AMMETER AC/DC (0-5A, 10, 20A)
AMMETER (0-2.5 / 0-5A)
AMMETER (0-2.5/00-5A)
AMMETER (0-30A)
DIGITAL AMMETER (0-300A)
AMMETER ANALOG (0-2A)
AMMETER (0-1A /2A)
AMMETER 0-5A DC)
AMMETER (0-5A AC)
AMMETER (0-1A AC)
DC SHUNT MOTOR 220V DC 1H.P.
DIGITAL TONG TESTER
DIGITAL MULTIMETER
3 PT. DC STARTER
3 PHASE AC D.O.L. STARTER 5H.P.
3 PHASE AC D.O.L. STARTER 3H.P.
DC RECTIFIER UNIT 415V AC / 220V DC 30A 6.6KVA
DC RECTIFIER UNIT 415V AC / 220V DC 15A
ELECTRIC BULB (200W)
ELECTRIC BULB (100W)
ELECTRIC BULB (25W)
FREQUENCY METER ANALOG (0-60HZ)
GENERATOR SET WITH 3 PHASE INDUCTION MOTOR
INDUCTION MOTOR 3 PHASE 5 HP
INDUCTION MOTOR 1 PHASE 2 HP
INDUCTION TESTER
MAIN SWITCH (ICTP) 32A, 415V

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BEEE Lab	MCB 2 POLE 20A
	MCB 2 POLE 16A
	MCB 2 POLE 32A
	MCB 4 POLE 32A
	ANALOG POWER FACTOR MT.
	PVC INSULATED CABLE 15 SQ. mm
	PVC INSULATED CABLE 10 SQ. mm sq.
	3 PIN TOP 6A
	POWER PLUG (240 V, 16A)
	RHEOSTATE (45 ohm -5A)
	RHEOSTATE (300 ohm -2A)
	ROTARY SELECTOR SWITCH
	RHEOSTATE (300 ohm -3A)
	RHEOSTATE (100 ohm -5A)
	RHEOSTATE (100 ohm -1.6A)
	DIGITAL TECHOMETER (CONTACT TYPE)
	DIGITAL TECHOMETER (NONCONTACT TYPE)
	TOOL KIT
	SOLDERING IRON KIT
	SERVO CONTROLED VOLTAGE STEPLIZER (2KVA)
	STABLIZER (4KVA)
	STEP DOWN TRANSFORMER (C-50% /86% 220V) 1KVA
	STEP DOWN TRANSFORMER (C-50% /86% /100% 220V)21KVA
	STEP DOWN TRANSFORMER (50% TAPINEING 230/115V)
	VOLTAGE STABLIZER
	VOLT METER
	VOLT METER
	DIGITAL VOLTMETER
	VOLT METER
	VOLT METER
	VOLT METER
	VOLT METER
	VARIC TRANSFORMER
	VARIC TRANSFORMER
	VARIC TRANSFORMER
	VARIC TRANSFORMER
	WATT METER
	WATT METER

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Licence Software Detail

S.No.	License Software	Category
1	Microsoft Cloud Campus +Office 365	Yearly Subscription
2	Windows11/ Windows 7 Base License	Base License
3	Windows 2022 Server – Standard 64 Bit	Base License
4	Microsoft Windows 2003 Enterprise/Standard	Base Subscription
5	Turbo C++	Perpetual
6	Code Bulder C++	Perpetual
7	Oracle 9i,10 G	Perpetual
8	Ansi C	Perpetual
9	SCO Unix	Perpetual
10	Xiline 12.1	Perpetual
11	Modelsim (3.5)	Perpetual
12	MATLAB 2024	Perpetual
13	CADFEKO	Perpetual
14	Tina Pro	Perpetual
15	Orell Language Lab Software	Perpetual
16	ETNL Language Lab Software	Perpetual
17	NX6	Perpetual
18	Solid Edge	Perpetual
19	Solid Works	Perpetual
20	Ansys 12.1	Perpetual
21	CHEMCAD	Perpetual
22	ETab	Perpetual
23	Staad Pro	Perpetual
24	Tableau	Open Source
25	Ubuntu 22.0	Open Source
26	Proteus	Perpetual
27	Microwind 25	Perpetual
28	Python	Open Source
29	R-Studio	Open Source
30	Repid Minor	Open Source

