

**I.B. (PG) COLLEGE, PANIPAT**

**Institutional Distinctiveness**

**SELF – STUDY REPORT**

**(2017-22)**

**NAAC CYCLE – 2**



**I.B. COLLEGE, PANIPAT**

**(A Post Graduate Premier Co-Educational College)**

**G.T. Road, Panipat – 132103, Haryana**

**(AFFILIATED TO KURUKSHETRA UNIVERSITY, KURUKSHETRA)**

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# Institutional Distinctiveness

## **1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words.**

### **Response:**

The College is delighted to present an overview of the performance in the augmentation and maintenance of college infrastructure. Our institution has consistently strived to provide a well-equipped and conducive environment that supports academic excellence and holistic development.

### **Physical Infrastructure:**

#### **Construction and Renovation:**

Over the past five years, we have undertaken extensive construction and renovation projects to augment our college infrastructure. New Girls wing (Arts Block -II) and New Science Block have been constructed, accommodating various departments, laboratories, classrooms, and administrative offices.

Renovation efforts have focused on improving safety, accessibility, and aesthetics, ensuring compliance with prescribed norms and standards. The new Science block comprises of five floors with extra wide staircases on both ends as well as in the middle. In addition to this, it has 2 lifts, each having a carrying capacity of 10 people.

#### **Classrooms:**

Our classrooms are designed to facilitate effective teaching and learning experiences. Many of them are equipped with modern teaching aids, including projectors, smart boards, and audio-visual systems, promoting interactive learning. We have ensured comfortable seating arrangements, ample lighting, and suitable acoustics to create an ideal learning environment.

#### **Laboratories:**

We have invested in upgrading our laboratories with advanced equipment, instruments, and software to support experiential learning. Proper ventilation, safety measures, and waste management systems have been implemented in accordance with regulatory guidelines.



### **Central Library:**

The Central library has witnessed significant growth and development. The collection of books, journals, and e-resources has been expanded to cater to the diverse academic needs of students and faculty.

We have implemented a user-friendly library management system for efficient book tracking, issuance, and return processes. The library is equipped with a state-of-the-art Online Public Access Catalog (OPAC) system. This advanced technology is highly useful to the students and faculty members. They can access information and resources within the library. With OPAC, users can easily search and locate books, journals, e-resources, and other materials available in our extensive collection. The user-friendly interface and powerful search capabilities of the OPAC system ensure efficient and seamless navigation, saving valuable time for our library users. We are committed to providing a modern and technologically advanced library experience, and the OPAC system is a testament to our dedication to promoting easy and convenient access to knowledge and information.

### **Information and Communication Technology (ICT) Infrastructure:**

We have prioritized the enhancement of our ICT infrastructure to keep pace with the evolving educational landscape. The college is equipped with a high-speed lease line of 200 Mbps internet connectivity. This robust and reliable internet infrastructure enables seamless access to online resources, research materials, and collaborative platforms for our students and faculty. With this lightning-fast internet connection, we ensure uninterrupted online learning, smooth multimedia streaming, and efficient communication across campus. The 200 Mbps lease line underscores our commitment to providing a cutting-edge digital ecosystem that supports the evolving needs of our educational community. Our computer labs are equipped with the latest hardware, software, and multimedia facilities to promote digital literacy and technological competence.

An integrated Learning Management System (LMS) is being implemented, facilitating online course delivery, content sharing, and assessment.

### **Sports and Recreational Facilities:**

We have dedicated efforts towards developing sports and recreational facilities, fostering physical well-being and sportsmanship among our students.

The campus boasts well-maintained playgrounds, indoor sports halls, and Gymnasium centers separately for male and female students and staff members to support a wide range of sporting activities. Adequate equipment and resources are provided to encourage student participation and excellence in sports.

**Safety and Security:**

The entire campus is under CCTV surveillance through about 150 bullet and dome cameras of reputed brands along with multiple DVRs.

**Green Initiatives:**

Our institution is committed to promoting sustainability and eco-friendly practices. We have implemented various initiatives such as installing ROOF TOP ON GRID SOLAR PANELS of fifty kilo watt hours (50 kWh), rainwater harvesting systems, and energy-efficient lighting across the campus.

Waste segregation, vermicomposting, e-waste recycling initiatives, and tree plantation drives are actively encouraged to create a sustainable environment. The performance of the college in building infrastructure has been commendable, with consistent efforts to provide a conducive educational environment. We are confident that these infrastructure developments have positively impacted the learning outcomes and overall growth of our institution at present and the same trend is anticipated in the times to come too.

## 2 List of Infrastructure

S.No.	Name	Number
1	Classrooms	57
2	Server Room	1
3	Office	32
4	Washrooms	F= 13 M= 10
5	Gymnasium For Boys	1
6	Library Reading Room	1
7	Society Office	1
8	Fees & Examination Section	1
9	Record Room	1
10	Examination Room	1
11	Smart Room	2
12	History Museum	1
13	Electrician Room	1
14	Central Library With Washroom	1
15	Founders Memorial	1
16	Seminar Hall + Ignou Hall	3
17	First Aid Help Centre	1
18	Museum Eco Club	1
19	Girls Common Room	2
20	Canteen	1
21	Storeroom	1
22	Parking Area	2
23	Girls Gym	1
24	Departmental Library (Chem., Biosci., Comp., Commerce)	4
25	Conference Room	1
26	Reception	1
27	Strong Room	1
28	Physics Store	1
29	Tissue Culture Room	1
30	Herbarium Cum Museum	1
31	Comp. Museum	1
32	Computer Labs	7
33	Home Sc. Lab (Food + Stitching)	2
34	Music Vocal Lab	1
35	Music Inst. Lab	1
36	Physics Labs	3

<b>S.No.</b>	<b>Name</b>	<b>Number</b>
37	Chemistry Labs	3
38	Instrumentation Lab	1
39	Biotech Lab	1
40	Botany Lab	1
41	Zoology Lab	1
42	Func. Eng. Lab	1
43	PC's exclusively available to Students	114
44	PC's Available in Library	12
45	PC's Available in Adam. Office	15
46	PC's Available to faculty members	15
47	No of PCs in Language Lab.	1
48	No of PCs in exam center room	2
49	PCs in classrooms	0
50	No. of PCs in Seminar Halls	4
51	Total Books Available in Library	60000+
52	E-books in College Library	Access as per NLIST & DELNET
53	E-Journals in College Library	Access as per NLIST & DELNET
54	INFLIBNET-College Library	Access as per NLIST
55	LMS-Library	WEBLIB
56	DVDs/CD's/Audio Cassettes- Library	89
57	Laptop	7
58	Computer Labs with internet facility (Total 166 Computers)	5
59	Digital Camera	1
60	Projectors	12
61	Seminar Halls with Overhead LCD Projectors	1
62	Smart Classrooms with 75" Smart Board, overhead projectors, and Sound System	4

<b>S.No.</b>	<b>Name</b>	<b>Number</b>
63	Internet Bandwidth in MBPS	200 MBPs (landline)
64	Internet Connection ratio	01:01
65	Printers	27
66	LED Android TV. Sony Bravio	2
67	LED projector	13
68	Sony Handy Cam with tripod	1
69	Sony camera	1
70	Sound System	5
71	Cordless mike	2
72	Biometric Machine	3
73	Fast Scanner	5
74	625 VA UPS	86
75	6kVA Online UPS	5

### 3 Expenditure for infrastructure development and augmentation excluding salary during the last five years.

	Year 1 (2021-22)	
Head of expenditure (for ex. capital expenditure)	Item of expenditure (for ex. construction of building, purchase of new equipment, furniture and fixtures etc.)	Amount (INR in Lakhs)
R.O Plant	R.O Plant	116500
Furniture	Furniture	300738
Electric-Fitting New Building Block	Electric-Fitting New Building Block	66088
Lift-New Building Block	Lift-New Building Block	2420000
Building New Block	Building New Block	119849651
Fans	Fans	36825
Furniture & Fixture	Furniture & Fixture	2094251
Inverter	Inverter	6500
Computer Tables-New Block	Computer Tables-New Block	719998
Electricity Appliance	Electricity Appliance	30000
Lab Equipment	Lab Equipment	92040
Printer	Printer	70100
Battery	Battery	498810
Music Instrument	Music Instrument	19904
Almirah	Almirah	27544
Digital Locker	Digital Locker	72000
RO Water Purifier	RO Water Purifier	90000
Water Tank	Water Tank	50798
LCD	LCD	329680
Trunk Petti	Trunk Petti	5900
Library Books	Library Books	134935
Generator	Generator	755200
Projector	Projector	335000
CCTV	CCTV	20350
Mobile	Mobile	7700
Grass Cutting Machine	Grass Cutting Machine	22000

Sewing Machine	Sewing Machine	73000
Computer	Computer	255600
Solar Power Plant	Solar Power Plant	2341350
Computer-New Block	Computer-New Block	5277000
Computer Software	Computer Software	15000
Furniture- New Building	Furniture- New Building	1390541
Thermal Fogging Machine	Thermal Fogging Machine	27440
	<b>Total</b>	<b>137552443</b>
	<b>Year 2 (2020-21)</b>	
Electricity Appliance	Electricity Appliance	16632
Lab Equipment	Lab Equipment	4944
Printer	Printer	20800
Battery	Battery	11900
Microwave Oven	Microwave Oven	6550
Almirah	Almirah	33984
Library Books	Library Books	39207
CCTV	CCTV	26200
Scanner	Scanner	16097
Computer Software	Computer Software	15000
Tubewell	Tubewell	108206
LED	LED	327180
Electric Fitting & Panel	Electric Fitting & Panel	857860
Transformer	Transformer	295000
	<b>Total</b>	<b>1779560</b>
	<b>Year 3 (2019-20)</b>	
Furniture	Furniture	554600
Display Board	Display Board	128620
Sound System	Sound System	288000
UPS	UPS	15600
Water Cooler	Water Cooler	32500
Furniture & Fixture	Furniture & Fixture	203213
Electricity Appliance	Electricity Appliance	163229
Lab Equipment	Lab Equipment	192337
Water Fitting	Water Fitting	8000
Battery	Battery	68900
Microwave Oven	Microwave Oven	5974
Music Instrument	Music Instrument	17900
Almirah	Almirah	83308

RO Water Purifier	RO Water Purifier	17100
LCD	LCD	11700
Library Books	Library Books	122186
CCTV	CCTV	70210
Biometric Machine	Biometric Machine	19800
Sanitary Napkin Machine	Sanitary Napkin Machine	31730
Photocopy Machine	Photocopy Machine	74340
Computer	Computer	15750
Computer (Projector)	Computer (Projector)	33524
Computer Software	Computer Software	26550
Building	Building	561937
	<b>Total</b>	<b>2747008</b>
	<b>Year 4 (2018-19)</b>	
Fans	Fans	2065
Furniture & Fixture	Furniture & Fixture	53395
Lab Equipment	Lab Equipment	443614.9
Battery	Battery	14483
Music Instrument	Music Instrument	3380
LCD	LCD	21990
Library Books	Library Books	183261
CCTV	CCTV	11655
Biometric Machine	Biometric Machine	6500
Currency Counting Machine	Currency Counting Machine	7080
Computer	Computer	30250
	<b>Total</b>	<b>777673.9</b>
	<b>Year 5 (2017-18)</b>	
Library Books	Library Books	25940
Furniture & Fixture	Furniture & Fixture	50752
Printer	Printer	7900
Battery	Battery	29800
Microwave Oven	Microwave Oven	9900
Music Instrument	Music Instrument	19300
Library Books	Library Books	206060
CCTV	CCTV	34750
Scanner	Scanner	39030
Biometric Machine	Biometric Machine	18833
Computer	Computer	1239550



Computer Software	Computer Software	63600
	<b>Total</b>	<b>1745415</b>

**4 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years.**

<b>2021-22</b>			
<b>Sr. No.</b>	<b>Head of expenditure (for ex. Repair and maintenance)</b>	<b>Item of expenditure (for ex. AMC for Lab equipment and computers, garden maintenance etc.)</b>	<b>Amount (INR in Lakhs)</b>
1	To Bank Charges	To Bank Charges	63400.03
2	To ESI	To ESI	118748
3	EPF	EPF	419458
4	To Electricity Exps	To Electricity Exps	1269011
5	To Employer Contribution to LWF	To Employer Contribution to LWF	15718
6	To Misc Exps.	To Misc Exps.	153261
7	To Interest on TDS	To Interest on TDS	1863
8	To University Exam Fee Paid	To University Exam Fee Paid	3275750
9	To Legal Exps.	To Legal Exps.	28000
10	Advertisement Exp.	Advertisement Exp.	250287
11	To Travelling Exps.	To Travelling Exps.	171323
12	To Printing & Stationary Exps.	To Printing & Stationary Exps.	388372
13	To Interest Expense PF Account Professors	To Interest Expense PF Account Professors	1208163
14	House KEEPING Exp.	House KEEPING Exp.	52773
15	Computer Exp.	Computer Exp.	145879
16	To Entertainment Exps.	To Entertainment Exps.	161471
17	To Function & Cultural Activities	To Function & Cultural Activities	1223437

18	To Conference Exps	To Conference Exps	39488
19	To Prize Exps.	To Prize Exps.	57500
20	Repair & Maint.	Repair & Maint.	2441713
21	Sports Exp.	Sports Exp.	152810
22	To Whitewash Exps.	To Whitewash Exps.	545405
23	To Insurance Exps	To Insurance Exps	66800
24	To Audit Fees	To Audit Fees	168949
25	To LAB Exps	To LAB Exps	13713
26	To Generator Repair & Maint	To Generator Repair & Maint.	238012
27	To News Paper & Magazines	To News Paper & Magazines	58175
28	To Plant & Sanitation	To Plant & Sanitation	26560
29	To Conveyance Exps.	To Conveyance Exps.	19370
30	To Postage & Telegram	To Postage & Telegram	16924
31	To Telephone Exp	To Telephone Exp	265506
32	To University Board Dues	To University Board Dues	4322064
33	To Professional Charges	To Professional Charges	14076
34	To Staff Welfare Exps.	To Staff Welfare Exps.	21012
35	To Red Cross Exps	To Red Cross Exps	710
36	To Practical EVS Exps	To Practical EVS Exps	9828
37	To Vaccination Camp-Covid	To Vaccination Camp-Covid	8094
38	To Crockery Exps.	To Crockery Exps.	6998
39	To Blood Donation Camp Exps.	To Blood Donation Camp Exps.	29709
40	To Fee & Taxes	To Fee & Taxes	62570
41	To Home Science Exps.	To Home Science Exps.	6849
42	To Nss Activities	To Nss Activities	76537

