Indore Institute of Pharmacy

Additional Data Index

7.1.3 Quality audits on environment and energy regularly undertaken by the institution .

The institutional environment and energy initiatives are confirmed through the following.

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2. Energy audit

3. Clean and green campus initiatives

4. Beyound the campus environment promotion activities

INDORE INSTITUT OF PHARMACY IIP IIP

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Empirical Exergy Private Limited

Registered Office: 18-E, Sudama Nagar, Indore -452009
Office (Indore): Flat No. 201, Om Apartment, 214 Indrapuri, Indore (M.P.),
Contact: +91-731-4948831, Mobile: +91-78693-27256, 88713-68108
www.eeplgroups.com, email:-eempirical18@gmail.com
CIN No: U74999MP2018PTC045751

Ref No: EEPL/2021-22/C106 **Date: - 01-06-2022**

GREEN AUDIT CERTIFICATE

This is certified that Empirical Exergy Private Limited (EEPL) Indore M.P. has conducted green audit at **Indore Institute of Pharmacy Indore (M.P)** for the academic Year 2020-21 and audit report has been submitted.

We avail this opportunity to express our deep and sincere gratitude to the management for their wholehearted support and co-operations during the green audit.

This certificate is being issued on the basis of the Green Audit conducted by EEPL.

For- **Empirical Exergy Private Limited**

EMPIRICAL EXERGY PRIVATE LIMITED INDORE (M.P.)

Rajesh Kumar Singadiya (Director)

M.Tech (Energy Management), PhD (Research Scholar)
Accredited Energy Auditor [AEA-0284]
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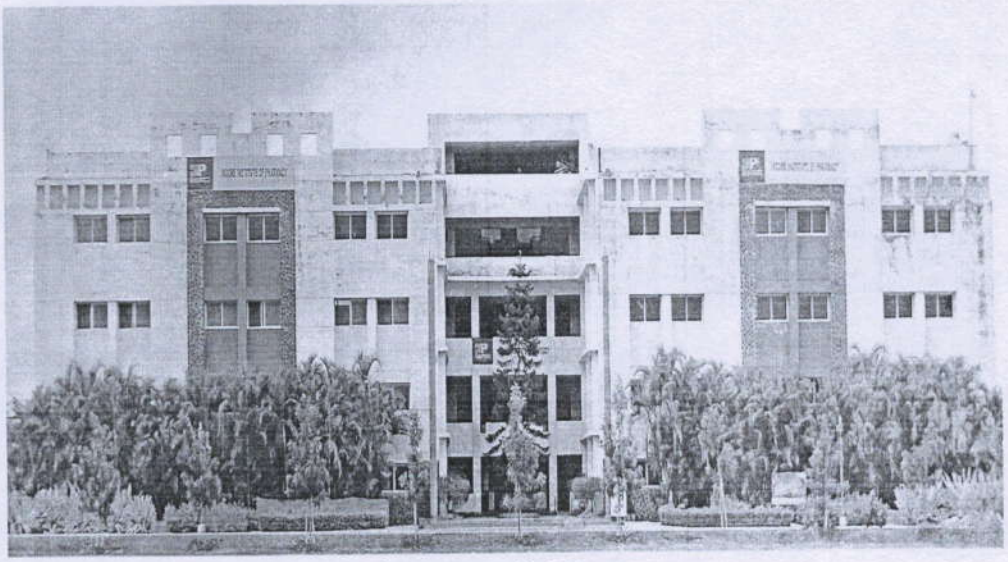
INDORE INSTITUT OF PHARMACY IIP

GREEN AUDIT REPORT

CONSULTATION REPORT



Indore Institute of Pharmacy, Indore, M.P

Rau - Pithampur Rd, Opposite Indian Institute of Management, Rau, Indore, Madhya Pradesh 453331

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INDORE INSTITUT OF PHARMACY IIP IIP

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INDORE INSTITUT OF PHARMACY IIP IIP

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EXECUTIVE SUMMARY

Green Initiative Taken by College

- **CAMPAIGN OF PLANTATION AND GREEN CAMPUS:**

  College has around **625** trees in the campus. It's a good initiative taken by management for green campus under the campaign of plantation. **It's APPRECIABLE.**

- **VERMI COMPOST: -**

  College has installed 04 Nos of Vermi compost pit for all type of agriculture waste in college premises. **It's APPRECIABLE.**

- **RENEWABLE ENERGY: -**

  05 KWp Solar roof top system project under implementation stage.

RECOMMENDATION: -

- **ADOPT 05 DUST BIN SYSTEM: -**

  It is highly recommended to adopt 05 dust bin system in college premises. At present college has single dust bin system.

- **INSTALL ORGANIC CONVERTER: -**

  There is good potential to install organic converter in hostels for kitchen and vegetable organic waste.

INDORE INSTITUT OF PHARMACY IIP IIP

CHAPTER-1
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- Canteen

INDORE INSTITUT OF PHARMACY IIP IIP

1.2 About College Campus:

The College is spread over 21385- Square meter with plenty of open space and sports area interspersed within academic buildings. The details of various department and building are given below:

Table1.1 Name of the various Building in College

SHAIL EDUCATION & WELFARE SOCIETY, INDORE								
Area Calculation of Shail Campus								
Sr. No.	Building Name	Building Area (Sq.)					Total Area (Sq.)	Floor Height "Ft."
		Basement	G.F.	F.F.	S.F.	T.F.		
1	IIP-Building	-	1416.21	1416.21	1416.21	1416.21	5664.84	11'6"
2	Workshop- 02 No.	-	723.53	-	-	-	723.53	16'6"
3	Canteen	-	699.47	699.47	-	-	1398.94	14'00"
4	Recreation hall "First Floor"	-	583.25	-	-	-	583.25	14'00"
5	Guest House	-	203.64	149.30	-	-	352.94	11'00"
6	Boy's Hostel	-	510.60	500.28	500.28	500.28	2011.44	10'6"
7	Girl's Hostel	-	363.62	363.62	363.62	363.62	1454.48	10'6"
8	Staff Quarter's	-	310.20	302.59	302.59	302.59	1217.97	11'6"
9	Lecture Hall Building	-	1300.64	1300.64	1300.64	1300.64	5202.56	13'00"
10	Sports Complex	1068.38	1244.90	882.58	-	-	3195.86	13'00"
11	Generator Room	-	170.11	-	-	-	170.11	15'00"
Total Building Area		**1068.38**	**7526.17**	**5361**	**3715**	**3715**	**21385.6**	

INDORE INSTITUT OF PHARMACY IIP IIP

COLLEGE BUILDINGS LAYOUT

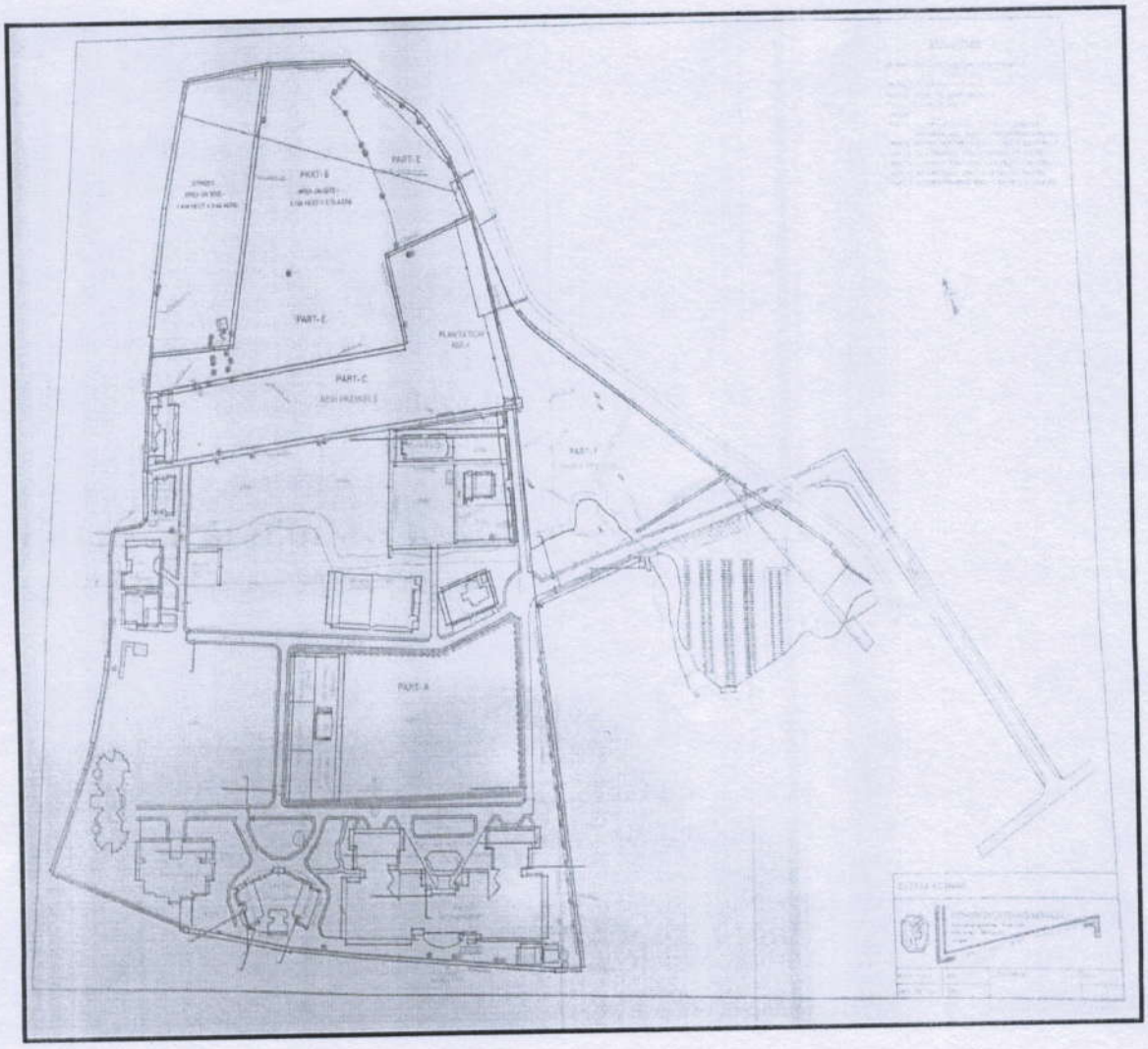
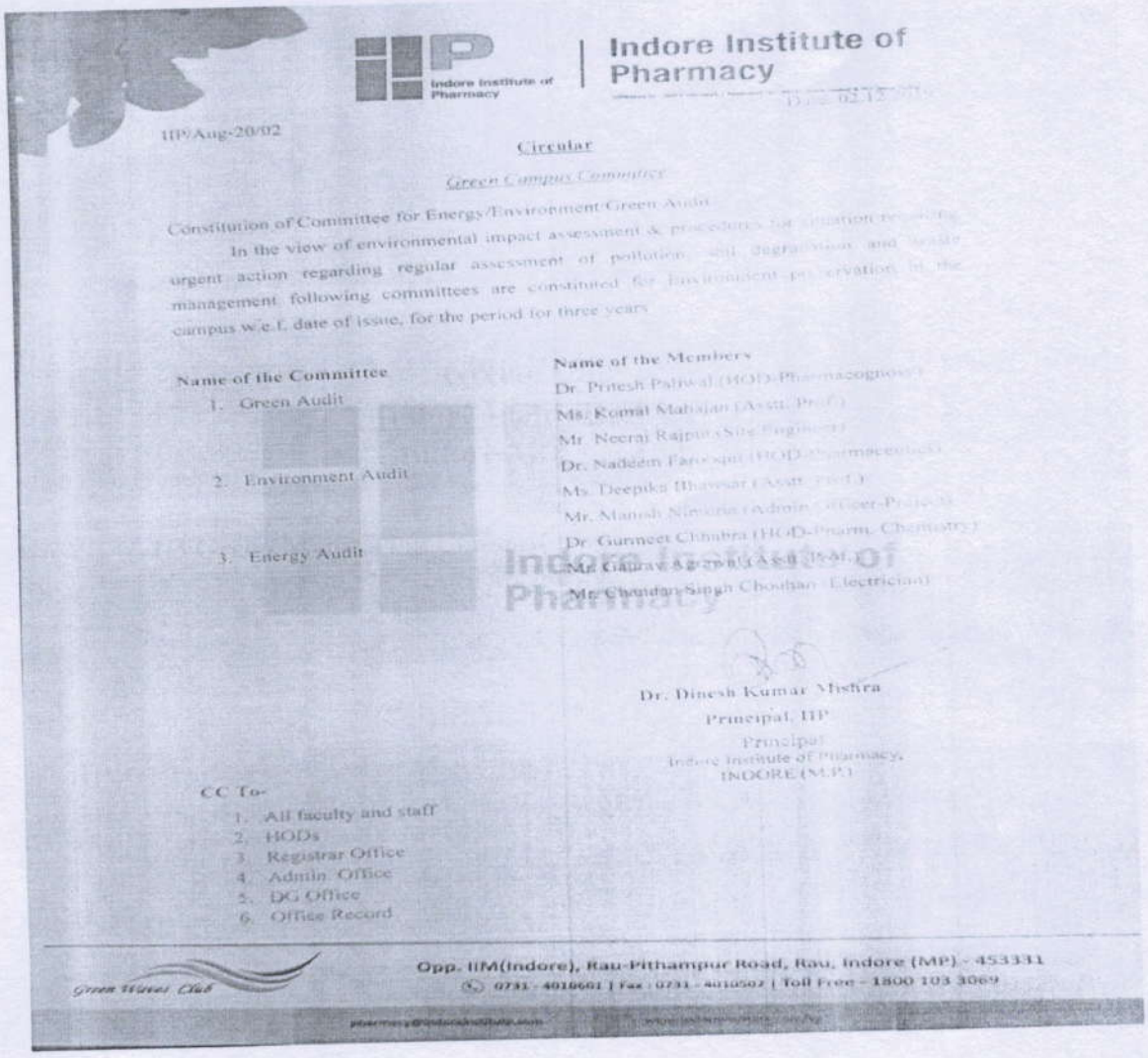


Figure 1.1:- Layout map of college

INDORE INSTITUT OF PHARMACY IIP IIP

1.3 Green Monitoring Committee



Indore Institute of Pharmacy

IIP/Aug-20/02

Circular

Green Campus Committee

Constitution of Committee for Energy/Environment/Green Audit

In the view of environmental impact assessment & procedures for mitigation regarding urgent action regarding regular assessment of pollution, soil degradation and waste management following committees are constituted for environment preservation in the campus w.e.f. date of issue, for the period for three years

Name of the Committee	Name of the Members
1. Green Audit	Dr. Pritesh Paliwal (HOD-Pharmacognosy)
	Ms. Komal Mahajan (Assst. Prof.)
	Mr. Neeraj Rajput (Site Engineer)
2. Environment Audit	Dr. Nadeem Faroqui (HOD-Pharmaceutics)
	Ms. Deepika Bhawsar (Assst. Prof.)
	Mr. Manish Nimoria (Admin Officer-Pharm)
3. Energy Audit	Dr. Gurmeet Chhabra (HOD-Pharm. Chemistry)
	Mr. Gaurav Sharma (Asst. Prof.)
	Mr. Chandan Singh Chouhan (Electrician)

Dr. Dinesh Kumar Mishra
Principal, IIP
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

CC To-
1. All faculty and staff
2. HODs
3. Registrar Office
4. Admin Office
5. DG Office
6. Office Record

Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore (MP) - 453331
0731 - 4018601 | Fax : 0731 - 4018502 | Toll Free - 1800 103 3069

1. 4 The Audit Team

The study team constituted of the following senior technical executives from **Empirical Exergy Private Limited,**

- **Mr. Rakesh Pathak**, [Director]
- **Dr. Suresh Soni** [Reviewer]
- **Mrs. Laxmi Raikwar Singadiya** [Energy Engineer]
- **Mr. Sachin Kumawat** [Project Engineer]
- **Mr. Ajay Nahra** [Site Engineer]

INDORE INSTITUT OF PHARMACY IIP IIP

1.5 About Green Auditing

Eco campus is concepts implemented in many educational institutions, all over the worldto make them sustainable because of their mass resource utilization and waste discharge in to the environment.

Green audit means to identify opportunities to sustainable development practices, enhance environmental quality, improve health, hygiene and safety, reduce liabilities achieve values of virtue. Green audit also provides a basis for calculating the economic benefits of resource conservation projects by establishing the current rates of resource use and their associated costs.

Green auditing of enables to assess the life style, action and its impact on the environment. This green audit was mainly focused on greening indicators like utilisation of green energy (solar energy) and optimum use of secondary energy sources (petrol and diesel) in the College campus, vegetation, and carbon foot print of the campus etc. The aim of green auditing is to help the institution to apply sustainable development practices and to set examples before the community and young learners.

1.6 Objectives of Green Auditing

The general objective of green audit is to prepare a baseline report on "Biodiversity" and alternative energy sources (solar energy), measures to mitigate resource wastage and improve sustainable practices.

The specific objectives are:

- To suggest measures to make the College campus biodiversity rich
- To demarcate areas within the institute campus which have potential for restoration of biodiversity
- To make recommendations for the conservation, protection and rejuvenation of the natural vegetation and animal life by involving students and faculty members
- To inculcate values of sustainable development practices through green audit mechanism.
- Providing a database for corrective actions and future plans.
- To identify the gap areas and suggest recommendations to improve the green campus status of the University.

INDORE INSTITUT OF PHARMACY IIP IIP

CHAPTER- 2
GREEN CAMPUS

2.1 Green Audit

In the survey, focus has been given on assessment of present status of diversity in form of plants, in college campus and efforts made by the College authorities for nature conservation. Campus is located in the vicinity of approximately more than 530 trees/ medicinal herbs/ ornamental plants. The detail is given below:

Fig.2.1 Green Campus of IIP College

INDORE INSTITUT OF PHARMACY IIP IIP

2.2 Tree Details in College Premises

Sr. no	Name of the tree (Local Language)	Botanical Name	Quantity
1	Neem	Azadirachta Indica	16
2	Meetha Neem	Murraya koenigii	6
3	Neem Chhote	Azadirachta Indica	6
4	Jngali Imli	Tamarindus indica	4
5	Babool	Acacia arabica	4
6	Jamun	Syzugium cumini	11
7	Kenudola	Calendula officinalis	7
8	jiniyam Haij	Syzygium cumini	4
9	Khajura	Phoenix dactylifera	6
10	Pantaferm	Peltophorm pterocarpum	5
11	kirni	Manilkara hexandra	3
12	kela	Musa acuminata	2
13	Aam	Mangifera indica	15
14	Pipal	Ficus religiosa	6
15	Bargad	Ficus benghalensis	1
16	Arjun	Terminlia arjuna	16
17	Anjeer	Ficus carica	6
18	Falsa	Grewia asiatica	4
19	Shirish	Albizia lebbeck	2
20	Lal Chandan	Pterocarpus santalinus	2
21	Ashok	Saraca indica	3
22	Amaltas	Cassia fistula	2
23	sirsha	Albizia lebbeck	1
24	morsali	Mimusops alengi	2
25	kanak champa	Pterospermum acerifolium	2
26	Paras Pipal	Thespasia populina	1
27	Bajradanti	Barleria prionitis	2
28	Shami	Prosopis cineraria	1
29	Khirni	Manilkara hexandra	2
30	Ashvagandha	Withania somnifera	1
31	Dalchini	Cinnamomum verum	1
32	Chitrak	Plumbago zeylanica	1
33	Adusa	Adhatoda vasica	1
34	Shatawari	Asparagus racemosus	1
35	Guggul	Commiphera weightii	1

INDORE INSTITUT OF PHARMACY IIP IIP

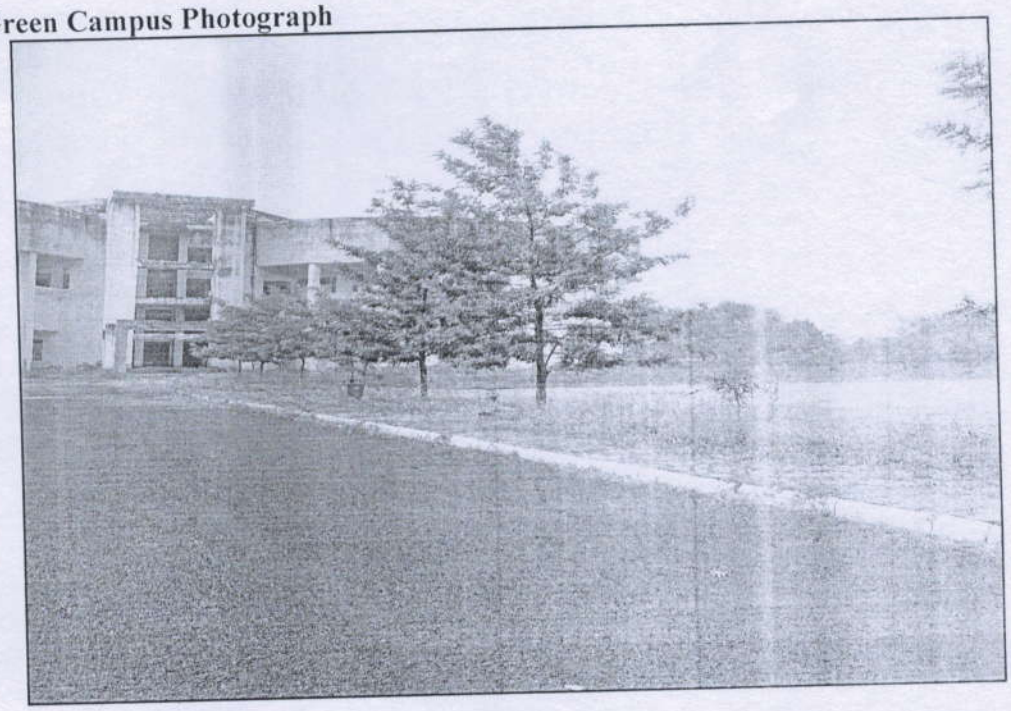
36	Van Adrak	Zingiber capitatum	1
37	Kabab Chini	Piper cubeba	1
38	Elaychi	Elattaria cardomum	1
39	Lemon Grass	Cymbopogan flexous	1
40	Shikakai	Acacia concina	2
41	Kathal	Artocarpus heterophyllus	1
42	Nandi	Ficua benjamina	1
43	Amrud	Psidium guajava	8
44	Ratan Jot	Jatropha curcas	1
45	Sindur	Bixa orellana	1
46	Raat Rani	Cestrum nocturnum	1
47	Harjor	Cissus quadrangularis	1
48	Ritha	Sapindus mukorossi	2
49	Long	Syzigium aromaticum	1
50	Sahtut	Morus alba	2
51	Kadam	Neolamarckia cadamba	9
52	Surjana	Moringa oleifera	8
53	Champa	Plumeria pudica	10
54	Nimbu Chhota	Citrus limon	1
55	Nimbu Bada	Citrus medica	12
56	Aam Chhota	Mangifera indica	3
57	Aam Bade	Mangifera indica	9
58	Chiku	Achras sapota	5
59	Kachnar	Bauhinia variegata	9
60	Kachnar Chhote	Bauhinia variegata	2
61	Sitafal	Annona squamosa	16
62	Mosambi	Citrus limetta	11
63	Kaner	Nerium indicum	24
64	Gulnar	Delonix regia	10
65	Pelta Paam	Peltophorm pterocarpum	14
66	Bakan	Melia azadirach	1
67	Gulmohar	Delonix regia	12
68	Gular	Ficus racemosa	13
69	Ficus	Ficus benjamina	6
70	Gond	Anogeissus latifolia	2
71	SilverRose	Rosa domestica	23
72	Papita	Carica papya	14
73	Bottal Paam	Hyophorbe lagenicaulis	35
74	Harsingar	Nyctanthes arbor-tristis	1

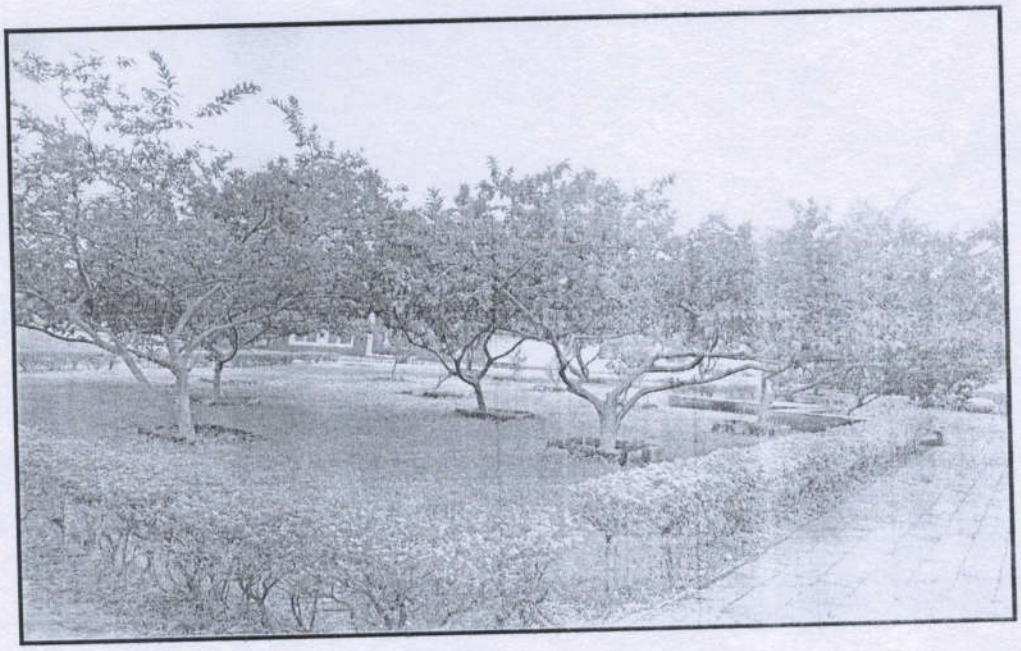
INDORE INSTITUT OF PHARMACY IIP IIP

75	X Mass Tree	Araucaria heterophylla	1
76	Dudhiya Mogra	Jasminum sambac	9
77	Chandni	Tabernaemontana divaricata	5
78	Kena ret	Canna indica	8
79	Baans	Bambusa vulgaris	1
80	Calendula	Calendula officinalis	16
81	Saikas	Cycas revoluta	15
82	Amla	Phyllanthus emblica	27
83	Shisham	Delbargia sissoo	9
84	Badam	Prunus dulcis	6
85	Karonda	Carissa carandas	9
	Total trees		530

INDORE INSTITUT OF PHARMACY IIP IIP

2.3 Green Campus Photograph





College has **530 trees** in the campus. This is good initiative taken by management for green campus under the campaign of plantation. **It's APPRECIABLE.**

INDORE INSTITUT OF PHARMACY

CHAPTER- 3
WASTE MANAGEMENT

3.1 About Waste:

Human activities create waste, and it is the way these wastes are handled, stored, collected and disposed of, which can pose risks to the environment and to public health Waste management is important for an eco-friendly campus. In College different types of wastes are generated, its collection and management are very challenging.