System Administrator

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List of lab equipment and computing facilities of Mechanical Engineering Department

DEPARTMENT OF MECHANICAL ENGG
List of Equipment- Lab wise

Name of Lab	Equipment/machines
Theory of machines lab	Simple Bearings
	Bush Bearings
	Open Truck Bearings
	Plumber Block Bearings
	Foot step Bearings
	Ball Bearings
	Roller Bearings
	Taper Bearings
	Thrust Bearings
	Cam& follower
	Single Stage Spur Gear
	Two Stage Spur Gear
	Single Stage Spur Gear With intermediate
	Three Stage Spur Gear
	Single Stage Bevel Gear
	Single Stage Helicar Gear
	Single Stage Spiral Gear
	Pantograph Apparalus
	Coriollis component of accedaration App.
	Kinamatic Pairs
	Warm Gear
	Train of Gear Wheel simple
	Train of Gear Wheel Compound
	Epicycle Gear
	Epicycle Gear Sun & planat Tpye
	Link Mechanism Four Bar
	Resiprocating Engine Mechanism
	Oscillating Cylinder Mechanism
	Slider Crank Mechanism
	Model of Band Brake
	Model of Band & Block Brake
	Model of Internally Expanding Brake
	Four Stroke four Cylinder Petrol Engine Test rig
	Four Stroke Single Cylinder Diesel Engine Test rig
	Working Model of Hydraulic Brake
	Working Model of Differential gear assambly
	Model of Single Cylinder Two stroke engine Petrol
	Working Model of Constant mesh Gear Box
	Working Model of Syncronised Gear Box
	Model of Single Cylinder Diesel Engine

DEPARTMENT OF MECHANICAL ENGG IIST

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I.C Engine /Automobile Engg.	Model of S.U. Carburattor
	Model of Solex Carburattor
	Model of diesel Engine Fuel Pump
	Model of Mechanical Fuel Pump
	Bike Chassis
	Scooty Chassis
	Discover Engine
	Stunner Engine
	Activa Engine
	Hero Honda
	Electrical Fuel Pump
T E G D	Model of Surface Condenser
	Model of Evaporative Condenser
	Model of Counter Flow Jet Condenser
	Model of Parallel Flow Jet Condenser
	DUI Two stage Twin Cylinder Reciprocating
	Air Compreasor Test Rig
Sterngth of Meterial	Universal Testing M/c
	Hardness Testing M/c
	Impact Testing M/c
	Polising M/c
	Microscope
	Brinell Microscope
Dynamics of M/c	Cam analysis Appratus
	Universal governer App.
	Motorised Gyroscop App.
	static & Dynamic Balancing App.
Basic Mechanical Engg	MODEL OF FOUR STROKE PETROL ENGINE
	MODEL OF TWO STROKE PETROL ENGINE
	MODEL OF TWO STROKE DIESEL ENGINE
	MODEL OF LANCASHIRE BOILER
	MODEL OF LOCOMOTIVE BOILER
	MODEL OF COCHRAN BOILER
	MODEL OF BABCOCK AND WILCOX BOILER
	MODEL OF SIMPLE VERTICAL BOILER
	MODEL OF FEED CHECK VALVE
	MODEL OF HIGH STEAM LOW WATER SAFETY VALVE
	MODEL OF SPRING LOADED SAFETY VALVE
	MODEL OF DEAD WEIGHT SAFETY VALVE
	MODEL OF LEVER SAFETY VALVE
	MODEL OF SUPER HEATER
	MODEL OF SIMPLE STEAM ENGINE
	MODEL OF SIMPLE STEAM ENGINE WITH BOILER
	MODEL OF EXPANSION STEAM TRAP
	MODEL OF WATER GAUGE
	MODEL OF PRESSURE GAUGE