43	To Diwali Exps.	To Diwali Exps.	50111
44	To Building Rent (I.B. Society)	To Building Rent (I.B. Society)	3500000
45	To Pocket Allowance	To Pocket Allowance	3600
46	To Sanitary Exps	To Sanitary Exps	340341
47	To Epabx Exps	To Epabx Exps	2500
48	To Exhibition Exps	To Exhibition Exps	26861
49	To Fees (Refund, Concession, Scholarship)	To Fees (Refund, Concession, Scholarship)	250881
50	To Hawan Exps	To Hawan Exps	22255
51	To Honorarium Exps	To Honorarium Exps	109000
52	To Sanitizer Exps	To Sanitizer Exps	14157
53	To Building Repair	To Building Repair	1497302
54	To Fee-Python Course	To Fee-Python Course	54720
55	To Life Membership Fee-University	To Life Membership Fee-University	11000
56	To Alumni Meet Exps	To Alumni Meet Exps	19648
57	To ESI Exps - Others	To ESI Exps - Others	878
58	To Conference Exps	To Conference Exps	124621
59	To Fee for Digital Marketing	To Fee for Digital Marketing	37760
60	To Fee for Eng. Comct & Soft Skills	To Fee for Eng. Comct & Soft Skills	28400
61	To Course Fee	To Course Fee	44200
62	To Annual Subscription	To Annual Subscription	5100
Total			<b>23759621</b>
<b>2020-21</b>			
Sr. No.	Expenditure Name	Expenditure Name	Amount
1	To Bank Charges	To Bank Charges	49220.62
3	To ESI	To ESI	76583
4	To EPF	To EPF	282415
5	To Employer Contribution to LWF	To Employer Contribution to LWF	12086

6	To Misc Exps. quing	To Misc Exps. quing	130904
7	To Interest on TDS	To Interest on TDS	808
8	To University Exam Fee Paid "	To University Exam Fee Paid "	2055936
9	To Legal Exps	To Legal Exps	204900
10	To Advertisement Exps.	To Advertisement Exps.	170087
11	To Travelling Exps.	To Travelling Exps.	100321
12	To Printing & Stationary Exps.	To Printing & Stationary Exps.	228750
13	To Interest Expense PF Account Professors	To Interest Expense PF Account Professors	1738816
14	To Allowance To Staff	To Allowance To Staff	42000
15	To Computer Exps..	To Computer Exps..	178973
16	To Entertainment Exps.	To Entertainment Exps.	119503
17	To Function & Cultural Activities	To Function & Cultural Activities	437958
18	To Hawan Exps.	To Hawan Exps.	3896
19	To Prize Exps.	To Prize Exps.	55900
20	To Repair & Maintenance	To Repair & Maintenance	353060
21	To Sports Exps	To Sports Exps	1600
22	To Whitewash Exps	To Whitewash Exps	676258
23	To Audit Fees	To Audit Fees	51975
24	To Electricity Exp	To Electricity Exp	846964
25	To Generator Repair & Maint	To Generator Repair & Maint	122100
26	To News Paper & Magazines	To News Paper & Magazines	29908
27	To Plant & Sanitation/	To Plant & Sanitation/	30995
28	To Conveyance Exps.	To Conveyance Exps.	7842
29	To Postage & Telegram	To Postage & Telegram	5261
30	To Telephone Exp	To Telephone Exp	119890
31	To University Board Dues	To University Board Dues	2653399
32	To Professional Charges	To Professional Charges	14076
33	To Staff Welfare Exps.	To Staff Welfare Exps.	16039
34	To Tuition Fee	To Tuition Fee	608160
35	To Website Development Exps	To Website Development Exps	6200
36	To Educational & Cultural Tour	To Educational & Cultural Tour	400
37	To Crockery Exps.	To Crockery Exps.	1730
38	To Blood Donation Camp Exps.	To Blood Donation Camp Exps.	19801
39	To Fee & Taxes	To Fee & Taxes	2947
40	To Periodicals & Journal	To Periodicals & Journal	18430
41	To Home Science Exps.	To Home Science Exps.	5734
42	To Nss Activities	To Nss Activities	13943
43	To NAAC Exps.	To NAAC Exps.	56045
44	To Diwali Exps."	To Diwali Exps."	12768

45	To Building Rent (1.B. Society)	To Building Rent (1.B. Society)	3500000
46	To Pocket Allowance	To Pocket Allowance	4000
47	To New Pension Scheme Account	To New Pension Scheme Account	25630
48	To Sanitary Exps	To Sanitary Exps	10372
49	To Anti-termite Treatment Exp	To Anti-termite Treatment Exp	21653
50	To Dr. RKK Fund paid	To Dr. RKK Fund paid	148110
51	To Epabx Exps	To Epabx Exps	2324
52	To Exhibition Exps	To Exhibition Exps	4000
53	To Fees (Refund, Concession, Scholarship)	To Fees (Refund, Concession, Scholarship)	182830
54	To Hawan Exps	To Hawan Exps	9362
55	To Honorarium Exps	To Honorarium Exps	24100
56	To Employers contito lwt	To Employers contito lwt	428
57	To locker rent	To locker rent	4956
58	To National Webinar Exps	To National Webinar Exps	25000
59	To Registration fees for Conference	To Registration fees for Conference	19100
60	To Sanitizer Exps	To Sanitizer Exps	30744
61	To Student welfare Exps	To Student welfare Exps	2500
62	To Fee paid (Eng Course)	To Fee paid (Eng Course)	34000
63	To Fee paid (Tally Course)	To Fee paid (Tally Course)	47520

Total			<b>15661210</b>
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**2019-20**

Sr. No.	Expenditure Name	Expenditure Name	Amount
1	Bank Charges	Bank Charges	35825.82
2	ESI	ESI	98542
3	EPF	EPF	381140
4	Employer Contribution to LWF	Employer Contribution to LWF	15185
5	Security Hire Charges	Security Hire Charges	148333
6	Misc. Exp.	Misc. Exp.	161637
7	Interest On TDS	Interest On TDS	4032
8	University Exam Fees Paid	University Exam Fees Paid	3896450
9	Legal Exp.	Legal Exp.	32500
10	Advertisement Exp.	Advertisement Exp.	267594
11	ESI Demand	ESI Demand	385
12	Travelling Exp.	Travelling Exp.	331764
13	Printing & Stationary	Printing & Stationary	386763
14	Allowances to Staff	Allowances to Staff	20250
15	Admission Exp.	Admission Exp.	15600
16	Blood Donation Camp Exp.	Blood Donation Camp Exp.	10170

17	Computer Exp.	Computer Exp.	228956
18	Entertainment Exp.	Entertainment Exp.	248382
19	Function & Cultural Activities	Function & Cultural Activities	1035316
20	Hawan Exp.	Hawan Exp.	5280
21	Library Exp.	Library Exp.	13014
22	Prize Exp.	Prize Exp.	32462
23	Repair & Maint.	Repair & Maint.	1274371
24	Sports Exp.	Sports Exp.	9977
25	Whitewash Exps.	Whitewash Exps.	326330
26	Audit Fees	Audit Fees	51975
27	Educational Innovation	Educational Innovation	6560
28	Electricity Exp.	Electricity Exp.	632670
29	Generator Repair & Maint.	Generator Repair & Maint.	268239
30	News Paper & Magazines	News Paper & Magazines	329605
31	Plant & Sanitation	Plant & Sanitation	85395
32	Conveyance Exp.	Conveyance Exp.	7702
33	Postage & Telegram	Postage & Telegram	22513
34	Telephone Exp.	Telephone Exp.	67076
35	University Board Dues	University Board Dues	2594288
36	Lab Exp.	Lab Exp.	2871
37	Internet Exp.	Internet Exp.	6372
38	Medical Exp.	Medical Exp.	2114
39	Professional Charges	Professional Charges	14076
40	Staff Welfare Expenses	Staff Welfare Expenses	29262
41	Red Cross Exp.	Red Cross Exp.	3960
42	Tuition Fee	Tuition Fee	579890
43	Website Development Exp.	Website Development Exp.	30000
44	Election Exp.	Election Exp.	2885
45	Educational & Cultural Tour	Educational & Cultural Tour	75680
46	Crockery Exp.	Crockery Exp.	41385
47	Blood Donation Camp Exp.	Blood Donation Camp Exp.	10230
48	Conference Exp.	Conference Exp.	414665
49	Fee & Taxes	Fee & Taxes	11500
50	Periodical & Journal	Periodical & Journal	20080
51	Home Science Exp.	Home Science Exp.	11454
52	NSS Activities	NSS Activities	39460
53	NAAC Exp.	NAAC Exp.	15270
54	Examination Spot Evaluation Exp.	Examination Spot Evaluation Exp.	1403759
55	Whitewash Exps.	Whitewash Exps.	262638

56	AMC Exp.	AMC Exp.	4248
57	Diwali Exp	Diwali Exp	58750
58	Building Rent (I.B Society)	Building Rent (I.B Society)	3500000
59	University Exp.	University Exp.	4000
60	Blood Donation (Function Exp.)	Blood Donation (Function Exp.)	5510
61	Pocket Allowances	Pocket Allowances	6400
62	Interest Exp. PF Account Professors	Interest Exp. PF Account Professors	1623984
Total			21226724

### 2018-19

Sr. No.		Expenditure Name	Amount
1	Bank Charges	Bank Charges	35070.6
2	ESI	ESI	114148
3	EPF	EPF	314301
4	Employer Contribution to LWF	Employer Contribution to LWF	7501
5	Allowances to Staff	Allowances to Staff	48000
6	Security Hire Charges	Security Hire Charges	462994
7	Misc. Exp.	Misc. Exp.	131489
8	Interest On TDS	Interest On TDS	1603
9	University Fees	University Fees	496800
10	Travelling Exp.	Travelling Exp.	305731
11	Advertisement Exp.	Advertisement Exp.	225808
12	Audit Fees	Audit Fees	51975
13	Computer Repair & Maint.	Computer Repair & Maint.	317710
14	Educational Innovation	Educational Innovation	56181
15	Electricity Exp.	Electricity Exp.	767889
16	Entertainment Exp.	Entertainment Exp.	104755
17	Generator Repair & Maint.	Generator Repair & Maint.	373518
18	News Paper & Magazines	News Paper & Magazines	35902
19	Plant & Sanitation	Plant & Sanitation	26035
20	Conveyance Exp.	Conveyance Exp.	1870
21	Postage & Telegram	Postage & Telegram	7632
22	Printing & Stationary	Printing & Stationary	266225
23	Repair & Maintenance	Repair & Maintenance	462019
24	Telephone Exp.	Telephone Exp.	48437
25	University Board Dues	University Board Dues	3112504
26	Lab Exp.	Lab Exp.	103392.15