Solid waste can be divided into three categories: bio-degradable, non-biodegradable and hazardous waste. A bio-degradable waste includes food wastes, canteen waste, wastes from toilets etc. Non-biodegradable wastes include what is usually thrown away in homes and schools such as plastic, tins and glass bottles etc. Hazardous waste is waste that is likely to be a threat to health or the environment like cleaning chemicals, acids and petrol.

Unscientific management of these wastes such as dumping in pits or burning them may cause harmful discharge of contaminants into soil and water supplies, and produce greenhouse gases contributing to global climate change respectively. Special attention should be given to the handling and management of hazardous waste generated in the University. Bio-degradable waste can be effectively utilized for energy generation purposes through anaerobic digestion or can be converted to fertilizer by composting technology. Non-biodegradable waste can be utilized through recycling and reuse. Thus the minimization of solid waste is essential to a sustainable University. The auditor diagnoses the prevailing waste disposal policies and suggests the best way to combat the problems.

Table 3.1 Different types of waste generated in the College Campus

Sr. No.	Types of Waste	Particulars
1	Solid wastes	Damaged furniture, paper waste, paper plates, food wastes etc
2	Plastic waste	Pen, Refill, Plastic water bottles and other plastic containers, wrappers etc
3	E-Waste	Computers, electrical and electronic parts etc
4	Glass waste	Broken glass wares from the labs etc
5	Chemical wastes	Laboratory waste etc
6	Bio-medical Waste	Sanitary Napkin etc

INDORE INSTITUT OF PHARMACY IIP IIP

3.2 Waste management Practices adopted by the College.

College is implemented **"Two dust Bin"** waste collection system. All kind of waste generated from various activity is collected.

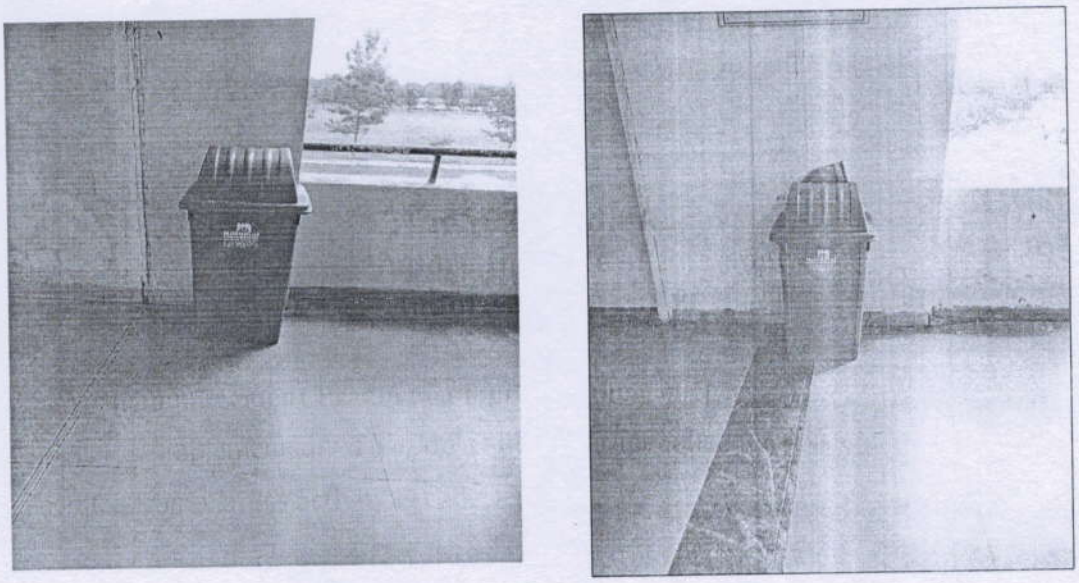


Figure 3.1: - Waste collection bin in College Premises

Recommendation:

It is recommended adopted 5 Bin Waste Collection System for collect different type of waste generated in college premises.

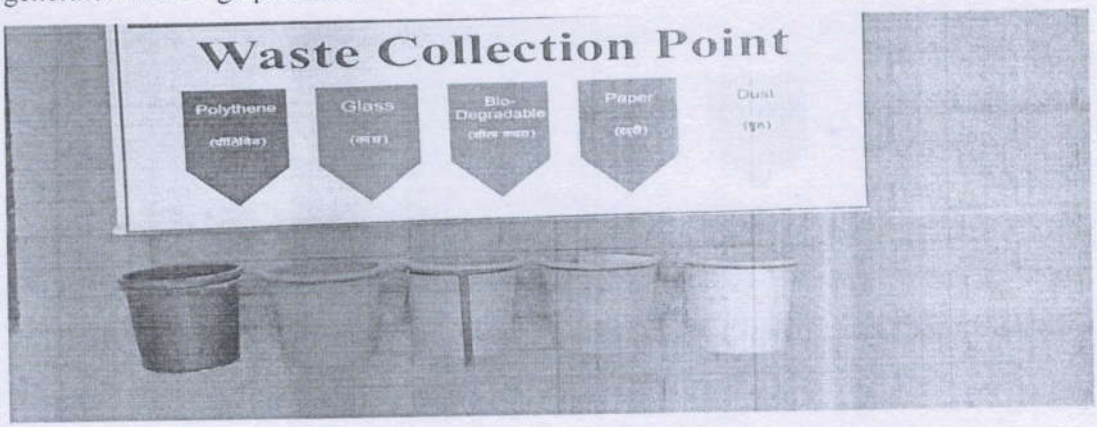


Figure :- 3.2 Recommended 5 Dust Bin waste collection System

INDORE INSTITUT OF PHARMACY IIP IIP

3.3 Waste Collection Points:

Audit team also visited various departments, canteen, and residential area, to find out waste generation area and waste collection points for further improvement. Details are given in the table 3.2.

Table: 3.2 Detailed of Waste collection Dust bin system

Sr. No	Color Coadding	No of Bust Bin
1	Green	6
2	Yellow	6
3	Red	6
	Total	**18**

INDORE INSTITUT OF PHARMACY IIP IIP

GREEN AUDIT REPORT

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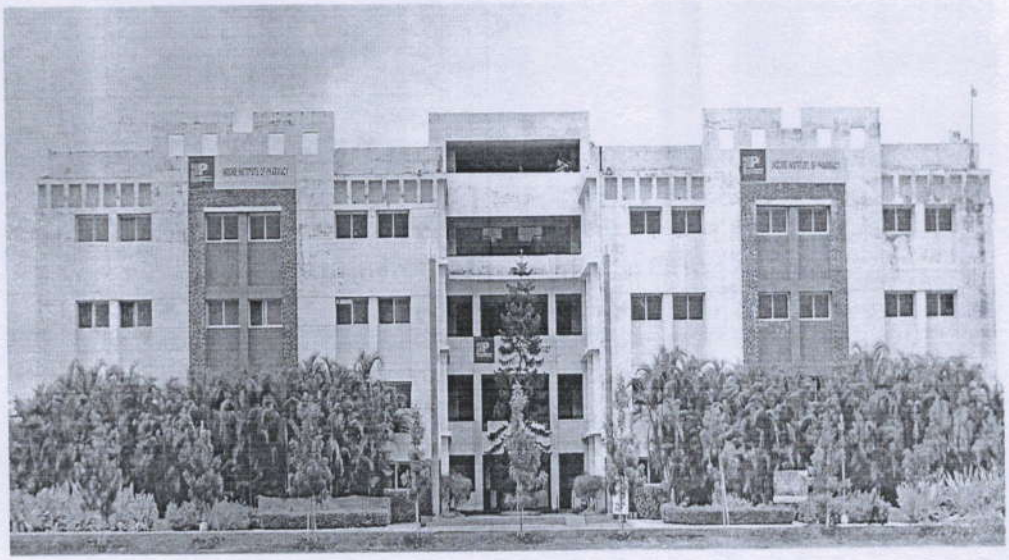

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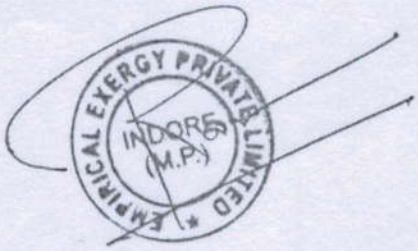

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		Basement	G.F.	F.F.	S.F.	T.F.		
1	IIP-Building	-	1416.21	1416.21	1416.21	1416.21	5664.84	11'6"
2	Workshop- 02 No.	-	723.53	-	-	-	723.53	16'6"
3	Canteen	-	699.47	699.47	-	-	1398.94	14'00"
4	Recreation hall "First Floor"	-	583.25	-	-	-	583.25	14'00"
5	Guest House	-	203.64	149.30	-	-	352.94	11'00"
6	Boy's Hostel	-	510.60	500.28	500.28	500.28	2011.44	10'6"
7	Girl's Hostel	-	363.62	363.62	363.62	363.62	1454.48	10'6"
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9	Lecture Hall Building	-	1300.64	1300.64	1300.64	1300.64	5202.56	13'00"
10	Sports Complex	1068.38	1244.90	882.58	-	-	3195.86	13'00"
11	Generator Room	-	170.11	-	-	-	170.11	15'00"
Total Building Area		**1068.38**	**7526.17**	**5361**	**3715**	**3715**	**21385.6**	

INDORE INSTITUT OF PHARMACY IIP IIP

COLLEGE BUILDINGS LAYOUT

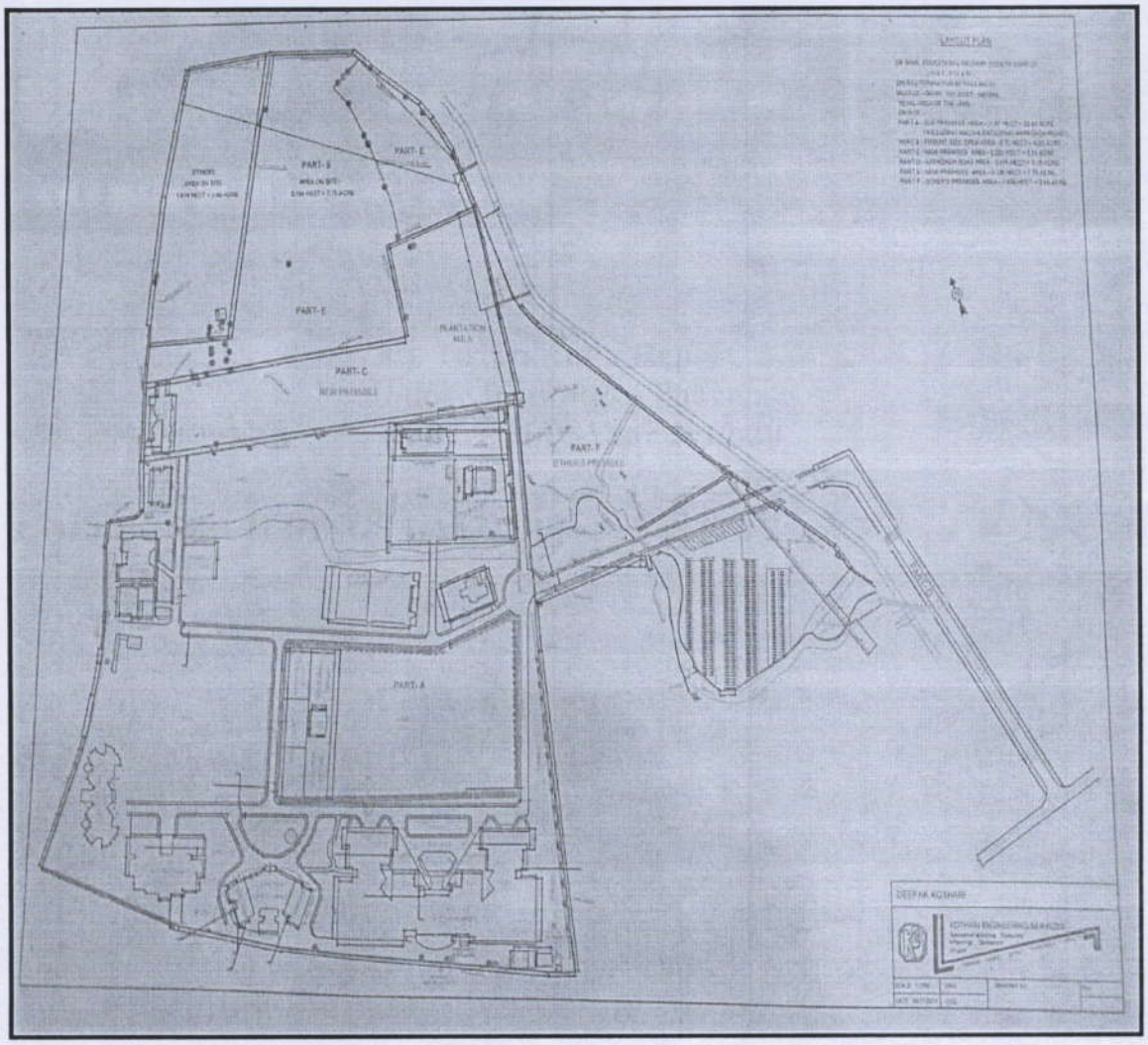


Figure 1.1 :- Layout map of College

INDORE INSTITUT OF PHARMACY IIP IIP

1.5 About Green Auditing

Eco campus is concepts implemented in many educational institutions, all over the worldto make them sustainable because of their mass resource utilization and waste discharge in to the environment.

Green audit means to identify opportunities to sustainable development practices, enhance environmental quality, improve health, hygiene and safety, reduce liabilities achieve values of virtue. Green audit also provides a basis for calculating the economic benefits of resource conservation projects by establishing the current rates of resource use and their associated costs.

Green auditing of enables to assess the life style, action and its impact on the environment. This green audit was mainly focused on greening indicators like utilisation of green energy (solar energy) and optimum use of secondary energy sources (petrol and diesel) in the College campus, vegetation, and carbon foot print of the campus etc. The aim of green auditing is to help the institution to apply sustainable development practices and to set examples before the community and young learners.

1.6 Objectives of Green Auditing

The general objective of green audit is to prepare a baseline report on "Biodiversity" and alternative energy sources (solar energy), measures to mitigate resource wastage and improve sustainable practices.

The specific objectives are:

- To suggest measures to make the College campus biodiversity rich
- To demarcate areas within the institute campus which have potential for restoration of biodiversity
- To make recommendations for the conservation, protection and rejuvenation of the natural vegetation and animal life by involving students and faculty members
- To inculcate values of sustainable development practices through green audit mechanism.
- Providing a database for corrective actions and future plans.
- To identify the gap areas and suggest recommendations to improve the green campus status of the University.

INDORE INSTITUT OF PHARMACY IIP IIP

CHAPTER- 2
GREEN CAMPUS

2.1 Green Audit

In the survey, focus has been given on assessment of present status of diversity in form of plants, in college campus and efforts made by the College authorities for nature conservation. Campus is located in the vicinity of approximately more than 240 trees/ medicinal herbs/ ornamental plants. The detail is given below:

Fig.2.1 Green Campus of IIP College

INDORE INSTITUT OF PHARMACY IIP IIP

2.2 Tree Details in College Premises

Sr. no	Name of the tree (Local Language)	Botanical Name	Quantity
1	Neem	Azadirachta Indica	12
2	Meetha Neem	Murraya koenigii	5
3	Neem Chhote	Azadirachta Indica	5
4	Jngali Imli	Tamarindus indica	2
5	Babool	Acacia arabica	3
6	Jamun	Syzugium cumini	9
7	Kenudola	Calendula officinalis	5
8	jiniyam Haij	Syzygium cumini	1
9	Khajura	Phoenix dactylifera	4
10	Pantaferm	Peltophorm pterocarpum	5
11	kirni	Manilkara hexandra	1
12	kela	Musa acuminata	2
13	Aam	Mangifera indica	12
14	Pipal	Ficus religiosa	6
15	Bargad	Ficus benghalensis	1
16	Arjun	Terminlia arjuna	15
17	Anjeer	Ficus carica	4
18	Falsa	Grewia asiatica	2
19	Shirish	Albizia lebbeck	1
20	Lal Chandan	Pterocarpus santalinus	2
21	Ashok	Saraca indica	3
22	Amaltas	Cassia fistula	1
23	sirsha	Albizia lebbeck	1
24	morsali	Mimusops alengi	2
25	kanak champa	Pterospermum acerifolium	2
26	Paras Pipal	Thespasia populina	1
27	Bajradanti	Barleria prionitis	2
28	Shami	Prosopis cineraria	1
29	Khirni	Manilkara hexandra	2
30	Ashvagandha	Withania somnifera	1
31	Dalchini	Cinnamomum verum	1
32	Chitrak	Plumbago zeylanica	1
33	Adusa	Adhatoda vasica	1
34	Shatawari	Asparagus racemosus	1
35	Guggul	Commiphera weightii	1

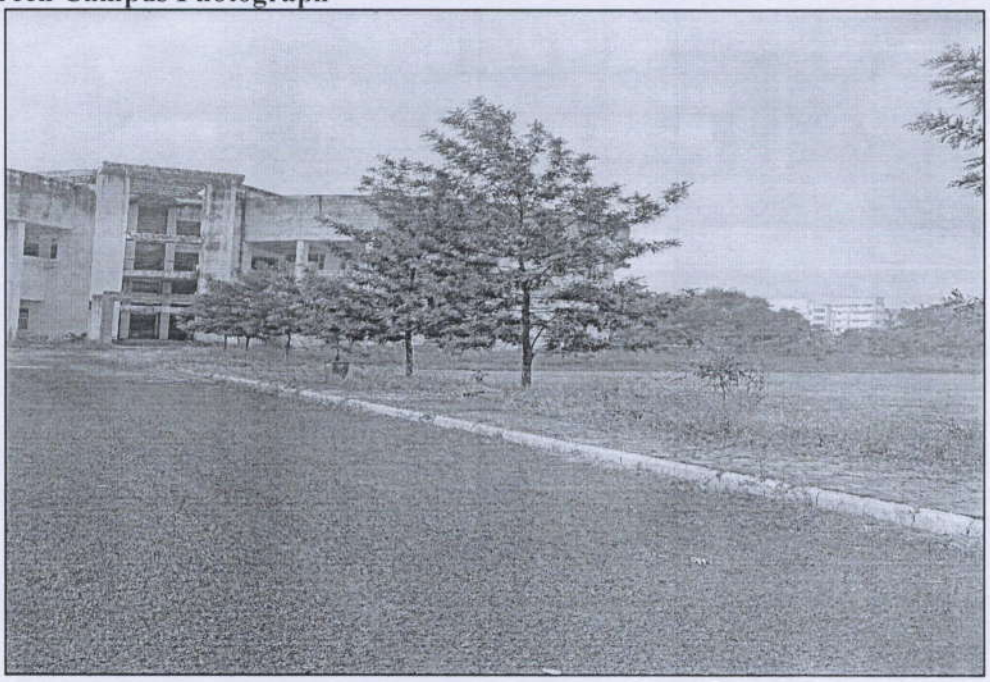
INDORE INSTITUT OF PHARMACY IIP IIP

36	Van Adrak	Zingiber capitatum	1
37	Kabab Chini	Piper cubeba	1
38	Elaychi	Elattaria cardomum	1
39	Lemon Grass	Cymbopogan flexous	1
40	Shikakai	Acacia concina	2
41	Kathal	Artocarpus heterophyllus	1
42	Nandi	Ficua benjamina	1
43	Amrud	Psidium guajava	8
44	Ratan Jot	Jatropha curcas	1
45	Sindur	Bixa orellana	1
46	Raat Rani	Cestrum nocturnum	1
47	Harjor	Cissus quadrangularis	1
48	Ritha	Sapindus mukorossi	2
49	Long	Syzigium aromaticum	1
50	Sahtut	Morus alba	2
51	Kadam	Neolamarckia cadamba	9
52	Surjana	Moringa oleifera	8
53	Champa	Plumeria pudica	10
54	Nimbu Chhota	Citrus limon	1
55	Nimbu Bada	Citrus medica	12
56	Aam Chhota	Mangifera indica	3
57	Aam Bade	Mangifera indica	9
58	Chiku	Achras sapota	5
59	Kachnar	Bauhinia variegata	9
60	Kachnar Chhote	Bauhinia variegata	2
61	Sitafal	Annona squamosa	16
62	Mosambi	Citrus limetta	11
63	Kaner	Nerium indicum	24
64	Gulnar	Delonix regia	10
65	Pelta Paam	Peltophorm pterocarpum	14
66	Bakan	Melia azadirach	1
67	Gulmohar	Delonix regia	12
68	Gular	Ficus racemosa	13
69	Ficus	Ficus benjamina	6
70	Gond	Anogeissus latifolia	2
71	SilverRose	Rosa domestica	23
72	Papita	Carica papya	14
73	Bottal Paam	Hyophorbe lagenicaulis	35
74	Harsingar	Nyctanthes arbor-tristis	1

75	X Mass Tree	Araucaria heterophylla	1
76	Dudhiya Mogra	Jasminum sambac	9
77	Chandni	Tabernaemontana divaricata	5
78	Kena ret	Canna indica	8
79	Baans	Bambusa vulgaris	1
80	Calendula	Calendula officinalis	16
81	Saikas	Cycas revoluta	15
82	Amla	Phyllanthus emblica	27
83	Shisham	Delbargia sissoo	9
84	Badam	Prunus dulcis	6
85	Karonda	Carissa carandas	9
	Total trees		499

INDORE INSTITUT OF PHARMACY IIP IIP

2.3 Green Campus Photograph



College has **499 trees** in the campus. This is good initiative taken by management for green campus under the campaign of plantation. **It's APPRECIABLE.**

INDORE INSTITUT OF PHARMACY IIP IIP

CHAPTER- 3
WASTE MANAGEMENT

3.1 About Waste:

Human activities create waste, and it is the way these wastes are handled, stored, collected and disposed of, which can pose risks to the environment and to public health Waste management is important for an eco-friendly campus. In College different types of wastes are generated, its collection and management are very challenging.

