



Certificate of Registration

MANJEET FREIGHT CARRIERS

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For the following scope of activities:

**PROVIDING SERVICES FOR ROAD TRANSPORTATION,
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Issue No : 01
Date of Certification: 11 January 2023
1st Surveillance Due: 10 January 2024

Revision No () : NA
2nd Surveillance Due: 10 January 2025
Certificate Expiry: 10 January 2026
(subject to the company maintaining its system to the required standard)

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Dr. Anita Gupta
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Certificate



Certificate of Compliance

This is to certify that

RAJASTHAN SHIKSHAK PRASHIKSHAN VIDYAPEETH

SHAHPURA BAGH, AMER ROAD, JAIPUR, INDIA

has been established, duly implemented and company applies it
in accordance with the standard and Compliance by
Quality Veritas Certification Limited

ISO 50001:2018

Energy Management System

For the following activities

**PROVIDING EDUCATION FOR B.ED, B.A.B.ED AND SHIKSHA
SHASTRI**

Date of Registration	: 11 January 2023
1st Surveillance Due	: 10 January 2024
2nd Surveillance Due	: 10 January 2025
Certificate Expiry (subject to the company maintaining its system to the required standard)	: 10 January 2026

Certificate No:- 103110123

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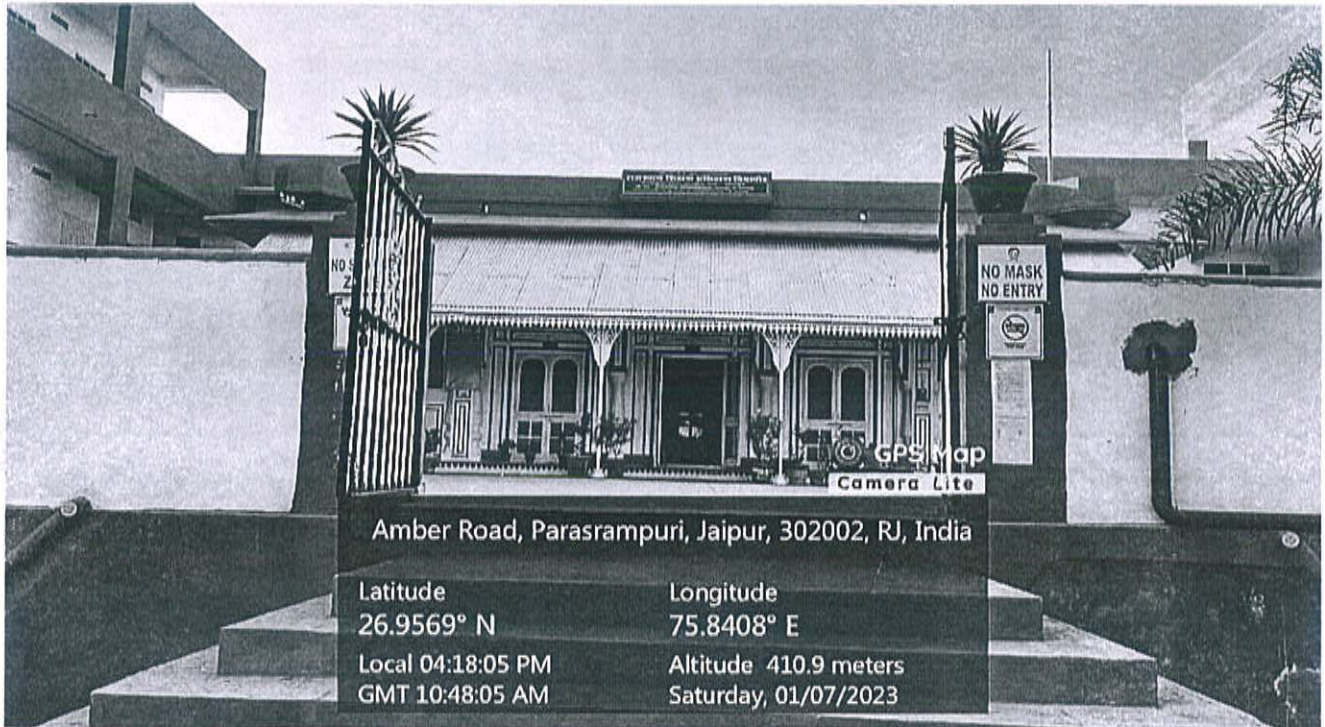

Authorised Signatory

Quality Veritas

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Suite 48, 88-90 Hatton Garden, London, EC1N 8PN, UK

Green Audit Report
for
Rajasthan Shikshak Prashikshan Vidyapeeth,
Shahpura Bagh, Amer Road,
Jaipur



Carried On
7th January 2023

Carried Out By

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Shahpura Bag, Amer Road, JAIPUR

VIDYAPEETH INTRODUCTION

Rajasthan Shikshak Prashiksan vidyapeeth is affiliated to university of Rajasthan from very beginning.