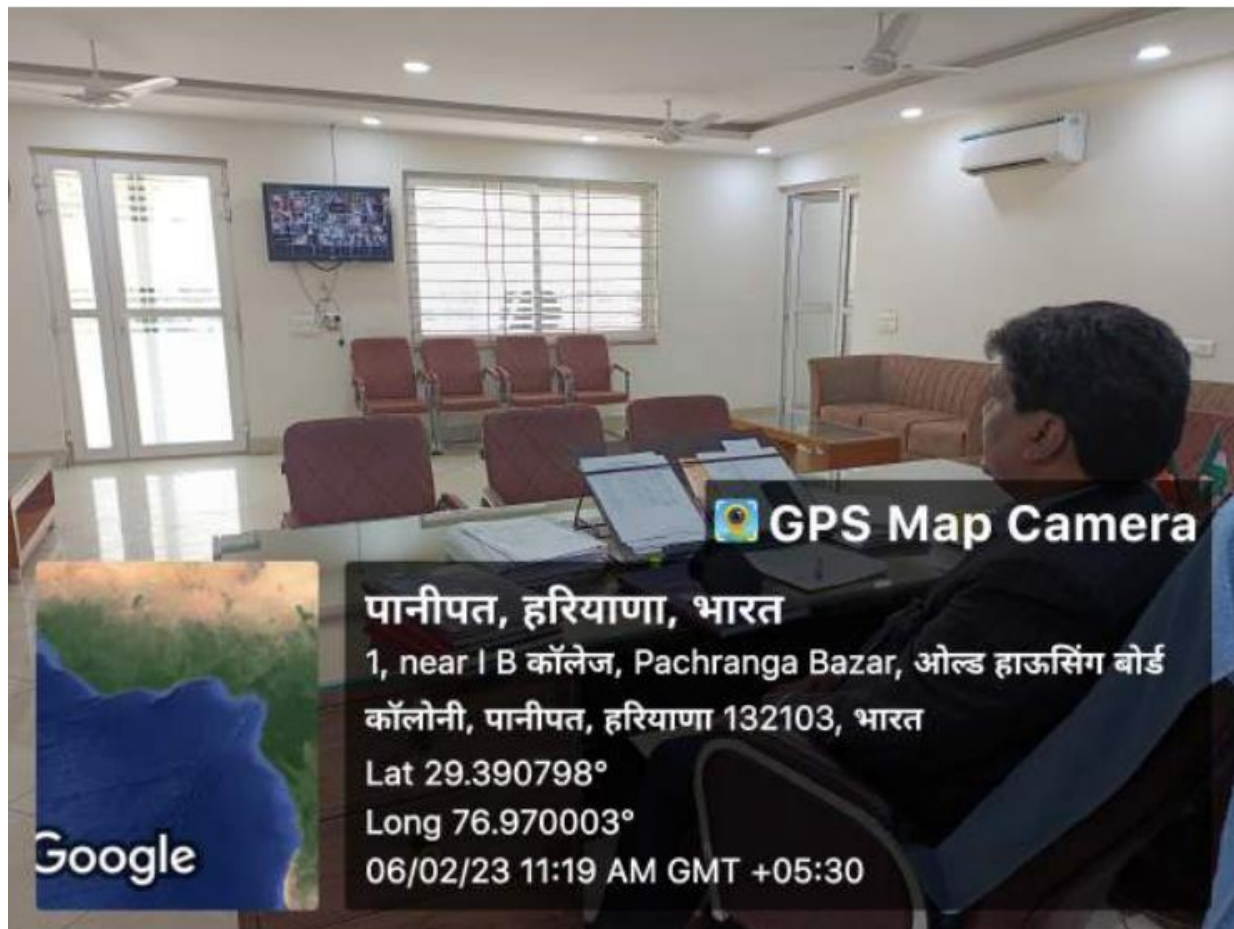
27	Function Exp.	Function Exp.	312218
28	University Exam Fund	University Exam Fund	3904620
29	Internet Exp.	Internet Exp.	31398
30	Library Exp.	Library Exp.	20880
31	Examination Exp.	Examination Exp.	345308
32	Medical Exp.	Medical Exp.	1571
33	Prize Exp.	Prize Exp.	5450
34	Professional Charges	Professional Charges	11601
35	Staff Welfare Expenses	Staff Welfare Expenses	9141
36	Sports Exp.	Sports Exp.	15694
37	Women Cell Remuneration	Women Cell Remuneration	3000
38	Diwali Exp.	Diwali Exp.	51580
39	Building Rent (I.B Society)	Building Rent (I.B Society)	2400000
40	Student Welfare Exp.	Student Welfare Exp.	35247
41	NSS Activities	NSS Activities	1770
42	House Tax	House Tax	1237108
43	Legal Exp. (Paid to I.B Society)	Legal Exp. (Paid to I.B Society)	795500
44	Admission Exp.	Admission Exp.	12480
45	NCC Exp.	NCC Exp.	10271
46	Red Cross Exp.	Red Cross Exp.	3850
47	Architect Fee	Architect Fee	12000
48	Tuition Fee	Tuition Fee	576690
Total			17676866
<b>2017-18</b>			
1	Bank Charges	Bank Charges	29036
2	ESI	ESI	105503
3	EPF	EPF	294542
4	Employer Contribution to LWF	Employer Contribution to LWF	5520
5	Allowances to Staff	Allowances to Staff	50000
6	Architect Fee	Architect Fee	896477
7	Security Hire Charges	Security Hire Charges	493067
8	Misc. Exp.	Misc. Exp.	248977
9	Interest on TDS	Interest on TDS	3595
10	University Fee	University Fee	1800
11	Whitewash Exp.	Whitewash Exp.	159000
12	Travelling Exp.	Travelling Exp.	234769
13	Advertisement Exp.	Advertisement Exp.	895674
14	Audit fees	Audit fees	54450

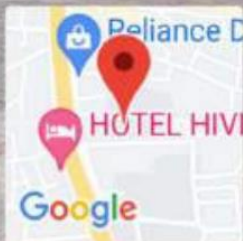


15	Computer Repair & Maint.	Computer Repair & Maint.	85720
16	Educational Innovation	Educational Innovation	28900
17	Electricity Exp.	Electricity Exp.	592699
18	Entertainment Exp.	Entertainment Exp.	105952
19	Generator Repair & Maint.	Generator Repair & Maint.	231600
20	Newspapers & Magazines	Newspapers & Magazines	31981
21	Plant & Sanitation	Plant & Sanitation	15448
22	Conveyance Exp.	Conveyance Exp.	1040
23	Postage & Telegram	Postage & Telegram	8718
24	Printing & Stationary	Printing & Stationary	685480
25	Repair & Maintenance	Repair & Maintenance	420439
26	Telephone Exp.	Telephone Exp.	33814.82
27	University Board Dues	University Board Dues	3112810
28	Lab Exp.	Lab Exp.	99554
29	Function Exp.	Function Exp.	816054
30	Exhibition Exp.	Exhibition Exp.	4500
31	University Exam Fund	University Exam Fund	4320932
32	Internet Exp.	Internet Exp.	16938
33	Library Exp.	Library Exp.	30574
34	Locker Rent	Locker Rent	3894
35	Magazine Fund	Magazine Fund	5500
36	Examination Exp.	Examination Exp.	704871
37	Medical Exp.	Medical Exp.	575
38	Prize Exp.	Prize Exp.	1109
39	Professional Charges	Professional Charges	34720
40	Staff Welfare Expenses	Staff Welfare Expenses	10097
41	Sports Exp.	Sports Exp.	60603
42	Women Cell Remuneration	Women Cell Remuneration	3000
43	Scholarship Stipend	Scholarship Stipend	1335
44	Diwali Exp.	Diwali Exp.	63253
45	Building Rent (I.B Society)	Building Rent (I.B Society)	2400000
46	Admission Fees	Admission Fees	47395
47	Legal Fee	Legal Fee	5410
48	Student Welfare Exp.	Student Welfare Exp.	2682
49	NSS Activities	NSS Activities	34302
50	House Tax	House Tax	742500
51	Pension To Employees (New Pension Scheme)	Pension To Employees (New Pension Scheme)	14867679
Total			33104488

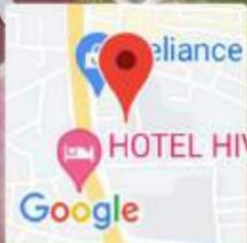


## 5 Sample Photographs of Infrastructure






**Panipat, Haryana, India**  
60, Arya Nagar, Panipat, Haryana 132103, India  
Lat 29.390195°  
Long 76.970125°  
03/09/22 11:14 AM



**Panipat, Haryana, India**  
#930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd, Old  
Housing Board Colony, Panipat, Haryana 132103, India  
Lat 29.39055°  
Long 76.969788°  
03/09/22 11:30 AM





 **GPS Map Camera**



Google

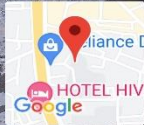
**पानीपत, हरियाणा, भारत**

1, near I B कॉलेज, Pachranga Bazar, ओल्ड हाऊसिंग  
बोर्ड कॉलोनी, पानीपत, हरियाणा 132103, भारत

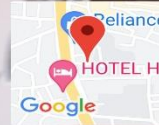
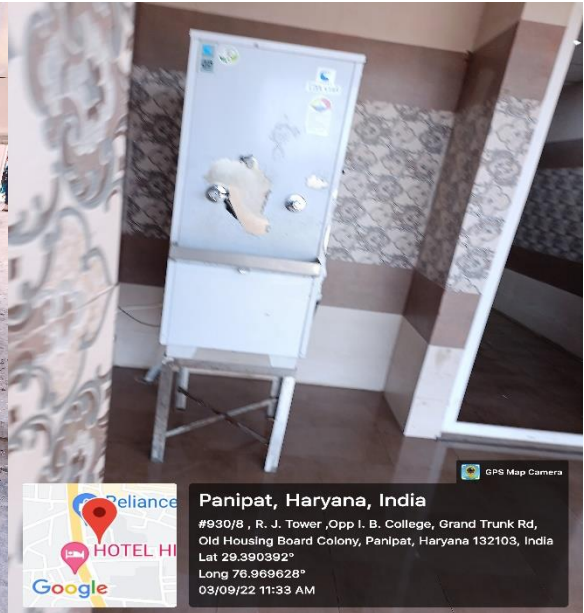
Lat 29.390798°

Long 76.970003°

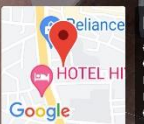
06/02/23 11:19 AM GMT +05:30



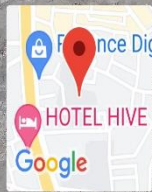
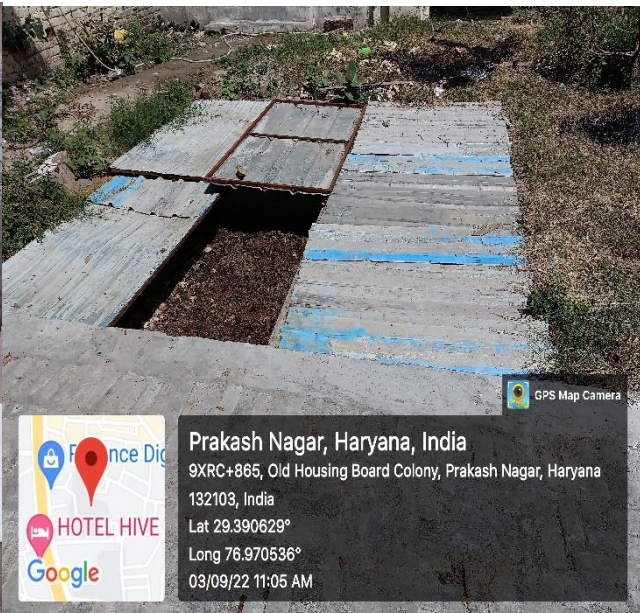
**Panipat, Haryana, India**  
Shop No 23 Gurudwara Market, Panipat, Haryana  
132103, India  
Lat 29.391114°  
Long 76.970053°  
03/09/22 11:20 AM



**Panipat, Haryana, India**  
#930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd,  
Old Housing Board Colony, Panipat, Haryana 132103, India  
Lat 29.390392°  
Long 76.969628°  
03/09/22 11:33 AM



**Panipat, Haryana, India**  
#930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd,  
Old Housing Board Colony, Panipat, Haryana 132103, India  
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Long 76.969706°  
03/09/22 11:31 AM

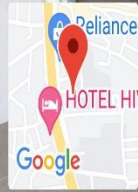


**Prakash Nagar, Haryana, India**  
9XRC+865, Old Housing Board Colony, Prakash Nagar, Haryana  
132103, India  
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Long 76.970536°  
03/09/22 11:05 AM





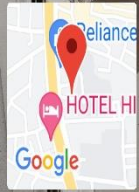
GPS Map Camera



**Panipat, Haryana, India**  
#930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd, Old Housing Board Colony, Panipat, Haryana 132103, India  
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03/09/22 11:11 AM



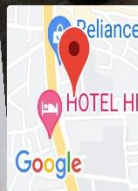
GPS Map Camera



**Panipat, Haryana, India**  
#930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd, Old Housing Board Colony, Panipat, Haryana 132103, India  
Lat 29.390421°  
Long 76.969649°  
03/09/22 11:31 AM



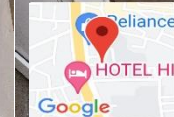
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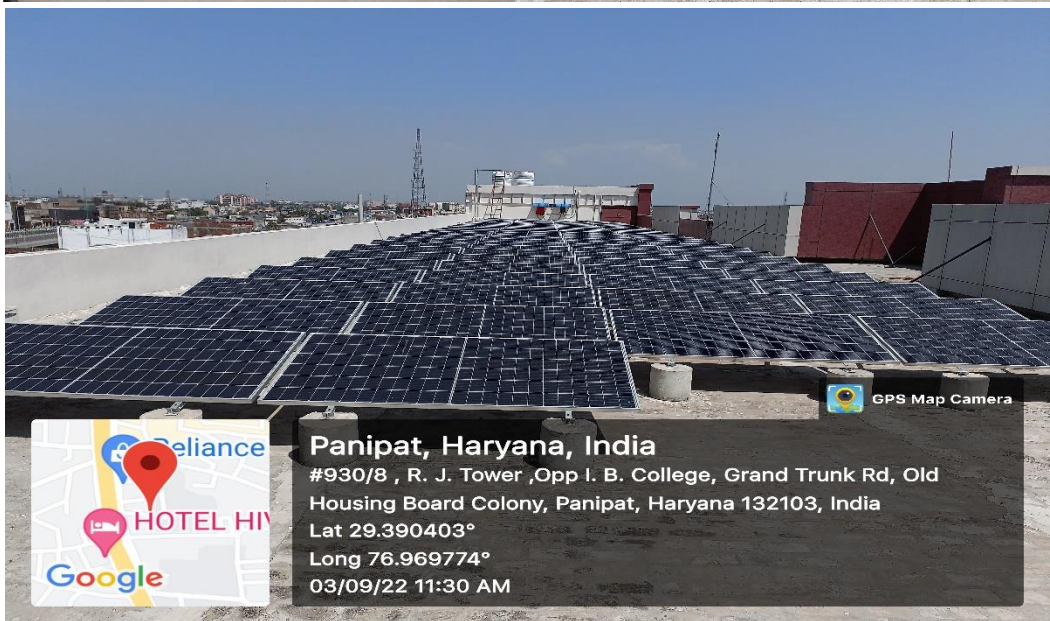
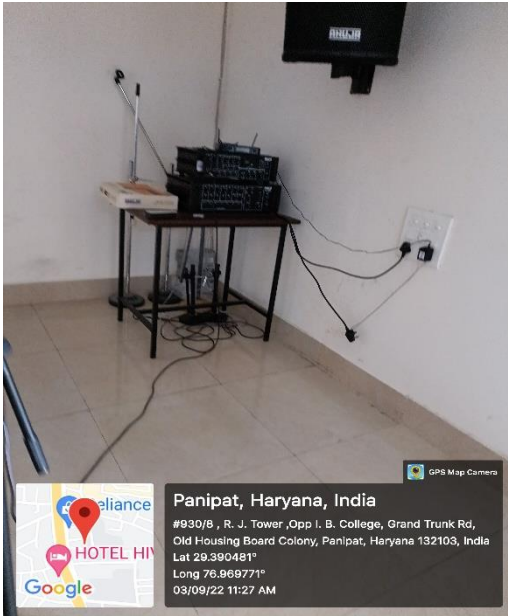
**Panipat, Haryana, India**  
#930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd, Old Housing Board Colony, Panipat, Haryana 132103, India  
Lat 29.390305°  
Long 76.96973°  
03/09/22 11:12 AM