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	MODEL OF ANTIPRIMING PIPE
	MODEL OF SIMPLE STEAM ENGINE WITH Ball Float steam trap
	BOILER AND ELECTRICITY GENERATOR
	MODEL OF FUSIBLE PLUG
	MODEL OF GREEN ECONOMIZER
	MODEL OF BLOW OFF COCK
	MODEL OF STEAM INJECTOR
	MODEL OF STEAM STOP VALVE
LAB: - FLUID MECHANICS	METACENTRIC HEIGHT OF SHIP MODEL APPARATUS
	BERNOULLI'S THEOREM APPARATUS
	VENTURIMETER AND ORIFICE METER APPARATUS
	FLOW THROUGH ORIFICE AND MOUTHPIECE APPARATUS
	PIPE FITTING APPARATUS
	PIPE FRICTION APPARATUS
	FLOW THROUGH NOTCHES APPARATUS
	REYNOLDS APPARATUS
LAB: - Turbo. Machines	PELTON WHEEL TURBINE TEST RIG
	KAPLAN TURBINE TEST RIG
	CENTRIFUGAL PUMP TEST RIG
	RECIPROCATING PUMP TEST RIG
	ROTARY COMPRESSOR TEST RIG
	2-STAGE 2-CYLINDER RECIPROCATING COMP. TEST RIG
	MODEL OF REACTION TURBINE
	MODEL OF STEAM TURBINE
	MODEL OF IMPULSES TURBINE
LAB: - COMPUTER INTEGRATED MANUFACTURING	XL MILL CNC BENCH MILLING MACHINE WITH STANDARD AUTOMATIC TOOL CHANGER (6 STATION)
LAB: - REFRIGERATION & AIR CONDITIONING	VAPOUR ABSORBTION TRAINER
	VAPOUR COMPRESSION REFRIGERATION TEST RIG.
LAB: - HEAT & MASS TRANSFER	HEAT TRANSFER IN NATURAL CONVECTION
	THERMAL CONDUCTIVITY OF COMPOSITE WALL
	EMMISSIVITY MEASURMENT APPARATUS
	PARALLEL & COUNTER FLOW HEAT EXCHANGER
	SEPARATING &THROTTLING CALORIMETER WITH BOILER
	FORCED CONVECTION APPARATUS
	SHELL & TUBE HEAT EXCHANGER
CAE	SOLIDWORKS 30 USER
	ANSYS 25 USER
Vibration Lab	Whirling of Shaft App.
	UNIVERSAL APPRATUS
	welding transformer ac [illegible],tig welding,gas welding, welding

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WORKSHOP -1	fitting table, bench vice pipe vice, leg vice,try square, centre punch,
	lathe machine, job drawing, 3 jaw chuck, center drill, single point cutting
WORKSHOP -2	pattern (wooden, metals, plastics, rubbers, waxes)
	furnace open and cose, anvil , swage block, ring, leg vice, sladge
	messuring marking and cutting tools, steel rule,folding rule,inch tap,try