Solid waste can be divided into three categories: bio-degradable, non-biodegradable and hazardous waste. A bio-degradable waste includes food wastes, canteen waste, wastes from toilets etc. Non-biodegradable wastes include what is usually thrown away in homes and schools such as plastic, tins and glass bottles etc. Hazardous waste is waste that is likely to be a threat to health or the environment like cleaning chemicals, acids and petrol.

Unscientific management of these wastes such as dumping in pits or burning them may cause harmful discharge of contaminants into soil and water supplies, and produce greenhouse gases contributing to global climate change respectively. Special attention should be given to the handling and management of hazardous waste generated in the University. Bio-degradable waste can be effectively utilized for energy generation purposes through anaerobic digestion or can be converted to fertilizer by composting technology. Non-biodegradable waste can be utilized through recycling and reuse. Thus the minimization of solid waste is essential to a sustainable University. The auditor diagnoses the prevailing waste disposal policies and suggests the best way to combat the problems.

Table 3.1 Different types of waste generated in the College Campus.

Sr. No.	Types of Waste	Particulars
1	Solid wastes	Damaged furniture, paper waste, paper plates, food wastes etc
2	Plastic waste	Pen, Refill, Plastic water bottles and other plastic containers, wrappers etc
3	E-Waste	Computers, electrical and electronic parts etc
4	Glass waste	Broken glass wares from the labs etc
5	Chemical wastes	Laboratory waste etc
6	Bio-medical Waste	Sanitary Napkin etc

INDORE INSTITUT OF PHARMACY IIP IIP

3.2 Waste management Practices adopted by the College.

College is implemented **"Two dust Bin"** waste collection system. All kind of waste generated from various activity is collected.

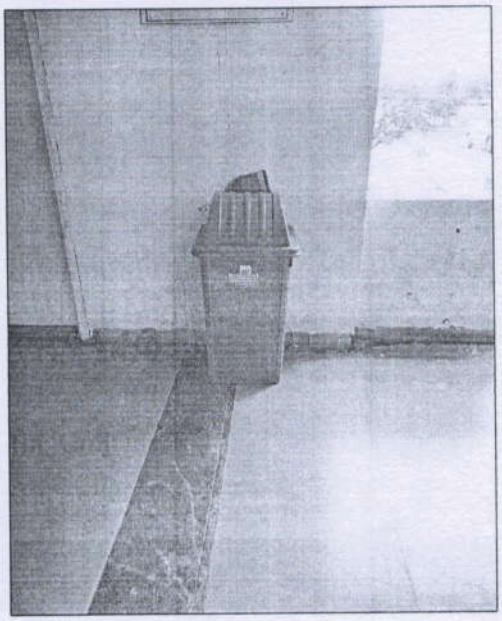


Figure 3.1: - Waste collection bin in College Premises

Recommendation:

It is recommended adopted 5 Bin Waste Collection System for collect different type of waste generated in college premises.

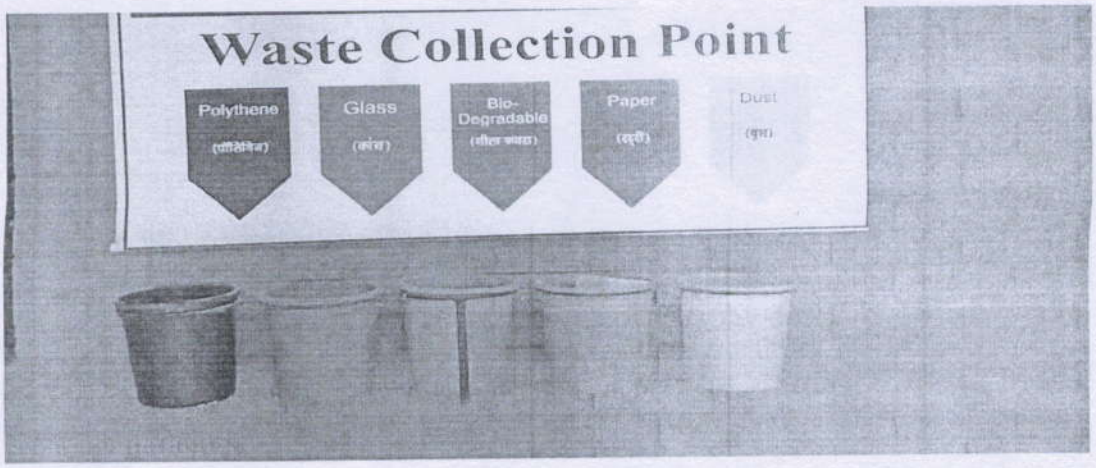


Figure :- 3.2 Recommended 5 Dust Bin waste collection System

INDORE INSTITUT OF PHARMACY IIP IIP

3.3 Waste Collection Points:

Audit team also visited various departments, canteen, and residential area, to find out waste generation area and waste collection points for further improvement. Details are given in the table .

Table: 3.2 Detailed of Waste collection Dust bin system

Sr. No	Color Coadding	No of Bust Bin
1	Green	6
2	Yellow	4
3	Red	4
	Total	**14**

INDORE INSTITUT OF PHARMACY IIP IIP

7.1.3 Quality audits on environment and energy regularly undertaken by the institution .

The institutional environment and energy initiatives are confirmed through the following.

1. Environment audit

Empirical Exergy Private Limited

Registered Office: 18-E, Sudama Nagar, Indore -452009
Office (Indore): Flat No. 201, Om Apartment, 214 Indrapuri, Indore (M.P.).
Contact: +91-731-4948831, Mobile: +91-78693-27256, 88713-68108
www.eeplgroups.com, email:-eempirical18@gmail.com
CIN No: U74999MP2018PTC045751

Ref No: EEPL/2021-22/C105 **Date: - 01-06-2022**

ENVIRONMENTAL AUDIT CERTIFICATE

This is certified that Empirical Exergy Private Limited (EEPL) Indore M.P. has conducted Environmental audit at **Indore Institute of Pharmacy Indore (M.P)** for the academic Year 2020-21 and audit report has been submitted.

We avail this opportunity to express our deep and sincere gratitude to the management for their wholehearted support and co-operations during the environment audit.

This certificate is being issued on the basis of the Environmental Audit conducted by EEPL.

For- **Empirical Exergy Private Limited**

EMPIRICAL EXERGY PRIVATE LIMITED INDORE (M.P.)

Rajesh Kumar Singadiya (Director)

M.Tech (Energy Management), PhD (Research Scholar)
Accredited Energy Auditor [AEA-0284]
Certified Energy Auditor [CEA-7271]
(BEE, Ministry of Power, Govt. of India)
Empanelled Energy Auditor with MPUVN, Bhopal M.P.
Lead Auditor ISO50001:2011 [EnMS) from FICCI, Delhi
Certified Water Auditor (NPC, Govt of India)
Charted Engineer [M-1699118], The Institution of Engineers (India)
Member of ISHRAE [58150]

INDORE INSTITUT OF PHARMACY IIP

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INDORE INSTITUT OF PHARMACY IIP

ENVIRONMENT AUDIT REPORT

CONSULTATION REPORT

Indore Institute of Pharmacy, Indore, M.P

Rau - Pithampur Rd, Opposite Indian Institute of Management, Rau, Indore, Madhya Pradesh 453331

PREPARED BY

EMPIRICAL EXERGY PRIVATE LIMITED

Flat No. 201, OM Apartment,214 IndrapuriColony,
Bhawarkuan,Indore – 452 001 (M. P.), India
0731-4948831, 7869327256
Email ID:eempirical18@gmail.com
www.eeplgroups.com

(2019-20)

INDORE INSTITUT OF PHARMACY IIP IIP

CONTENT

INDORE INSTITUT OF PHARMACY IIP IIP

ACKNOWLEDGEMENT

Empirical Exergy Private Limited (EEPL), Indore takes this opportunity to appreciate & thank the management of **Indore Institute of Pharmacy Indore (M.P)** for giving us an opportunity to conduct environment audit for the College.

We are indeed touched by the helpful attitude and co-operation of all faculties and technical staff, who rendered their valuable assistance and co-operation the course of study.

Rajesh Kumar Singadiya

(Director)

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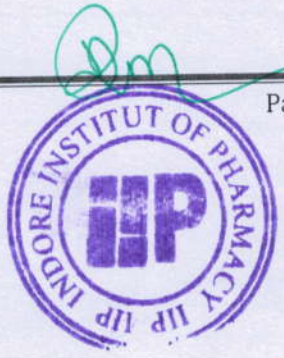

EXECUTIVE SUMMARY

The executive summary of the water audit report furnished in this section briefly gives the identified water conservation measures that can be implemented in a phased manner to water conservation and increase the productivity of the college.

INTIATIVE TAKEN BY INSTITUTE: -

RAIN WATER HARVESTING SYSTEM: -

- Institute has implemented rain water harvesting system in the campus. Details of the system given in the report.

RECOMMENDATION

WASTE WATER TREATMENT PLANT:-

- Install 120 KL Capacity of STP plant for waste water treatment. It was observed that Waste water generated from various activities should be treated in proposed STP Plant. Treated water should be utilizing in gardening it will reduce fresh water consumption of campus.

INDORE INSTITUT OF PHARMACY IIP IIP

CHAPTER-1
INTRODUCTION

1.1 About College:-

Pharmaceutical field is evolving day by day and contributing more and more to the well-being of society. A 'Pharmacist' is a pivotal part of healthcare system, and his role is continuously expanding from being a dispenser of medicine to a researcher/technocrat and a patient counsellor. It is one of the few professions, which has shown significant growth rate over a period of time.

Indore Institute of Pharmacy has a glorious standing of 17 years and continues to evolve as the most reputed Pharmacy College in Indore city and Madhya Pradesh. The institute aims at holistic development of the students along with inculcation of attitude and skills that result in successful employment. We seek to instil a passion for learning in our students that brings significant changes in their thinking, attitude and personality. With experienced and dedicated faculty and excellent infrastructure, Indore Institute of Pharmacy help students to realize their professional goals in life. With a long and rewarding history of achievements in pharmacy education behind us, Indore Institute of Pharmacy family continues to move forward together with confidence, pride and enthusiasm.

COURSES OFFERED:

- D. Pharm. (Diploma in Pharmacy)
- B. Pharm. (Bachelor of Pharmacy)
- M. Pharm. (Masters of Pharmacy)
    - Pharmaceutics
    - Quality assurance

INDORE INSTITUT OF PHARMACY IIP IIP

Vision

To produce competent pharmacy professionals and value-based future leaders by offering quality education that incorporates training in Holistic Work-Life Management

Mission

1. To provide quality education and training to a budding pharmacist who can withstand a transforming healthcare system.
2. To bridge the gap between academia and creative professionals for industry 4.2 or 5.0.
3. Honing the students' future with the approach to creating emotional quotient with intelligence quotient for holistic development with the aim of Know thyself and be thyself willing to evolve.

Our Facilities

- Smart Campus
- Laboratories
- Library & resource Canter
- Hostel Accommodation
- Sports Facilities
- Transportation
- Auditoriums and seminar hall
- Animal House
- Canteen

INDORE INSTITUT OF PHARMACY IIP IIP

1.2 About College Campus:

The College is spread over 21385- Square meter with plenty of open space and sports area interspersed within academic buildings. The details of various department and building are given below:

Table1.1Name of the various Building in College

SHAIL EDUCATION & WELFARE SOCIETY, INDORE								
Area Calculation of Shail Campus								
Sr. No.	Building Name	Building Area (Sq.m.)					Total Area (Sq.m.)	Floor Height "Ft."
		Basement	G.F.	F.F.	S.F.	T.F.		
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INDORE INSTITUTE OF PHARMACY IIP IIP

COLLEGE BUILDINGSLAYOUT

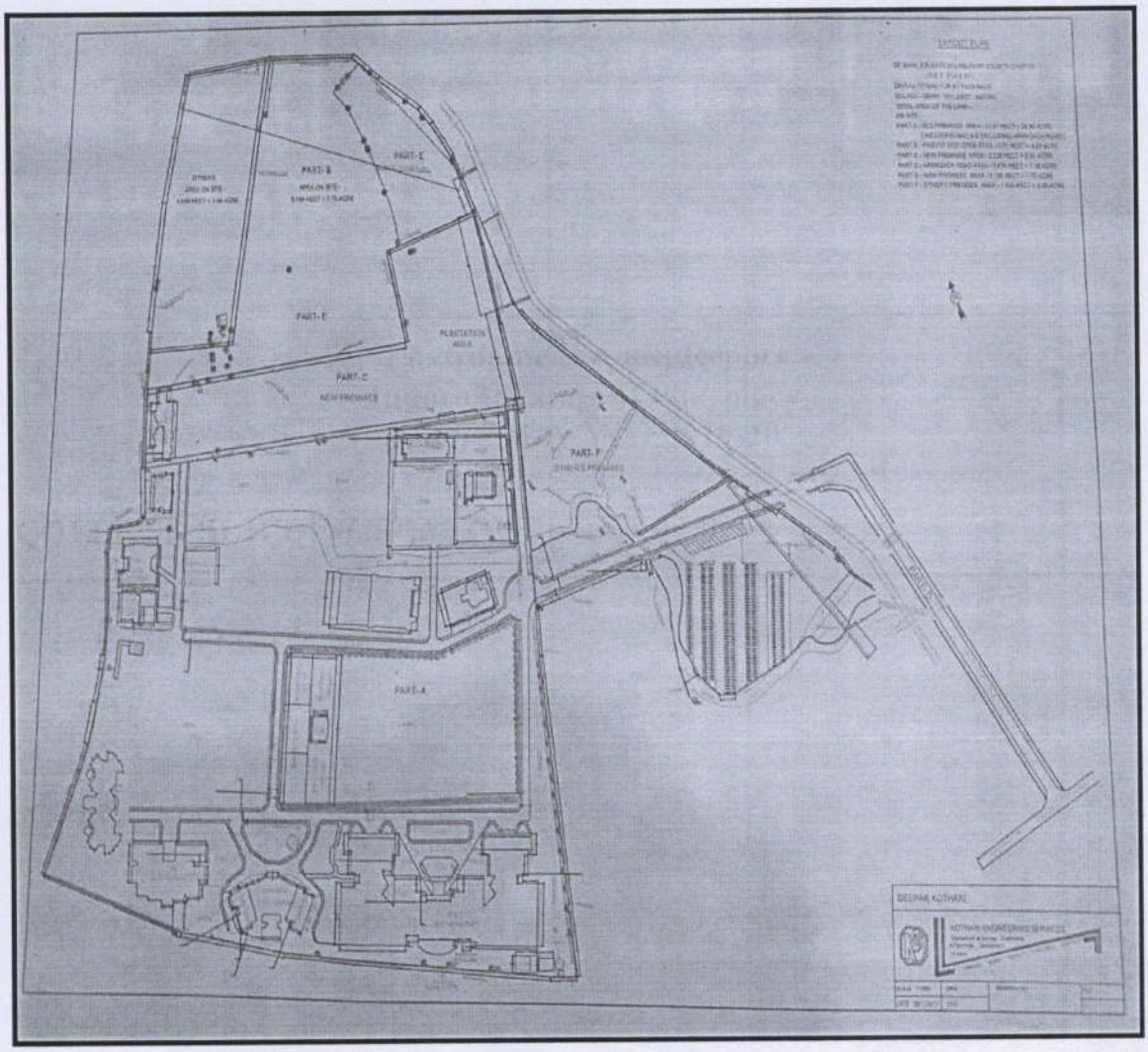
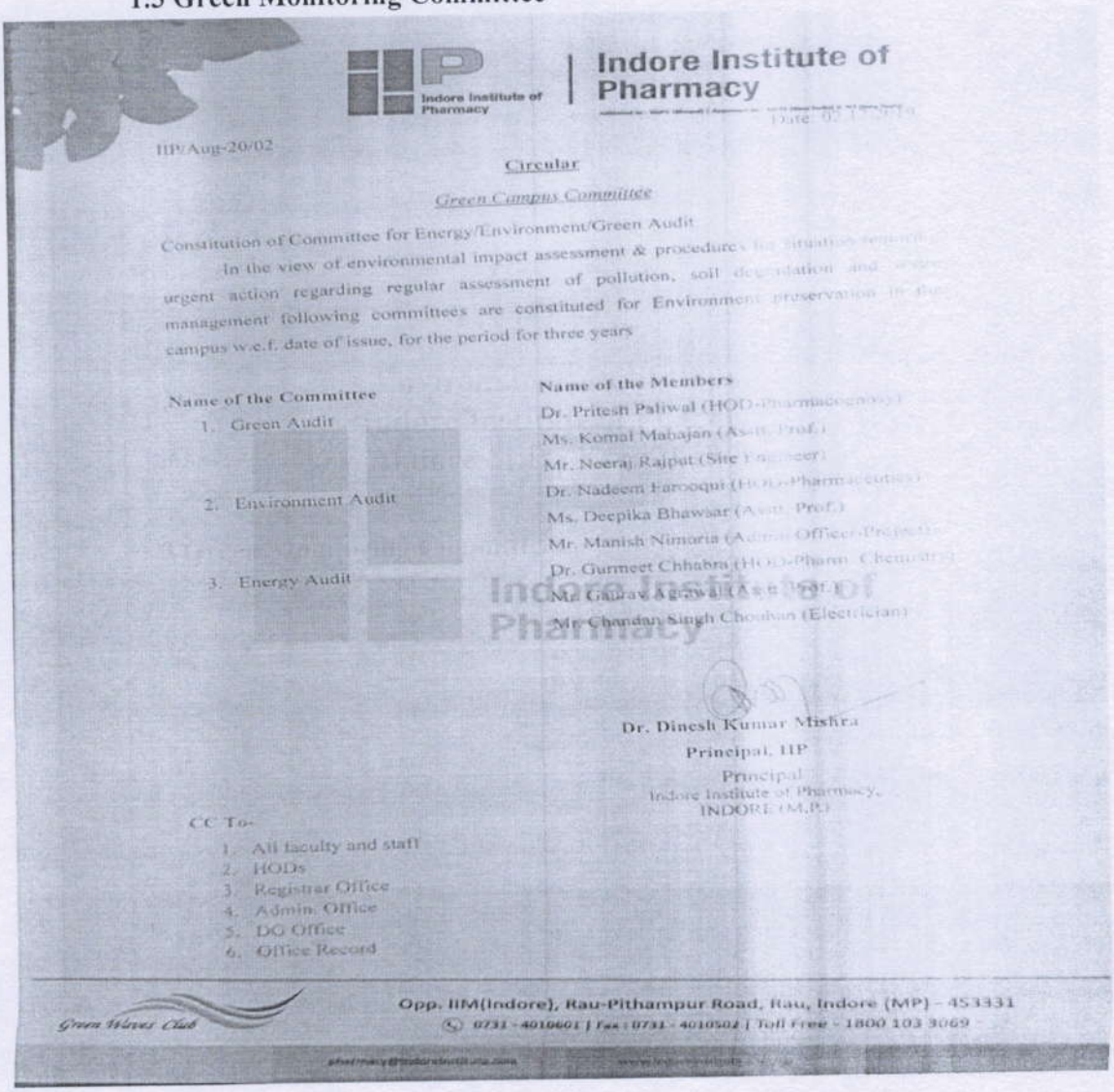


Figure 1.1 :- Layout map of College

INDORE INSTITUTE OF PHARMACY

1.3 Green Monitoring Committee



Indore Institute of Pharmacy

IIP/Aug-20/02

Date: 01/08/20

Circular

Green Campus Committee

Constitution of Committee for Energy/Environment/Green Audit

In the view of environmental impact assessment & procedures for situation analysis, urgent action regarding regular assessment of pollution, soil degradation and waste management following committees are constituted for Environment preservation in the campus w.e.f. date of issue, for the period for three years

Name of the Committee	Name of the Members
1. Green Audit	Dr. Pritesh Paliwal (HOD-Pharmaceutics)
	Ms. Komal Mahajan (Asstt. Prof.)
	Mr. Neeraj Rajput (Site Engineer)
2. Environment Audit	Dr. Nadeem Farooqui (HOD-Pharmaceutics)
	Ms. Deepika Bhawsar (Asstt. Prof.)
	Mr. Manish Nimoria (Admin Officer-Project)
3. Energy Audit	Dr. Gurmeet Chhabra (HOD-Pharm. Chemistry)
	Mr. Gaurav Agrawal (Asstt. Prof.)
	Mr. Chandan Singh Chouhan (Electrician)

Dr. Dinesh Kumar Mishra
Principal, IIP
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

CC To-
1. All faculty and staff
2. HODs
3. Registrar Office
4. Admin. Office
5. DO Office
6. Office Record

Green Waves Club

Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore (MP) - 453331
0731 - 4010601 | Fax : 0731 - 4010502 | Toll Free - 1800 103 3069

1. 4 The Audit Team

The study team constituted of the following senior technical executives from **Empirical Exergy Private Limited,**

- **Mr. Rakesh Pathak** [Director]
- **Dr. Suresh Soni** [Reviewer]
- **Mrs. Laxmi RaikwarSingadiya**,[Energy Engineer]
- **Mr. SachinKumawat** [Project Engineer]
- **Mr. Ajay Nahra** [Site Engineer]

INDORE INSTITUTE OF PHARMACY IIP IIP

1.5 About Environment Auditing

Environment audits can be a highly valuable tool for institute in a wide range of ways to improve their energy, environment and economic performance. while reducing wastages and operating costs. Environment audits provide a basis for calculating the economic benefits of water conservation projects by establishing the current rates of water use and their associated cost.

1.6 Objectives of Environment audit

The general objective of water audit is to prepare a baseline report on water conservation measures to mitigate consumption, improve quality and sustainable practices.

The specific objectives are:

- To monitor the water consumption and water conservation practices.
- To assess the quantity of water, usage, quantity of waste water generation and their reduction within the college.

1.7 Target Areas of Environment audit

This indicator addresses water sources, water consumption, irrigation, storm water, appliances and fixtures, aquifer depletion and water contamination are taking place at unprecedented rates. It is therefore essential that any environmentally responsible institution should examine its water use practices.

INDORE INSTITUT OF PHARMACY IIP IIP

1.8Methodology followed for conducting Environment audit

Step 1: Walk through survey

- Understanding of existing water sourcing, storage and distribution facility.
- Assessing the water demand and water consumption areas/processes.
- Preparation of detailed water circuit diagram.

Step 2: Secondary Data Collection

- Analyse historic water use and wastewater generation
- Field measurements for estimating current water use
- Metered & unmetered supplies.
- Understanding of "base" flow and usage trend at site
- Past water bills
- Wastewater treatment scheme & costs etc.

Step 3: Site Water Audit Planning (based on site operations and practices)

- Preparation of water flow diagram to quantify water use at various locations
- Wastewater flow measurement and sampling plan

Step 4: Conduction of Detailed Water Audit & Measurements

- Conduction of field measurements to quantify water/wastewater streams
- Power measurement of pumps/motors
- Preparation of water balance diagram
- Establishing water consumption pattern
- Detection of potential leaks & water losses in the system
- Assessment of productive and unproductive usage of water
- Determine key opportunities for water consumption reduction, reuse & recycle.

Step 5: Preparation of Water Audit Report

- Documentation of collected &analysed water balancing and measurement details
- Projects and procedures to maximize water savings and minimize water losses.
- Opportunities for water conservation based on reduce/recycle/reuse and recharge options

INDORE INSTITUT OF PHARMACY IIP IIP

CHAPTER- 2
WATER CONSUMPTION AND WASTE WATER SOURCES

2.1 Details of Source of Fresh Water and Use Areas:

The main source of freshwater is Open well and Borewell for the college.The freshwater is mainly used for drinking, housekeeping, gardening, domestic activity and new construction project. Details of the pumps are given in table 2.1

Table 2.1 Details of Fresh water sources and Supply pumps

Sr. No	Source of water	Location	Depth (ft/m)	Types of pumps	Rated HP	Running Hours per day
1	Open well -01	NA	50	Submersible	3	5
2	Open well -02	Near Main Gate	80	Submersible	3	5
3	Borewell -01	Near Basket Ball ground	320	Submersible	7.5	8
4	Borewell -02	Near DG House	400	Submersible	7.5	8
5	Borewell -03	New Sport Campus	280	Submersible	5	8
6	Borewell -04	Near Staff Flats	350	Submersible	7.5	8
7	Borewell -05	Near Laundry	350	Submersible	5	8
8	Borewell -06	Agriculture	320	Submersible	7.5	8
9	Borewell -07	Agriculture	360	Submersible	7.5	8

2.2 Water Accounting & Metering system:

It was observed that there is requirement of water flow meters on Borewell to quantify per day ground water extraction from different sources.

