

Est: Aug. 1998

2(F) & 12(B): Oct 2010



Shri. Shivaji Shikshan Prasarak, Mandal's
SHIVAJI COLLEGE, HINGOLI

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Affiliated to Swami Ramanand Teerth Marathwada University, Nanded.

E-mail Id- shivaji232.hnl@gmail.com Website-www.shivajicollegehingoli.org

NAAC-Accredited with 'B' Grade Mob- 9156689999



Shri. Vasant Rao Pawar
Secretary

Dr. Gaikwad B. G.
Principal
(M.Com, M. Phil. Ph. D)

"Policy Documents for Environment Audit"

Introduction:

An environmental audit is a comprehensive assessment activity of the college. The purpose of an environmental audit is to evaluate an organization's environmental performance, identify areas for improvement, and ensure compliance with environmental regulations and standards. Environmental audits conducted by internal or external auditors, and may focus on various aspects of the college's activities, such as energy use, waste management, water consumption, and air quality. The findings of an environmental audit help the college to identify areas where they help to reduce their environmental impact, improve their environmental performance, and comply with environmental regulations and standards.

Environmental audits are becoming increasingly important in today's world, where environmental issues such as climate change, pollution, and depletion of natural resources are of growing concern. The college has a responsibility to minimize their environmental impact and contribute to sustainable development, and environmental audits help them to achieve these goals.

An environmental audit is an important tool for organizations to evaluate and improve their environmental performance. By identifying areas for improvement and implementing strategies to reduce their environmental impact, the college contributes for the more sustainable future.

Aims and Objectives of Environment Audit in the College:

The primary aim of an environmental audit in higher education is to evaluate the environmental impact of an institution's activities and facilities, identify areas for

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improvement, and develop strategies to reduce the institution's environmental impact. An environmental audit in higher education is conducted with the following objectives:

a. To Assess the Environmental Impact of the College's Activities and Facilities: The audit evaluates the college's energy use, waste management practices, water consumption, air quality, and other environmental factors.

b. To Identify Areas for Improvement: The audit identifies areas where the college reduces its environmental impact and improve its environmental performance, such as by reducing energy consumption, improving waste management practices, or implementing sustainable transportation options.

c. To Develop Strategies for the Improvement: The audit provides recommendations for strategies to improve the college's environmental performance, such as by implementing renewable energy sources, improving building design and construction, or developing sustainable transportation plans.

d. To Ensure Compliance with Environmental Regulations and Standards: The audit ensures that the college complies with applicable environmental regulations and standards, such as those related to air quality, water quality, and waste management.

e. To Promote Environmental Awareness and Education: The audit raises awareness among students, faculty and staff about the importance of environmental sustainability and the role that the college plays in promoting it. Thus, the college aim of an environmental audit is to promote sustainability and environmental stewardship by evaluating the college's environmental impact, identifying areas for improvement and developing strategies to reduce that impact.

Energy Record of the College


Name of the College:-Shivaji College, Hingoli Tq. Dist. Hingoli

Consumer no. 537510017645

BU- Hingoli Dpc Code- 694

Hingoli @S/DN-454

Sr. No.	Electricity Bill	2018-19	2019-20	2020-21	2021-22	2022-23
1	Units	11438	11057	12988	12587	11653
2	Net bill Amount (Rs)	1,48,490	1,08,060	55,650	Solar Panel	Solar Panel


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Details of Electrical Particulars working in the Campus-

Sr. No.	Name of Particulars	Total No
01	Total No. of Electrical fans	48
02	Air Conditioner	02
03	Total No. of Tubes	05
04	Total No. of LED lamps	04
05	Total No. of LED Tubes Street Light	12
06	Total No. of CFL lamps	46
07	Total No. of Sockets	58
08	Water Motors	02
09	RO Motors	02
10	Water Cooler	02
11	No. of Computer	30
12	Printers	08
13	Xerox Machine	01
14	Inverters LCD TV	01
15	Smart Board	02
16	LCD Projectors	04



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Solar Panal of the College constructed on the Terrace of the College Building



Fornt side of the college

Green Audit Record of the College

Sr. No.	Description of area for particulars	Area occupied for particulars in meters (in Sq. m.)
01	Shivaji College, Tq. Dist. Hingoli Total Campus Area	13200 Sq. M. (1.5 Acres)
02	Built up Area	4184.72 Sq. M.
03	Total Open Space	2787.09 Sq. M.
04	Total Play Ground	2787.09 Sq. M.
05	Total Plantation Covered	6228.19 Sq. M.
	Total Green covered in College campus	6228.19 Sq. M.