B.Ed, B.A.B.Ed is affiliated to university of Rajasthan and siksha Shastri is affiliated to JRRSU (Jagad Guru Ramanandacharya Rajasthan Sanskrit University) Rajasthan, jaipur.

This institute believes in philosophy of **“where we just no teach, we build character”**.

Vidyapeeth Vision

To produce quality teacher for playing their significant role in the society for educational reconstruction tending to result in total reconstruction of the nation by adhering to the statement – **“TEACHERS ARE NATION BUILDERS”**.

Vidyapeeth Mission

To prepare future teachers for General and Sanskrit education as per the laid down norms of regulatory bodies like NCTE, UGC, State Government and Affiliating Universities.

Nurture future teachers for their all-round personality development especially Physical, Mental, Emotional and Spiritual dimensions.

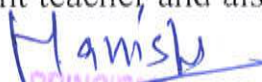
Promote logical and critical thinking, art of questioning and communication skills for transecting the acquired and created knowledge to new generation learners.

Develop pedagogical skills of handling with curriculum, innovative methodology of teaching and learning, recognizing individual difference.

Nurturing a climate of comity and collaboration with the values of enshrined in Indian constitution and our rich cultural heritage.

Provide efficient teachers for upcoming modern schools with scientific and technological acumen who are compatible for the fulfilment of aspiration of modern Indian society, parents and stakeholders.

Inspired self-learners for innovating, capable of handling the problems, aware of rights with the consciousness of performing the duties as a student teacher and also a committed Indian citizen.


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Shantura Bari, Jaipur

Details of Vidyapeeth infrastructure are as per below:

Plot Area – 4931.31 m²
Constructed Area - 4952.72 m²
Constructed Floors- 3 Floors including Basement

During Audit, Greendash team interacted with following college team members:

Name	Designation
Dr Manisha Sharma	Principal
Mr. Ashish Joshi	Member
Mr Satish Kumar Tomar	P.T.I.
Mr Jitendra Kumar Sharma	Lecturer
Mr Giriraj	Gardener


Principal
Pragathi Balichak Pratikshana Vidyapeeth
Shahpur Bag, A-1, JALGAON

College Campus Location

The Campus is situated near to Jalmahal, as its name suggests. It is one of the most popular tourist attractions in Jaipur. The Palace, which is situated in the midst of the lake, appears stunning against the backdrop of the lush Nahargarh Hills. This surrounding makes the campus surrounding calm and green. The Campus is used by the College administration for the purpose of College, Hostel and other administrative use.