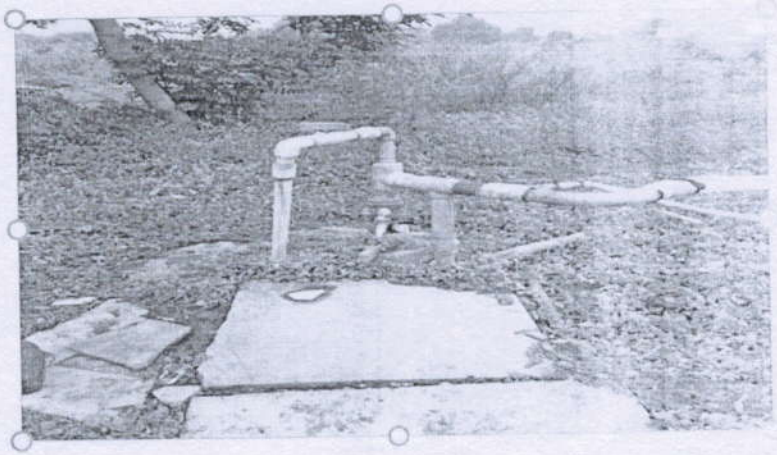


Figure: -2.1 Fresh water supply from Borewell for College campus

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2.3 Water Storage Capacity in College Campus: -

There are different types of tank available in College for water storage like Underground RCC tank, Overhead RCC tank etc.

Table 2.2 - Water Storage tank in college campus

Sr. no	Types of storage tank	Location	Quantity	Capacity (Litter)
1	Sintex tank	IIP Building	3	6000
2	RCC Over Head Tank	IIP Building	1	12000
	Total water Storage Capacity			**18000**

Photographs of water storage tanks.

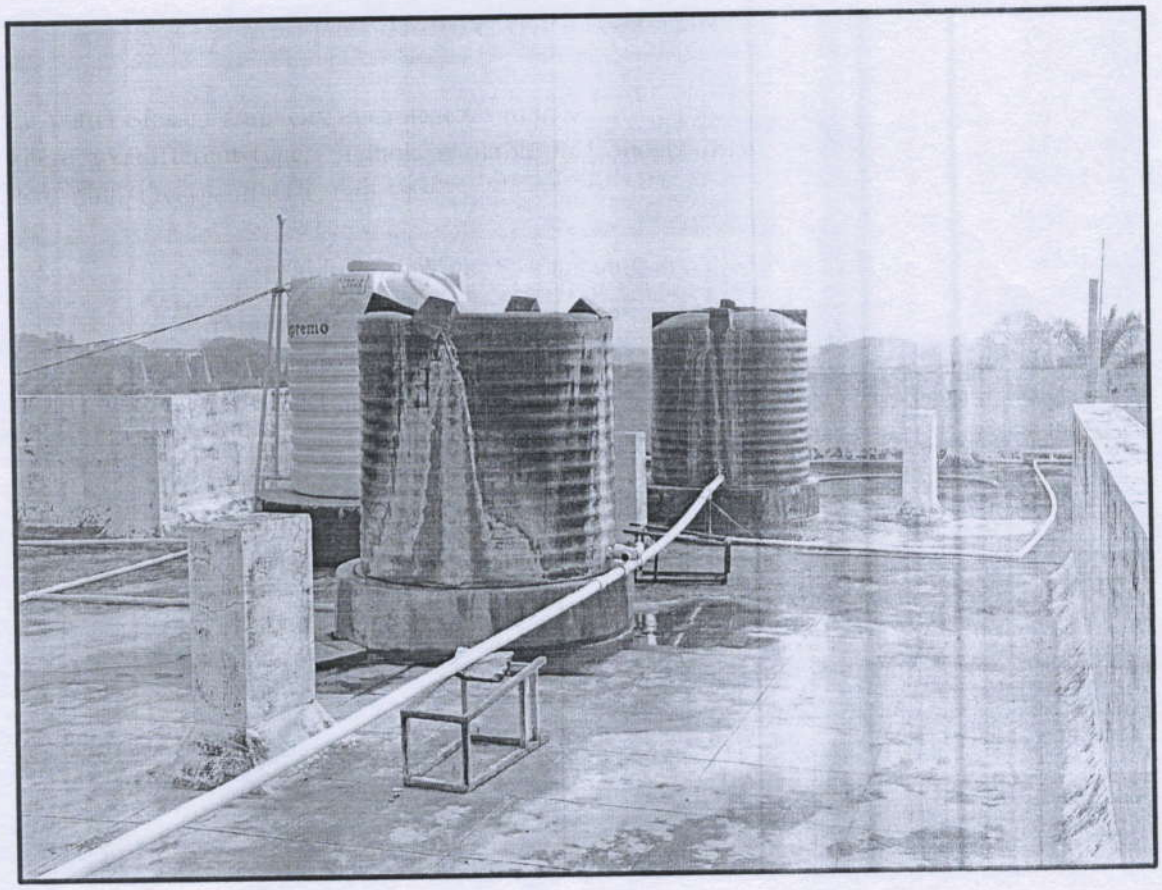

Figure:- 2.2 Water Storage Tank and capacity of college Campus

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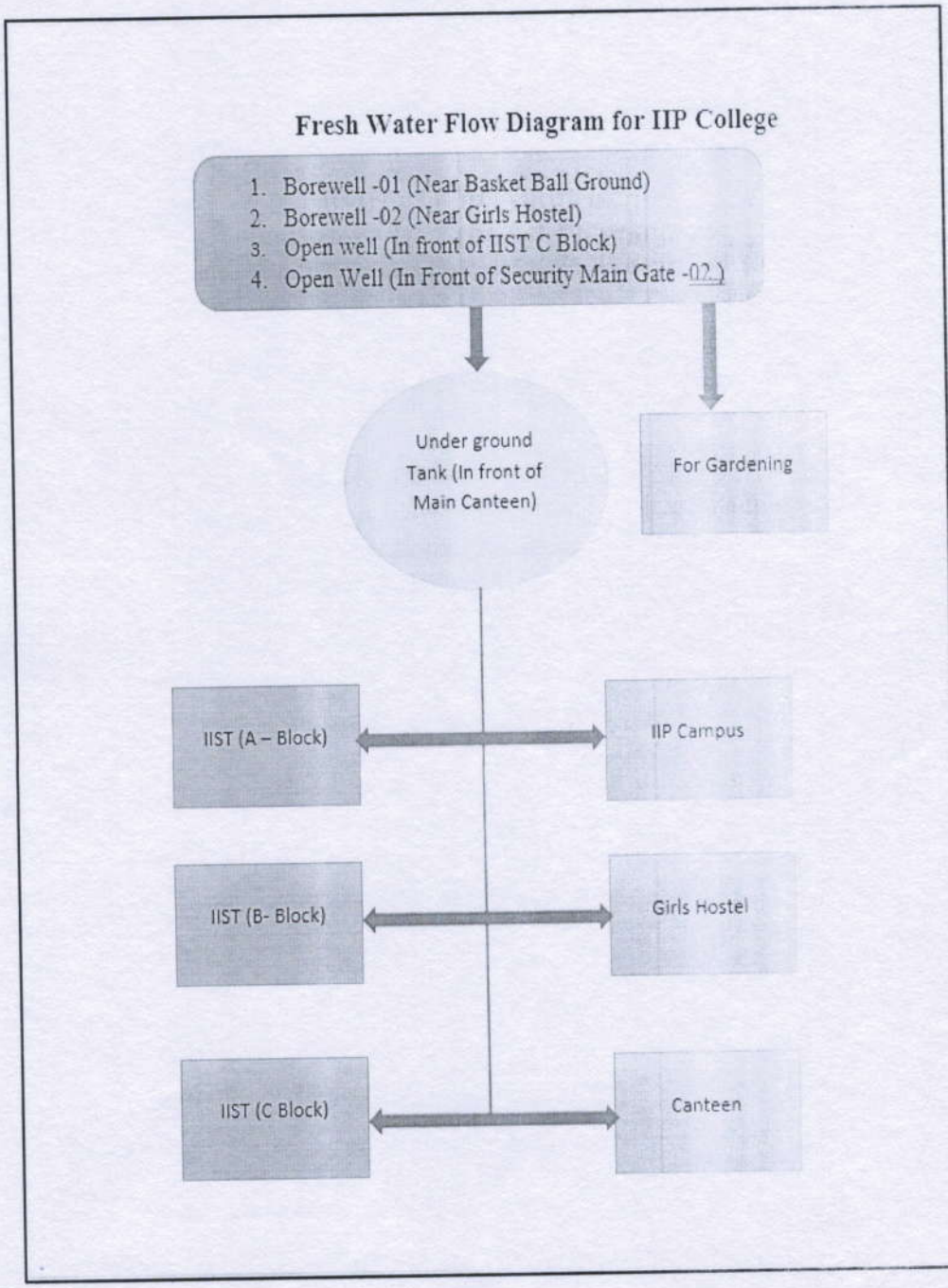
2.4 Fresh Water distribution layout of college campus:

Audit team study the water sources and prepared water distribution flow system in college campus.

Figure - 2.3 Fresh water distribution in college campus



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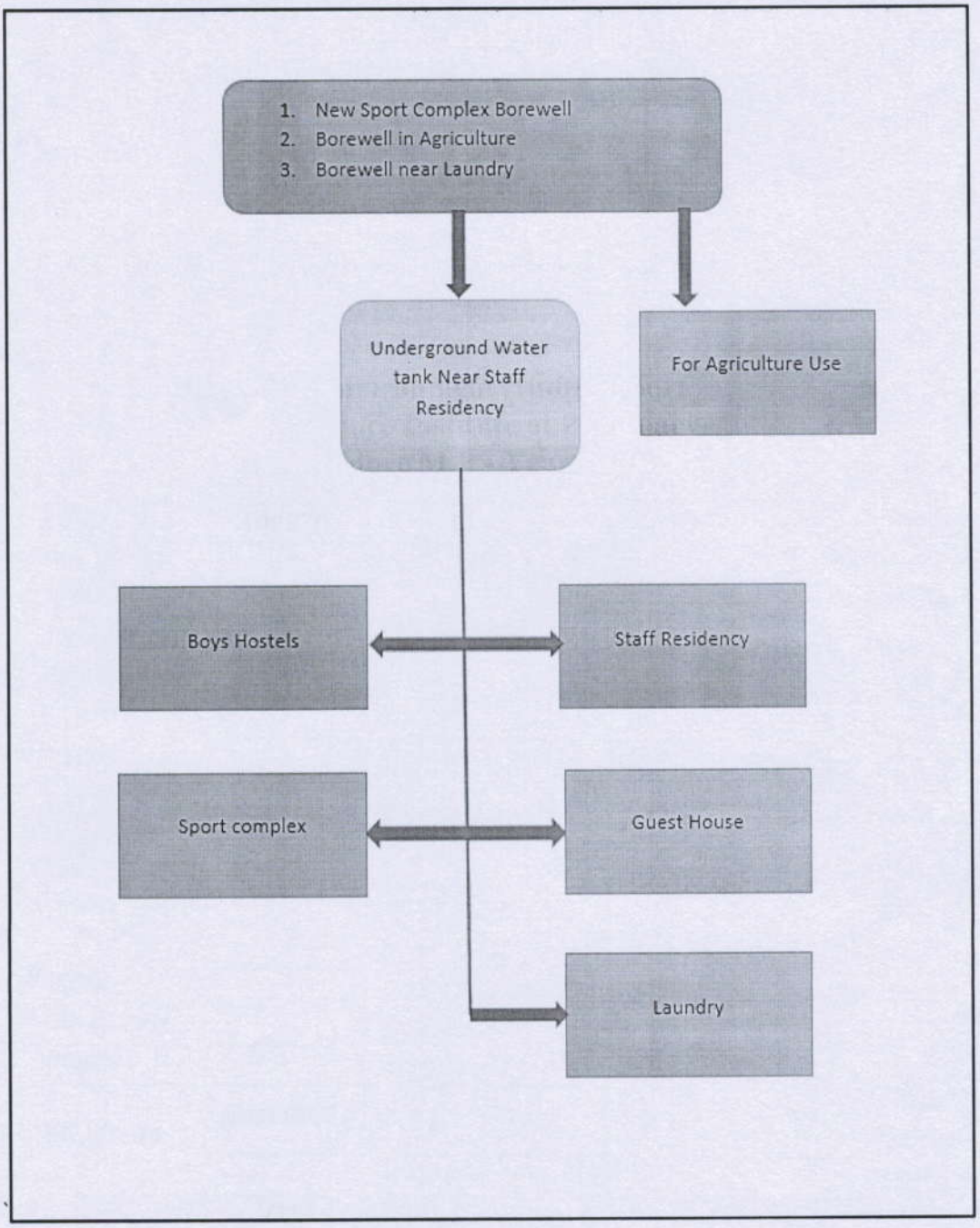

Observation & recommendation:

There is requirement of water flow meters in distribution line to quantify water consumption in departments. It is also observed that water overflow from overhead water tanks. It can avoid by installation of water level sensor.

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2.5 Water use areas in College Campus: -

Water is preliminary used for drinking, domestic, gardening and laboratory activity. Audit team visited various departments and buildings to determine appliances. The details of washroom, toilet and taps are given in table.

Table 2.3-Details of washroom and Uses Taps in various areas

Sr. No	Type of urinal	Quantity
1	Bib Cock	32
2	Stop Angle Cock	66
3	Flush Valve	26
4	Flash Tank	18
5	Wash Basin	20
6	Pillar Cock	114
7	Gents Urinal	12
8	ladies Urinal	20
9	Lab Sink	74
10	Lab pillar cock	157
	Total	539

2.6 Details of Canteen/Cafeteria/Kitchen area taps.

Table 2.4: - Details of Canteen area taps

Sr. No	Type of urinal	quantity
1	Bib Cock	16
2	Stop Angle Cock	33
3	Urinals	5
4	Wash Basin	13
5	Pillar Push cock	19
	Total	86

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2.7 Waste Water Generation sources: -

At present waste water generated from various departments, canteen, Mess, hostels and practical activity like washrooms, hand wash and washing of equipment's and RO rejected etc. is discharge into drain line. It should be collected in a separate tank and treat in proposed STP and ETP plants. After that treated water reuse activity like gardening, toilet and wash room etc.

Table: - 2.4 Waste water generation area in college campus

Sr. No	Key Water Usage Section	Type of water used (raw, treated etc.)	Water Consuming activities
1	Admin Block	Fresh Water	Drinking and other uses
2	Hostels	Fresh Water	Drinking, Food cooking, other Uses
3	Institution Buildings	Fresh Water	Drinking and other uses
4	Canteens	Fresh Water	Food cooking, drinking
5	Residential	Fresh Water	Drinking, domestic and other activities
6	Pharmacy Campus	Fresh water and Recycle Water	Gardening, Washing

- Some photographs of waste water generation sources are given

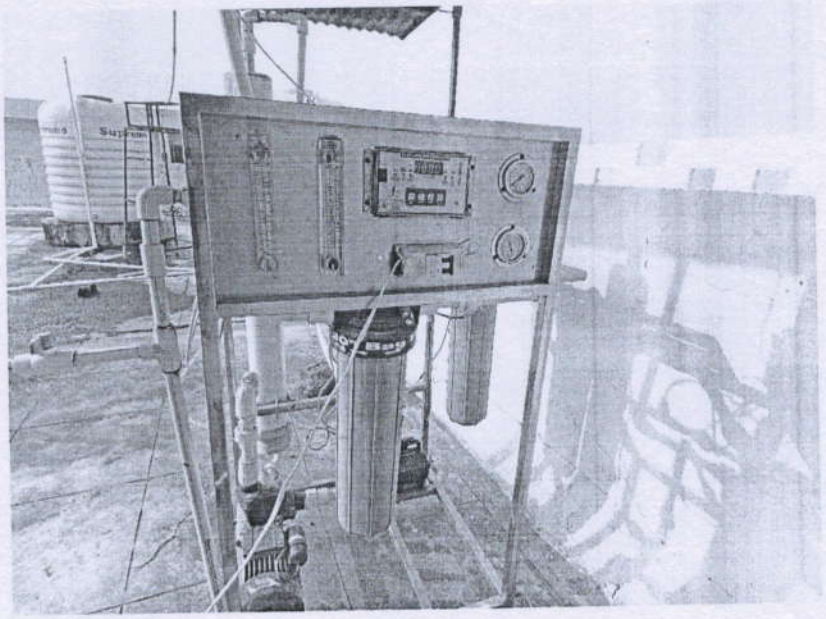

Figure: -2.3 Waste Water Generation sources

INDORE INSTITUTE OF PHARMACY IIP IIP

CHAPTER- 3
RAIN WATER HARVESTING SYSTEM

3.1. About Rain water Harvesting systems

The rainwater harvesting is a technique to capture the rainwater when it precipitates, store that water for direct use or charge the groundwater and use it later.

There are typically four components in a rainwater harvesting system:

- Roof Catchment.
- Collection.
- Transport.
- Infiltration or storage tank and use.

If rainwater is not harvested and channelizedits runoffs quickly and flow out through storm-water drains. For storm-water management the recharge pits, percolation pits and porous trenches are constructed to allow storm water to infiltrate inside the soil.

3.2 Rain water Harvesting systems in college: -

As per topography, Drainage pattern, Hydrogeology and geology of the area following rain water harvesting structures are proposed

- Shaft Borewell Structure with peripheral natural filter.
- Injection borewells at the bottom of open wells.
- Gabion Structure / Stop dam in rainy nallah.

Shaft Borewell Structure: - A 165 MM DIA borewell fitting with perforated (Slotted) Casing pipe up to a depth of 20 Meter with a peripheral sand filter of 03 meter deep to avoid soil and silt deposition in shaft borewell structure

Three Location are suggested for shaft Borewell Structure mentioned below.

1. Behind Directors Bungalow near rainy nallah .
2. North west corner of premises near animal house and drain.
3. Existing borewell near bus service area .

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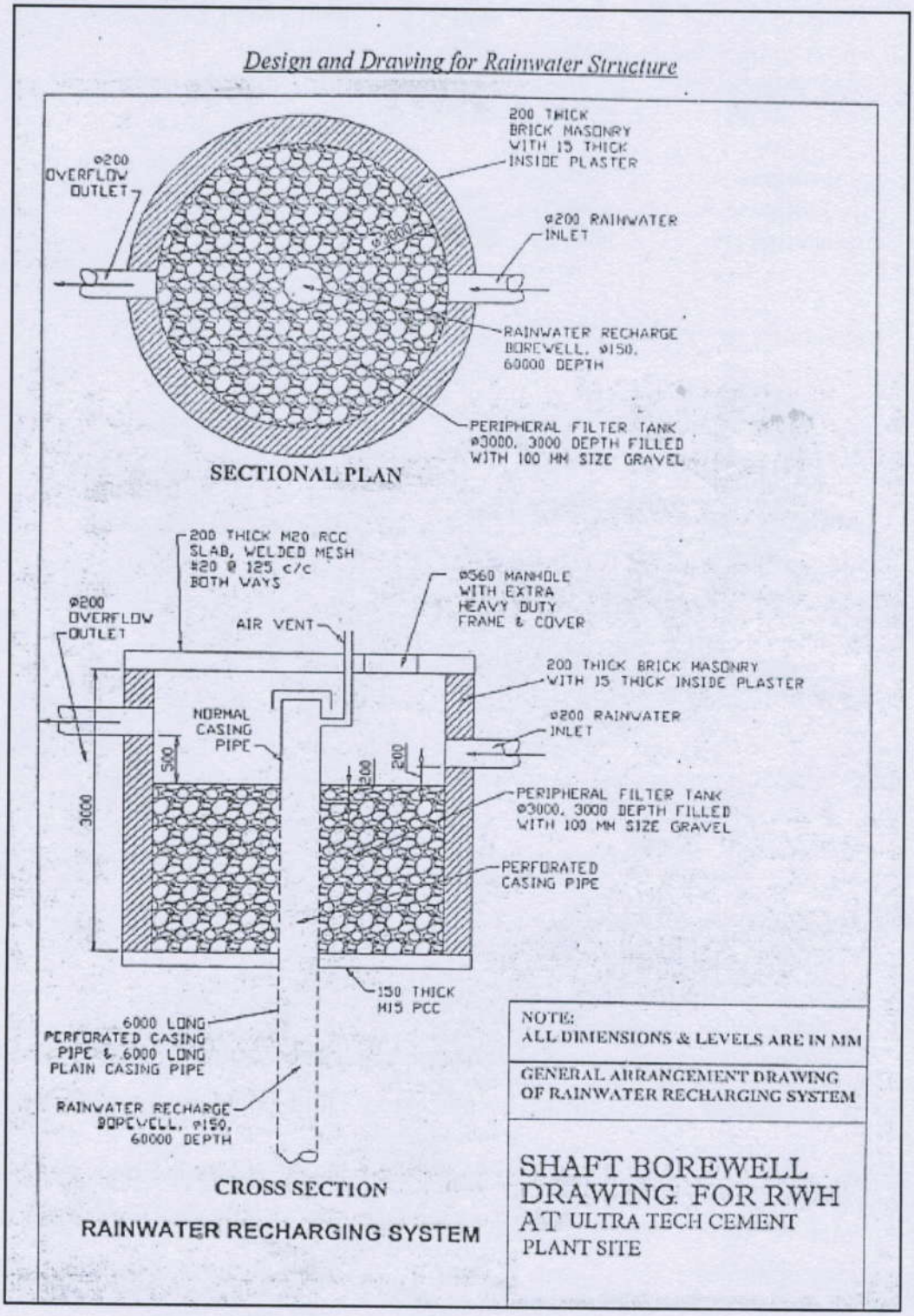
3.3 Layout of Existing Rain Water Harvesting System: -



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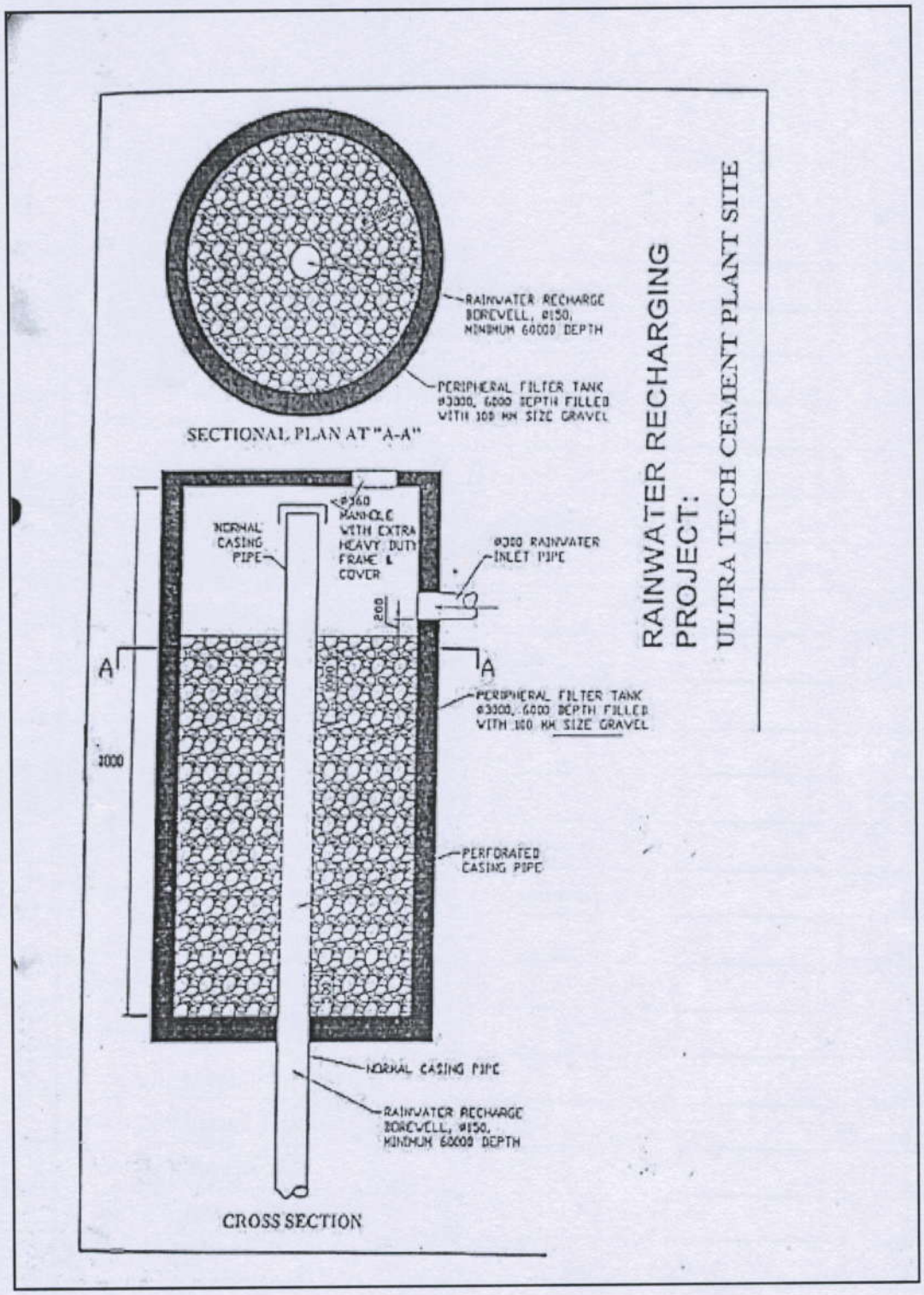

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3.4 Existing Rain water system area

Sr. No	Description	Area (Square Meter)
1	Total Land area available for recharging	91180
2	Road & Paved area	13455
3	Green Belt , Open land & Unpaved area	56546
4	Roof Top Area	21175

Annual Artificial ground water recharge potential		
Sr. No	Description	Calculation
1	Average Annual Rainfall	919 MM per year
2	Quantity for rain water available area for recharging	91180 X 919 /1000 = 83794 M3/Year
3	Runoff from greenbelt open land & unpaved area @ 40 %	56546 X 0.40 X 919 /1000 =20786 M3/Year
4	Run off from road & Paved area @ 75 %	13455 X 0.75 X 919 /1000 =9273 M3/Year
5	Run off from roof top area @ 80 %	21175 X 0.8 X 919 / 1000 =15567 M3/Year
6	Total Artificial ground water recharge potential	20786 + 9273 + 15567 = 45626 M3/year

INDORE INSTITUTE OF PHARMACY IIP IIP

7.1.3 Quality audits on environment and energy regularly undertaken by the institution .

The institutional environment and energy initiatives are confirmed through the following.