The following table gives a clear indication of different types of trees available in the college campus

Common Name	Botanical Name	Family	No. of Plants
Ashok	Polyathia longifolia L.	Annonaceae	14
Pimpal	Ficus religosa L.	Moraceae	02
Amba	Mangifera indica L.	Anacardaceae	01
Sagwan	Tectona grandis L.	Verbenaceae	04
Ritha	Sapindus emarginatus L.	Sapinadaceae	03
Karanji	Pingamia pinnata(L.)pierre	Facaceae	08
Kaduneem	Azadirachta indica L.	Meliaceae	05
Neem tree	Azadirachta indica	Meliaceae	07
Kinhi	Albizia lebbeck	Fabales	02
Gulmohar	Dilonicx regia	fabaceae	02
Badam	Prunus amygdalus	Rosaceae	01
Nilgiri	Eucalyptus	Myrtaceae	05
Shitafal	Custard apple	Annonaceae	04
Saptaparni	Alstonia Scholaris	Apocynaceae	06
Palm	Areca Palm	Dypsis Lutescens	10
Deodar	Pinus Armandii	Pinaceae	02
Weeping fig	Ficus benjamina	Moraceae	04
Tembusu	Cyrtophyllum fragrans	jentiaceae	01
Guava (peru)	Pear	Rosaceae	01

Total No. of Trees, Shrubs, Ornamental Plants in Campus:

Sr. No	Type	Total Number
01	Trees	51
02	Shrubs	10
03	Ornamental plant	22
	Total	83

