



WASTE MANAGEMENT AUDIT REPORT FOR POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY



Elion Technologies & Consulting Private Limited

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Acknowledgment

Elion Technologies and Consulting Pvt Ltd places on record it's thanks to Fpoor for entrusting the task of conducting waste management study.

We acknowledge with gratitude the whole hearted support and cooperation extended by all team members while carrying out the study.



Site Information

Name of College	Poornima Institute of Engineering and Technology
College Address	ISI - 2, Poornima Marg, Sitapura, Jaipur, Rajasthan, 302022
Execution Partner	ELION Technologies & Consulting Pvt Ltd
Communication Address	307, 3rd Floor DDA Lal Market H-Block Vikas Puri, New Delhi-110018
Date of Audit	6 th July 2023
Year of Audit	2023 – 2024
Audit Participants	Dr. Gautam Singh – Registrar & Chief Proctor Dr. Sama Jain – Professor & HOD First Year Mr. Ashwani Lata – Director (Student Welfare)
Total Area of College	96267.19 sq. ft.
Total Built up Area of College	3314 sq. ft.



Overview of Institute

Poornima Institute of Engineering and Technology, was established in 2007 with the aim of imparting pragmatic technical education. In its magnificent journey of 12 years, PIET has set benchmarks and reached at new pinnacles in Engineering Education with dedication, perseverance and devotion. PIET is spearheading its outstanding voyage with the motto 'Success is not a destination, it's a journey'.

Vision

To create knowledge based society with scientific temper through cutting-edge technologies, innovative research and to become valuable resource for enriching mankind.

Mission

- To provide an environment that will allow students and faculty members to be skilled in creation and implementation of new ideas.
- To provide platform to improve questioning, observing, testing, analyzing and communication skills.
- To provide qualitative education and generate new knowledge with integration of emerging technologies and research.
- To practice and promote high standard of potential ethics, transparency and accountability.

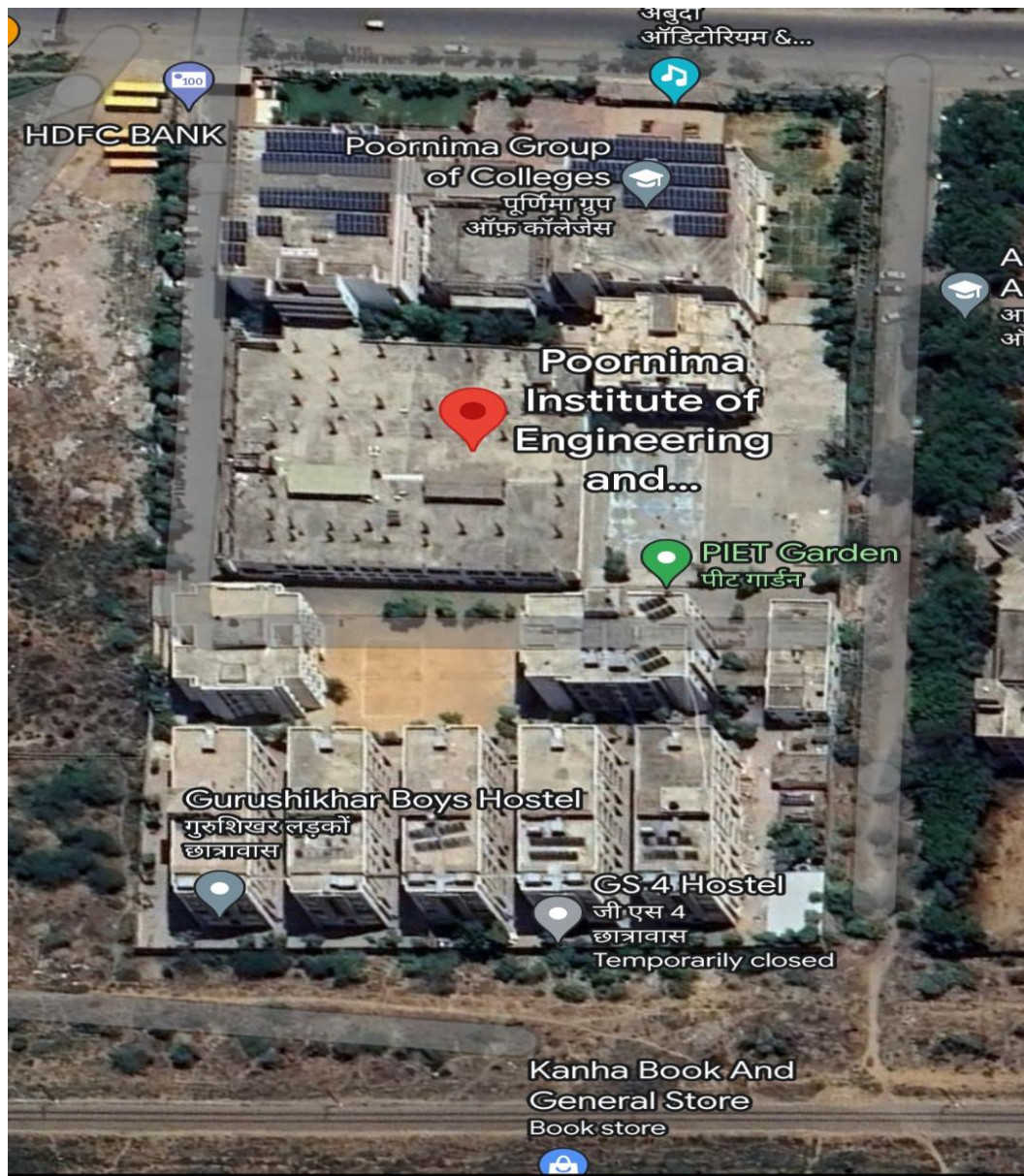
List of courses offered by the college:

