



Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE),
INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
“Approved by the D.T.E., M.S. Mumbai”

Ph +918669638081/82
Website- www.ssgmce.ac.in

Email. principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES

Key Indicator 7.1 - Institutional Values and Social Responsibilities

Metric No	Assessment Indicators	Evidences
7.1.3	<p>Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words)</p> <ul style="list-style-type: none">• Solid waste management• Liquid waste management• Biomedical waste management• E-waste management• Waste recycling system• Hazardous chemicals and radioactive waste management	Photographs of the Facilities




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.



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Management of Degradable and Non-Degradable waste

Solid waste management within the campus, including three girls' hostels, four boys' hostels, four staff quarters, cottages for class-4 employees, and an on-campus dispensary, has emerged as a significant concern. In response, the institution has established a structured process for the collection, treatment, and disposal of solid waste, along with strategies for recycling materials that should not be discarded as garbage or trash. A segregation and measurement system has been implemented to effectively manage various types of solid waste generated on campus, encompassing biodegradable waste such as rotten food, vegetable peels, and primarily wet kitchen waste, as well as e-waste, which includes irreparable computers, electronic and electrical equipment, machines, and toxic materials from the dispensary.

Segregation of Waste at Source:

The institute maintains good housekeeping practices, with waste being segregated at the source. Waste collection bins are strategically placed at various locations.



Waste collection bin on street



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Waste collection bin for canteen



Waste collection for hostel



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Organic Waste Management:

The institute has implemented a bio-composting bed arrangement to convert biodegradable waste, such as leafy waste, into bio compost.



Bio Composting Bed Arrangement



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Bio Composting Bed Arrangement

The institute has installed a sanitary waste incinerator for the disposal of sanitary waste.



Sanitary waste incinerator



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Liquid Waste Management:

The college has implemented a sewage treatment plant with a capacity of 200 m³/day. The treated water is utilized for gardening purposes.





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Sewage Treatment Plant



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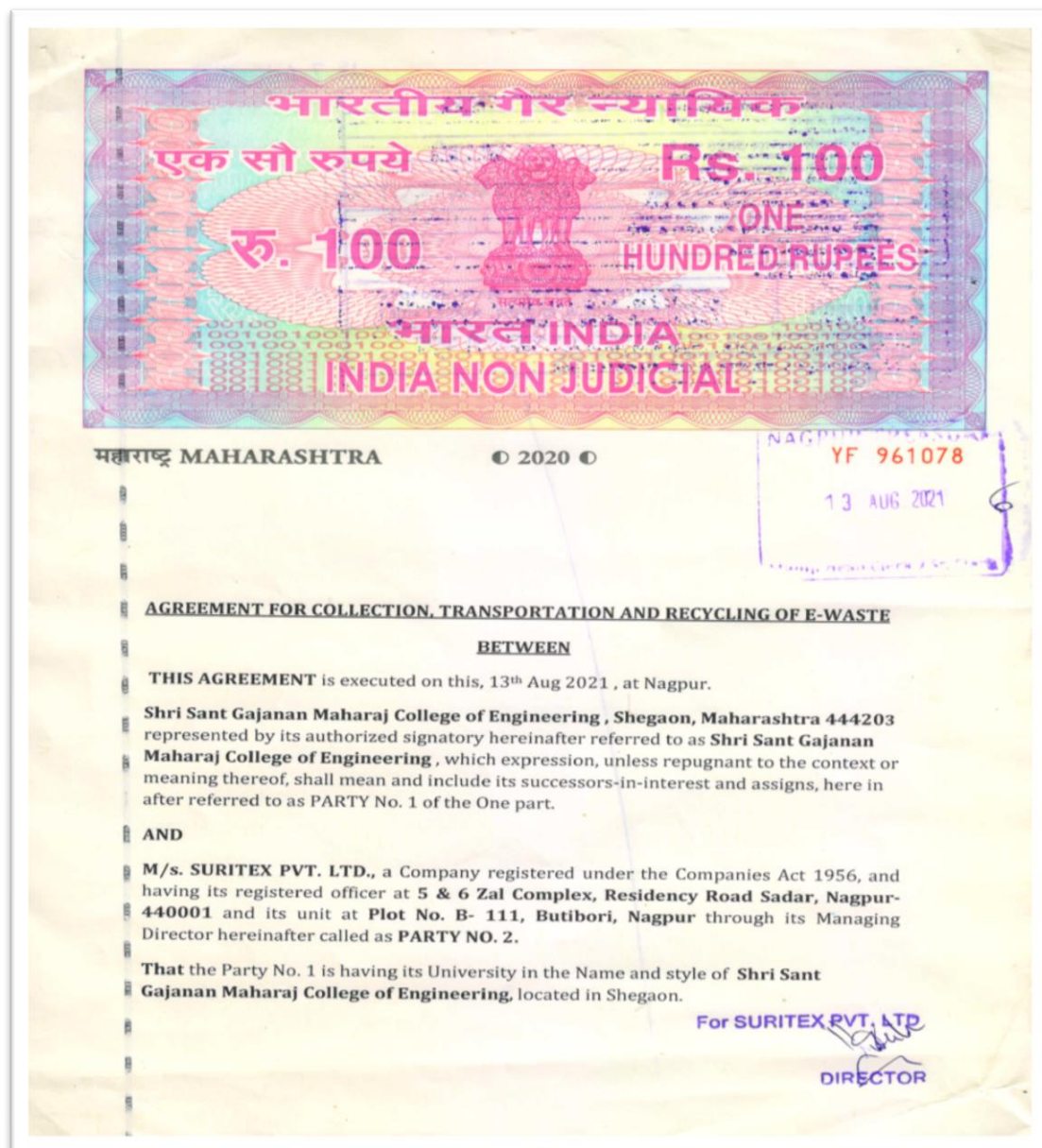
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E-waste Management