DEPARTMENT MECHANICAL ENGG. IIST

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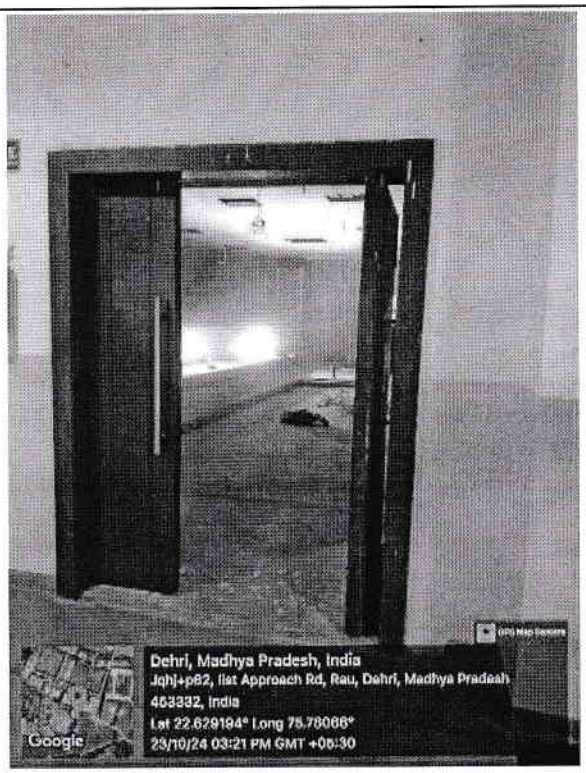
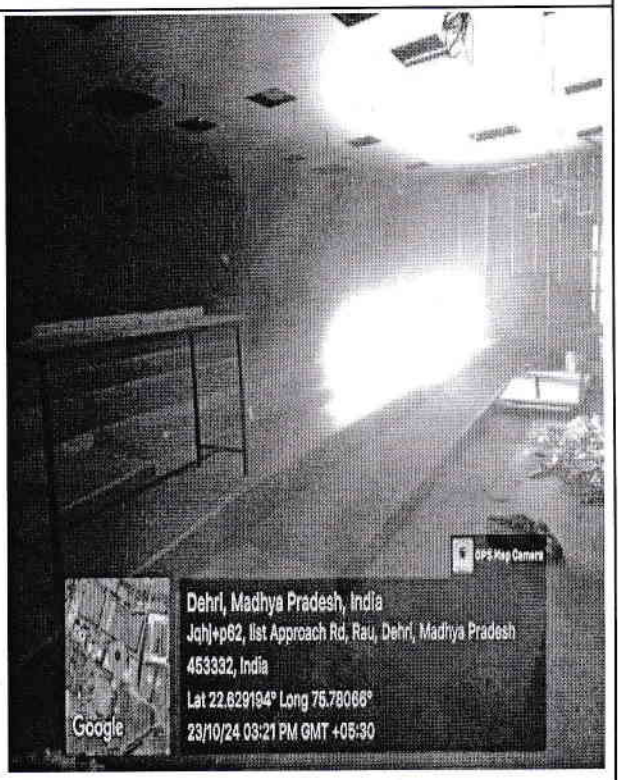
Facilities Available for Academic Activities