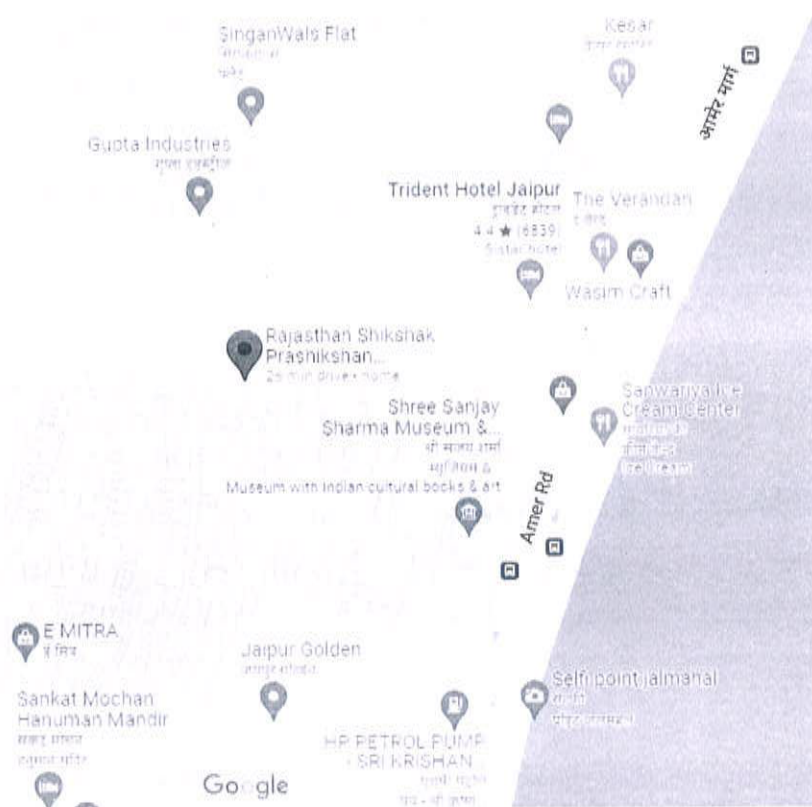


Figure -1:- Location of College

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Chapter 3

GREEN AUDIT

For Green Audit following 12 major areas were covered and compliance/ initiatives under these areas were verified/ validated.

1. Use of Natural Resources (Ventilation & Day Light)
2. Green Environment
3. Water Management
4. Wastewater Management
5. Awareness
6. Energy Efficiency
7. On-site Energy Generation
8. Paper Waste Management
9. E-Waste Management
10. Canteen and Solid Waste Management
11. Universal Access and Efficient Operation and Maintenance of Building
12. Green Programs (Green initiatives)

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Assistant Engineer (Civil) / Senior Engineer (Civil)
Public Works Dept., Pune District, Maharashtra

3.1 Use of Natural Resources (Ventilation & Day Light)

Corridors are created wide and very good ceiling height is also taken for proper ventilation. Most of the corridors receive good daylight.

Classrooms, Labs and Library have large windows. Windows are kept open for adequate daylight. (See Fig. 2)

Minimum two doors are provided in most of the rooms for safe exit during any emergency as well as provides good ventilation and sunlight also. (See Fig. 2)

Most of the classrooms have access from two direction which make classrooms more ventilated.