2. Energy audit

Empirical Exergy Private Limited

Registered Office: 18-E, Sudama Nagar, Indore -452009
Office (Indore): Flat No. 201, Om Apartment, 214 Indrapuri, Indore (M.P.),
Contact: +91-731-4948831, Mobile: +91-78693-27256, 88713-68108
www.eeplgroups.com, email:-eempirical18@gmail.com
CIN No: U74999MP2018PTC045751

Ref No: EEPL/2021-22/C104 **Date: - 01-06-2022**

ENERGY AUDIT CERTIFICATE

This is certified that Empirical Exergy Private Limited (EEPL) Indore M.P. has conducted Energy audit at **Indore Institute of Pharmacy Indore (M.P)** for the academic Year 2020-21 and audit report has been submitted.

We avail this opportunity to express our deep and sincere gratitude to the management for their wholehearted support and co-operations during the energy audit.

This certificate is being issued on the basis of the Energy Audit conducted by EEPL.

For- **Empirical Exergy Private Limited**

EMPIRICAL EXERGY PRIVATE LIMITED INDORE (M.P.)

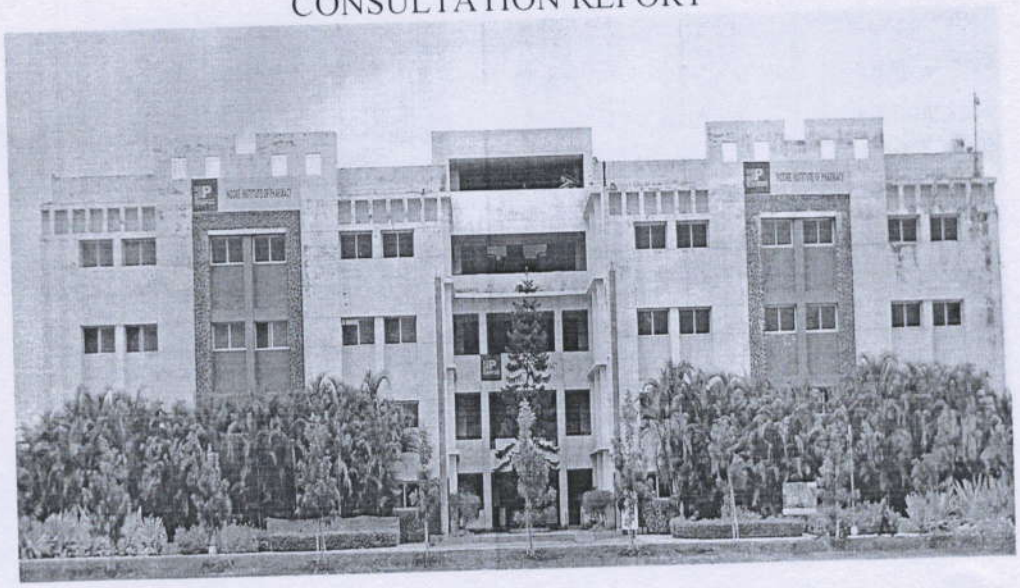
Rajesh Kumar Singadiya (Director)

M.Tech (Energy Management), PhD (Research Scholar)
Accredited Energy Auditor [AEA-0284]
Certified Energy Auditor [CEA-7271]
(BEE, Ministry of Power, Govt. of India)
Empanelled Energy Auditor with MPUVN, Bhopal M.P.
Lead Auditor ISO50001:2011 [EnMS) from FICCI, Delhi
Certified Water Auditor (NPC, Govt of India)
Charted Engineer [M-1699118], The Institution of Engineers (India)
Member of ISHRAE [58150]

INDORE INSTITUT OF PHARMACY IIP IIP

ENERGY AUDIT REPORT

CONSULTATION REPORT



Indore Institute of Pharmacy, Indore, M.P.

Rau - Pithampur Road, Opposite Indian Institute of Management, Rau, Indore, Madhya Pradesh 453331

PREPARED BY

EMPIRICAL EXERGY PRIVATE LIMITED

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(2020-21)

INDORE INSTITUT OF PHARMACY IIP IIP

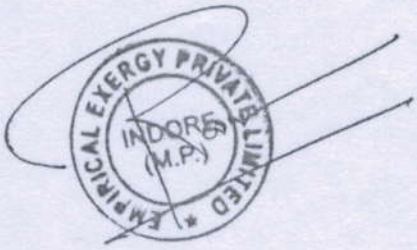
CONTENT

INDORE INSTITUT OF PHARMACY IIP IIP

ACKNOWLEDGEMENT

Empirical Exergy Private Limited (EEPL), Indore takes this opportunity to appreciate & thank the management of **Indore Institute of Pharmacy, Indore (M.P)** for giving us an opportunity to conduct energy audit for the College.

We are indeed touched by the helpful attitude and co-operation of all faculties and technical staff, who rendered their valuable assistance and co-operation the course of study.



Rajesh Kumar Singadiya

(Director)

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Member of ISHRAE [58150]

EXECUTIVE SUMMARY

The executive summary of the energy audit report furnished in this section briefly gives the identified energy conservation measures and other recommendation during the project that can be implemented in a phased manner to conserve energy, increase productivity inside the Institute campus.

Initiative Taken by Institute: -

LIGHTING SYSTEM

- 55 Nos of conventional T-8 (36 Watt) tube light replaced by 20-Watt energy efficient LED lighting. Its Appreciable.
- 16 Nos of 36 -Watt Square fitting replaced by 18-Watt energy efficient LED lighting.

SOLAR SYSTEM: -

- 05 KWp Solar roof top system project under implementation stage.

RECOMMENDATION: -

- **LIGHTING SYSTEM**

  It was observed that still there is good potential for replacement of "conventional T-8 (36 Watt) tube light by 20-Watt energy efficient LED lighting.
- It was observed that still there is good potential for round light (9W X 2 = 18 W CFL) replaced by energy efficient 09-Watt LED round light.
- **INSTALL ENERGY METER**

  It was observed that there is a common energy meter for all three campuses So it is recommended to install sub meter on all three campuses to identification of the energy consumption of college.
- **TIMER CONTROLLED STREET LIGHTS**

  Installation of "Timer control on high mast and street lighting" in university campus is recommended.

INDORE INSTITUTE OF PHARMACY IIP IIP

CHAPTER-1
INTRODUCTION

1.1 About College: -

Pharmaceutical field is evolving day by day and contributing more and more to the well-being of society. A 'Pharmacist' is a pivotal part of healthcare system, and his role is continuously expanding from being a dispenser of medicine to a researcher/technocrat and a patient counsellor. It is one of the few professions, which has shown significant growth rate over a period of time.

Indore Institute of Pharmacy has a glorious standing of 17 years and continues to evolve as the most reputed Pharmacy College in Indore city and Madhya Pradesh. The institute aims at holistic development of the students along with inculcation of attitude and skills that result in successful employment. We seek to instill a passion for learning in our students that brings significant changes in their thinking, attitude and personality. With experienced and dedicated faculty and excellent infrastructure, Indore Institute of Pharmacy help students to realize their professional goals in life. With a long and rewarding history of achievements in pharmacy education behind us, Indore Institute of Pharmacy family continues to move forward together with confidence, pride and enthusiasm.

COURSES OFFERED:

- D. Pharm. (Diploma in Pharmacy)
- B. Pharm. (Bachelor of Pharmacy)
- M. Pharm. (Masters of Pharmacy)
    - Pharmaceutics
    - Quality assurance

INDORE INSTITUT OF PHARMACY IIP IIP

Vision

To produce competent pharmacy professionals and value-based future leaders by offering quality education that incorporates training in Holistic Work-Life Management

Mission

1. To provide quality education and training to a budding pharmacist who can withstand a transforming healthcare system.
2. To bridge the gap between academia and creative professionals for industry 4.2 or 5.0.
3. Honing the students' future with the approach to creating emotional quotient with intelligence quotient for holistic development with the aim of Know thyself and be thyself willing to evolve.

Our Facilities

- Smart Campus
- Laboratories
- Library & resource Canter
- Hostel Accommodation
- Sports Facilities
- Transportation
- Auditoriums and seminar hall
- Animal House
- Canteen

INDORE INSTITUT OF PHARMACY IIP IIP

1.2 About College Campus:

The College is spread over 21385-Square meter with plenty of open space and sports area interspersed within academic buildings. The details of various department and building are given below:

Table1.1 Details of the various Buildings in College

SHAIL EDUCATION & WELFARE SOCIETY, INDORE								
Area Calculation of Shail Campus								
Sr. No.	Building Name	Building Area (Sq.m.)					Total Area (Sq.)	Floor Height "Ft."
		Basement	G.F.	F.F.	S.F.	T.F.		
1	IIP-Building	-	1416.21	1416.21	1416.21	1416.21	5664.84	11'6"
2	Workshop- 02 No.	-	723.53	-	-	-	723.53	16'6"
3	Canteen	-	699.47	699.47	-	-	1398.94	14'00"
4	Recreation hall "First Floor"	-	583.25	-	-	-	583.25	14'00"
5	Guest House	-	203.64	149.30	-	-	352.94	11'00"
6	Boy's Hostel	-	510.60	500.28	500.28	500.28	2011.44	10'6"
7	Girl's Hostel	-	363.62	363.62	363.62	363.62	1454.48	10'6"
8	Staff Quarter's	-	310.20	302.59	302.59	302.59	1217.97	11'6"
9	Lecture Hall Building	-	1300.64	1300.64	1300.64	1300.64	5202.56	13'00"
10	Sports Complex	1068.38	1244.90	882.58	-	-	3195.86	13'00"
11	Generator Room	-	170.11	-	-	-	170.11	15'00"
Total Building Area		**1068.38**	**7526.17**	**5361**	**3715**	**3715**	**21385.6**	

INDORE INSTITUT OF PHARMACY IIP IIP

COLLEGE BUILDING LAYOUT

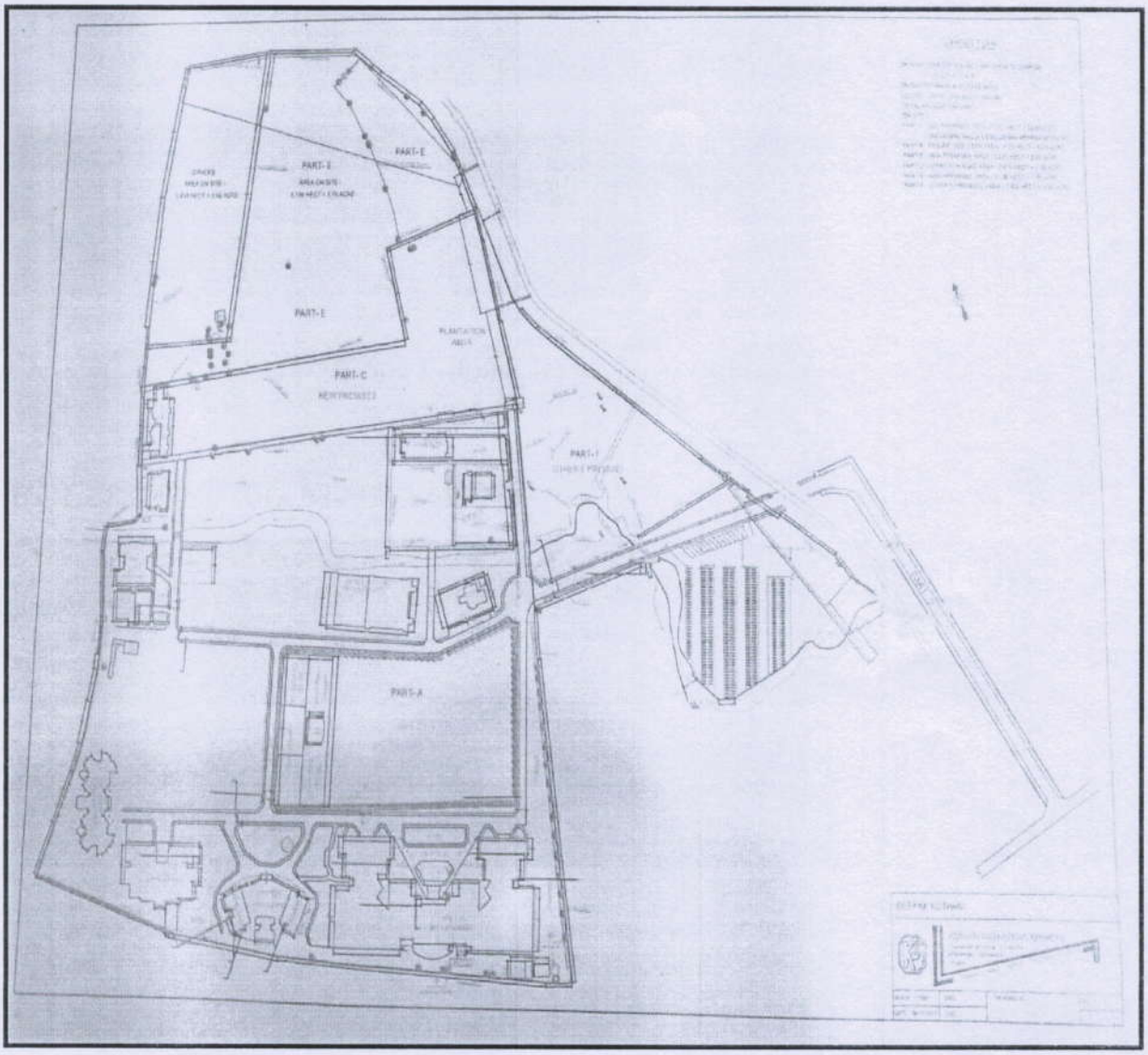
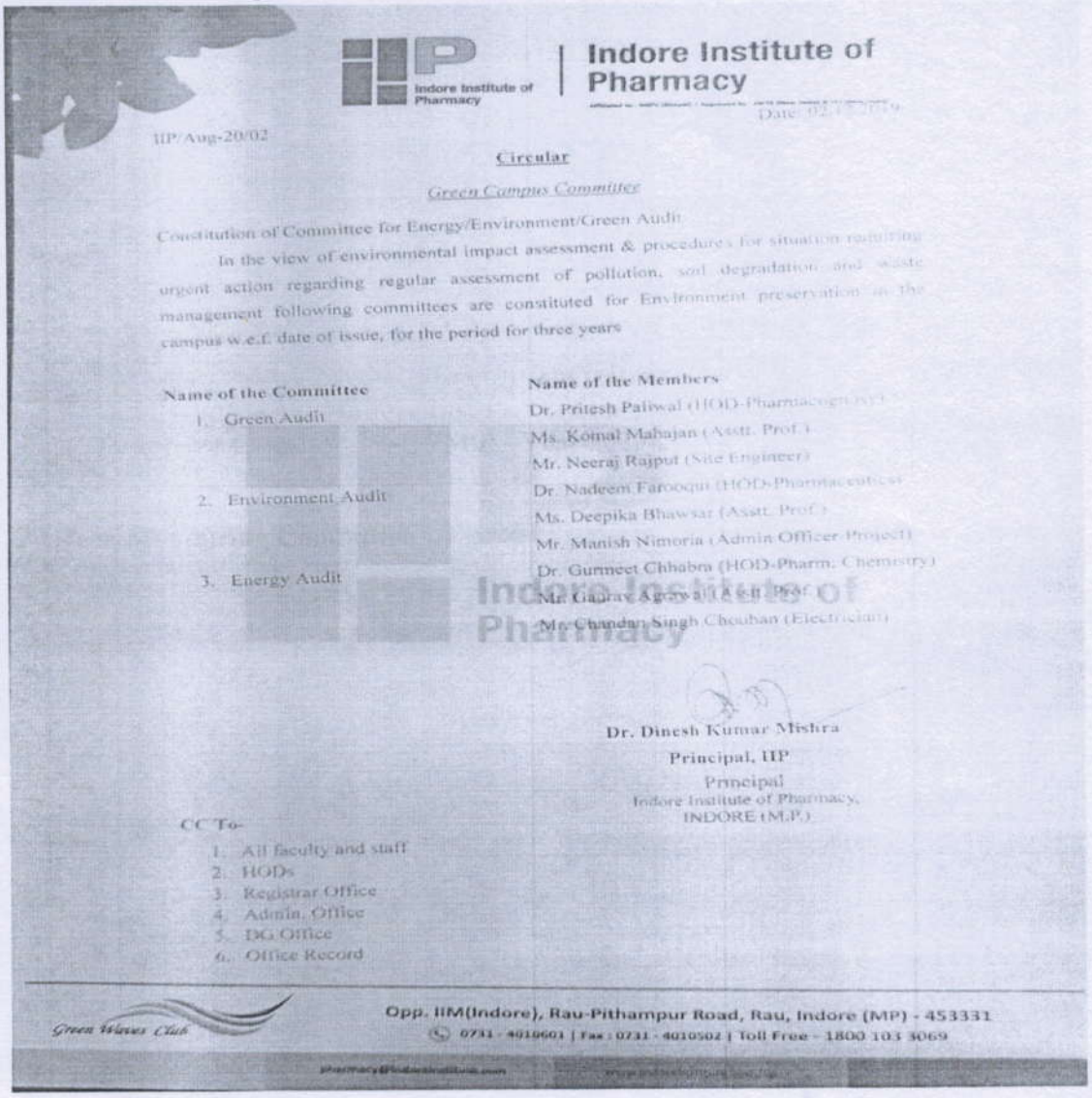


Figure 1.1:- Layout map of college

INDORE INSTITUT OF PHARMACY IIP IIP

1.3 Green Monitoring Committee



Indore Institute of Pharmacy

IIP/Aug-20/02

Date: 02.08.2020

Circular

Green Campus Committee

Constitution of Committee for Energy/Environment/Green Audit

In the view of environmental impact assessment & procedures for situation requiring urgent action regarding regular assessment of pollution, soil degradation and waste management following committees are constituted for Environment preservation in the campus w.e.f. date of issue, for the period for three years

Name of the Committee	Name of the Members
1. Green Audit	Dr. Pritesh Paliwal (HOD-Pharmacognosy) Ms. Komal Mahajan (Asstt. Prof.) Mr. Neeraj Rajput (Site Engineer)
2. Environment Audit	Dr. Nadeem Farooqui (HOD-Pharmaceutics) Ms. Deepika Bhawsar (Asstt. Prof.) Mr. Manish Nimoria (Admin Officer-Project)
3. Energy Audit	Dr. Gurneet Chhabra (HOD-Pharm. Chemistry) Mr. Gaurav Agarwal (Asstt. Prof.) Mr. Chandan Singh Chouhan (Electrician)

Dr. Dinesh Kumar Mishra
Principal, IIP
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

CC To-
1. All faculty and staff
2. HODs
3. Registrar Office
4. Admin. Office
5. DG Office
6. Office Record

Green Waves Club

Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore (MP) - 453331
0731 - 4010601 | Fax : 0731 - 4010502 | Toll Free - 1800 103 3069

1. 4 Energy Audit Team

The study team constituted of the following senior technical executives from **Empirical Exergy Private Limited,**

- **Mr. Rakesh Pathak** [Director]
- **Dr. Suresh Soni** [Reviewer]
- **Mrs. Laxmi Raikwar Singadiya**,[Energy Engineer]
- **Mr. Sachin Kumawat** [Project Engineer]
- **Mr. Ajay Nahra** [Site Engineer]

INDORE INSTITUT OF PHARMACY IIP IIP

1.5 About Energy Audit

Energy audit helps to understand more about the ways energy is used in any institute and helps in identifying areas where waste may occur and scope for improvement exists. The overall energy efficiency from generation to final consumer becomes 50%. Hence one unit saved in the end user is equivalent to two units generated in the power plant.

Energy audit is the most efficient way to identify the strength and weakness of energy management practices and to find a way to solve problems. Energy audit is a professional approach in utilizing economic, financial, and social and natural resources responsibility. Energy audits "adds value" to management control and is a way of evaluating the system.

Empirical Exergy Private Limited (EEPL), Indore M.P. carried out the "Energy Audit" at the site to find gaps in the energy consumption pattern for college. A technical report is prepared as per the need and the requirement of the project.

1.6 Objectives of Energy Auditing

An energy audit provides vital information base for overall energy conservation program covering essentially energy utilization analysis and evaluation of energy conservation measures. It aims at:

- Identifying the quality and cost of various energy inputs.
- Assessing present pattern of energy consumption in different cost centers of operations.
- Relating energy inputs and production output.
- Identifying potential areas of thermal and electrical energy economy.
- Highlighting wastage in major areas.
- Fixing of energy saving potential targets for individual cost centers.
- Implementation of measures for energy conservation & realization of savings.

INDORE INSTITUT OF PHARMACY IIP IIP

1.7 Methodology:

Methodology adopted for achieving the desired objectives viz.,: Assessment of the current operational status and energy savings include the following:

- Discussions with the concerned officials for identification of major areas of focus and other related systems.
- Team of engineers visited the site and had discussions with the concerned officials / supervisors to collect data / information on the operations and load distribution within the institute and same for the overall premises. The data was analyzed to arrive at a base line energy consumption pattern.
- Measurements and monitoring with the help of appropriate instruments including continuous and / or time-lapse recording, as appropriate and visual observations were made to identify the energy usage pattern and losses in the system.
- Trend analysis of costs and consumptions.
- Capacity and efficiency test of major utility equipment's, wherever applicable.
- Estimation of various losses
- Computation and **in-depth analysis** of the collected data, including utilization of computerized analysis and other techniques as appropriate were done to draw inferences and to evolve suitable energy conservation plan/s for improvements/ reduction in specific energy consumption.

INDORE INSTITUT OF PHARMACY IIP IIP

CHAPTER- 2
POWER SUPPLY SYSTEM

2.1 Power Station & Transformer:

The power supply for the College is from MPPKVV CO. Limited with the help of 33 kV feeders under Tariff HV3.2. B 33 KV Non-Industrial with contract demand 300 kVA. There is one Step down transformer with capacity 950 kVA. The details are given in following table.