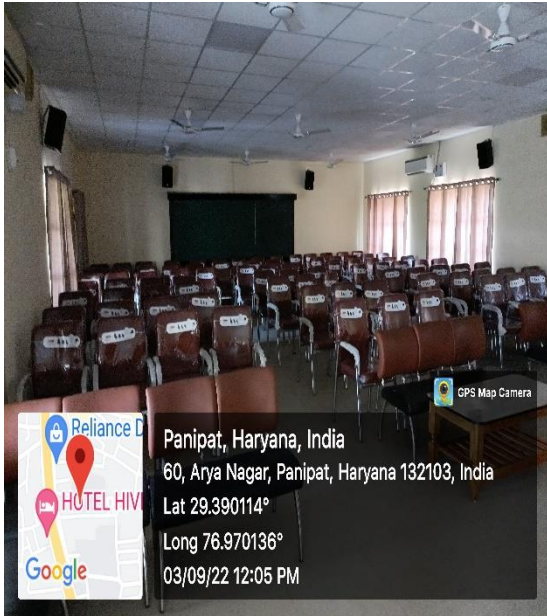
GPS Map Camera



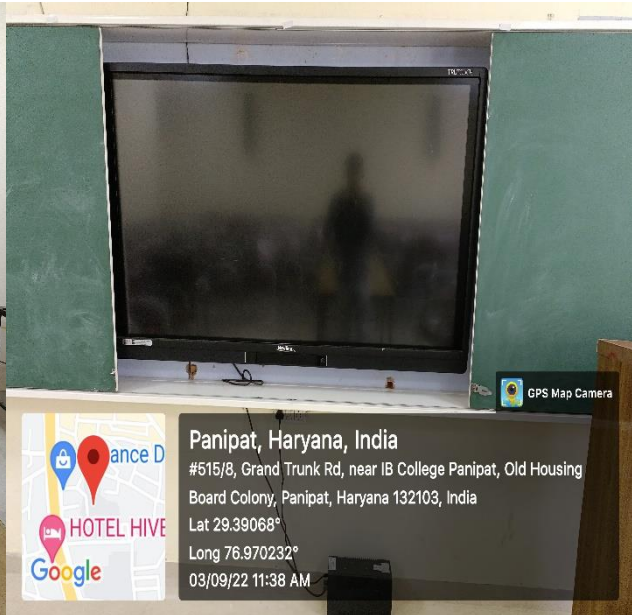
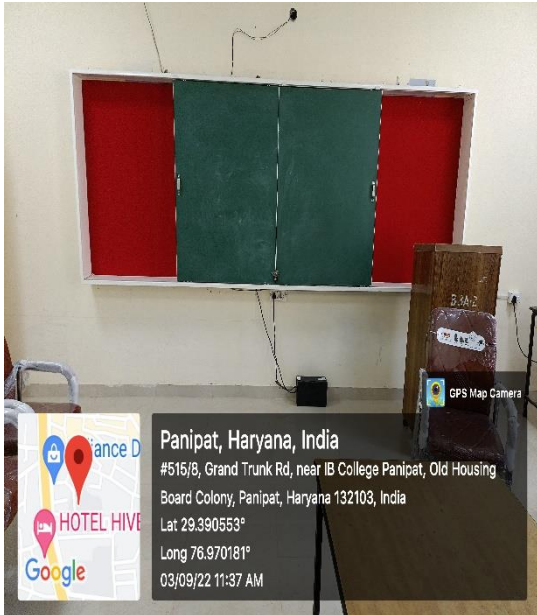
**Panipat, Haryana, India**  
#930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd, Old Housing Board Colony, Panipat, Haryana 132103, India  
Lat 29.390411°  
Long 76.969663°  
03/09/22 11:31 AM

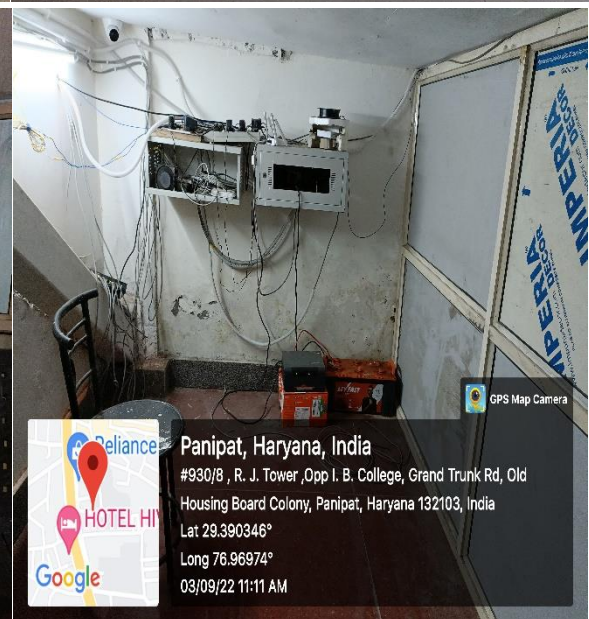
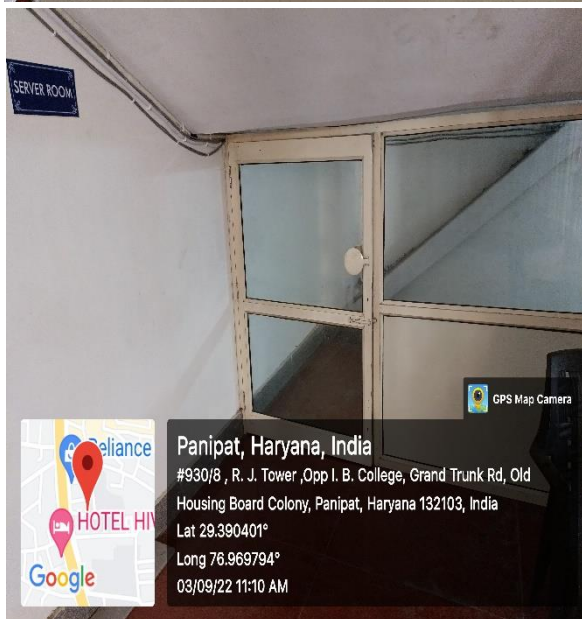
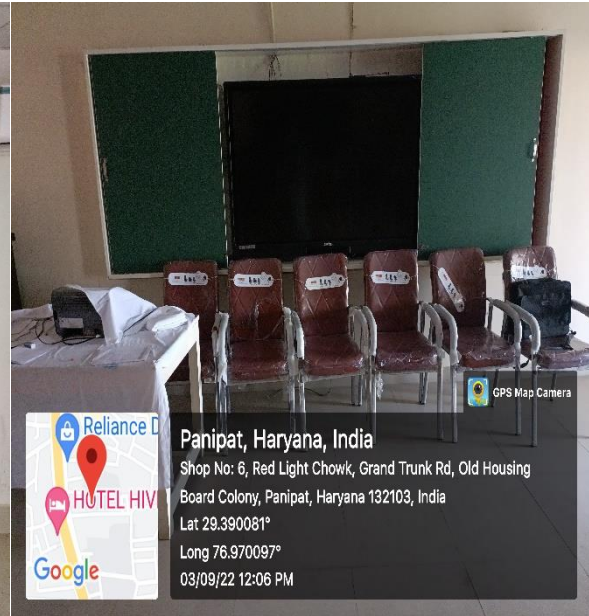
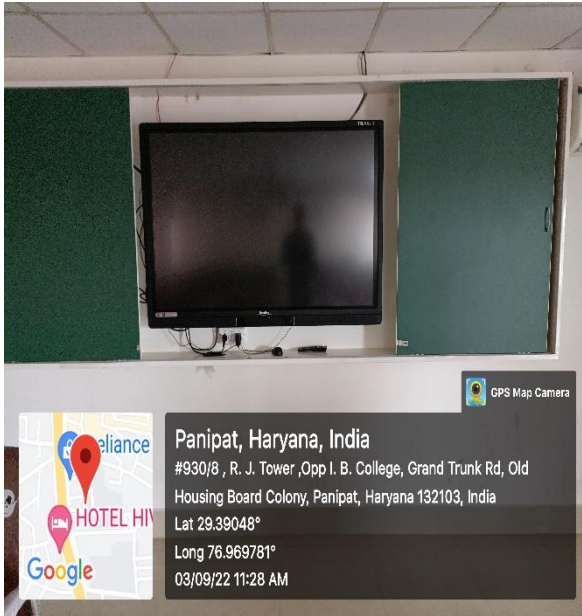




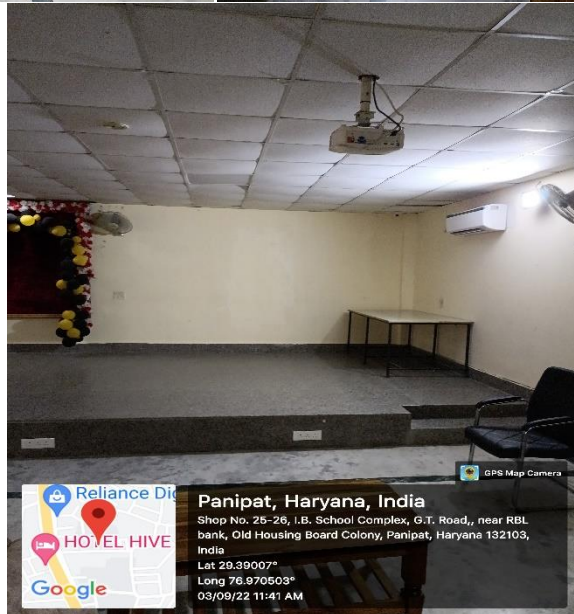
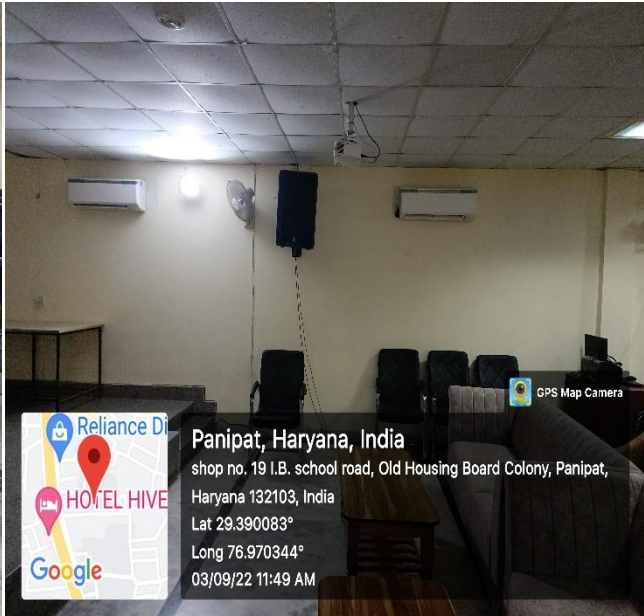
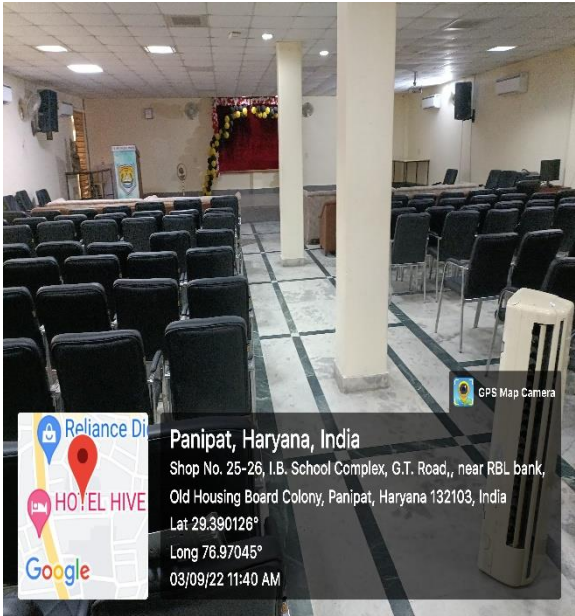


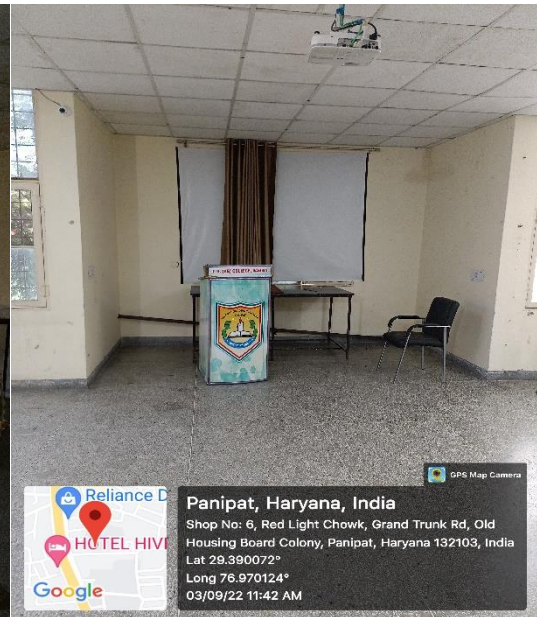
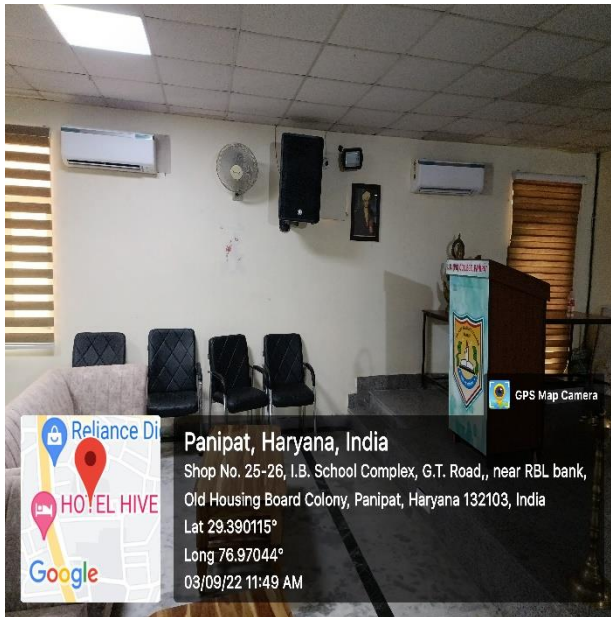
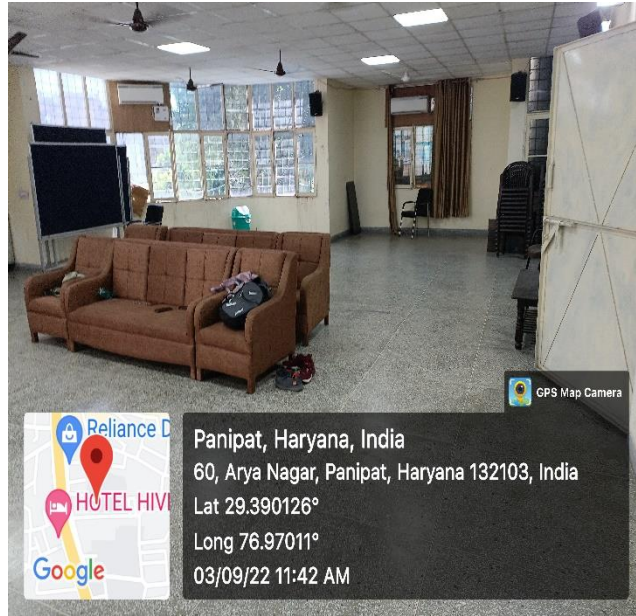
Smart Class rooms  
and seminar halls.doc