- Computer Science Engineering
- Computer Science Engineering(R)
- Computer Science- Data Science (DS)
- Computer Science- Artificial Intelligence (AI)
- Artificial Intelligence & Data Science (AI & DS)
- Computer Science – IOT

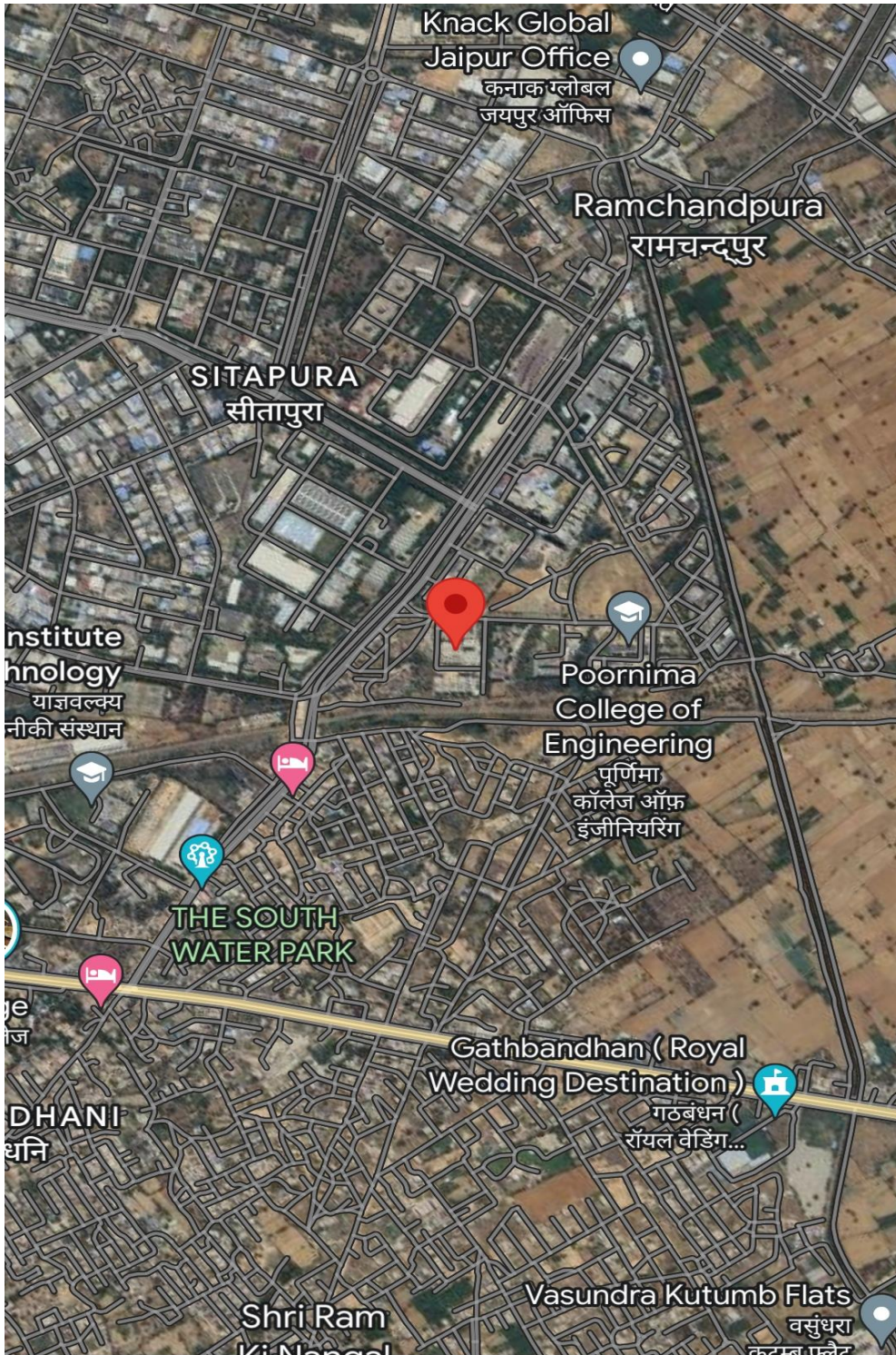


Environment Setting

The land use around the campus is mainly mix of residential and commercial area. There are educational institutes such as Apex Institute of Engineering and Technology and Swasthya Kalyan Institute, Garden and Hospital.



Poornima Institute of Engineering and Technology Campus



Location of Poornima Institute of Engineering and Technology Campus



Waste Management Audit

For Waste Management Audit following 3 major areas (including their subsections) were covered and compliance/ initiatives under these areas were verified/ validated.

- a) Paper Waste Management
- b) E-Waste Management
- c) Canteen and Solid Waste Management

Paper Waste Management:

Being academic institution, waste paper is the main solid waste generated in the college buildings. The University has taken steps to minimize and avoid paper usage.

It was observed that:

- a) Prints and photocopies are taken on both sides of the pages to avoid excess paper usage. Rather than photocopy, digitalization (scanning) is practiced.
- b) Internal notices and communications are through E-mail/Whatsapp.
- c) Faculty and administration staff uses old papers and envelops for internal usages as rough work, file markers, page separators etc.

E-Waste Management:

- a) MOU is present with an external agency for recycling and disposal of e-waste.



POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

MOU FOR ELECTRONIC WASTE RECYCLING

This MOU is entered into with effect from August 7, 2020 at Jaipur, Rajasthan

By and Between:

Poornima Institute of Engineering & Technology (PIET), having its Principal office at ISI-2, RHCO Institutional Area, Sitapura, Jaipur – 302022, Rajasthan, through its authorized signatory Dr. Gautam Singh, Registrar, Poornima Institute of Engineering & Technology (here in After referred to as the "First Party", which expression shall unless repugnant to or inconsistent with the meaning or context thereof be deemed to mean and include their successors, administrators and assign).

&