Table: 2.1 **Name plate details of transformer**

Sr. No.	Items	Technical Specification of Transformer
1	Make	Madhya Pradesh Transformers
2	Year	2012
3	Rating (kVA)	950
4	Voltage (HV/ LV)	33000/433
5	Current Rating (HV/ LV)	16.62/1266.7
6	Frequency (Hz)	50
7	Impedance at 75°C (%)	5.00
8	Vector group	Dyn-11
9	Type of cooling	ONAN
10	Total no of Tap	5
11	Ideal Tap Potion	3

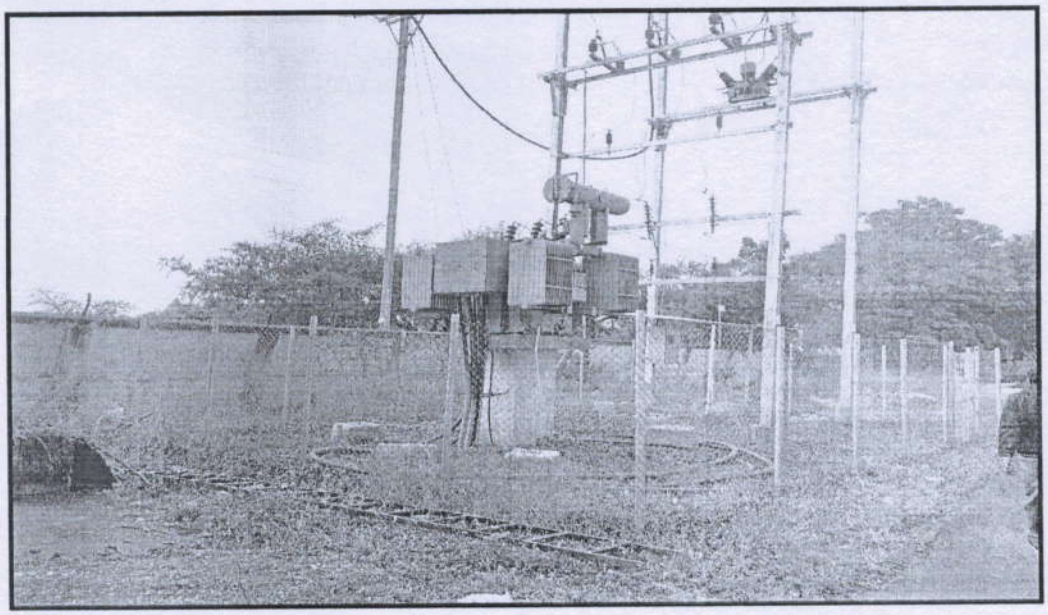


Fig 2.1: 33 kV Feeder and 950 kVA Transformer

INDORE INSTITUT OF PHARMACY IIP IIP

Table 2.2: Calculated Transformer Loading % Year (2020-21)

Sr. No	Month & Year	Contract Demand (KVA)	Maximum Demand (KVA)	TR Loading (%)
1	Jul-20	300	44	4.63
2	Aug-20	300	86	9.05
3	Sep-20	300	87	9.16
4	Oct-20	300	74	7.79
5	Nov-20	300	69	7.26
6	Dec-20	300	80	8.42
7	Jan-21	300	81	8.53
8	Feb-21	300	90	9.47
9	Mar-21	300	102	10.74
10	Apr-21	300	81	8.53
11	May-21	300	63	6.63
12	Jun-21	300	63	6.63
	Average TR loading Year -2020-21			8.07

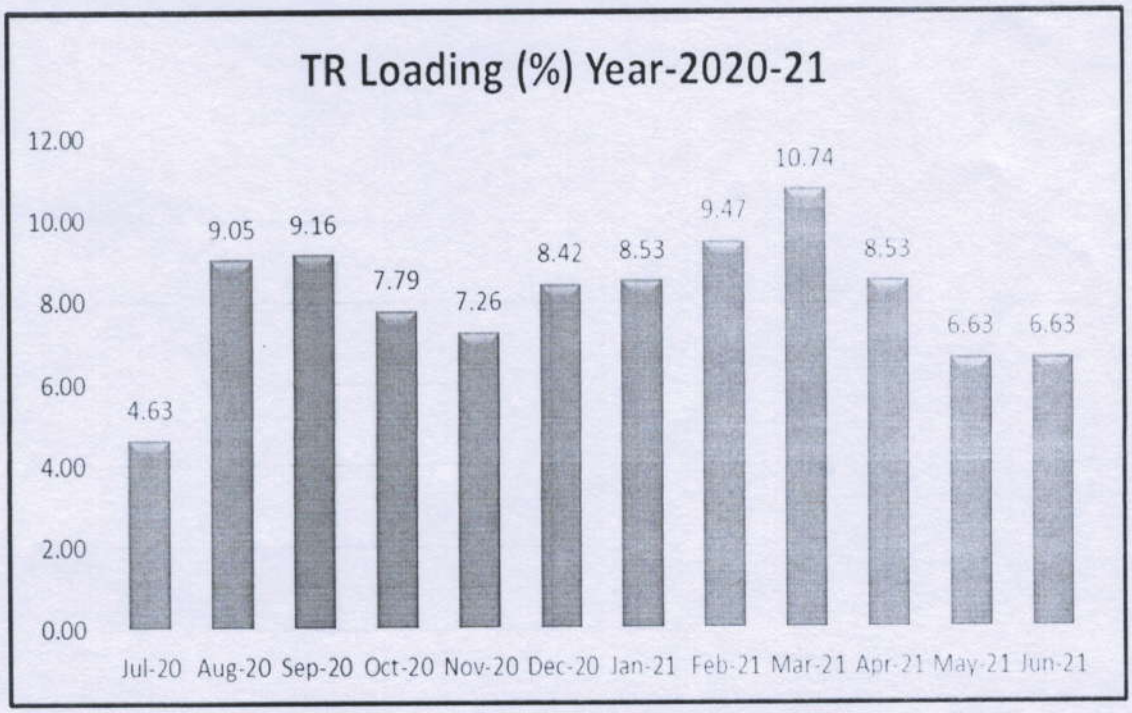


Fig 2.2: Graphical presentation of TR loading percentage Year 2020-21

Observation:

It was observed that average loading on TR is 8.07 %. It is Acceptable

INDORE INSTITUT OF PHARMACY IIP IIP

2.2 DG Set :-

There is 1 DG set in power house . Detailed of the DG Sets are given table2.3:

Table 2.3 Technical Specifications for DG sets

Sr. No.	Parameter	Technical Specification DG Set
1	Make	Trident Power craft private Limited
2	M/C No	GS3L109G80210
3	Capacity	250 KVA
4	Rated Voltage	415
5	Full load current	347.8
6	Frequency	50 Hz
7	Power factor	0.80
8	RPM	1500
9	Phase	3

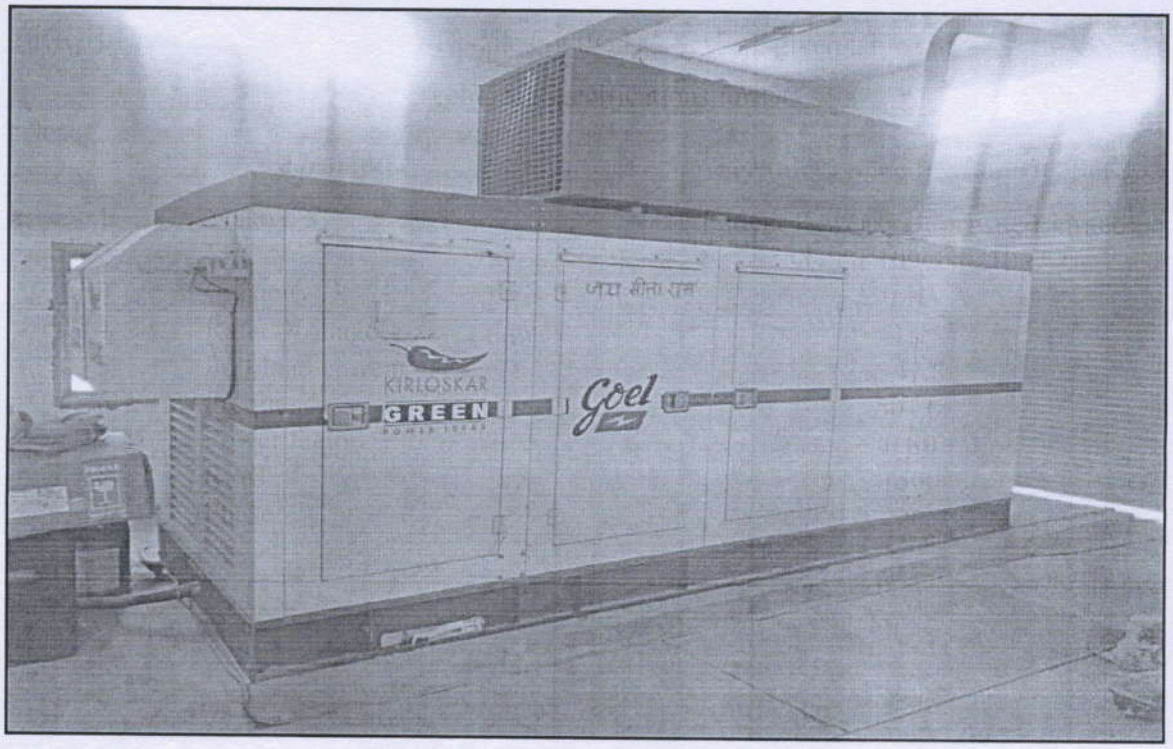


Figure 2.3 DG set in Power House

Observation: -

- DG set use only in case of grid power failure.
- There is no system to monitor fuel consumptions w.r.t. unit generation.

INDORE INSTITUT OF PHARMACY IIP IIP

CHAPTER- 3
Electrical Load Analysis

3.1 Connected load details of IIP Campus.

Sr. No	Equipment's	Ground Floor	First Floor	Second Floor	Third Floor	Total
1	Tube light (36 Watt)	75	85	74	61	**240**
2	LED Tube light (20 Watt)	2	0	0	0	**2**
3	Square Light 2 X 2 (36 Watt)	0	24	0	0	**16**
4	Celling Fan	47	68	52	50	**217**
5	A.C	2	2	2	0	**6**
6	Exhaust Fan	2	2	2	2	**8**

Sr. No	Equipment's	Total	Unit Watt	Total watt
1	Tube light (36 Watt)	240	36	8640
2	LED Tube light (20 Watt)	2	20	40
3	Square Light 2 X 2 (36 Watt)	16	36	576
4	Celling Fan	217	80	17360
5	A.C	6	1500	9000
6	Exhaust Fan	8	120	960
	Total Connected Load			**36576**

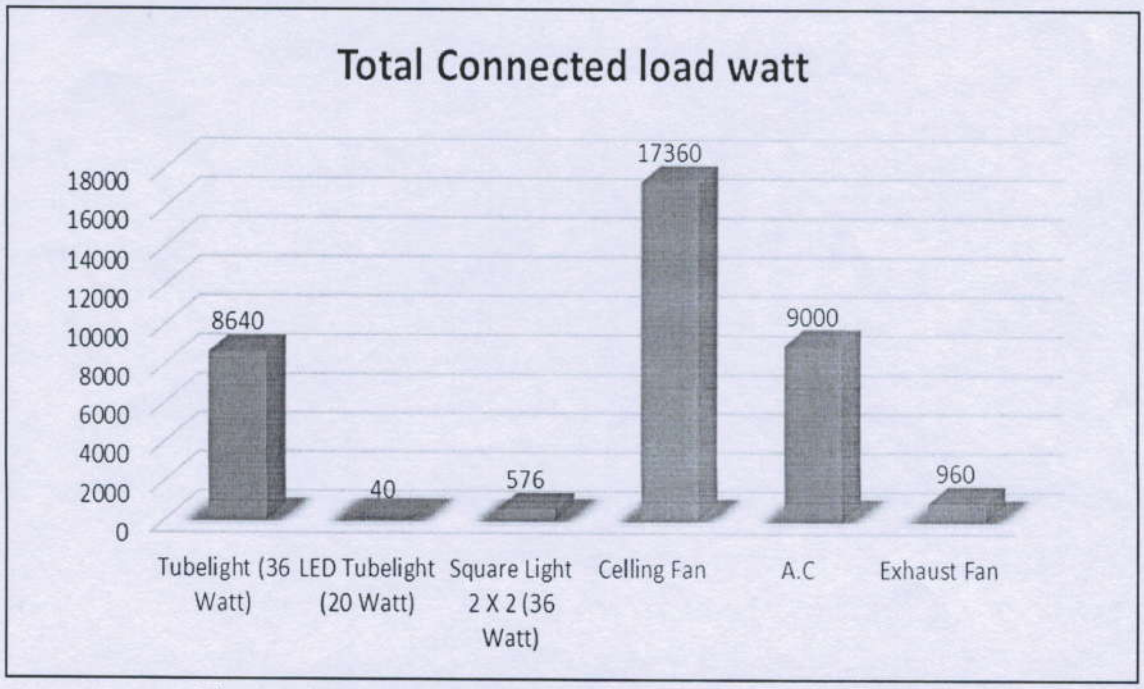
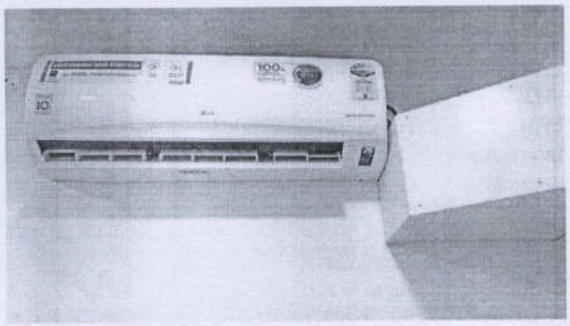
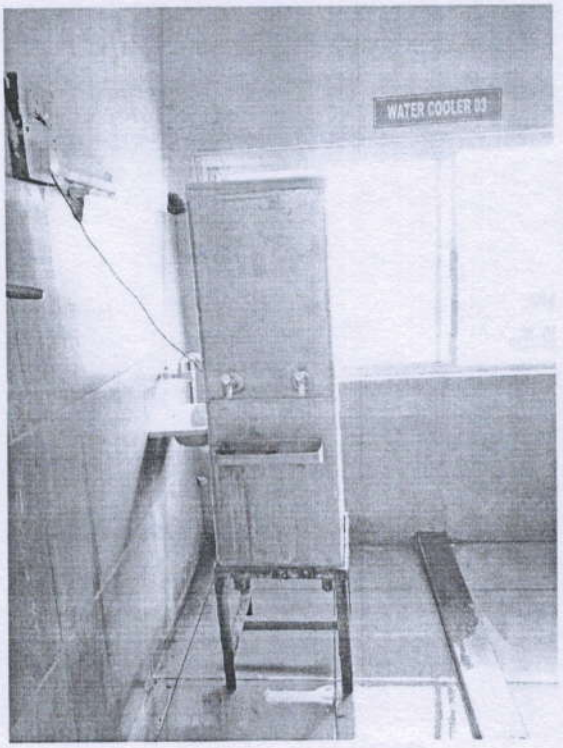


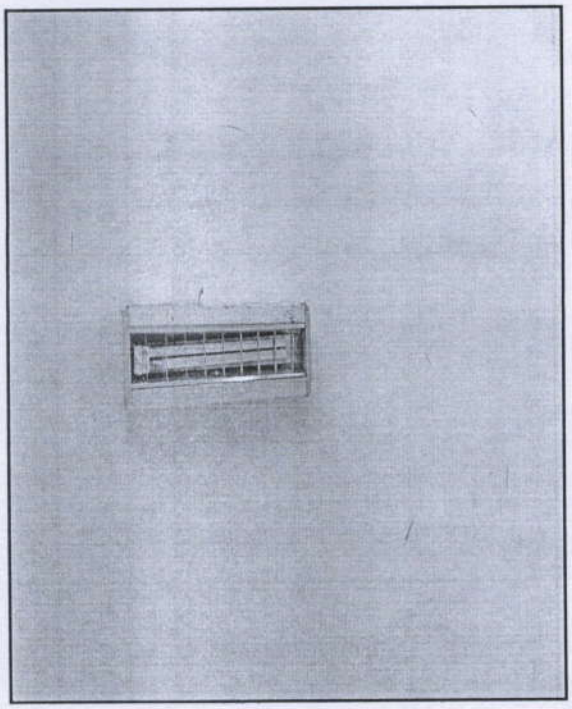
Figure:- 3.1 Graphical presentation of Connected load details

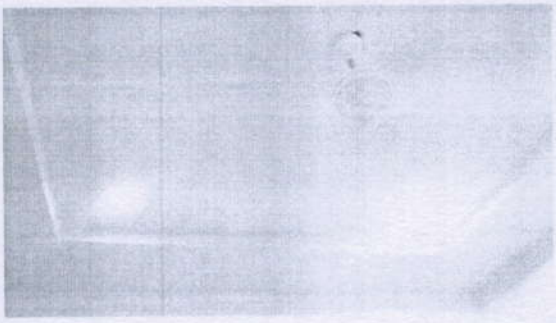
INDORE INSTITUT OF PHARMACY IIP IIP

3.2 Some Photograph of Electrical Equipment's: -









INDORE INSTITUT OF PHARMACY IIP IIP

3.3 On site Power Measurement: -

Sr.No	Location	Voltage	Current	PF	kW
1	IIP (Ground Floor)	426	13.43	0.923	9.1
2	IIP (First Floor)	425	9.87	0.911	6.6
3	IIP (Second Floor)	421	6.76	0.921	4.5
4	IIP (Third Floor)	418	5.9	0.925	4.0
Total Connected Load					**24.3**

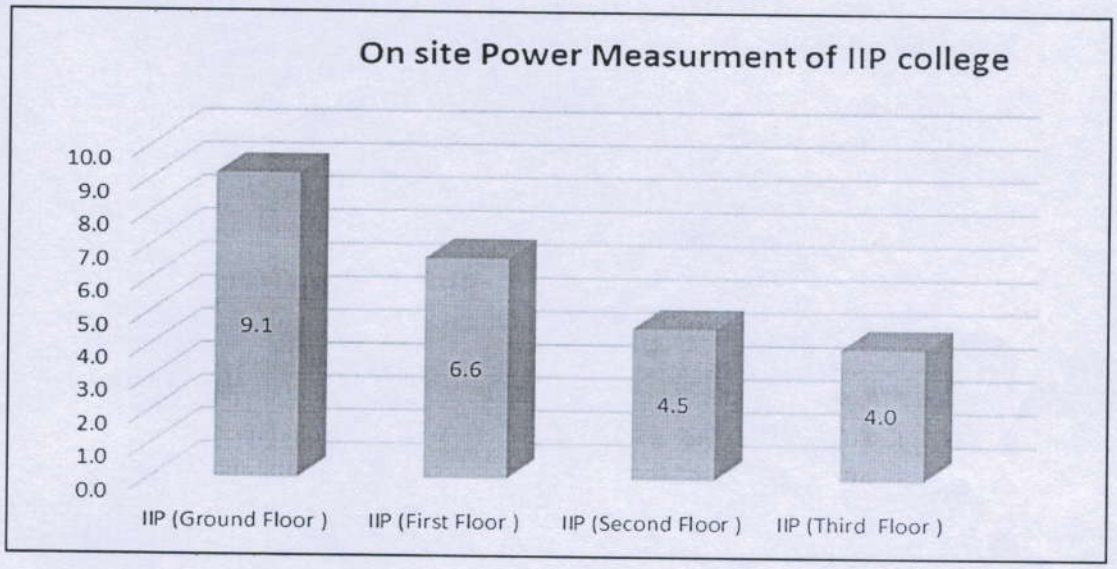


Figure 3.3 :- Graphical presentation of onsite power measurement

INDORE INSTITUT OF PHARMACY IIP

3.4 Other Connected load details.

Connected load details of Girls Hostel: -

Sr. No	Equipment's	Ground Floor	First Floor	Second Floor	Third Floor	Total
1	Tube light	13	28	28	28	97
2	Bulb (09 Watt)	16	16	16	16	64
3	Celling Fan	17	16	16	16	65
4	Exhaust Fan	2	2	2	2	8

Sr. No	Equipment's	Unit Watt	Quantity	Total Watt
1	Tube light	20	97	1940
2	Bulb (09 Watt)	9	64	576
3	Celling Fan	80	65	5200
4	Exhaust Fan	120	8	960
Total Connected Load				8676

Connected load details of Boys Hostel: -

Sr. No	Equipment's	Ground Floor	First Floor	Second Floor	Third Floor	Total
1	Tube light	28	31	14	22	95
2	Bulb (09 Watt)	55	55	35	30	175
3	Celling Fan	22	23	16	13	74
4	Exhaust Fan	2	2	2	2	8

Sr. No	Equipment's	Unit Watt	Quantity	Total Watt
1	Tube light	20	95	1900
2	Bulb (09 Watt)	9	175	1575
3	Celling Fan	80	74	5920
4	Exhaust Fan	120	8	960
Total Connected load				10355

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Connected load details Staff Residency Campus

Sr. No	Equipment's	Ground Floor	First Floor	Second Floor	Third Floor	Total
1	Light (2 X 2)	6	2	1	1	10
2	LED (12 Watt)	5	3	1	2	11
3	Celling Fan	10	10	12	16	48
4	LED Bulb	13	11	16	15	55

Sr. No	Equipment's	Unit Watt	Quantity	Total Watt
1	Light (2 X 2)	36	10	360
2	LED (12 Watt)	12	11	132
3	Celling Fan	80	48	3840
4	LED Bulb	9	55	495
Total Connected load				4827

Connected load details Guest Houses.

Sr. No	Equipment's	Ground Floor	First Floor	Total
1	LED Tube Light	6	4	10
2	LED Bulb	22	10	32
3	CFL (18 Watt)	12	13	25
4	Celling Fan	10	8	18
5	AC	4	3	7
6	Round Light	2	3	5
7	Exhaust Fan	3	2	5
8	Bulb (12 watt)	6	6	12
9	Water Geyser	2	2	4

Sr. No	Equipment's	Unit Watt	Quantity	Total Watt
1	LED Tube Light	20	10	200
2	LED Bulb	9	32	288
3	CFL (18 Watt)	18	25	450
4	Celling Fan	80	18	1440
5	AC	1500	7	10500
6	Round Light	18	5	90
7	Exhaust Fan	120	5	600
8	Bulb (12 watt)	12	12	144
9	Water Geyser	2000	4	8000
Total connected load				**21712**

Connected load of Canteen

Sr. No	Equipment's	Quantity
1	Tube light	32
2	LED (2 X 2)	11
3	LED (36 Watt)	30
4	LED (18 Watt)	7
5	Celling Fan	47
	Total	**127**

Sr. No	Equipment's	Unit Watt	Quantity	Total Watt
1	Tube light	20	32	640
2	LED (2 X 2)	18	11	198
3	LED (36 Watt)	36	30	1080
4	LED (18 Watt)	18	7	126
5	Celling Fan	80	47	3760
Total Connected load				**5804**

INDORE INSTITUT OF PHARMACY IIP IIP

IIP/Aug-20/02

Date: 02.12.2019

Circular

Green Campus Committee

Constitution of Committee for Energy/Environment/Green Audit

In the view of environmental impact assessment & procedures for situation requiring urgent action regarding regular assessment of pollution, soil degradation and waste management following committees are constituted for Environment preservation in the campus w.e.f. date of issue, for the period for three years

Name of the Committee	Name of the Members
1. Green Audit	Dr. Pritesh Paliwal (HOD-Pharmacognosy) Ms. Komal Mahajan (Asstt. Prof.) Mr. Neeraj Rajput (Site Engineer)
2. Environment Audit	Dr. Nadeem Farooqui (HOD-Pharmaceutics) Ms. Deepika Bhawsar (Asstt. Prof.) Mr. Manish Nimoria (Admin Officer-Project)
3. Energy Audit	Dr. Gurmeet Chhabra (HOD-Pharm. Chemistry) Mr. Gaurav Agrawal (Asstt. Prof.) Mr. Chandan Singh Chouhan (Electrician)

Indore Institute of Pharmacy

Dr. Dinesh Kumar Mishra
Principal, IIP

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

CC To-

1. All faculty and staff
2. HODs
3. Registrar Office
4. Admin. Office
5. DG Office
6. Office Record

3. clean and green campus initatives

3.1Inauguration of Green Waves Club

"Learning to live sustainably' is the core idea of **constituting "Green Waves" Club**. It shall not be just yet another extracurricular activity but the integral part of the value system followed by **IIP** to promote awareness not only inside the campus but to the wider world.