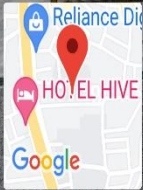






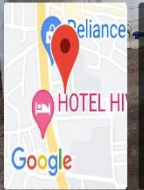






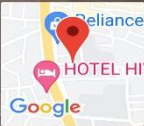
**Panipat, Haryana, India**  
Shop No. 25-26, I.B. School Complex, G.T. Road,, near RBL bank,  
Old Housing Board Colony, Panipat, Haryana 132103, India  
Lat 29.390085°  
Long 76.970474°  
03/09/22 11:41 AM

GPS Map Camera



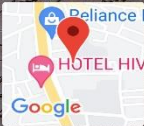
**Panipat, Haryana, India**  
#930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd, Old  
Housing Board Colony, Panipat, Haryana 132103, India  
Lat 29.39037°  
Long 76.96973°  
03/09/22 11:29 AM

GPS Map Camera



**Panipat, Haryana, India**  
#930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd,  
Old Housing Board Colony, Panipat, Haryana 132103, India  
Lat 29.390375°  
Long 76.969728°  
03/09/22 11:29 AM

GPS Map Camera



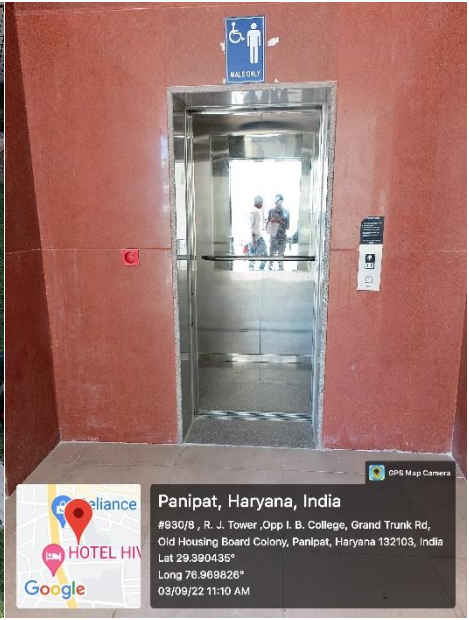
**Panipat, Haryana, India**  
60, Arya Nagar, Panipat, Haryana 132103, India  
Lat 29.390216°  
Long 76.969944°  
03/09/22 11:13 AM

GPS Map Camera

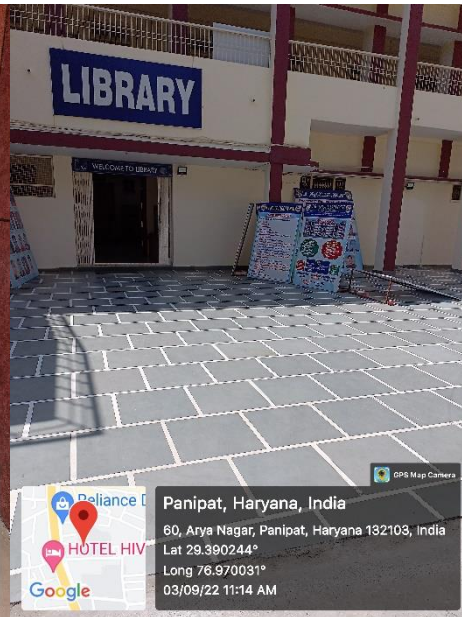
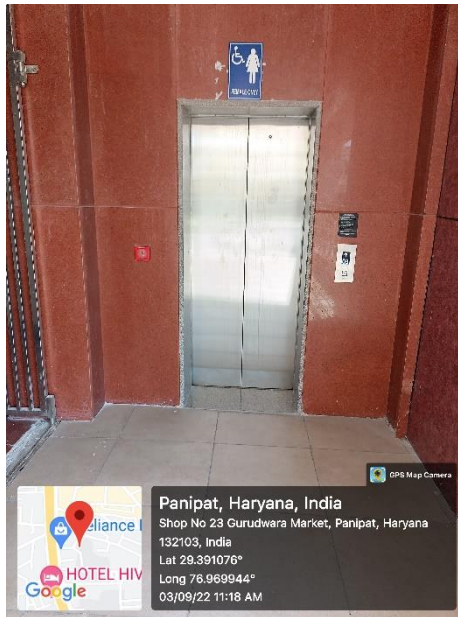






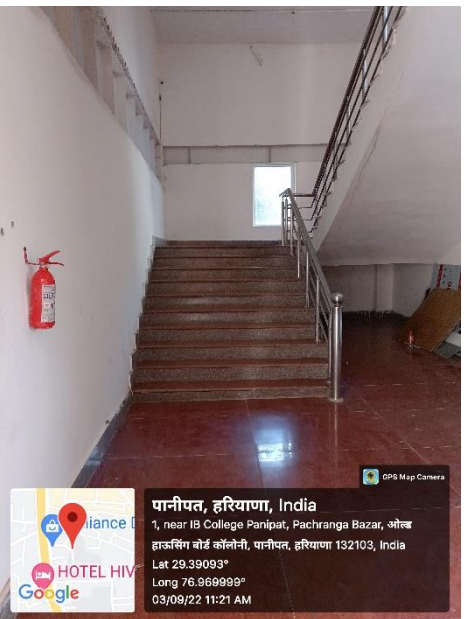
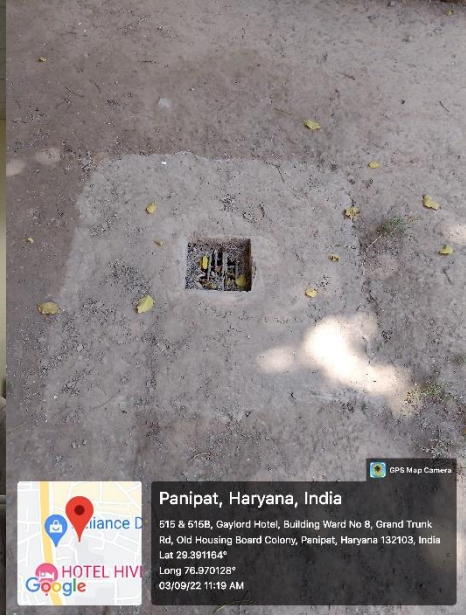








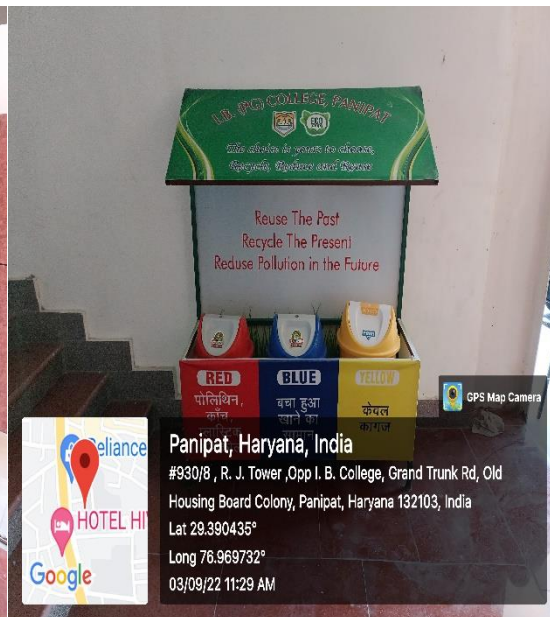
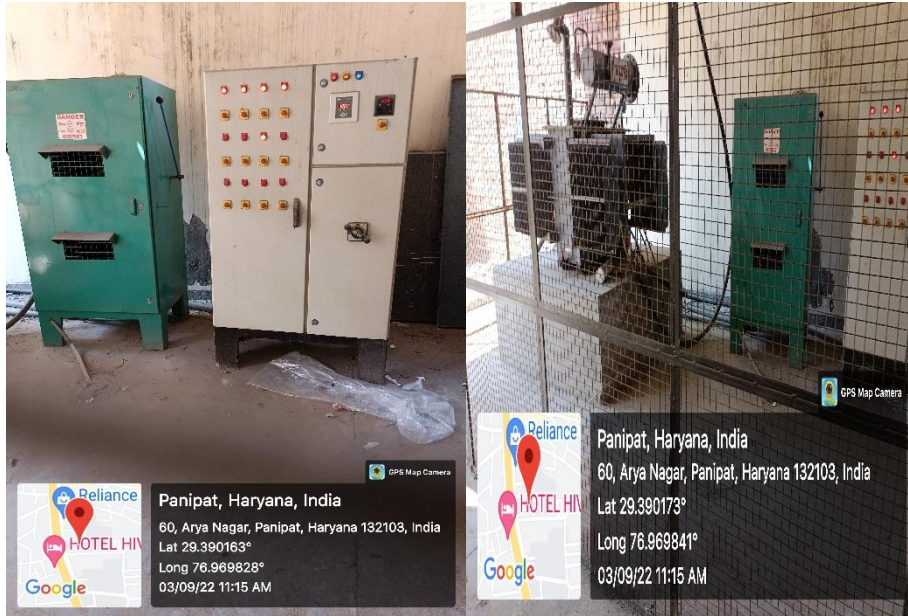


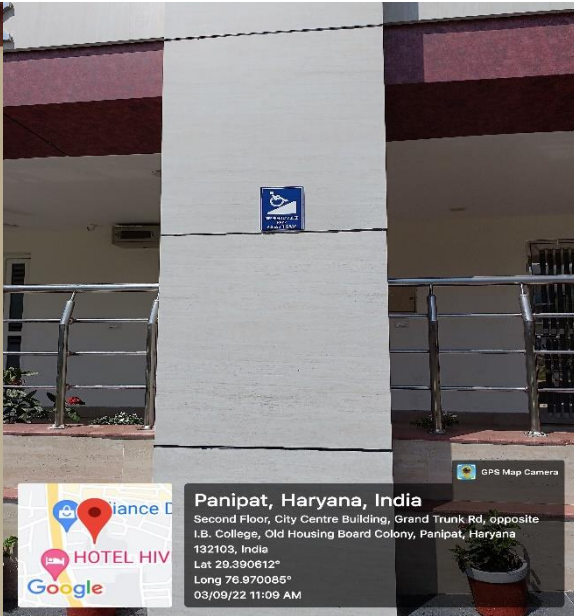




Facilities differently  
abled.docx











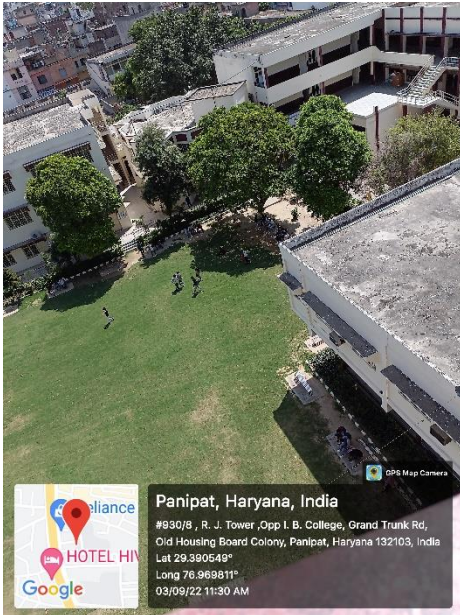
GPS Map Camera

**पानीपत, हरियाणा, India**  
 1, near I.B. College Panipat, Pachranga Bazar, ओल्ड हाऊसिंग बोर्ड कॉलोनी,  
 पानीपत, हरियाणा 132103, India  
 Lat 29.390868°  
 Long 76.969967°  
 03/09/22 11:23 AM



GPS Map Camera

**Panipat, Haryana, India**  
 Second Floor, City Centre Building, Grand Trunk Rd, opposite I.B.  
 College, Old Housing Board Colony, Panipat, Haryana 132103, India  
 Lat 29.390748°  
 Long 76.970036°  
 03/09/22 11:08 AM