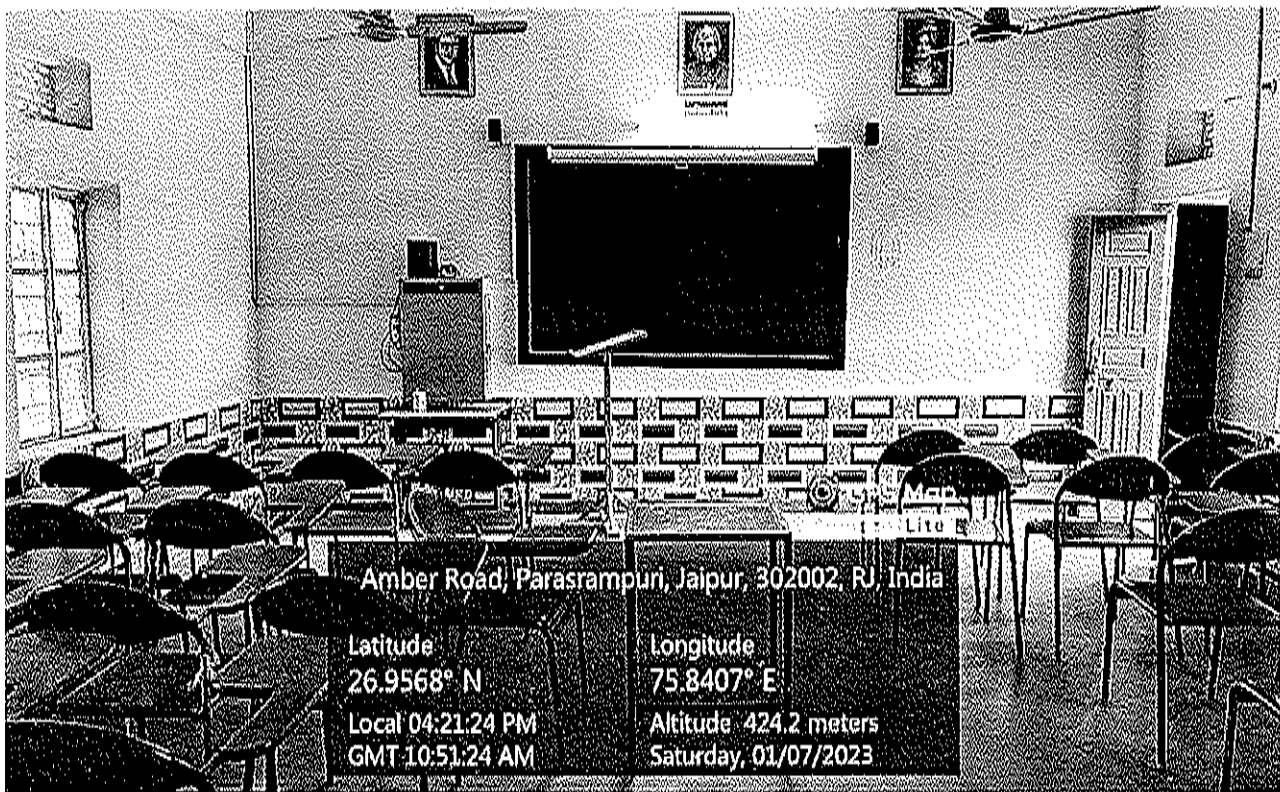


Figure -2:- Big openings for natural light and Ventilation along with smart classroom setup

Manish

3.2 Green Environment:-

College has planted following with the involvement of Teachers, Students, Visitors
Tree & Shrubs 361

in and around the campus for increasing the green Quotient as well as awareness among the students about the importance of trees in one's life. Figure 3

Following are the variety of trees / Shrubs available

- Ashoka trees
- Mango trees
- Banana trees
- Banayan trees
- Tulsi
- Champa
- Singoniun
- Snake trees
- Portulaca
- Tradescantia
- Neem trees

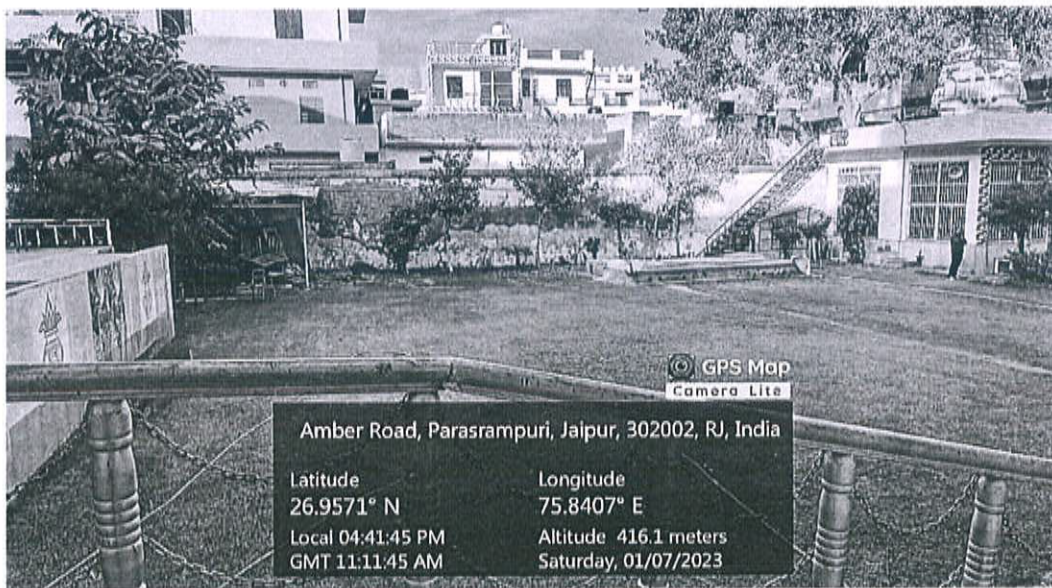


Figure -3:- Green Campus

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3.3. Water Management:

1. Bore well water is used for the various purposes in the college campus.
2. One bore well is available in the Campus.
3. Government supply water is used for drinking purposes after required treatment of the water.
4. Storage tanks were installed at various locations for storage of water for various purposes to avoid frequent running of pumping system to keep the water line under pressure.
5. For drinking water purposes water cooler are installed at various location in the campus.
6. Water meter is not installed to monitor the quantity of water extracted from the borewell and Water meter installed for government supply is also under breakdown. Due to this exact water consumption is not being tracked.
7. It is recommended water meter to be installed and daily/monthly water consumption to be recorded.
8. Rain water harvesting system is planned to be installed in the campus as per the details shared by the college team.
9. Various Water conservation faucets are available in the market which reduces the water consumption from the faucets as well as keeping the usage constant. Installation of such faucets can save water and will help in minimizing the water footprint of the institute.
10. Normally mops are used for floor cleaning to avoid the water wastage during floor cleaning.
11. Exhausts are installed in the washrooms.
12. Water conservation Signage can also be displayed in the water usage points to create awareness among users and increase water conservation.
13. Water coolers & purifiers are installed at drinking water supply points.
14. Sensor Based Taps can also be installed to eliminate the water wastage.