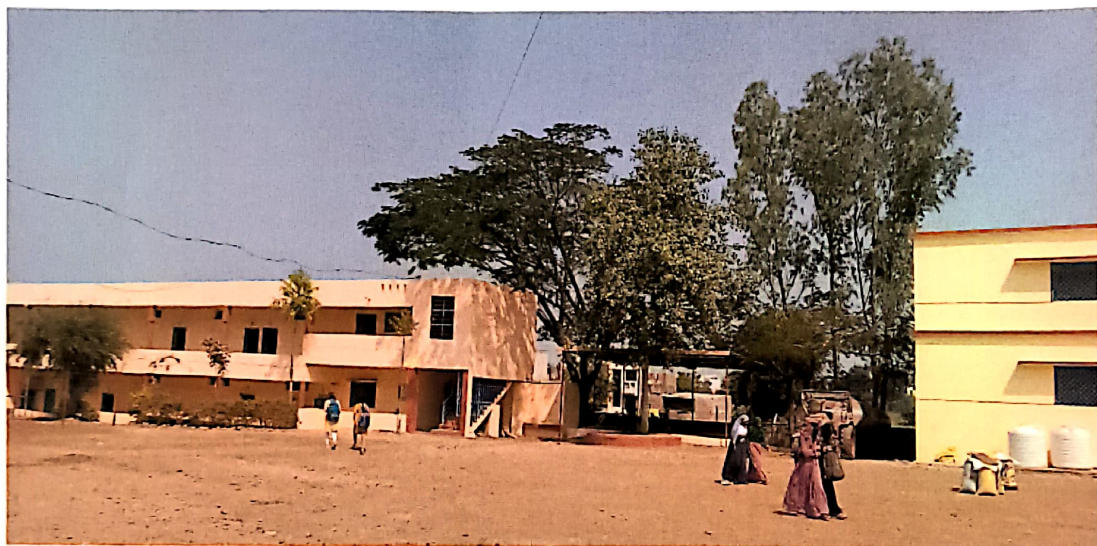


The beautiful college campus at the entry side of the College


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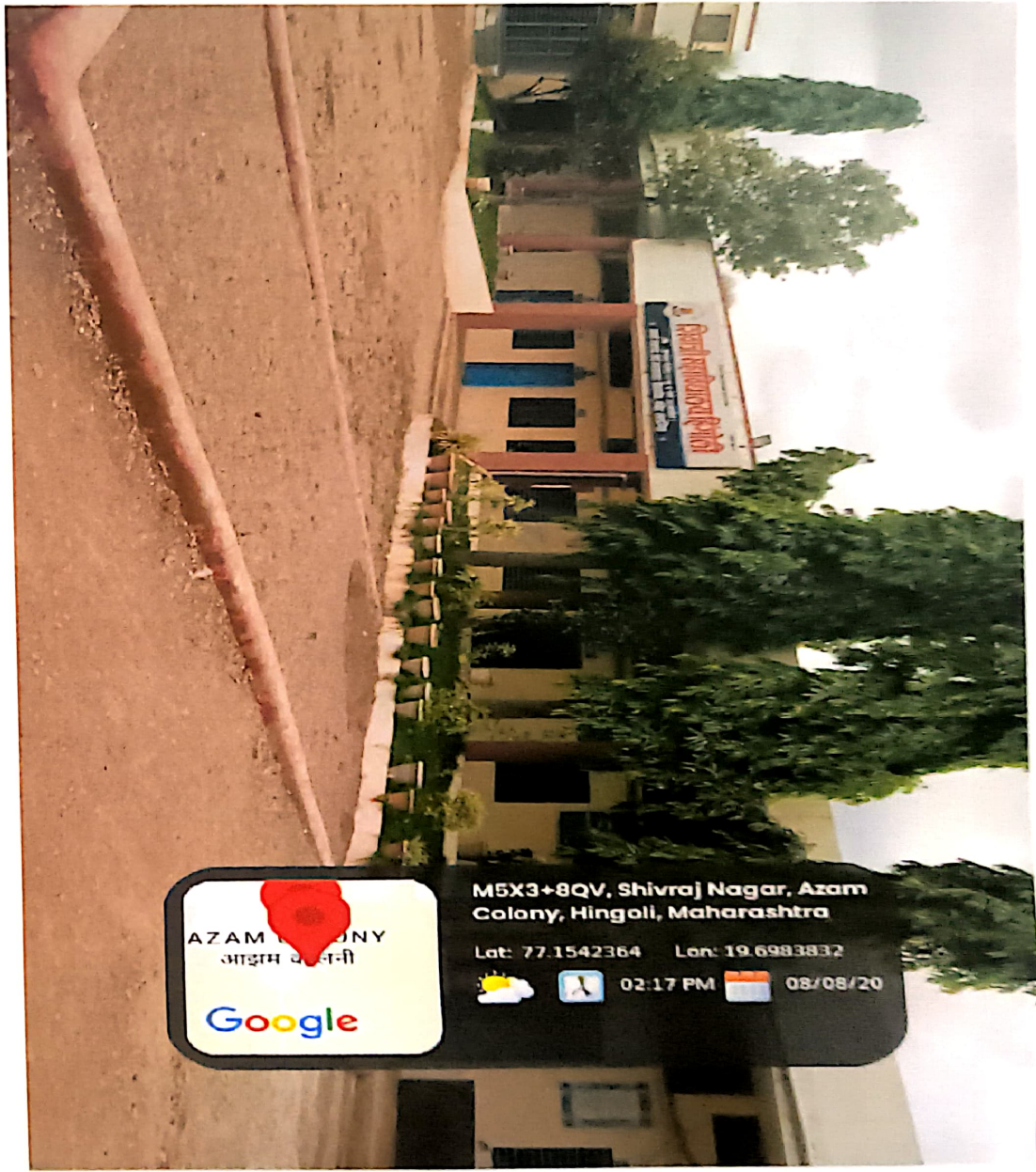
The Greenery in the College