GPS Map Camera

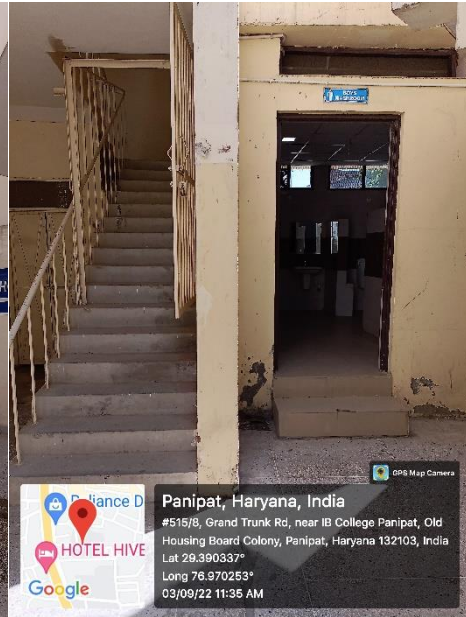
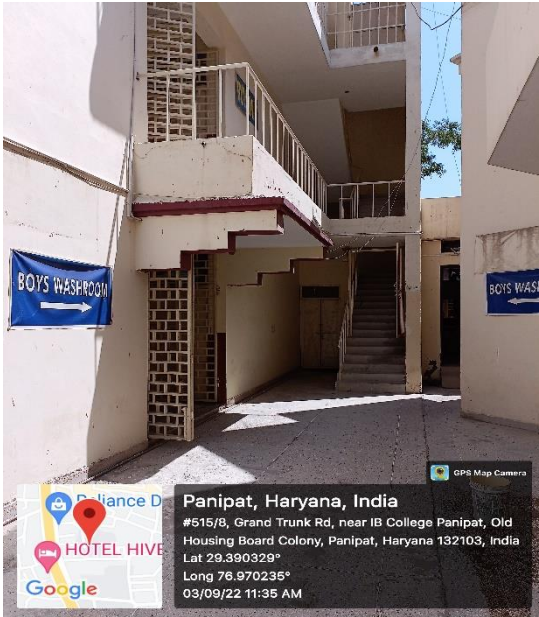
**Panipat, Haryana, India**  
 #930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd,  
 Old Housing Board Colony, Panipat, Haryana 132103, India  
 Lat 29.390549°  
 Long 76.969811°  
 03/09/22 11:30 AM

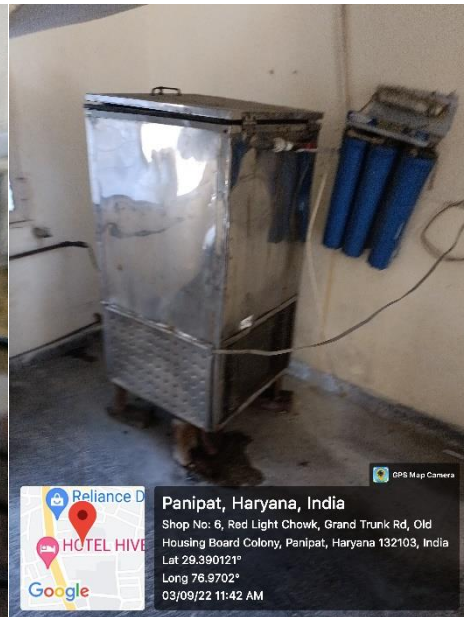
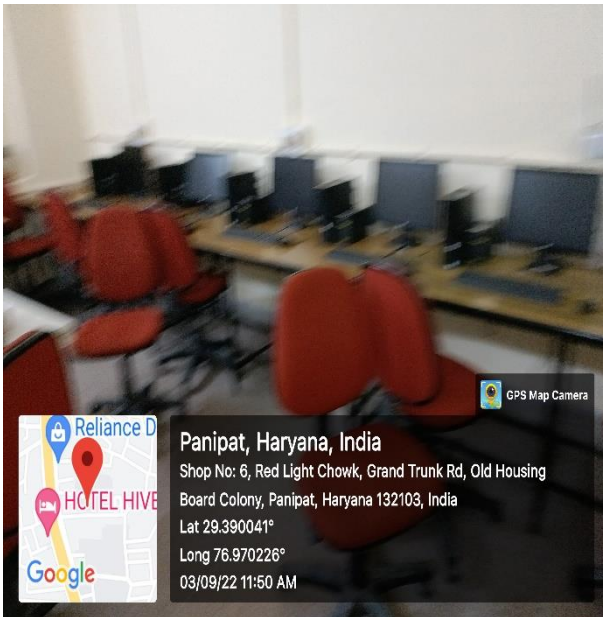
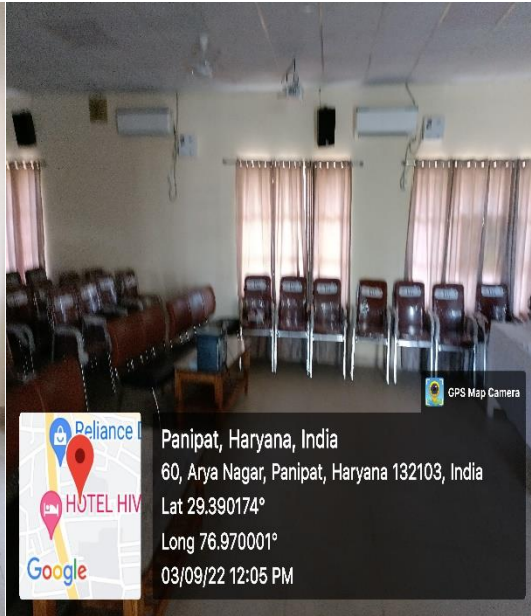
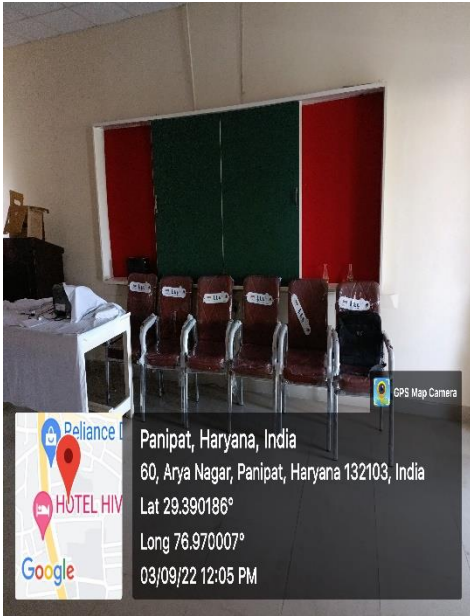


GPS Map Camera

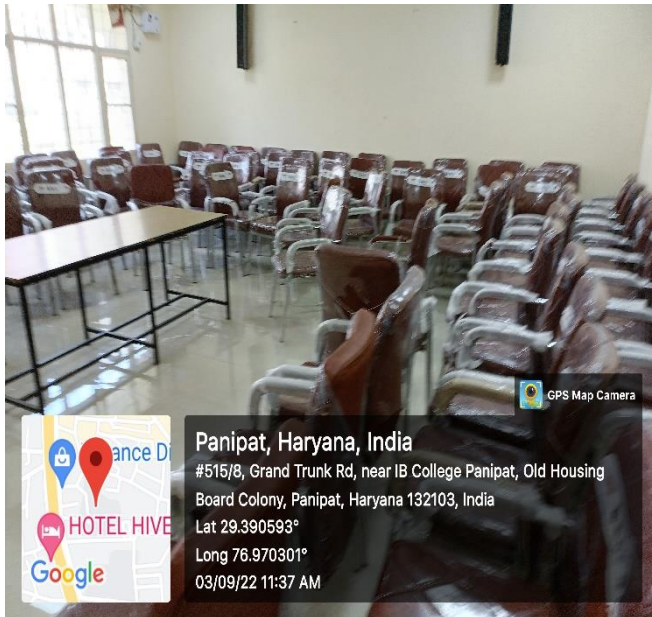
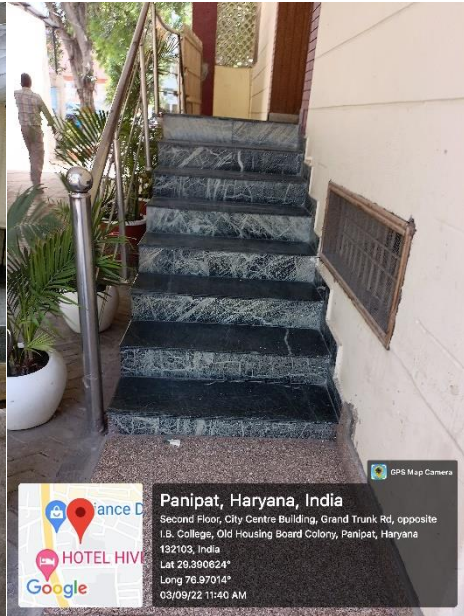
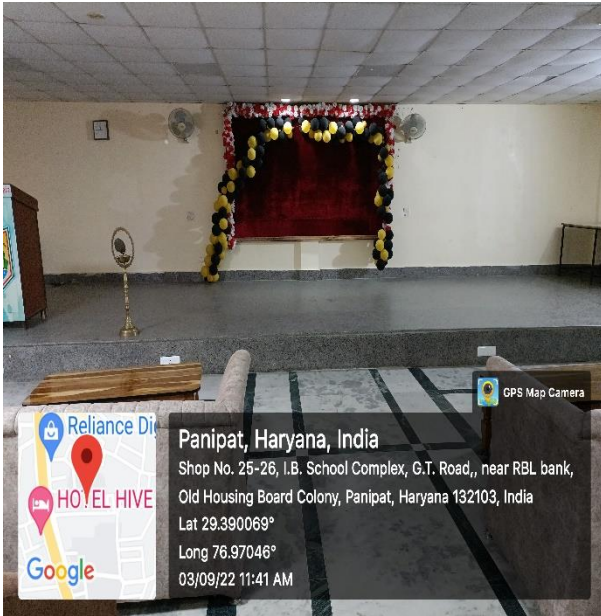
**Panipat, Haryana, India**  
 #930/8 , R. J. Tower ,Opp I. B. College, Grand Trunk Rd, Old  
 Housing Board Colony, Panipat, Haryana 132103, India  
 Lat 29.39055°  
 Long 76.969788°  
 03/09/22 11:30 AM

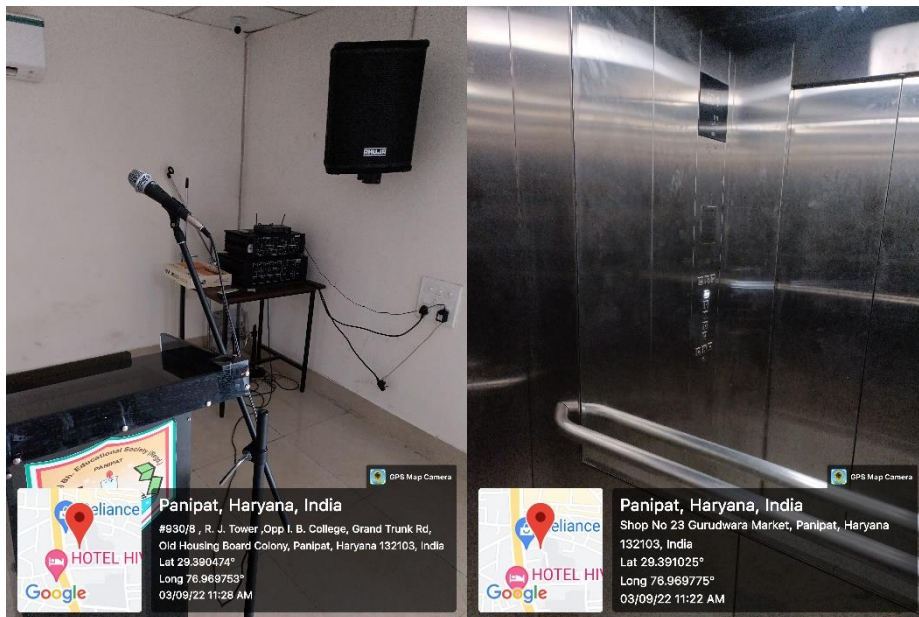
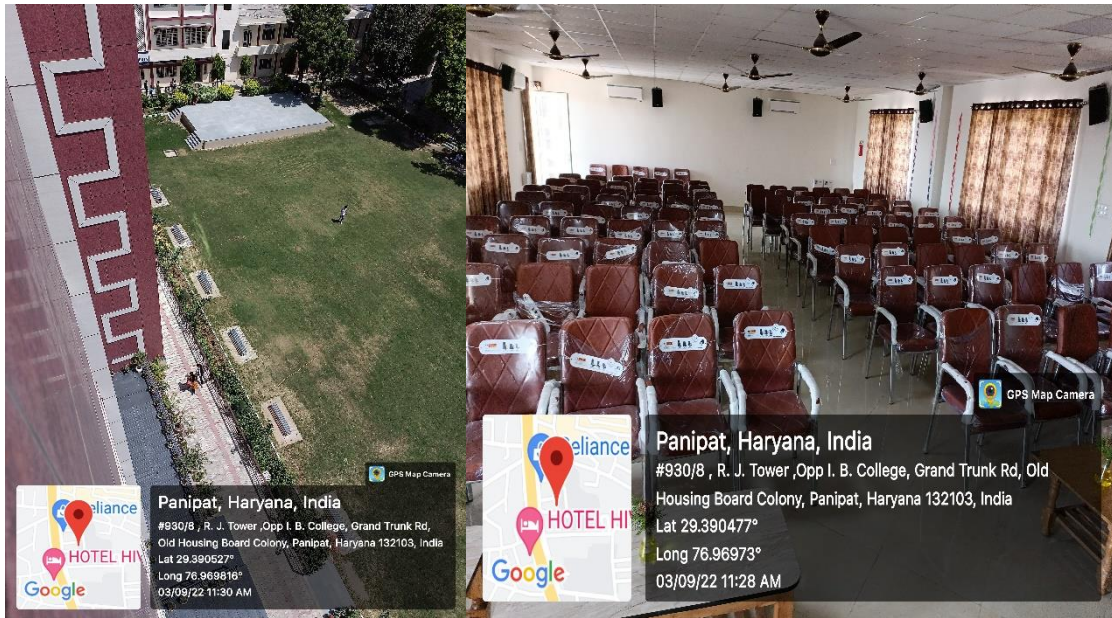