The novel initiative of launching of IIP "Green Waves" Club lies in the fact that it moves beyond theories and textbooks aiming at solely concentrating on 'doing' to save the mother earth. It is an environmental activity directed to subtly sensitize students, Staff members and others through thought provoking ideas to curtail the mining of natural resources such as

1. Conserving bio diversity by planting trees.
2. By cultivating organic vegetables and crops.
3. Say "Big No" to use of plastic bags, bottles and cans.
4. Water harvesting and water management in our day to day usage.
5. By promoting Agro-forestry.

Under the dynamic leadership of Shri Arun S Bhatnagar , Director General of IIST/IIP/IIMR, who conceived this novel project and plan to engage the entire group of institutions to take forward this noble cause of saving the environment ,our institutions proudly announce the inauguration of Green Waves Club on 1st July 2k18 (Sunday) at 2:00 pm – A Green initiative towards the conservation of the nature at the campus.

The club will be inaugurated by Hon'ble Chief guest **Shri Patanjali (Principal Commissioner of Income Tax, Bhopal)** who has worked for cleaning river Ganga and hosted sadhguru during **"Rally for Rivers" campaign.**

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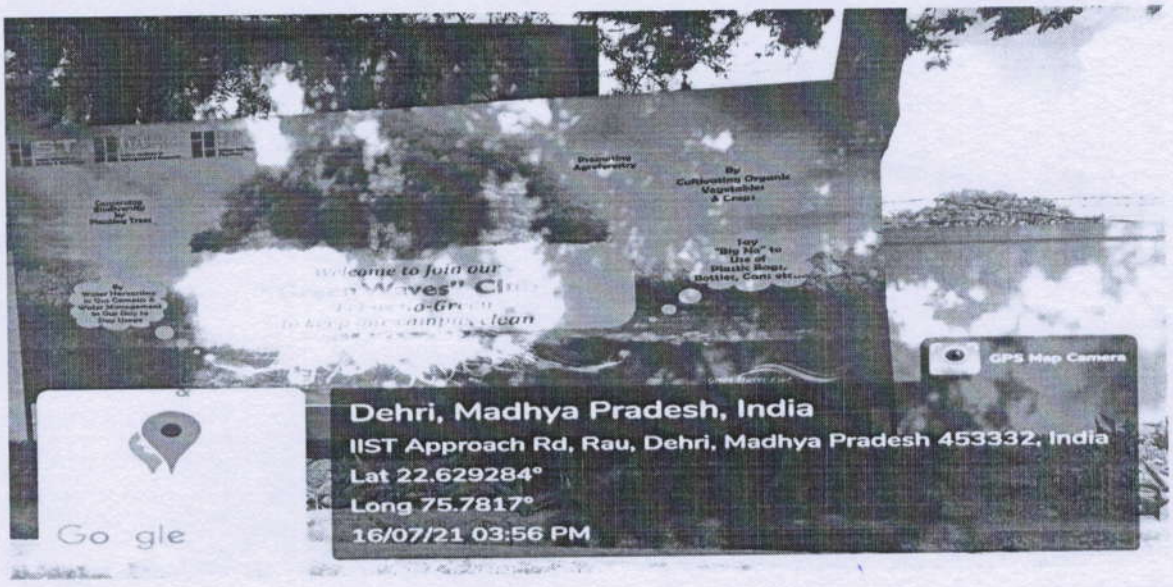
3.2 Plantation under green wave club



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Inauguration of green wave club

Inauguration of green wave club

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3.3 Media coverage

Inauguration of green wave club

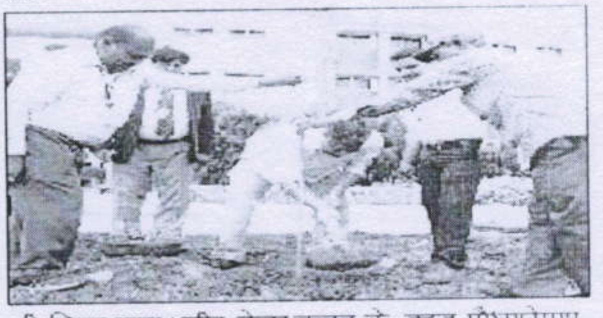
IIST launches green webs initiative

A green webs initiative was recently launched by Indore Institute of Science and Technology at college premises. College director General Aun S Bhatnagar said the initiative aims to conserve the plants and to increase awareness regarding plant conservation among students. He added that about 1000 students planted saplings which are named after them. The reason behind naming was to keep students attached and so that they maintain the plant as well. Bhatnagar said organic farming is also being done in the college premises and the produce will be used in college canteen. The chief guest of the programme was Bhopal income tax commissioner Shri Patanjali. The plantation drive was followed by felicitation of students excelling in academics.

FREE PRESS Tue, 03 July 2018
epaper.freepressjournal.in/c/30031194

INDORE INSTITUT OF PHARMACY IIP IIP

पर्यावरण संरक्षण के लिए शुरू किया ग्रीन वेव्स क्लब



इंदौर। दीर्घकालिक जीवन की अवधारणा को ध्यान में रखते हुए आईआईएसटी, आईआईपी और आईआईएमआर कॉलेज में ग्रीन वेव्स क्लब की स्थापना की गई है। इसका मुख्य उद्देश्य एक्स्ट्रा करिकुलर एक्टिविटी नहीं, बल्कि कैंपस के साथ जनता में पर्यावरण संरक्षण के लिए जागरूकता बढ़ाना है। क्लब को संस्था के डायरेक्टर जनरल अरुण एस. भटनागर ने प्रस्तावित किया था। इसका शुभारंभ रैली फॉर रिवर्स कैंपेन में महत्वपूर्ण भूमिका निभाने वाले आयकर विभाग (भोपाल) के प्रिंसिपल कमिश्नर पतंजलि ने किया। उन्होंने पर्यावरण त्रासदी के पांच तथ्य बताते हुए कहा कि आने वाले समय में देश का हर आठवां व्यक्ति कैंसर से ग्रस्त होगा। यदि तापमान इसी तरह बढ़ता रहा तो 44 शहरों का अस्तित्व समाप्त हो जाएगा और धूल भरी आंधियां चलेंगी। कृषि वानिकी ही भूजल स्तर को बनाए रखने का एकमात्र उपाय है।

कॉलेज परिसर में उपलब्ध 6.5 एकड़ कृषि भूमि पर ऑर्गेनिक फार्मिंग का शुभारंभ भी किया। इसमें बोई गई सब्जियों का कॉलेज कैंटीन में प्रयोग किया जाएगा। इस मौके पर प्रतिभावान विद्यार्थियों को सम्मानित भी किया गया। ग्रीन वेव्स क्लब के तहत पौधारोपण, जैविक खेती, प्लास्टिक बैग के इस्तेमाल पर पूर्ण रोक, जल संवर्धन और कृषि वानिकी जैसी गतिविधियां की जाएंगी। प्रिंसिपल डॉ. वीआर रघुवीर, डॉ. मनका जैन व डॉ. मयंक सक्सेना ने इंस्टीट्यूट के बारे में जानकारी दी। चीफ एडमिन ऑफिसर मुकेश तिवारी ने परिसर में उपलब्ध सुविधाओं की जानकारी दी। वहीं चीफ प्लेसमेंट ऑफिसर एएस किन्दड़ा ने शत प्रतिशत प्लेसमेंट की जानकारी दी।

इस अवसर पर डेली कॉलेज के बोर्ड ऑफ गवर्नर्स के उपाध्यक्ष देवराज बड़गारा, बोर्ड मेंबर सजय पाहवा, अभिमन्यु गद्दा, उपप्राचार्य अहमद अंसारी, ओल्ड डेलियंस एसोसिएशन के अध्यक्ष कृपाल सिंह, कोषाध्यक्ष हर्ष सोमैया, सचिव मयूर सिंह झाबुआ, जैविक खेती के विशेषज्ञ एवं उद्योगपति अंबरीश केला, अनिल वाघ, तथा ट्री ग्रो नामक एनजीओ के सदस्यों ने भी पौधरोपण के कार्यक्रम में हिस्सेदारी की।

आइआइएसटी : ग्रीन वेव्स इनिशिएटिव शुरू

हरियाली बचाने और बढ़ाने के लिए इंदौर इंस्टिट्यूट ऑफ साइंस एंड टेक्नोलॉजी (आइआइएसटी) में ग्रीन वेव्स अभियान की शुरुआत की गई। इसमें एक साथ सैकड़ों छात्रों ने पौधारोपण किया। कॉलेज के डायरेक्टर जनरल अरुण एस भटनागर ने बताया, कार्यक्रम का मकसद हरियाली को बचाना तथा छात्रों में हरियाली के प्रति जनजागृति लाना है। ग्रीन वेव्स इनिशिएटिव में छात्रों के नाम के साथ पौधे लगाए जा रहे हैं ताकि पौधों के साथ उनका अटैचमेंट रहे और वे उनकी देखभाल करते रहें। कॉलेज कैंपस में नीम, कदम, बबूल आदि के पौधे खास तौर पर रोपे गए हैं। इसके साथ ही कॉलेज परिसर में ऑर्गेनिक खेती भी शुरू की गई है, जिसके उत्पाद कॉलेज के कैंटीन में उपयोग किए जाएंगे। इस कार्यक्रम के मुख्य अतिथि भोपाल के इनकम टैक्स कमिश्नर पतंजलि थे। कार्यक्रम को संबोधित करते हुए पतंजलि ने कहा, हरियाली हमारी धरोहर है, चूंकि ये प्रकृति ने हमें मुफ्त दी है, इसलिए हम इसका महत्व नहीं समझ रहे है। कार्यक्रम को संबोधित करते हुए अरुण भटनागर ने कहा, हर छात्र को जीवन में कम से कम एक पौधा लगाना चाहिए। इस मौके पर मेधावी छात्रों का सम्मान भी किया। उन्हें उपहार स्वरूप मोबाइल दिए गए।

सदगुरु ट्रस्ट : जय जयवंती नदी किनारे होगा सघन पौधा रोपण

श्री सदगुरु ग्रामीण विकास ट्रस्ट ने जय जयवंती नदी किनारे पर सघन पौधारोपण का संकल्प लेते हुए ग्रीन संडे को

पत्रिका Tue, 03 July 2018
epaper.patrika.com/c/30032536

INDORE INSTITUT OF PHARMACY
IIP IIP

स्टूडेंट्स के नाम पर लगा रहे पौधे

हरियाली बचाने के लिए ग्रीन वेल्स इनिसिएटिव शुरू

इंदौर, 1 जुलाई. हरियाली बचाने के लिए इंदौर इंस्टिट्यूट ऑफ़ साइंस एंड टेक्नोलॉजी में ग्रीन वेल्स अभियान की शुरुआत की गई. कार्यक्रम के दौरान एक साथ सैकड़ों छात्रों ने पौधारोपण किया.

कॉलेज के डायरेक्टर जनरल अरुण एम. भटनागर ने बताया कि इस कार्यक्रम का मकसद हरियाली को बचाना तथा छात्रों में हरियाली के प्रति नव चेतना लाना है. ग्रीन वेल्स इनिसिएटिव में छात्रों के नाम के साथ पौधे लगाए जा रहे हैं ताकि पौधों के साथ अटैचमेंट रहे और उसकी देखभाल करना रहे. पौधारोपण में वही पौधे लगाए गए हैं जिन पर पक्षी आकर बैठे और एक पर्यावरणीय वातावरण तैयार हो सके. नीम, कदम, बकुल आदि के पौधे मुख्य तौर पर रोपे गए हैं. इसके साथ ही कॉलेज परिसर में जैविक खेती भी शुरू की गई है जिसकी सब्जियां व अन्य उत्पाद कॉलेज के कैंटीन में उपयोग किये जायेंगे.

शुरुआत के मुख्य अतिथि भोपाल के इनकम टैक्स कमिश्नर श्री पतंजलि थे. कार्यक्रम को संबोधित करते हुए श्री पतंजली ने कहा कि हरियाली हमारी धरोहर है चुंकी ये प्रकृति ने हमे मुफ्त दी है इसलिए हम इसका महतव नही समझ रहे है. आने वाले समय में ये प्राकृतिक संपदा नही रही तो जीवन मुश्किल हो जायगा. कार्यक्रम को संबोधित करते हुए श्री भटनागर ने कहा कि हर छात्र को जीवन में कम से कम एक पौधा लगाना चाहिए. पौधों के साथ अटेचमेंट के लिए इसमें छात्रों के नाम भी लिखे जा रहे है.

मेघावी विद्यार्थियों का सम्मान

साथ ही इस अवसर पर मेधावी विद्यार्थियों का सम्मान भी किया गया। यह छात्र इंदौर के आसपास के शहरों के थे । इन्हें कक्षा 12वीं में 70 प्रतिशत से ज्यादा अंक लाने पर सम्मानित किया गया. उपहार स्वरूप इन बच्चों को एक मोबाइल भी प्रदान किया गया. इस कार्यक्रम में सोध्यल कांसट्रेट वेलफेयर सोसायटी का विशेष सहयोग रहा.

INDORE INSTITUT OF PHARMACY IIP

Swachata Pakhwada

Indore Institute of Pharmacy
www.indoreinstitute.com

Indore Institute of Pharmacy
Affiliated to - RGPV (Bhopal) | Approved by - AICTE (New Delhi) & PCI (New Delhi)

IIP/IEB/2020/5905

To
Dr. Manju Singh
Senior Student Welfare
RGPV, Bhopal

Reference: RGPV/Student welfare/ 2020/257

Subject: Regarding submission of "SWACHATA PAKHWADA 2020" report

Respected Madam,

With reference to above subject Indore Institute of Pharmacy has conducted "SWACHATA PAKHWADA 2020" as per the notification from 16.01.2020 to 31.01.2020. Report and photographs of the conducted program has been enclosed as an attachment. Please find the attachment for the same.

Thanking you

Enclosure: Report and photographs

Your's Faithfully
Dr. Dinesh Kumar Mishra
Principal
IIP, Indore

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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ANNEXURE-II

List of activities to be undertaken in HEIs during Swachhata Pakhwada 2020

S. No.	Date	Activity
1.	16.01.2020	Swachhta pledge taking ceremony
2.	17.01.2020	**Plantation** of saplings (with high CO2 absorption rate)
3.	18.01.2020	Development and presentation of innovative technologies for waste recycling, energy conservation etc., if any
4.	20.01.2020	**Competitions** regarding swachhta – speech, poster making, slogan writing, etc
5.	21.01.2020	• Organisation of cleanliness **drive** in campus with active participation of students, faculty and non-faculty • Weeding out / recording of old files, records as per procedure
6.	22.01.2020	**Competitions** regarding water conservation – speech, poster making, slogan writing, etc.
7.	23.01.2020	**Talk show** on swachhta - create awareness among students on all aspects of Swachhta – personal, physical, mental, environmental, societal etc.
8.	24.01.2020	**Competitions** regarding forest conservation – speech, poster making, slogan writing, etc.
9.	25.01.2020	• Cleanliness **drive** in hostels with active participation of students and hostel staff • Special stress on maintenance of kitchen, food waste management and cleanliness
10.	27.01.2020	**Competition** 'Best out of waste' – creating useful items out of waste materials in the surroundings
11.	28.01.2020	• Organisation of special **drive** on water conservation • Check wastage of water and take appropriate measures to rectify
12.	29.01.2020	**Village activities** by institutions in association with NGOs • Say no to single use plastic • Awareness camps regarding cleanliness thorough road show, nukkad natak, songs, poems, display of banner etc.
13.	30.01.2020	• **Presentation of reports** on village visit by students, action taken thereon and suggestion • Barrier free access to drinking water and toilet facilities for Divyang students may be reviewed and ensured
14.	31.01.2020	**Prize distribution ceremony** for winners in the competitions organised, with display of top 10 entries of poster, slogan, 'Best out of waste', presentation of innovative technologies for waste recycling, energy conservation etc.

INDORE INSTITUT OF PHARMACY IIP IIP

REPORT ON SWACHATA PAKHWADA 2020

As per the notice from RGPV SWACHATA PAKHWADA 2020 was organized in Indore Institute Of Pharmacy from 16.01.2020 to 31.01.2020. Under the program different competitions were organized and students participated with full enthusiasm and made the program successful. Related to this program some photographs and details are attached as report.

Day one (16.01.2020): Students were gathered in a class room and the Swachata pledge taking ceremony was conducted.

Day two (17.01.2020) : Plantation was done under the guidance of Dr. Pritesh Paliwal in the college farm, different plants were planted and importance of plantation was explained to students and were motivated to do the same every year.

Day three (18.01.2020): Students were made aware of new technologies used for the recycling of waste and energy conservation by different you tube videos and links for were shared to develop more innovation in the field.

Day four (20.01.2020): Speech and Slogan competition on the topic "SWACHATA". Total 06 students in speech and 26 students in slogan participated. Each competition was rewarded with a winner and runner.

Day five (21.01.2020): Cleanliness drive was organized in the campus. Premises , medicinal garden, and campus was cleaned by students, faculty and staff.

Day six (22.01.2020): Speech and Slogan competition on the topic "WATER CONSERVATION". Total 05 students in speech and 25 students in slogan participated. Each competition was rewarded with a winner and runner.

Day seven (23.02.2020): Talk was given by faculties on swachata and personal hygine.

Day eight (24.02.2020): Speech and Slogan competition on the topic "FOREST CONSERVATION". Total 05 students in speech and 11 students in slogan participated. Each competition was rewarded with a winner and runner.

Day nine (27.02.2020): "BEST OUT OF WATE" was organized and total 5 groups participated

Day ten (28.02.2020): Students were given demo of water harvesting plant Established in college campus.

Day eleventh (31.02.2020): students were appreciated for their efforts and winners of each competition were awarded .

Principal
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INDORE (M.P.)

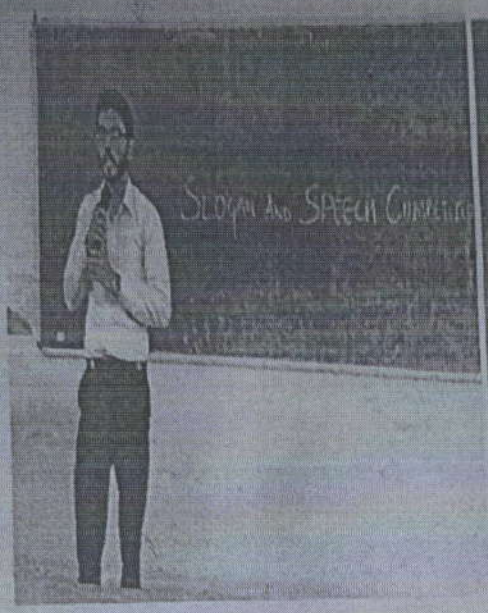
INDORE INSTITUT OF PHARMACY IIP IIP

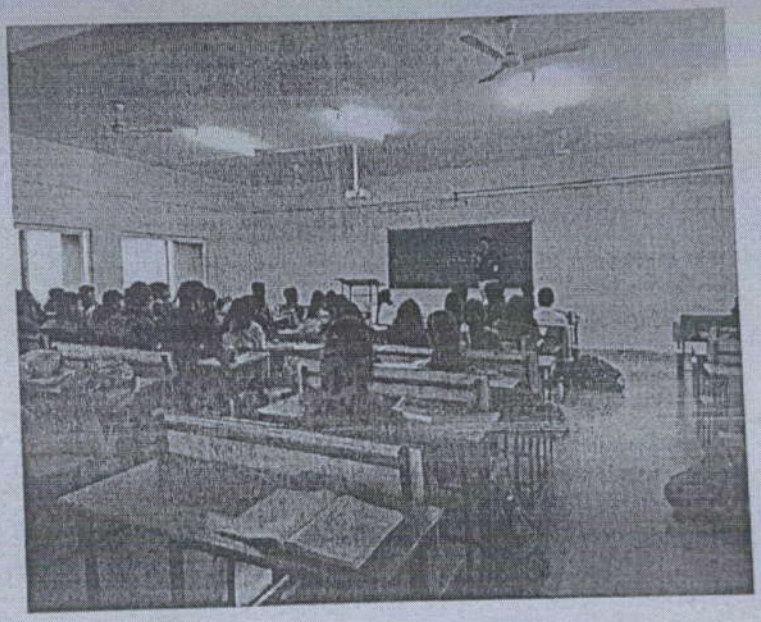
GIMPLESES OF THE PROGRAM

"CLEANLINESS DRIVE"

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

INDORE INSTITUT OF PHARMACY IIP





"SPEECH COMPETITION"

Principal
Indore Institute of Pharmacy,
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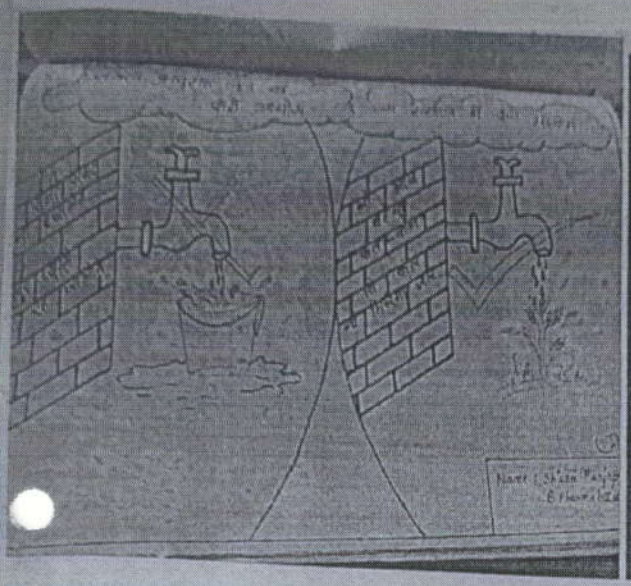
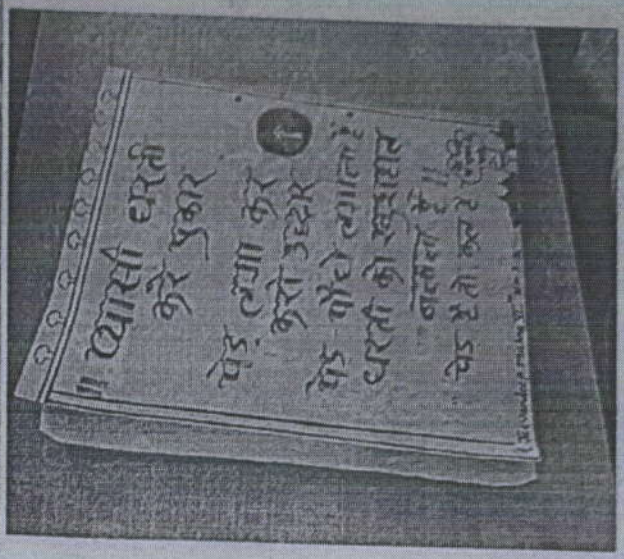
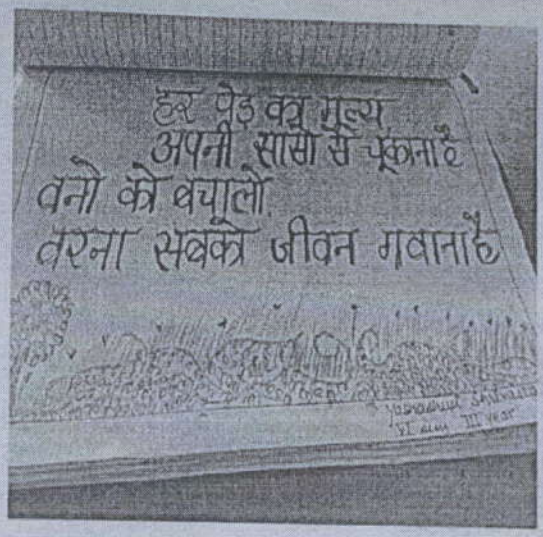
INDORE INSTITUT OF PHARMACY IIP IIP



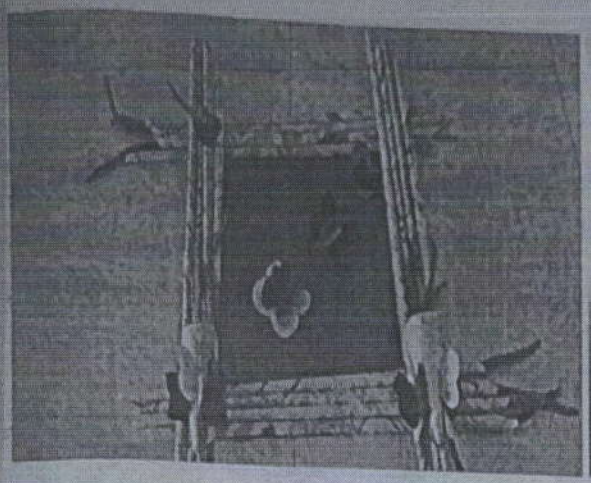




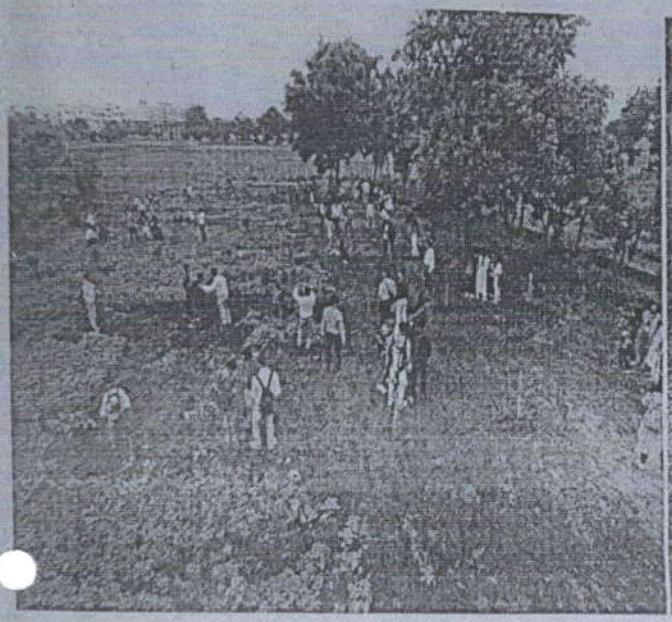
"SLOGAN COMPETITION"

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

INDORE INSTITUT OF PHARMACY IIP IIP



"BEST OUT OF WASTE"



"PLANTATION"

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INDORE (M.P.)