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3.4 Waste-water Management:

Sanitary wastewater generated from wash rooms is discharged into sewer line.

Wastewater/ sewage recycle is not practised in the College as grey water/ sewage treatment/recycle facility is not provided.

Sewage Treatment plant can be installed and treated water reuse can be practised to reduce the fresh water consumption and save the natural resource.

Water from air conditioning unit and reject water from water purifiers to be collected and should be used for watering plants within premises or various other purposes.

Manish

3.5 Indoor Air Quality:

Indoor Air Quality (IAQ) of any building or structures refers to the air quality within and around buildings and structures, as it relates to the health and comfort of building occupants. Some common indoor pollutant are listed as below:

Molds and other allergens – This may arise from water seeping into the building envelope or skin, plumbing leaks, condensation due to improper ventilation, or from ground moisture penetrating a building part.

Volatile organic compounds (VOCs) – VOCs are emitted by paints and lacquers, paint strippers, pesticides, office equipment such as copiers and printers, correction fluids and carbonless copy paper, graphics and craft materials including glues and adhesives, permanent markers, and photographic solutions etc.

Carbon monoxide – Sources of carbon monoxide are incomplete combustion of fossil fuels.

Carbon dioxide – Due to human respiration

Particulate matter – Due to construction and maintenance activities


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3.6 Power Management:

Electricity:

Electricity is supplied by local electricity department. The major electricity consuming equipment installed in the campus are

- Windows and Split AC,
- Submersible Motor,
- Motors,
- Air Cooler,
- Water Coolers
- RO Plant,
- Desktop,
- Printer,
- Fan,
- Tube light,
- LED Bulb,
- Halogen Bulb,
- Mercury Bulb etc.

It was observed that:

- LED tube lights and bulbs are installed in classrooms and labs.
- Signage are present near every electrical switch board encouraging users to switch off light and fans to save electricity. See Figure 4.

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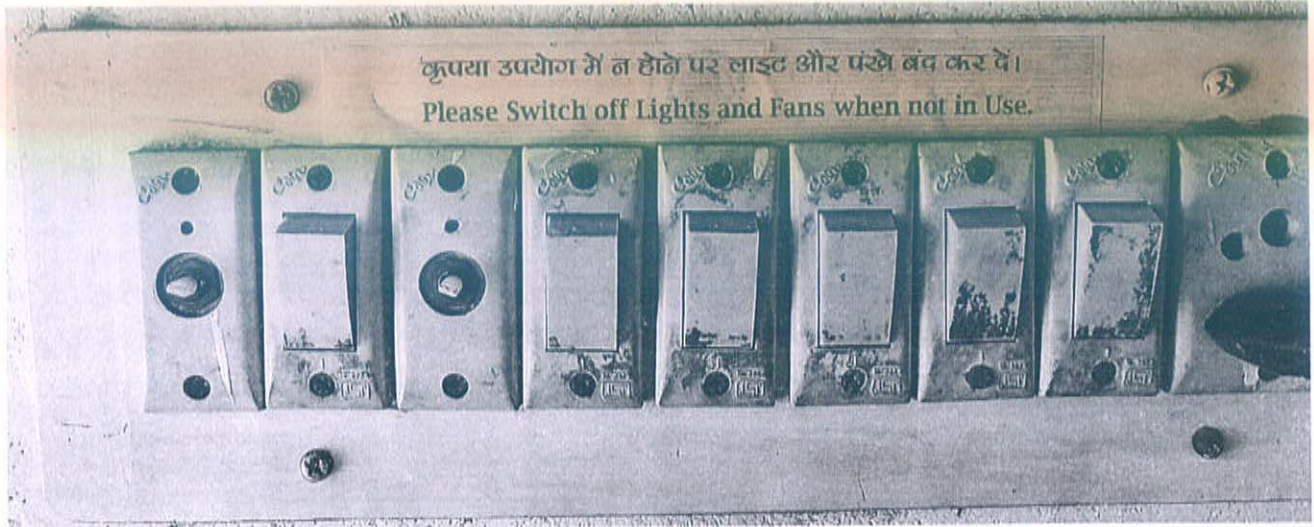


Figure 4:- Signage on Switch Boards

3.7 In house Power Generation:

16 kWp Solar plant is installed in the campus on roof. See Figure 5

Regular cleaning of the panels is being done to ensure the maximum solar generation.