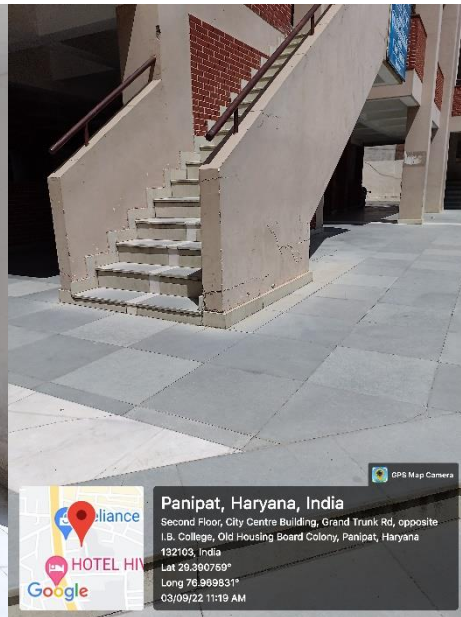
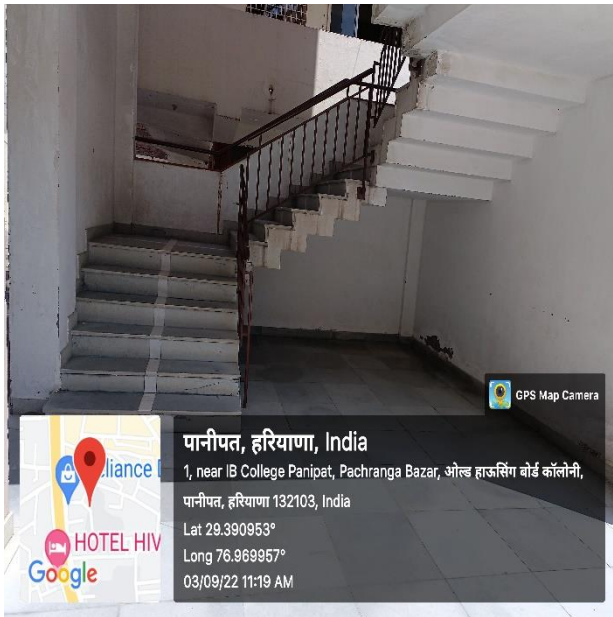
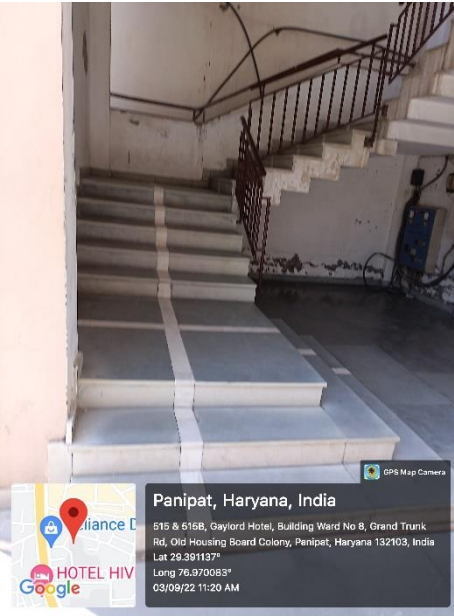
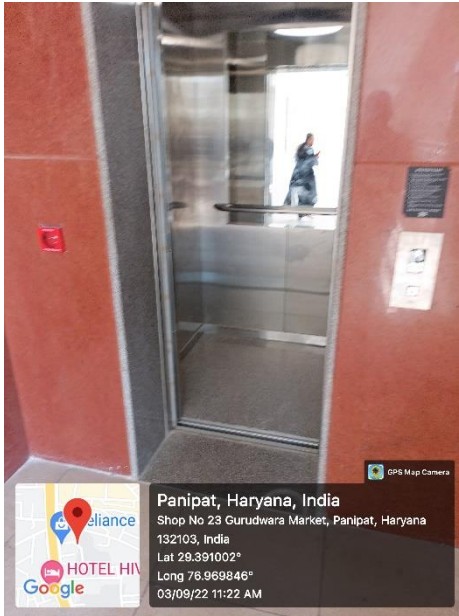


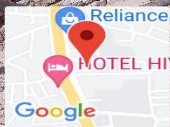








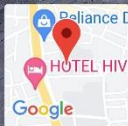
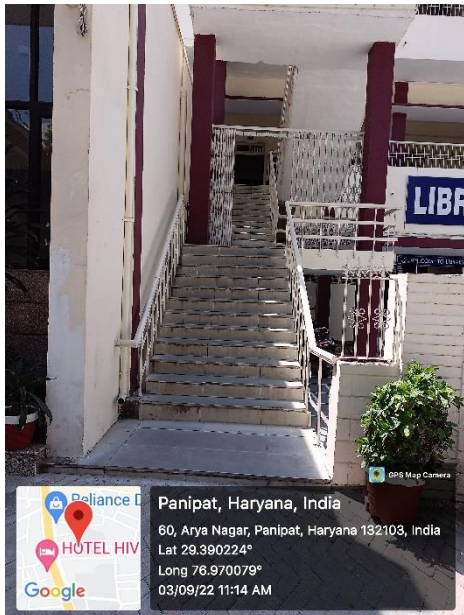




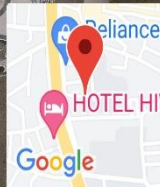
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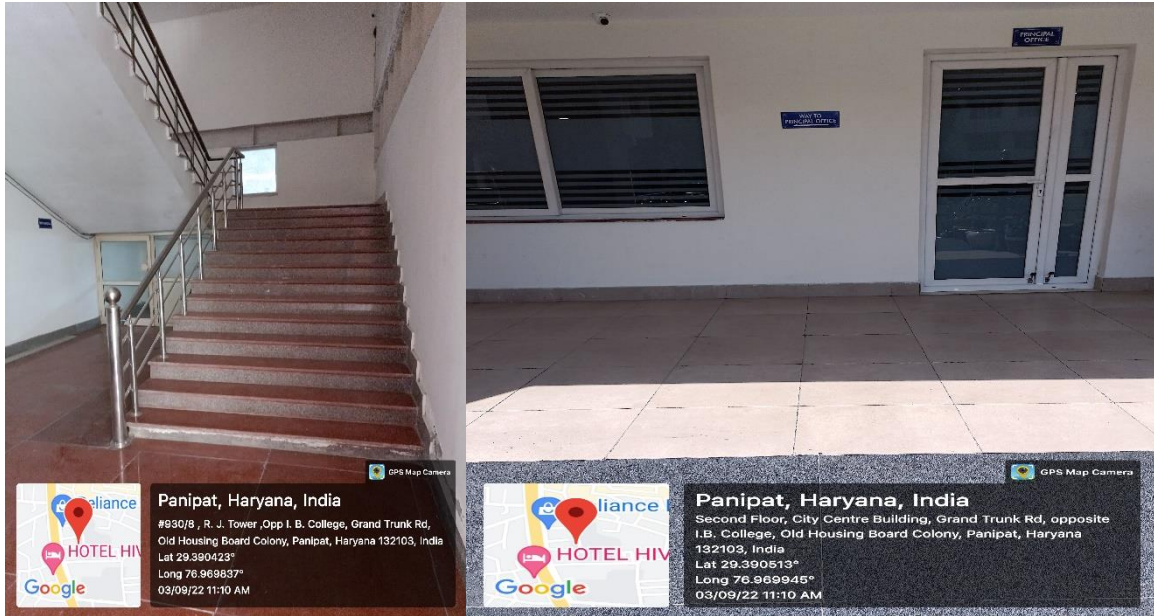


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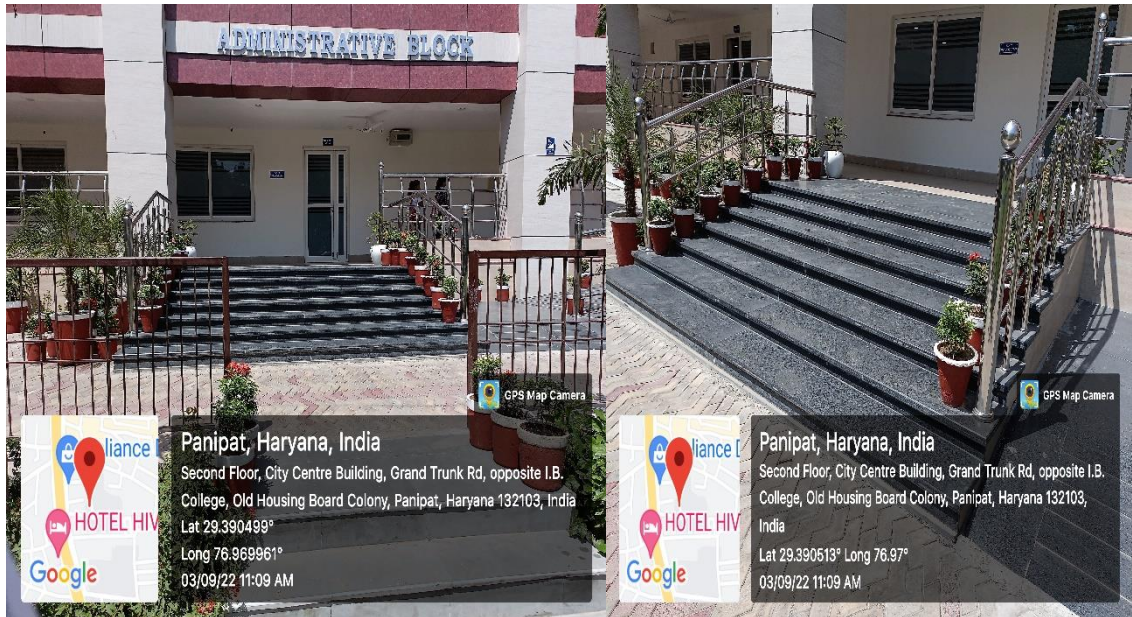
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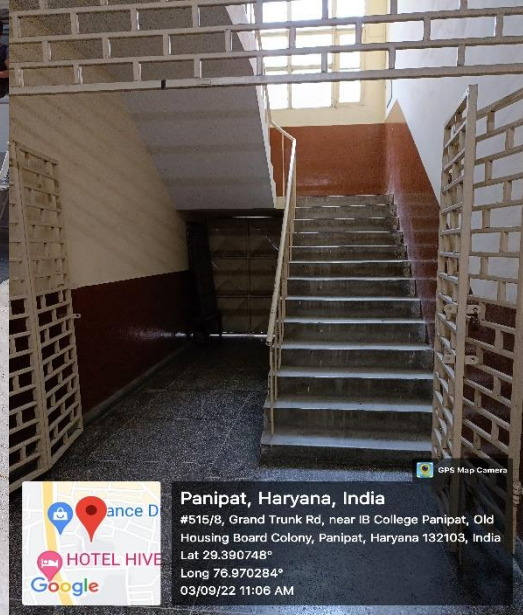

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 132103, India  
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## Skill Development Centre



## **Innovation and Incubation Centre**



## 6 Clean & Green Energy Initiatives taken by the College.

Sr. No.	Year	Name of the Activity	Duration (Days)	Organising Unit/Agency/Collaborating Agency	Number of Students
1	2017-2018	Tree Plantation week	7	NSS	72
2	2018-2019	Tree Plantation week	7	NSS	100
3	2018-2019	Cleanliness Drive at Railway Station, Panipat & surrounding areas	1	NSS	40
4	2018-2019	NSS Volunteers participated in “Swachh Bharat Abhiyan”	7	NSS Volunteers in association with Ministry of Drinking Water & Ministry of Human Resource Development	43
	2018-2019	Workshop on Best out of the Waste	4	Department Of Home Science	10
5	2019-2020	“Swachh Bharat Abhiyan”	42	NSS	80
6	2019-2020	Poster-Making & Pledge on Water Conservation Day	2	NSS	120
7	2019-2020	Tree Plantation	1	NSS	50
8	2019-2020	Tree Plantation	1	NSS in collaboration with Red Cross Society	60
9	2019-2020	Fit India Awareness Programme	1	NSS	80
10	2019-2020	Garbage Detection Campaign, Awareness Rally , Oath taking ceremony on ‘Swachhta Hi Sewa’ Campaign	46	NSS	100

<b>Sr. No.</b>	<b>Year</b>	<b>Name of the Activity</b>	<b>Duration (Days)</b>	<b>Organising Unit/Agency/Collaborating Agency</b>	<b>Number of Students</b>
11	2019-2020	Annual vegetable collection & Educational Trip	1	Biological Celebration	65
12	2019-2020	A trip at Exigo recycling Plant	1	Sanskarshala Club	70
13	2019-2020	Lecture on Water Conservation , Cleanliness Drive & Pledge on the occasion of Mahatma Gandhi Jayanti	7	NSS	80
14	2019-2020	Tree Plantation, distribution of 200 Tulsi plants , lecture on Cleanliness( One day Camp on Swacch Bharat Swasth Bharat)	1	NSS	80
15	2019-2020	Tree Plantation & Rally on not burning stubble under Prarli Abhiyaan	5	NSS	80
16	2019-2020	Online national Level Poster-making & Essay writing competition on Environment	1	Department of aenvironment Studies	240
17	2019-2020	Celebration of Bio-Diversity Day	1	Department of Bio-Science & IQAC	1000
18	2019-2020	Cleanliness Drive under “Shramdaan” Campaign	1	NSS	60
19	2019-2020	Rally on Air Pollution awareness	1	NCC	75

<b>Sr. No.</b>	<b>Year</b>	<b>Name of the Activity</b>	<b>Duration (Days)</b>	<b>Organising Unit/Agency/Collaborating Agency</b>	<b>Number of Students</b>
20	2019-2020	Cycle Rally for awareness Swacch Bharat Abhiyaan	1	NCC	40
21	2019-2020	One day National Webinar on Corona (environment) & Social Problem	1	IQAC	96
22	2019-2020	National Level Slogan Writing Competition on Covid-19 impact on Society & Environment	1	YRC	268
23	2020-2021	Tree Plantation under UNNAT HARYALI HARYANA ABHIYAAN	15	NSS	90
24	2020-2021	Tree Plantation	1	NSS	40
25	2020-2021	Awareness Rally against the use of Polythene	1	NSS	80
26	2020-2021	Cleanliness Drive	1	NSS	100
27	2020-2021	“Shramdaan” Campaign	6	NSS	40
28	2020-2021	April Cool Day	1	NSS	14
29	2020-2021	Celebration of World Environment Day on the theme “Celebrate Bio-Diversity”	1	Department of Environment Studies	40