To ensure responsible e-waste management, the institution has designated storage areas where e-waste is assessed for potential exchange or disposal at minimal cost. The institute has an agreement with M/s Suritex Pvt Ltd, Nagpur, for the collection, transportation, and recycling of E-waste.



E- waste agreement



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**SHRI SANT GAJANAN MAHARAJ
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SHEGAON - 444 203 Dist. Buldhana (M.S.) INDIA

GSTIN : 27AAAAS7182E1ZF
RECEIPT

No.100004693
Date:13.12.2023

Name : SURITEX PVT LTD,BUTIBORI NAGPUR
GST No. : GSTNO:27AACCS7998E1ZT
We acknowledge with thanks, the details are stated below -

Particulars	Amount
Scrap	95,238.10
SGST	2,380.95
CGST	2,380.95
IGST	0.00
Total	100,000.00

Rs.(in words) : Rs. ONE HUNDRED THOUSAND and Paise ZERO
Bank :

RECEIVED / CASHIER
S.S.G.M.C.E. Shegaon

DRAFT
Subject to realisation
Subject to shegaon jurisdiction

Shri Gajanan Shikshan Sanstha's
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GSTIN : 27AAAAS7182E1ZF
RECEIPT

No.100004707
Date:13.12.2023

Name : SURITEX PVT LTD, BUTIBORI NAGPUR
GST No. : GST: 27AACCS7998E1ZT
We acknowledge with thanks, the details are stated below -

Particulars	Amount
Rent	46,491.42
SGST	1,162.29
CGST	1,162.29
Total	48,816.00

Rs.(in words) : Rs. FORTY-EIGHT THOUSAND EIGHT HUNDRED SIXTEEN and Paise ZERO
Bank : IMPS334713621561

RECEIVED / CASHIER
S.S.G.M.C.E. Shegaon

DRAFT
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GSTIN : 27AAAAS7182E1ZF
RECEIPT

No.100004684
Date:12.12.2023

Name : SURITEX PVT LTD,BUTIBORI NAGPUR
GST No. : GSTNO:27AACCS7998E1ZT
We acknowledge with thanks, the details are stated below -

Particulars	Amount
Scrap	169,285.72
SGST	4,232.14
CGST	4,232.14
IGST	0.00
Total	177,750.00

Rs.(in words) : Rs. ONE HUNDRED SEVENTY-SEVEN THOUSAND SEVEN HUNDRED FIFTY and Paise ZERO
Bank :

RECEIVED / CASHIER
S.S.G.M.C.E. Shegaon

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SHEGAON - 444 203 Dist. Buldhana (M.S.) INDIA

GSTIN : 27AAAAS7182E1ZF
RECEIPT

No.100004682
Date:12.12.2023

Name : SURITEX PVT LTD,BUTIBORI NAGPUR
GST No. : GSTNO:27AACCS7998E1ZT
We acknowledge with thanks, the details are stated below -

Particulars	Amount
Scrap	285,714.28
SGST	7,142.86
CGST	7,142.86
IGST	0.00
Total	300,000.00

Rs.(in words) : Rs. THREE HUNDRED THOUSAND and Paise ZERO
Bank :

RECEIVED / CASHIER
S.S.G.M.C.E. Shegaon

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E- waste bills



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Water Conservation

Rain Water Harvesting

The college has implemented a rainwater harvesting project, whereby rainwater falling on the terrace is collected and channelled through pipes into an underground water storage tank. This water is then treated and utilized for domestic purposes.



Rain water harvesting



Rain Water
collecting

Rain Water Carrying Pipe:



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Sewage Treatment Plant



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Aqua Bill- Sewage treatment plant

	AQUA DYNAMIC SOLUTION	P.O. Box No.-24, Buldana Road, Near Bus Stand, Malkapur:-443101, Dist.- Buldana [M.S.] INDIA. Mb. No.: - 9923470826, 9923430408.
www.aquadynamic.in		Email: aquadynamic2@gmail.com
<hr/>		
Ref. No. -ads/	An ISO 9001:2008 Certified Co.	Date - 23/02/2024
<p style="text-align: center;"><u>To Whom So Ever It May Concern</u></p>		
<p>This is to certify that, the domestic waste water from Shri Sant Gajanan Maharaj College of Engineering, Shegaon- 444,203 Dist-Buldhana are collected & treated by Sewage Treatment Plant with a capacity of 200 KLD on regular basis since 2017 by Aqua Dynamic Solution. The treated water is being used for drip irrigation in campus and it is also used sprinkles on cricket ground. The said plant is regularly maintain and monitored by college maintenance section.</p>		
<div style="text-align: right;"> Aqua Dynamic Solution  Partner</div>		