45 KVA Diesel Generator is also installed for backup in the campus to run the emergency and critical power supply requirement.

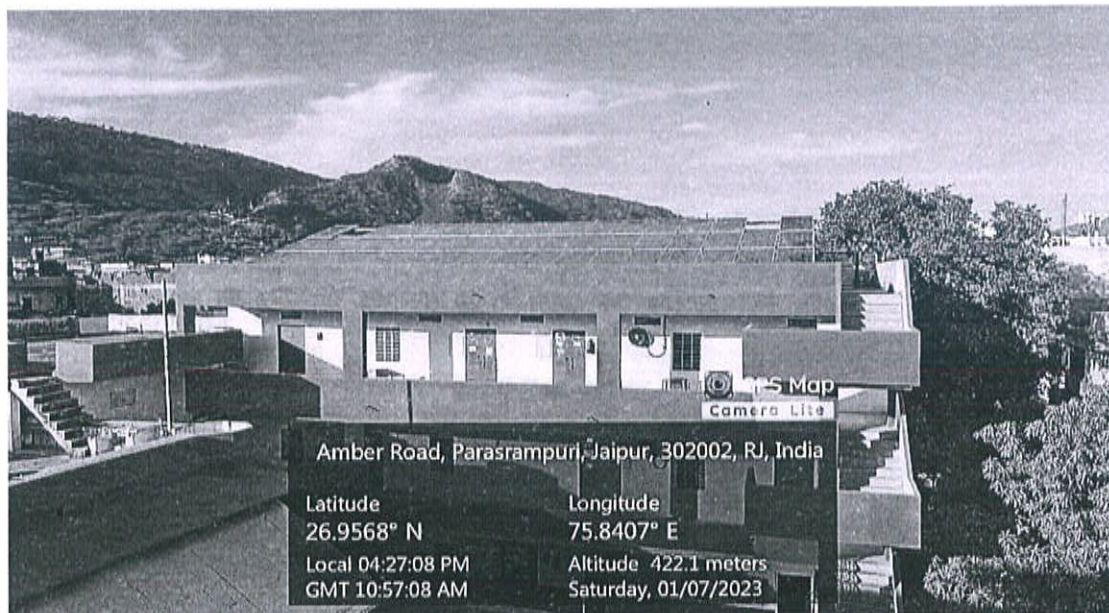


Figure 5:- Solar plant installed on roof

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3.8 Paper Usage Management:

In an educational institute papers are used widely for any type of record communication, documentation etc. leading it to generation of waste paper.

The College has taken many steps to optimize and avoid paper usage.

Following are the observations:

Both side of paper is used for print out or photo copy.

Most of the internal communications are done through digital mode.

Innovative practices are followed by staff as Used papers are used for rough work, file marker, page separator etc.

Old papers are given to vendor for recycling.

3.9 Solid Waste Management:

It was observed that:

Bio degradable waste is used for vermicomposting. 2 Nos. of Vermicomposting pit are installed in the campus for the said purpose.

Single use utensils are not being used in the campus. Reusable utensils are encouraged widely and various sessions are being organized for the same.

Paper, Cardboard, Metal waste generated is sent to recyclers.

Sanitary pad Vending and Incinerating Machine is installed in the Campus.

3.10 Rain water Harvesting:

It was observed that:

College has laid pipeline for collection of rain water and storage tank is also provided near temple area for storing the rain water for future usage.

Rain water recharging structure is constructed in the campus as shown in the Figure 6.