CONGRATULATIONS

SWACHATA PAKHAWADA 2020

S.NO.	COMPETITION	WINNER	RUNNER
1.	"SWACHATA"		
	a. SPEECH	Huzefa Kachhawala	Aman Gupta
	b. SLOGAN	Vandana Raghuwanshi	Mahak Malviya
2.	"WATER CONSERVATION"		
	a. SPEECH	Aayushi Arora	Karan Panwar
	b. SLOGAN	Shivani Prajapati	Neha Tirkey
3.	"FOREST CONSERVATION"	Gaurav Parmar	Mustafa Ujjainwala
	a. SPEECH		
	b. SLOGAN	Yashashvi Shrivastav	Jeevandeep Mishra
4.	"BEST OUT OF WASTE"	Sheetal pawar, shivani patidar, shradha sule, mahak patidar	Anju thakur, varsha sharnagat, sheetal dongre

Faculty coordinator

Mrs. Rupali Sontakke

Mr. Pawan Mulani

Principal

Dr. Dinesh Kumar Mishra

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

INDORE INSTITUT OF PHARMACY IIP

PARTICIPANT LIST

(IV Sem

ECH COMPETITION.

vita Sharma
itesh
zefa
kit Yadav
~~Mahak~~
Shashank.
Iman Gupta

Judge - Neha Kamalpuria

Speech - Winner : Muzefa.
Runner : Aman Gupta.

Slogan - Winner : Darshana Pawar.
Vandana Raghuwanshi
Runner : Mahak Malviya
Vaishanavi Raghuwanshi

SLOGAN WRITING

1. Yasvita Sharma
2. Hitesh
3. Vikas Gupta
4. Yuvraj Singh
5. Vaishnavi
6. Harshita
7. Varun Pandey
8. Jay
9. Sanskar
10. Sourabh
11. Sanjay
12. Ritik
13. Sachin.
~~14. Sachin~~
15. Shashank
16. Rishabh
17. Purvashi
18. Rishabh Bhaskesar
19. Reena
20. Shanti
21. Sakshi Patil
22. Rajeev
23. Dixita
24. Sakshi Wagadre
25. Madhavi
26. Pulyanshi.
27. Mahak

INDORE INSTITUT OF PHARMACY IIP

INDORE INSTITUTE OF PHARMACY

Orientation Programme

Date 16/08/2017

D. PHARM : I Year 2017

S. NO.	NAME OF STUDENTS
1	ABHISHEK KHATRI
2	ARPIT SINGH BHADORIYA
3	AKASH YADAV
4	ANIS BHUTTO
5	ANKIT TOMAR
6	ANUJ AGRAWAL
7	ARBAZ PATEL
8	ASHISH BISWAS
9	ASHISH SINGH RAJAWAT
10	BHAKTI SHINDE
11	BHIMPAL SAHU
12	BUSHRA KHATOON
13	CHIRAG PANDEY
14	CHITRAREKHA GAUTAM
15	DHEERAJ PATIDAR
16	GAUTAM MANJE
17	GIRIJA KALMODIYA
18	HIMANI CHOUDHARY
19	JAY MAHODAY
20	KAVITA RATHORE
21	KOUSHAL WADHWANI
22	KULDEEP SINGH
23	KAMAL RATHOD
24	KRISHNA GEHELOT
25	MANISHA SIRVI
26	MOH IRSHAD
27	MOH SAMEER KHAN
28	MOHAMMED AYAZ KHAN
29	MONIKA PANDEY
30	MUBASHSHIR ALI
31	NARENDRA BANDELE
32	NIDA AFREEN ANSARI

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S. NO.	NAME OF STUDENTS
33	NIDHI PATEL
34	NILESH CHOUDHARY
35	NIRAJ KUSHWAH
36	PRAKASH PATEL
37	PRITAM SINGH PAWAR
38	PRITISH RAY
39	RAHUL ROY
40	RAHUL SAHU
41	RAJAT PATEL
42	RIJVAN KHAN
43	ROHIT PATIL
44	ROHIT PATIL
45	SAGAR SAHU
46	SAHID KHAN
47	SAMEER GHOSI
48	SHADAB KHAN
49	SHEKH JAVID
50	SHIVANGI TIWARI
51	SHUBHAM DANGI
52	SHUBHAM PATIDAR
53	SHUBHAM SHARMA
54	SURAJ PATIL
55	SWATI YADAV
56	UTTAM PATIDAR
57	VASID MASURI
58	VIKAS PATIDAR
59	VISHAL YADAV
60	SWATANTRA DWIVEDI

INDORE INSTITUTE OF PHARMACY

B.PHARM I YEAR

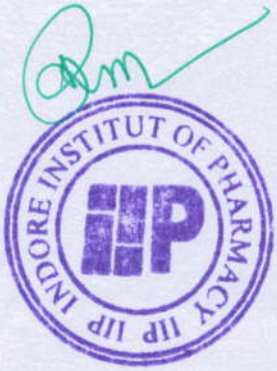
Orientation Program

Date 16/08/2017

SNO	STUDENTS NAME
1	*Aadarsh Tanwar B.Pharma-17-1001*
2	*Aarti Prajapati B Pharma 171002*
3	*Aastha Singh B.Pharma-17-1003*
4	*Aayushi Sankhla B.Pharma-171005*
5	*Adesh Ameta B Pharma 171007*
6	*Aditya Shrivastav B Pharma 17-1008*
7	*Afjal Khan B-Pharma-171009*
8	*Afroj Khan D/o Firoj Khan B-Pharma-17-1010*
9	*Ajay Tej Singh Chouhan B.Pharma-17-1012*
10	*Ajay Yadav S/O Sanjay Kumar Yadav- B.Ph-17-1011*
11	*Amit Pandey B-Pharma 17-1013*
12	*Aniket Verma B.Pharma-17-1014*
13	*Ankit Mukati B-Pharma PY171014*
14	*Ankit Tanwar B Pharma 17-1015*
15	*Ankit Verma B.Pharma-17-1016*
16	*Anup Kushwah B.Pharma-17-1018*
17	*Archit Singh S/o Sudhir Singh B-Pharma-17-1019*
18	*Arihant Kasliwal B.Pharma -17-1020*
19	*Arpita Dubey B-Pharma 19*
20	*Arti Dhakad B. Ph-17-1021*
21	*Arun Pandey B.Pharma -17-1022*
22	*Astha Patidar B-Ph-17-1024*
23	*Atul Mishra S/O Chandra Bhushan Mishra-B.Ph-171025*
24	*Ayesha Qureshi B Ph 17-1026*
25	*Ayushi Chouhan B-PH-171004*
26	*Ayushi Jaiswal B.Pharma -2017*
27	*Ayush Rathod S/o Dinesh Rathore B-Ph-171027*
28	*Ayush Vishwakarma B. Ph-17-1028*
29	*Balchand Lovevanshi S/o Devilal B-Ph-17-1030*
30	*Bharat Mahajan S/o Mr. Arun Mahajan B-Ph.171031*
31	*Chandan Patidar B-Pharma 17-10332*
32	*Dependra Devda S/o Mahendra B-Ph-17-1034*
33	*Devendra Parmar B Pharma 17-1035*
34	*Dhanraj Patel B Pharma 17-1036*
35	*Divyanshu Verma B.Pharma -171037*
36	*Gaurav Parmar B-Pharma 2017*
37	*Himanshu Mishra B.Pharma -2017-1038*
38	*Himanshu Verma S/o Ramayan Verma B-Ph-17-1039*
39	*Hitesh Patidar B.Pharma -2017-1040*
40	*Jaya Kumawat S/O Krishna Kumawat B-Ph-17-1041*
41	*Jeevandeep Mishra B Ph 171043*

INDORE INSTITUT OF PHARMACY IIP IIP

42	Jeevan Gurjar S/o Maan Singh Gurjer B.Ph-17-1042
43	Kamad Verma B.PH-17-1044
44	Kuldeep Kapasiya B. Ph-2017
45	Lakhan Lovewanshi S/o Kailesh B-Pharma-171046
46	Laxmikant Panwar B Ph 17-1047
47	Mansi Garg B-Ph.17-1048
48	Mansi Upadhayay B. Ph-17-1049
49	Mayuri Chouhan B Ph .17-1050
50	Mohit Panchal S/O Ramprasad Panchal -B Ph.17-1051
51	Murtaza Singapurwala B-Ph -17-1052
52	Mustafa Ujjainwala B.Ph-17-1053
53	Naman Khede B.Pharma -17-1054
54	Navneet Chouhan B.Pharma-17-1055
55	Neha Khanzode B.Pharma-17-1056
56	Neha Patidar B-Pharma-17-1057
57	Niel Daniel S/o Ravi Daniel B-Pharma-171058
58	Nilesh Adlak -B.Phar .17-1059
59	Osama Khan B.Pharma-17-1060
60	Pankaj Patidar B-Pha-17-1061
61	Payal Baghel B.Phar -17-1062
62	Pooja Patel D/o Ajay Patel B-Pharma-17-1063
63	Praful Baraskar B. Ph-17-1064
64	Pragya Baipai B.Phar 17-1065
65	Pranshul Arora B.Pharma-17-1066
66	Prashant Jaiswal S/o Harinarayan B-Ph-17-1067
67	Priyanshi Hemant Patidar B-Pharma-17-1068
68	Rajesh Verma B PH 17-1070
69	Raj Madwa S/o Bherulalji Madwa B Pharma-17-1069
70	Ramayan Patel S/o Ramavtar Patel B-Pharma -17-1071
71	Rishabh Patidar B-Pharma-17-1072
72	Ritika Shyam Dhanotiya B Ph 19
73	Rohit Kene B. Ph-17-1073
74	Rohit Manawat B.Pharma-1345002459
75	Sachin Sisodiya B Ph 2nd Yr Tr
76	Saifuddin Jaorawala B. Ph-17-1074
77	Sampat Tanwar B.Pharma-17-1075
78	Sanjay Bhayal B Ph 17-1076
79	Shahid Ali B.Pharma-17-1078
80	Sharif Khan B Ph 17-1079
81	Sharique Sayyed B.Pharma-2017
82	Shikha Choubey B.Pharma-17-1080
83	Shivam Gupta B-Pharma 17-1081
84	Shivam Nath B. Ph-17-1082
85	Shoheb Shah B.Pharma-17-1083
86	Shubham Chouhan S/o Surendra Chouhan B-Ph-17-1085
87	Shubham Mali B-Ph 17-1084
88	Sonika Patidar B. Ph-17-1086



89	*Sourabh Hardiya B.Pharma - 17-1087*
90	*Sunil Solanki B Ph-171088*
91	*Tokir Mansuri B.Pharma-17-1089*
92	*Tufail Ahmad Khan B Ph -17-1090*
93	*Udit Sharma B.Phar -17-1091*
94	*Ujjawal Bhawsar B-Ph-17-1092*
95	*Vardhman Jain B Ph -17-1093*
96	*Vikas Chouhan B.Phar 17-1094*
97	*Vikas Singh S/o Narinder Singh B-Pharma-17-1095*
98	*Yashashvi Shrivastav B.Phar 17-1097*
99	*Yashasvi Sharma D/o Narendra Sharma B-Ph-17-1098*

Essay Writing Competition

List of Participants

Date: 04-08-18
Time: 1:00 PM onwards
Venue: SDC, A block

B.Pharm (III Sem)	B.Pharm (V Sem)	B.Pharm (VII Sem)	D.Pharm (II yr)
1. Atul Mishra	1. Ayushi Sharma	1. Priyanshi Sahu	1. Nidha ansari
2. Jeevandeep Mishra	2. Almas Ahmed	2. Shubham Chaoudhary	2. Bushra Khatoon
3. Himanshu Verma	3. Shubham Sharma	3. Shanti Patel	3. Kavita Rathore
4. Chetna Kahar	4. Yogita Bundela	4. Nilesh Choudhary	4. Manisha Sirvi
5. Balchand Lovewanshi	5. Md. Daniah Pariyani		5. Girja Kalmodiya
6. Aayushi Jaiswal	6. Gayatri Shivam		6. Aashish Rajawat
7. Divyanshu Verma	7. Padma Jain		7. Aashish Biswas
8. Jaya Kumawat	8. Karan Dhanwani		8. Aakash Yadav
	9. Pooja Gupta		9. Nidhi Patel
	10. Rakshanda Patil		10. Shadab Khan

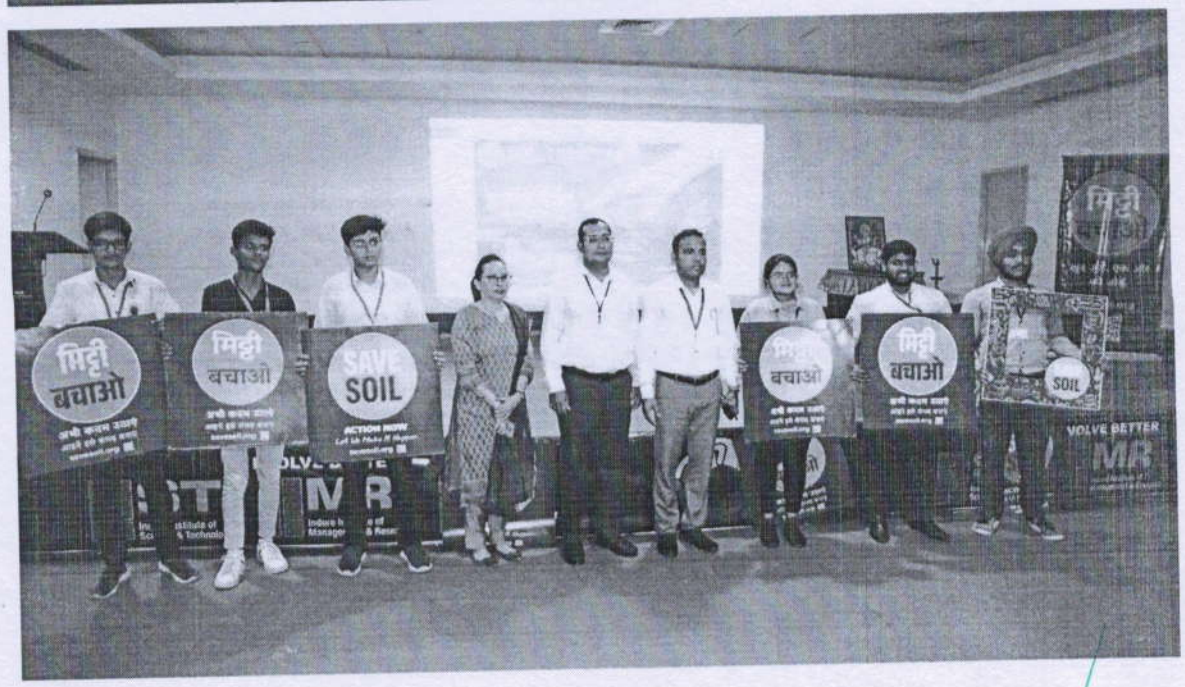
INDORE INSTITUT OF PHARMACY IIP

Timestamp	Email Address	Name of participant	Name of College	Mobile Number	Select Event to Participate	Name of Participant 2(if you are participating in "Best out of waste")	Name of College of Participant 2	Mobile Number of Parti
7/3/2018 15:31	gulnashi19952@gmail.com	Gulnashi Parveen	IIP	8085287571	Mehndi competition			
7/3/2018 15:39	cute.twinkle2811@gmail.com	Twinkle chouhan	IIP	7697386449	Rangoli competition			
7/3/2018 15:41	shanumucchala.359@gmail.com	Shanu muchhala	IIP	7354815602	Rangoli competition		IIP	
7/3/2018 15:41	monica.gupta2695@gmail.com	Monica gupta	IIP	7024828781	Rangoli competition			
7/3/2018 15:45	padmajain42494@gmail.com	Padma Jain	IIP	8962662611	Rangoli competition			
7/3/2018 15:50	sablesneha7@gmail.com	Sneha sable	IIP	7748800362	Rangoli competition			
7/3/2018 16:12	chetanpatidar276@gmail.com	Chetan patidar	IIST	7974230143	Rangoli competition, T-Shirt Painting			
8/3/2018 12:04	aayushi.sharma798@gmail.com	Aayushi Sharma	IIP	7509202885	Nail art			
8/3/2018 12:05	aditiverma1525@gmail.com	Ruchi bhardwraj	IIP	9111425280	Nail art			
8/3/2018 12:06	rakshandapatil01@gmail.com	Rakshanda patil	IIP	9669690926	Mehndi competition			
8/3/2018 12:06	almaas1003@gmail.com	Almas ahmed	IIP	7869162799	Mehndi competition			
8/3/2018 12:07	aditya29sharma1998@gmail.com	Aditya Sharma	IIP	8871718018	Best out of waste	Karan Dhanwani	IIP	9826037346
8/3/2018 12:16	aditya29sharma1998@gmail.com	Aditya sharma	IIP	8871718018	Nail art			
8/3/2018 12:17	karandhanwani1@gmail.com	Karan Dhanwani	IIP	9826037346	Nail art			
8/3/2018 12:24	rupalikushwah89@gmail.com	Rupali kushwah	IIP	8982393621	Rangoli competition, Nail art			
8/3/2018 12:24	razvinasreen@gmail.com	Nasreen rizavi	IIP	9826459503	Mehndi competition, T-Shirt Painting		IIP	
8/3/2018 12:27	apoorvavyas521@gmail.com	Yasmin sheikh	IIP	9893181567	Rangoli competition, Mehndi competition, Face painting, T-Shirt Painting, Nail art			
8/3/2018 12:29	himanshuiist55@gmail.com	Himanshu madiwal	IIST	8817444552	T-Shirt Painting			
8/3/2018 12:30	nandinipatel7474@gmail.com	Nandini	IIP	8461991223	Rangoli competition		IIP	
8/3/2018 12:30	mroy8215@gmail.com	Mousamee sarka	IIP	8085509094	Mehndi competition, Face painting, T-Shirt Painting		IIP	
8/3/2018 12:30	nsilwadiya2005@gmail.com	Neha silwadiya	IIP	9644493069	Rangoli competition			
8/3/2018 12:36	shahrukh.mansuri61@gmail.com	Uzma mansuri	IIP	9039762325	Mehndi competition, T-Shirt Painting			
8/3/2018 12:55	pooja12isolate@gmail.com	Pooja gupta	IIP	8120930344	Face painting, Nail art		IIP	
8/3/2018 12:55	kavitavishwakarma16098@gmail.com	Kavita vishwakarma	IIP	8518807187	Rangoli competition, Nail art		IIP	
8/3/2018 13:08	rakhisikarwar68@gmail.com	Rakhi sikarwar	IIMR	7089091921	Best out of waste	Aarti Choudhary	IIMR	7440895302
8/3/2018 13:32	nehapatidar9111@gmail.com	Neha Patidar	IIP	9111727319	Face painting, Nail art		IIP	
8/3/2018 13:34	priyanshisahu1@gmail.com	Priyanshi Sahu	IIP	8109016647	Best out of waste	Vaishali Patil	IIP	8962340318

8/3/2018 13:38	vaishalipatil301996@gmail.com	Vaishali patil	IIP	8962340318	Best out of waste	Priyanshi sahu	IIP	8109016647
8/3/2018 13:40	mayurichouhan2499@gmail.com	Mayuri chouhan	IIP	8719011181	Nail art			
8/3/2018 13:42	aishuwagh9@gmail.com	Aishwarya wagh	IIP	9165647959	Mehndi competition			
8/3/2018 13:42	nehagehlot05@gmail.com	Neha Gehlot	IIP	8827938254	Rangoli competition			
8/3/2018 13:42	dv3782634@gmail.com	Divyanshu verma	IIP	7400775211	Best out of waste	Himanshu ranjan mishara	IIP	9685569209
8/3/2018 13:43	sharmaakshita54@gmail.com	Akshita Sharma	IIP	7509342855	Mehndi competition			
8/3/2018 13:43	ptdrsp@gmail.com	Sonika patidar	IIP	7771961412	Mehndi competition			
8/3/2018 13:52	mishrajeevandeep03@gmail.com	Jeevandeep mishra	IIP	8982574329	Face painting, T-Shirt Painting			
8/3/2018 13:52	aayushichouhan2414@gmail.com	Aarti prajapati	IIP	9111170773	Mehndi competition			
8/3/2018 13:53	poojakhirodkar289@gmail.com	Pooja khirodkar	IIP	9926772654	Mehndi competition, Best out of waste	Ushmita rathore	IIP	8770672489
8/3/2018 13:53	inehakhanzode77@gmail.com	Neha khanzode	IIP	9617456480	Face painting			
8/3/2018 13:53	balusinghlovewanshi@gmail.com	Balchand Lovevanshi	IIP	8225935852	Face painting		IIP	
8/3/2018 14:03	priyanshipatidar2000@gmail.com	priyanshi patidar	IIP	9179553607	Rangoli competition, Mehndi competition			
8/3/2018 14:09	khanasma2010@gmail.com	Asma Khan	IIMR	8889492891	Best out of waste	1. Asma Khan 2. Aneesha Pachpande	IIMR	8982084950
8/3/2018 14:22	Pragyabajpaii26@gmail.com	Pragya bajpai	IIP	9399151877	Nail art			
8/3/2018 14:39	ramaprajapati068@gmail.com	Rama Prajapati	IIMR	9340762209	Best out of waste	Shilpa Sharma	IIMR	9685132068
8/3/2018 14:45	priya.kanodiachem2017@indoreinstitute.com	Priya vijay kanodia	IIST	9340589328	Mehndi competition			
8/3/2018 15:03	viditjain514@gmail.com	asma khan	IIMR	8889492891	T-Shirt Painting	aneesha pachpande, vidit jain	IIMR	9479774514
8/3/2018 15:07	aneesha.2096@gmail.com	Aneesha S pachpande	IIMR	8982084950	Rangoli competition			
8/3/2018 15:42	rahulmewari00@gmail.com	Asma khan	IIMR	8889492891	Face painting			
8/3/2018 15:43	rishabhpatidar603@gmail.com	Rishabh Patidar	IIP	8827485141	Best out of waste	Uttam patidar	IIP	9826403436
8/3/2018 21:23	nevi.tamrakar@gmail.com	Vaishnavi Tamrakar	IIP	7580866323	Rangoli competition, Best out of waste			
9/3/2018 9:09	arorapranshul311@gmail.com	Pranshul Arora	IIP	8503058307	Best out of waste, T-Shirt Painting	Nilesh Adlak	IIP	9893317839

4. Beyond campus environment promotional activities

4.1 Save soil movement



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4.2 Plantation Assistance to school children

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4.3 Plantation Drive at ralamandal

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