The Green Vision of the College

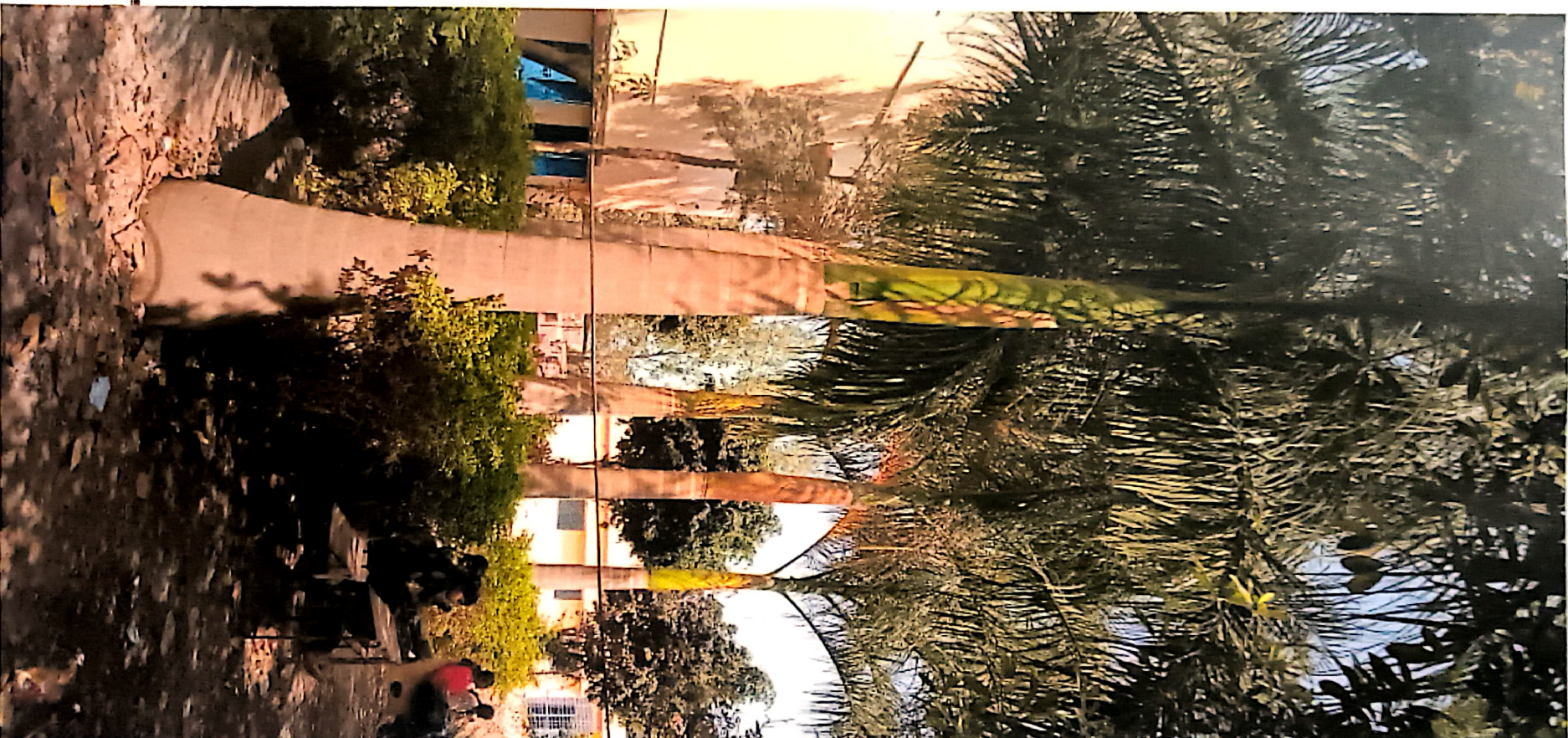




The Decorative Plants which enhance the Beauty of the
College

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Scenery of
College
Garden

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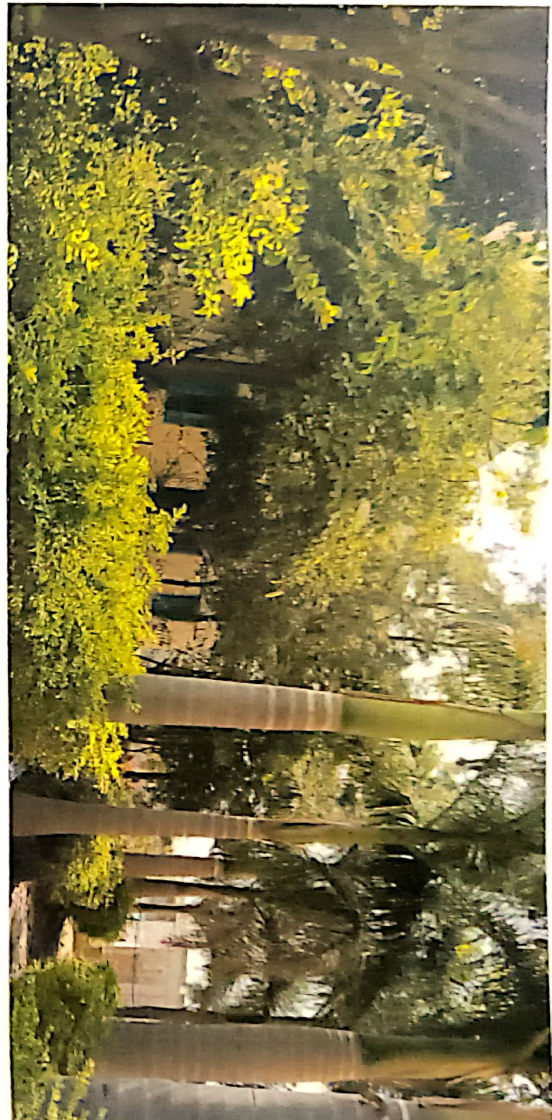
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The Green Scenery of college Garden

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Birds take shelter in their nests according to the seasons



The Green Shadow of the College Ground



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Year wise Water Expenses:


Year	Water Expenses in Rs.
2018-2019	5112
2019-2020	4349
2020-2021	00
2021-2022	6379
2022-2023	5486