M. Anish

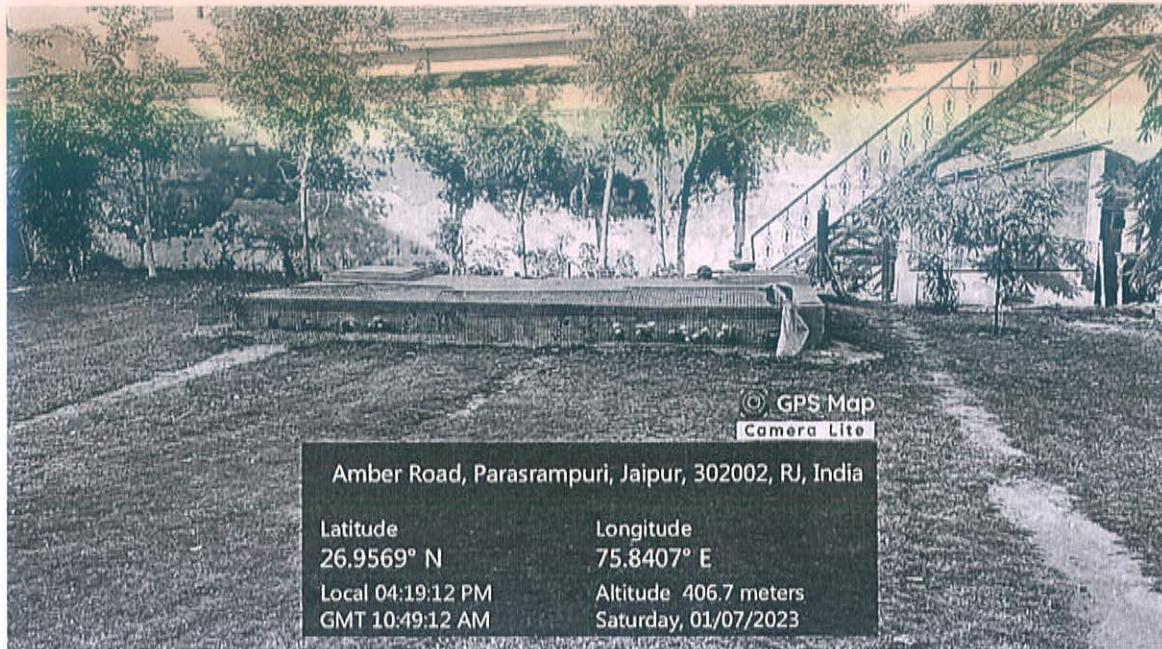


Figure 6:- Rain water harvesting tank

3.11 Green Initiatives:

College is organizing various awareness campaigns to create awareness among students such as

- Environment Day
- Tree Plantation Drive
- Earth Day
- Single Use Plastic awareness
- Energy Conservation

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Chapter - 4.0 Recommendation:-

4.1 For Improving Energy Efficiency:

Every classroom and lab with central switch board can have a diagram linking location of a tube light, fan etc. with corresponding switch. This will ensure that correct fitting is switched on/ off and can save time & unnecessary operation.

Installation of automatic lights with sensors can be considered.

Standard Operation Procedures (SOPs) should be prepared and followed for green purchasing.

Equipment with star rating, using eco-friendly materials; with safe disposal policy to be preferred.

Policy of returning equipment at the end of life span to the supplier to be preferred.

Conduct energy audit every two or three years and determine the lux levels within College. Energy audit can help in reduction in number of light fittings/ energy usage in the College.

For purchasing new electric / electronic appliances, BEE star rating should be considered.

4.2 Water Conservation:

Provide information on water usage, consumption behaviour, saving tips to students/ staff through notices, campaigns, quizzes, screen savers in computer labs etc.

Minimize/ reduce water usage by installing water saving faucets.

Grey water/ sewage treatment / recycling system can be installed for flushing toilets. This will reduce the fresh water footprint.

Waterless urinals can be considered to reduce water consumption in the washrooms.