Auditorium-I



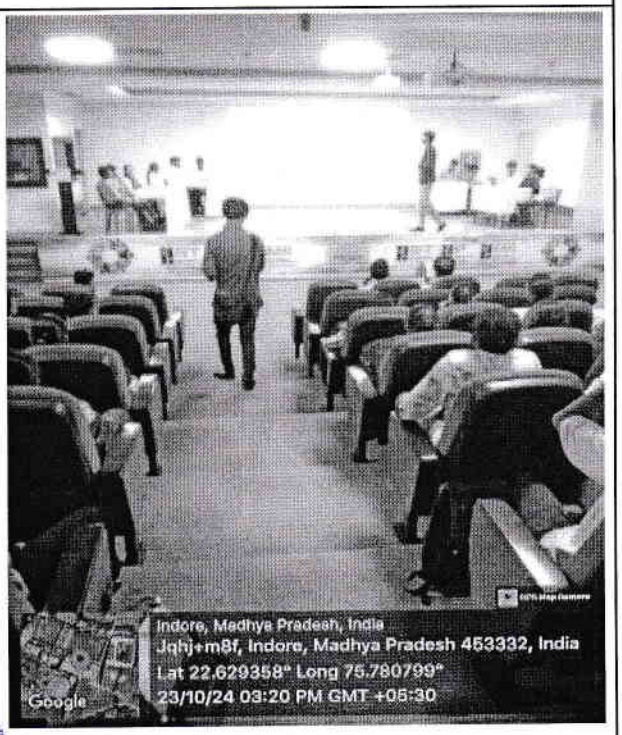
Outer View



Inner View

Auditorium-II

Outer View



Inner View

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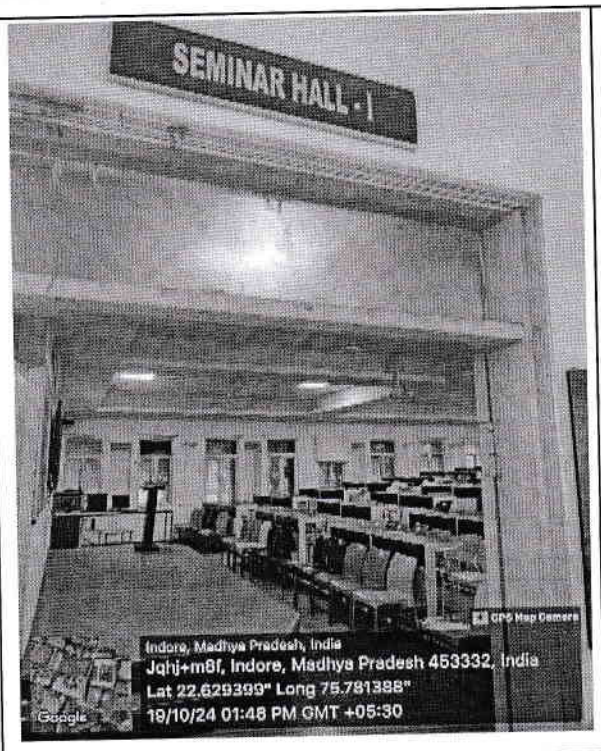
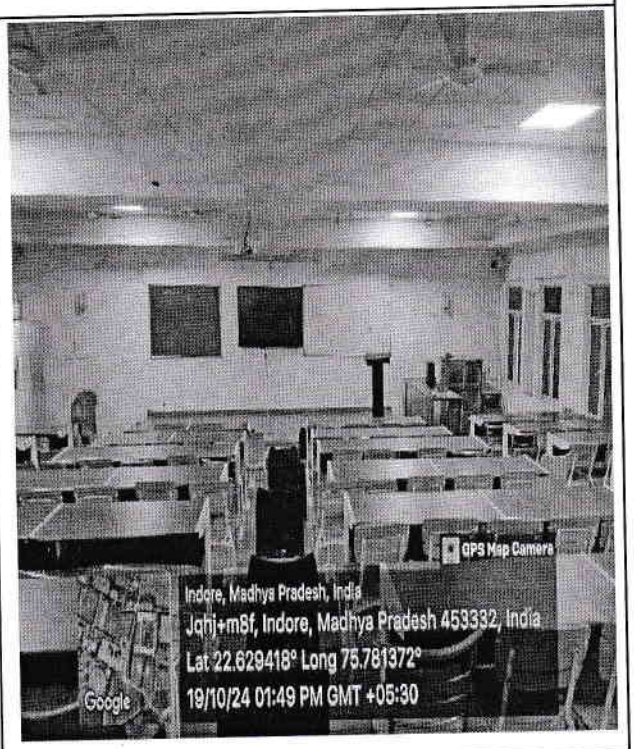
Seminar Hall-I