<b>Sr. No.</b>	<b>Year</b>	<b>Name of the Activity</b>	<b>Duration (Days)</b>	<b>Organising Unit/Agency/Collaborating Agency</b>	<b>Number of Students</b>
30	2020-2021	Celebration of World Energy Conservation Day	1	Department of Environment Studies	50
31	2020-2021	Cultural Utility of medical Plants	1	Department of Botany & IQAC	300
32	2020-2021	Online Lecture Series on Bio-spectrum	1	Department of Botany	100
33	2020-2021	Poster making competition on Bio diversity conservation	1	Department of Bio-science	30
34	2020-2021	Tree plantation on Alumni meet	1	Department of Hindi, Alumni Association	100
35	2020-2021	Rally on not burning stubble under Prarli Abhiyaan	1	NSS	60
36	2020-2021	A Lecture on Bio-Science on the occasion of National Science Day	1	Science Faculty, IQAC	75
37	2020-2021	Online Quiz Competition on various aspects of Bio-diversity	1	Department of Bio-Science & IQAC	170
38	2020-2021	Oath & National Level quiz Competition on water Conservation Day	1	Department of environment study	426
39	2020-2021	National Level webinar on Reconstruction of our Earth on World Earth Day	1	Department of environment study, Department of Bio-Science & IQAC	250



<b>Sr. No.</b>	<b>Year</b>	<b>Name of the Activity</b>	<b>Duration (Days)</b>	<b>Organising Unit/Agency/Collaborating Agency</b>	<b>Number of Students</b>
40	2020-2021	Poster Making Competition on World Earth Day	1	Department of environment Study	75
41	2020-2021	Celebration of Botanical Nomenclature	1	Department of Botany & Bio-Science	35
42	2021-2022	Lecture on World Environment Day	1	NSS	80
43	2021-2022	Forest Festival	7	NSS	72
44	2021-2022	Slogan-Writing, Painting making Competition on the topic Not to use Plastic	1	NSS	78
45	2021-2022	Seminar on Water Conservation	1	NSS	78
46	2021-2022	Environment awareness rally	1	NSS	10
47	2021-2022	Cleanliness Drive	1	NSS	50
48	2021-2022	Tree Plantation week	7	NSS	45
49	2021-2022	Plant- A Sapling & National Level PPT Competition on World Environment Day	1	Department of Environment Studies	35
50	2021-2022	Online Lecture on Ecosystem Restoration	1	NSS	175

<b>Sr. No.</b>	<b>Year</b>	<b>Name of the Activity</b>	<b>Duration (Days)</b>	<b>Organising Unit/Agency/Collaborating Agency</b>	<b>Number of Students</b>
51	2021-2022	Slogan writing, Painting Competition on Water Conservation & No use of Plastic on the occasion of Sh. Chandra Shekhar Azad birth anniversary	1	Sanskarshala Club, NSS	60
52	2021-2022	Celebration of wild Animal Week	1	Department of Bio-Science	135
53	2021-2022	Poster making competition on the occasion of World Energy Conservation Day	1	Department of Environment Studies	25
54	2021-2022	Eco-Club organized various competition on Environment Conservation	1	Eco-Club	50
55	2021-2022	A trip at Exigo recycling Plant	1	Department of Computer Science, Bio-Science, Sanskarshala Club	80
56	2021-2022	International Environment Day (Various competition organized)		Department of Bio- Science, Department of Environment study, Haryana State Bio diversity Board	55
57	2021-2022	Tree Plantation under one tree belief campaign	11	NSS, NCC, Sanskarshala, Eco-Club	80

## **6.1 On Campus and Beyond the campus environmental promotion activities**

### **Under NSS Unit**

<b>2021-22</b>	<b><u><a href="http://ibpgcollegepanipat.ac.in">I.B. (PG) COLLEGE (ibpgcollegepanipat.ac.in)</a></u></b>
<b>2020-21</b>	<b><u><a href="http://ibpgcollegepanipat.ac.in">Session 2020-2021NSS – I.B. (PG) COLLEGE (ibpgcollegepanipat.ac.in)</a></u></b>
<b>2019-20</b>	<b><u><a href="http://ibpgcollegepanipat.ac.in">session19-20nss – I.B. (PG) COLLEGE (ibpgcollegepanipat.ac.in)</a></u></b>
<b>2018-19</b>	<b><u><a href="http://ibpgcollegepanipat.ac.in">Session18-19nss – I.B. (PG) COLLEGE (ibpgcollegepanipat.ac.in)</a></u></b>
<b>2017-18</b>	<b><u><a href="http://ibpgcollegepanipat.ac.in">Session17-18nss – I.B. (PG) COLLEGE (ibpgcollegepanipat.ac.in)</a></u></b>



## **6.2 To reduce the carbon emission, solar power plant of capacity 50kW has been installed in the college.**

Solar power is a renewable energy source, meaning it is derived from sunlight, which is abundant and inexhaustible. By harnessing solar energy, the college reduces its reliance on fossil fuels, promoting environmental sustainability. Solar power generation produces no greenhouse gases emissions, air pollutants, or harmful by-products, unlike traditional fossil fuel-based energy sources. It helps mitigate the college's carbon footprint, contributing to a cleaner and greener environment.

Once the solar power plant is installed, we have significantly reduced the college's electricity bills. While there is an initial investment, the long-term savings on electricity expenses can be substantial, allowing funds to be allocated to other essential educational needs. The presence of a solar power plant on the college campus serves as an educational tool. It offers opportunities for students and faculty to learn about renewable energy technologies, sustainability, and environmental conservation, promoting a culture of eco-consciousness.

Overall, installing a solar power plant in a college aligns with the institution's commitment to sustainability, responsible environmental stewardship, and providing a valuable learning experience for students and staff. It exemplifies the college's dedication to creating a greener and more resilient campus while contributing to a sustainable future.



**6.3 Regular Tree Plantation drives are being organized. Around 2000 trees have been planted during last 5 years in various locations of Panipat including the Village adopted by the College.**

Participating in tree plantation drives helps students develop a deeper understanding of environmental issues and the importance of conservation. It fosters a sense of responsibility towards the environment and encourages eco-conscious behaviour.

Tree plantation drives provide a practical and hands-on learning experience for students. They get to actively engage in planting and caring for trees, gaining knowledge about different tree species, planting techniques, and environmental practices.

Tree plantation drives often involve teamwork and collaboration among students. It encourages them to work together towards a common goal, promoting unity and camaraderie among peers.

An increase in the number of trees on the college campus enhances the aesthetic appeal and creates a greener and more pleasant environment. It improves the overall ambiance of the college, positively impacting everyone's well-being. We have promoting tree plantation to our Students who have actively participated in making their surrounding green and to reduce the pollution load in the industrial city. As our campus is not that huge we do not have much space to plant trees here but this has not refrained us from making our students aware of the significance of green initiative.



 **NCC UNIT**  
 **I.B. PG COLLEGE, PANIPAT**  
 **TREE PLANTATION**









#### **6.4 Ordinary lights have been replaced by LED lights to reduce consumption of electricity.**

Replacing ordinary lights with LED lights in the college offers numerous benefits, making it a practical and environmentally responsible choice. Here are the key reasons why our college had considered making this transition:

**Energy Efficiency:** LED lights are highly energy-efficient and consume significantly less electricity than traditional incandescent or fluorescent lights. This reduction in energy consumption leads to substantial cost savings on the college's electricity bills.

**Cost Savings:** While LED lights may have a higher upfront cost, they have a longer lifespan, which means fewer replacements and lower maintenance expenses over time.

**Environmental Impact:** LED lights have a lower carbon footprint compared to conventional lighting options.

**Improved Lighting Quality:** LED lights provide better quality and more uniform illumination compared to traditional lighting options. This enhances visibility in classrooms, corridors, and other areas on the college campus, creating a conducive environment for learning and activities.

Therefore, by replacing ordinary lights with LED lights, our college demonstrates its commitment to energy conservation, cost efficiency, and sustainable practices. It sets an example for students and the community, encouraging them to embrace energy-efficient technologies and contribute to a greener future.



**6.5 3 stars – 5 stars Air Conditioning systems are installed in the college to minimize the electricity consumption.**

5-star rated ACs are highly energy-efficient, consuming significantly less electricity compared to lower-rated models. This leads to substantial cost savings on electricity bills for the college.

Though 5-star rated ACs may have a higher initial cost, their energy efficiency translates into long-term cost-effectiveness. The reduced energy consumption results in lower operating expenses over the ACs' lifespan.

By using 5-star rated ACs, the college reduces its carbon footprint and contributes to environmental sustainability. Lower energy consumption means lower greenhouse gas emissions, supporting the college's eco-friendly initiatives.

5-star rated ACs are designed to provide optimal cooling performance while using minimal energy. They efficiently maintain comfortable indoor temperatures, ensuring a conducive learning and working environment for students and staff. There may be some old machines retained where the use is very limited but we are planning to replace all those with energy efficient ones.



## **6.6 College has its own dedicated transformer & power factor to reduce transmission losses.**

The Decision to get our own transformer was based on careful evaluation, including factors like power requirements, load analysis, cost-benefit analysis, and consultation with electrical experts. The reasons have been:

**Increased Electrical Load:** As our college is expanding and growing day-by-day, the electrical load is increasing significantly. A standard electrical supply might not be sufficient to meet the increased demand for electricity, necessitating the installation of a dedicated transformer to handle the load.

**Unreliable Power Supply:** In our region, the local power supply is unstable or prone to frequent outages. By purchasing our own transformer, the college can have greater control over its power supply, ensuring a stable and uninterrupted electricity flow.

**Load Distribution:** Our college campus has multiple buildings and facilities with varying power requirements. Having own transformer allows the college to distribute the electrical load more efficiently across different areas, optimizing the power supply.

**Voltage Regulation:** Transformers can help regulate voltage levels, ensuring that the electrical equipment and appliances on the campus receive the correct voltage for optimal performance and longevity.





## **6.7 Operational E-Waste collection centre.**

E-waste contains hazardous materials such as lead, mercury, cadmium, and other toxic substances. If not disposed of properly, these harmful elements can leach into the soil and water, contaminating the environment and posing a risk to human health. E-waste, if not handled correctly, can pose health and safety risks to the college community. Exposure to toxic materials can lead to health issues for students, faculty, staff, and maintenance workers. Proper e-waste disposal provides an opportunity for colleges to educate their students about the importance of responsible waste management and the environmental impacts of e-waste.

As an institute of higher learning, our College has a responsibility to demonstrate environmental responsibility and sustainability. Proper e-waste disposal showcases our college's commitment to eco-friendly practices and fosters a positive reputation within the community.



## 6.8 Separate dustbins have been placed at different places to segregate the solid waste.

The segregation of waste is necessary in colleges for several important reasons, each contributing to environmental protection, efficient waste management, and promoting sustainable practices. Here are the key reasons why waste segregation is crucial in college:

**Environmental Protection:** Waste segregation helps prevent the contamination of recyclable materials with non-recyclable or hazardous waste. By separating different types of waste at the source, the potential for environmental pollution and damage is significantly reduced.

**Efficient Recycling:** Segregating waste into categories like paper, plastic, metal, and organic waste makes recycling more efficient. Clean and properly sorted recyclables are easier for recycling facilities to process, increasing the likelihood of successful recycling.

**Waste Minimization:** Segregation allows for the identification of waste streams that can be minimized or eliminated through better practices, leading to reduced overall waste generation in the college.



## 6.9 Vermicomposting unit has been developed in the college.

Use of a vermi-compost plant in college offers numerous benefits and serves as an excellent sustainable waste management solution. Here are some of the ways a vermi compost plant can be beneficial for a college:

**Organic Waste Management:** Colleges generate a significant amount of organic waste, such as food scraps from canteens, garden waste, and other biodegradable materials. Our vermi compost unit is efficiently processing organic waste and convert it into nutrient-rich compost.

**Waste Reduction:** By diverting organic waste from landfills, a vermi compost plant helps reduce the volume of waste that would otherwise contribute to environmental pollution and greenhouse gas emissions.

**Sustainable Landscaping:** The nutrient-rich vermi compost produced being used in college gardens and landscaping projects. It enhances soil fertility, promotes plant growth, and reduces the need for chemical fertilizers.







## **6.10 R.O. Wastewater is collected in an underground tank and used for gardening and watering the plants.**

Installing an R.O. (Reverse Osmosis) water plant in a college can be highly beneficial, providing safe and clean drinking water for the college community. We have installed R.O. System with sufficient capacity in the College considering the following advantages:

**Safe Drinking Water:** R.O. water plants are designed to remove impurities, contaminants, and harmful substances from the water, ensuring that the drinking water provided to students, faculty, and staff is safe and free from pollutants.

**Improved Water Quality:** R.O. technology effectively filters out various waterborne pathogens, heavy metals, pesticides, and other pollutants, resulting in improved water quality and taste.

**Health Benefits:** Access to clean and purified water promotes better health among students and staff. It reduces the risk of waterborne diseases and ensures that the college community stays hydrated with safe water.

**Sustainability:** Installing an R.O. water plant encourages a reduction in the usage of single-use plastic water bottles. By providing safe drinking water on campus, the college can discourage the purchase of bottled water and contribute to environmental sustainability.





### 6.11 Other Energy Conservation initiative:

The institution clearly understands the significance of water conservation, environmental protection and energy conservation. These all aspects are very crucial for sustainable development. Following initiatives are worth mentioning here:

**Water Conservation Initiative:** Water is most essential commodity for life. The campus hasample water usage facilities in the form of drinking water , water for sanitary and garden usage as well as for lavatory uses, Wherever an outlet is provided we have a clear and concise statement “ **Please turn off the Taps after Use**” for the user to make proper use of this useful resource. This practice will make the students and other users aware of not wasting this precious gift of nature.



**Energy Conservation Initiative:** The most important form of energy we use in the campus is electricity. Even after adopting all the necessary steps to conserve and minimize the loss of electricity, we have gone one step ahead and have spread the message among our students and faculty to help us in saving electricity. On Every switch Board of the college the energy saving message is displayed: **"SWITCH OFF THE LIGHTS AND FANS WHEN NOT IN USE"**