Manish
Principal
G. B. Pant Engineering College
Gurgaon, Haryana



Rajasthan Shikshak Prashikshan Vidhyapeeth

A Unit of B.Ed., B.A.B.Ed. & Shikshashastri College

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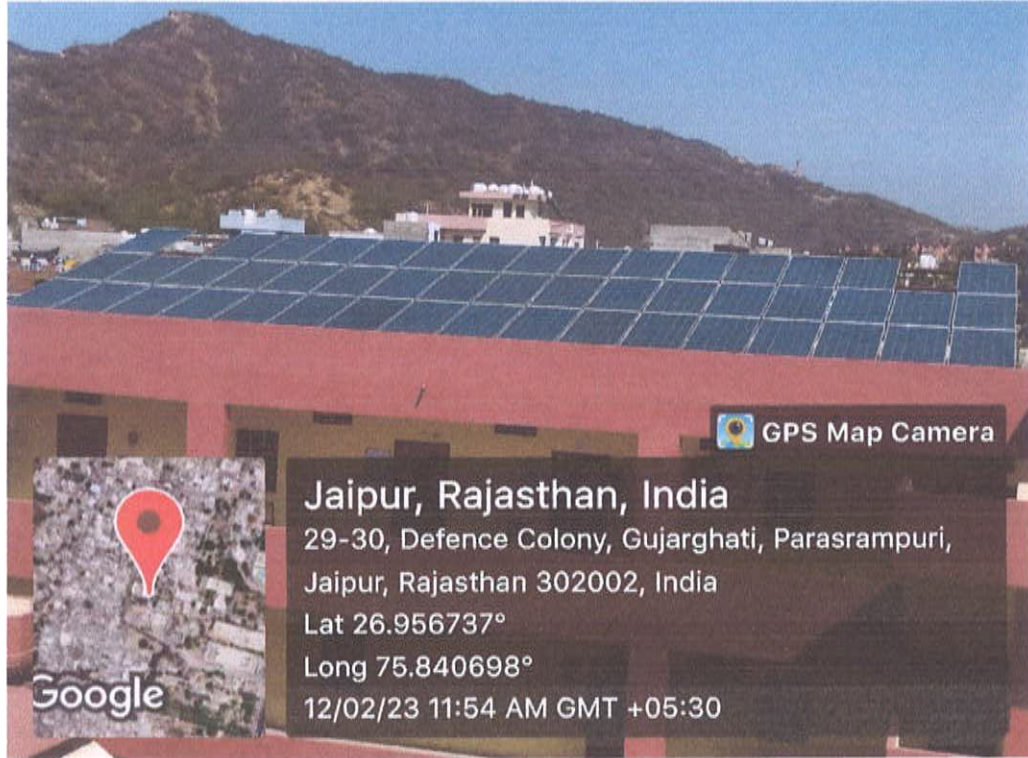
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Solar Plant Panel 1



Solar Plant Panel 2

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Rajasthan Shikshak Prashikshan Vidhyapeeth

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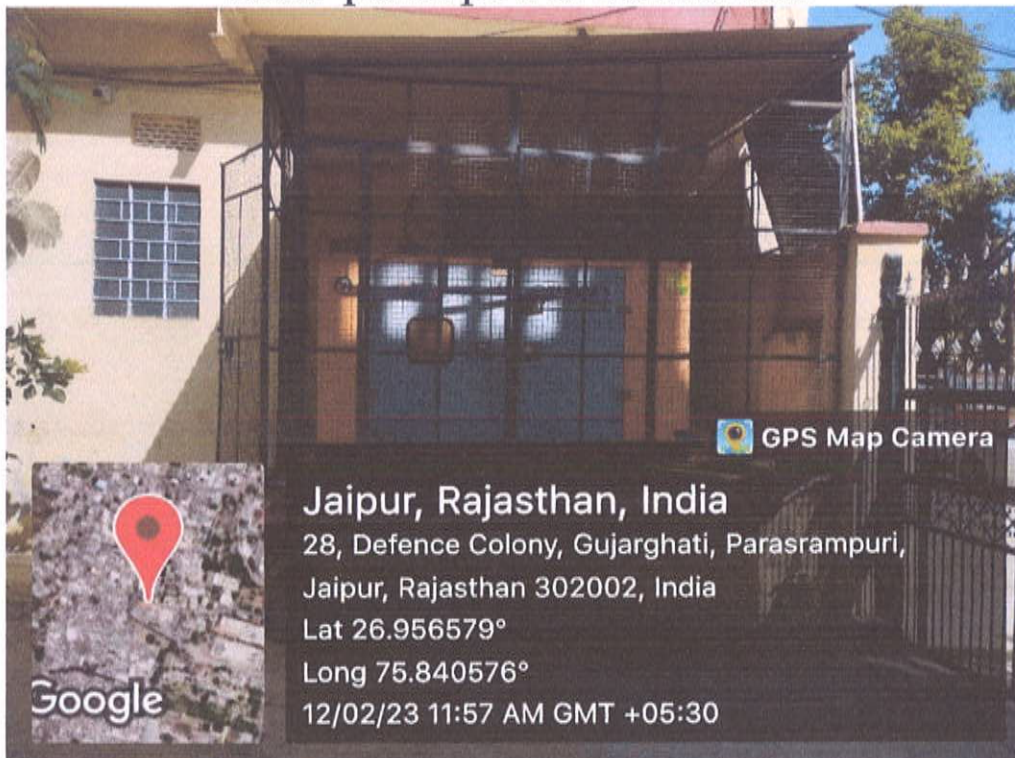
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Solar panel power connection



Diesel Generator