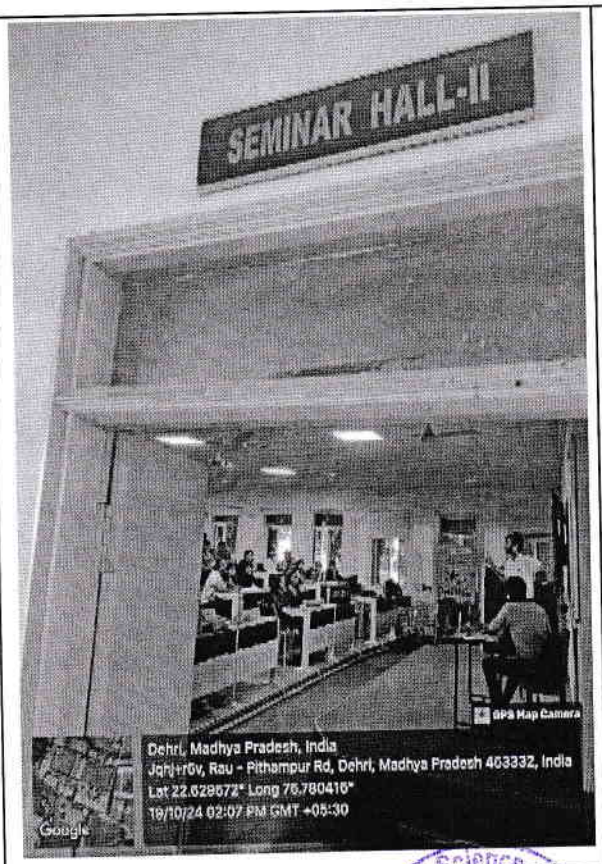


Outer View

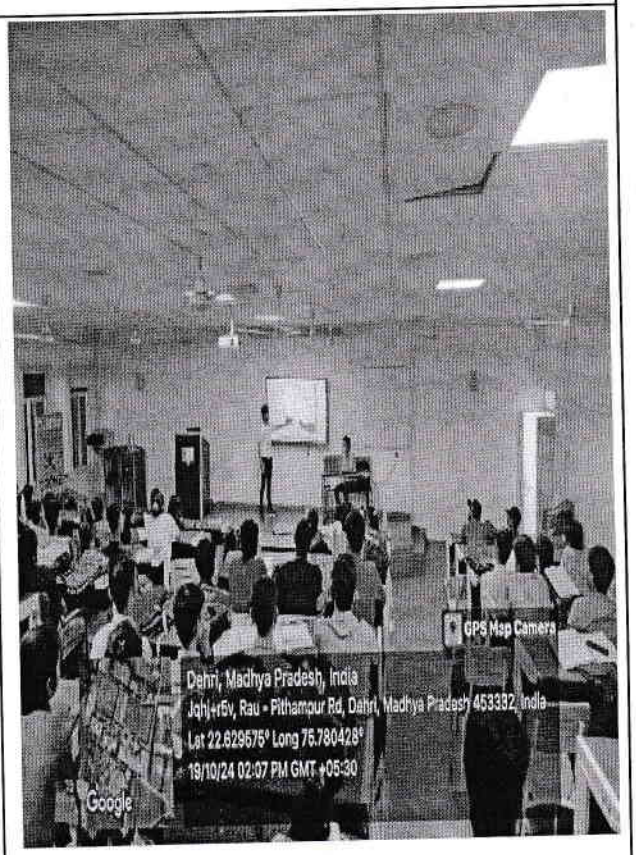


Inner View

Seminar Hall-II



Outer View



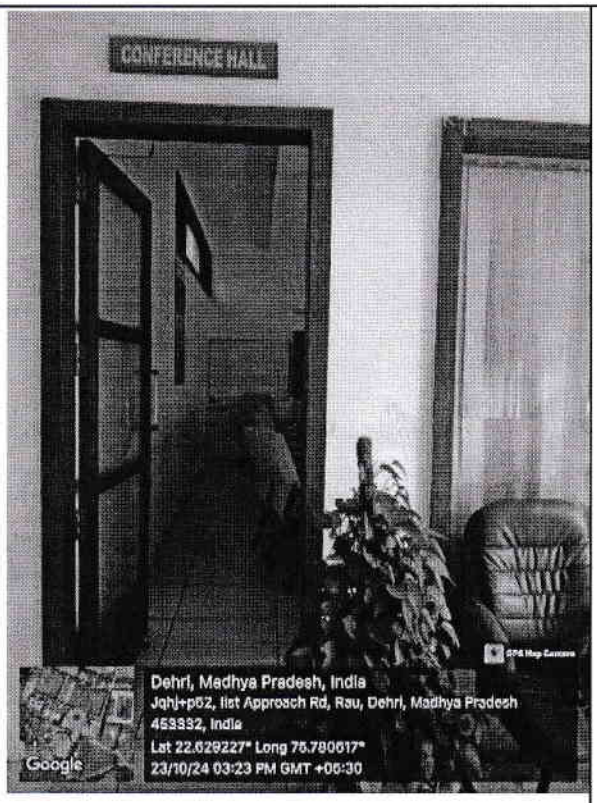
Inner View

For IIST/ IIP/ IIMR
Chief Administrative Officer

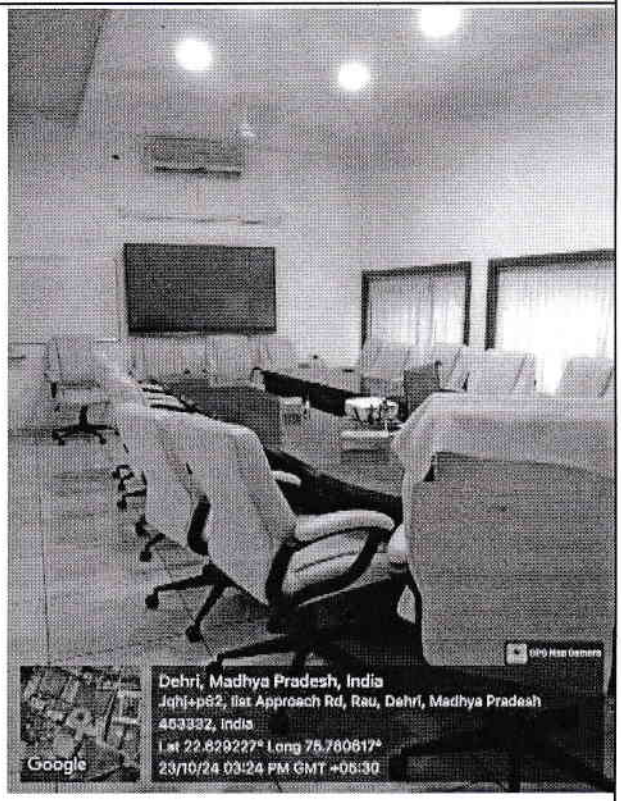
IQAC

Principal
Indore Institute of Science