M/s. B.D. Computronix & Systems, a company incorporated under the Companies Act, 2013 having its registered office at F-143-C Chaitanya Marg, C-Scheme Jaipur 302001 and recycling site at S-25, Second Floor, Rasier Plaza, Indra Bazar, Jaipur 302061 (hereinafter referred to as the "Second Party", which expression shall unless repugnant to inconsistent with the meaning or context thereof be deemed to mean and include their successor, administrators and assign).

(The above mentioned parties to this MOU shall also be collectively referred to as "Parties" and individually as "Party").

NOW THIS MOU WITNESSETH AND IT IS HEREBY AGREED, DECLARED CONVENTED AND RECORDED BY AND BETWEEN THE PARTIES HERE TO AS FOLLOWS:

MOU for E-waste Disposal



Solid Waste Management:

It was observed that:

- a) Wet waste and dry waste segregation is practiced in the premises. Separate bins are provided for wet biodegradable and dry recyclable waste.
- b) Waste generated in the campus is disposed through third party as an MOU is there with an external agency.



Waste collection



Recommendations/Suggestions

- Inventories of all solid waste generated in the premises must be maintained.
- Enhance recycling. This can be done by creating a group where students can recycle books, personal clothes and other material to needy students. This can be an initiative under green program.
- The college can introduce online app, which can be useful for conducting internal exams, assignment/ reports submission. This system can also be used for displaying important notices, timetables.
- Paper usage shall be monitored to understand the impact of digitization in the facility.
- Training as well as awareness programs should be organized on segregation of biodegradable waste and recycling of waste. Efforts should be taken to inform students about recycling options and signs should be posted on appropriate bins indicating what could be dumped in each bin.



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DISCLAIMER

All information contained in this report is based on the data available and observations made during the audit. All recommendations made in this audit report should be duly evaluated by the management before implementation.

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