Availability of Clean and Cold Drinking Water in the College Premises




 AZAM COLONY
आझम कॉलनी

M5X3+8QV, Shivraj Nagar, Azam Colony, Hingoli, Maharashtra

Lat: 77.1542591 Lon: 19.6983422

  03:51 PM  08/08/20




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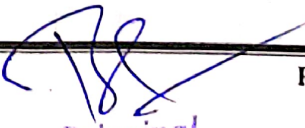


Conclusion:

An environmental audit is a comprehensive review and assessment of college's environmental performance, including its policies, procedures, and practices. The audit is conducted to identify areas where the organization can improve its environmental impact and comply with regulations.

An environmental audit depends on the scope and depth of the audit, as well as the specific objectives of the audit. However, some common conclusions includes identifying areas of non-compliance with environmental regulations, pinpointing sources of environmental risk or impact and highlighting opportunities for cost savings or operational efficiencies.

Thus, an environmental audit is a comprehensive report that includes specific recommendations for improvement in areas such as waste reduction, pollution prevention, and energy efficiency. By implementing these recommendations, the college demonstrates its commitment to sustainability and reduces their environmental footprint while improving the bottom line.


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CERTIFICATE OF ENVIRONMENT AUDIT

NMS/ECO/AUDIT/INCUBCEN/2018/07

THIS IS TO CERTIFY THAT

**SHRI. SHIVAJI SHIKSHAN PRASARAK MANDAL'S
SHIVAJI COLLEGE, HINGOLI**

HAS SUCCESSFULLY UNDERGONE 'ENVIRONMENT AUDIT' ON 10TH DECEMBER, 2018 TO
ASSESS THE ECO-FRIENDLY INITIATIVES PLANNING CARRIED OUT THE CAMPUS TO MAINTAIN A
SUSTAINABLE ENVIRONMENT TO THE STAKEHOLDERS WAS FOUND TO BE EXCELLENT.
THIS CERTIFICATE IS VALID TILL 10TH DECEMBER, 2019

DR. P. R. KANTHALE

HOD
BOTANY AND MICROBIOLOGY DEPARTMENT

[Signature]
Principal

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Tq. Dist. Hingoli (MS)

[Signature]
N.S. PADMAVAT

DR. N.S. PADMAVAT

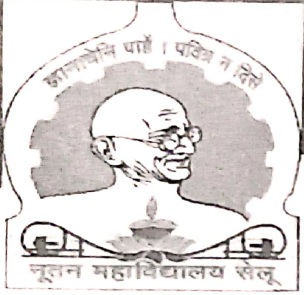
COORDINATOR
INCUBATION CELL

[Signature]
DR. S.S. KULKARNI

DR. S.S. KULKARNI

PRINCIPAL





CERTIFICATE OF ENVIRONMENT AUDIT

NMS/ECOAUDIT/INCUBCEN/2019/07

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P.R. Kanthale
DR. P.R. KANTHALE

HOD
BOTANY AND MICROBIOLOGY DEPARTMENT

N.S. Padmavat
DR. N.S. PADMAVAT

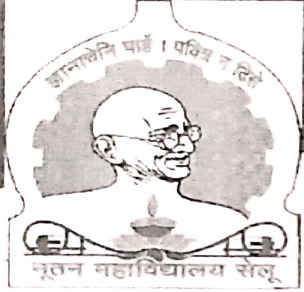
COORDINATOR
INCUBATION CELL

S.S. Kulkarni
DR. S.S. KULKARNI

PRINCIPAL

T.S.
Principal
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NMS/ECOAUDIT/INCUBCEN/2020/06

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DR. P.R. KANTHALE


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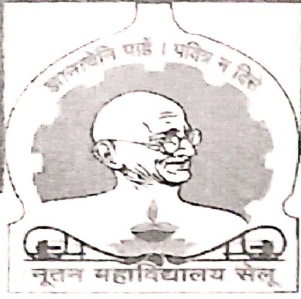
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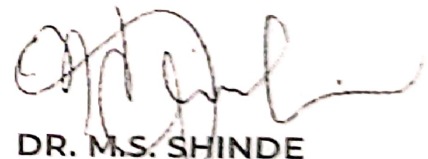
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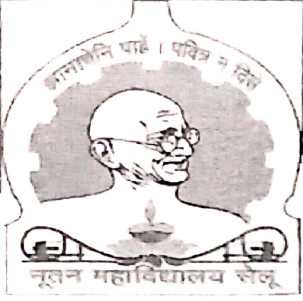
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