Conference Hall-I

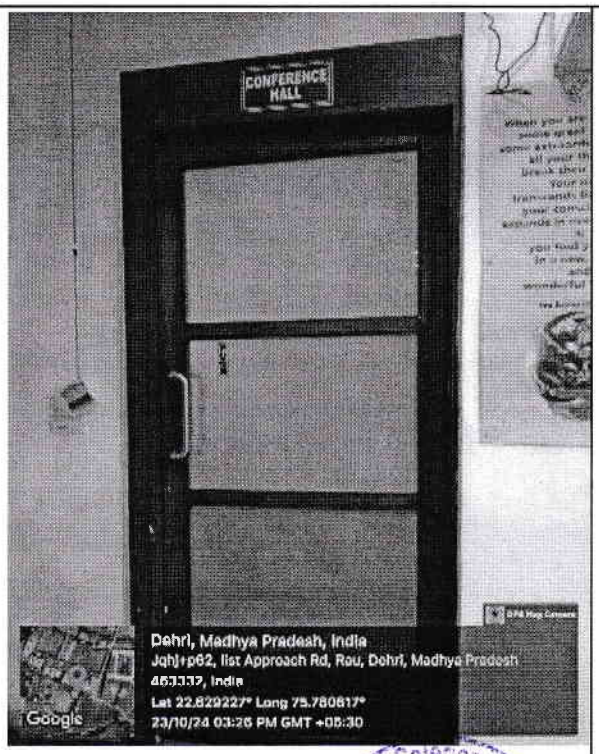


Outer View

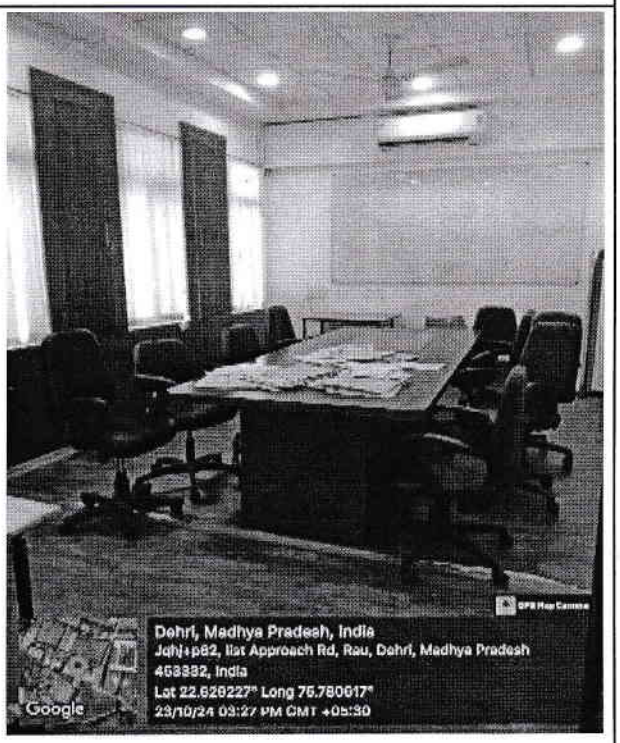


Inner View

Conference Hall-II



Outer View



Inner View

For IIST/ IIP/ IIMR
Chief Administrative Officer

IQAC
Indore Institute of Science and Technology
INDORE

Principal
Indore Institute of Science and Technology, Indore