



Shirdi Sai Rural Institute's
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

"NAAC REACCREDITED "B++" GRADE COLLEGE"

A/P/Tal-Rahata,

Dist.-Ahmednagar. (M.S.) 423107

Affiliated to Savitribai Phule Pune University, Pune

www.ascrahata.org



SELF STUDY REPORT-CYCLE 3
2018-2023

Criterion: VII
Institutional Values and Best Practices

Key Indicator: 7.1
Institutional Values and Social Responsibilities

Metric: 7.1.2 (Q_nM)

The institution has facilities and initiatives for

1. Alternative sources of energy and energy conservation measures.
2. Management of the various types of degradable and non-degradable waste.
3. Water conservation.
4. Green campus Initiatives
5. Disabled-friendly ,barrier free environment.

Submitted to
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
BENGALURU



Shirdi Sai Rural Institutes,
Arts, Science and Commerce College, Rahata

Tal- Rahata, Dist-Ahmednagar, Pin - 423107 (MS)
(University of Pune Affiliated ID No. PU/AN/ASC/052/1997)
NAAC RE-ACCREDITED "B++" GRADE COLLEGE



Ref. : ASCCR /

Date

DECLARATION

We the undersigned, hereby declare that all information, reports, true copies of the supporting documents, and numerical data submitted by our institution for the purpose of NAAC accreditation have been thoroughly verified by the Internal Quality Assurance Cell (IQAC). We affirm that these submissions are accurate and correct as per our records.

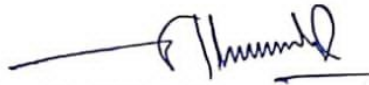
This declaration pertains specifically to the accreditation process for the third cycle of the institution, covering the period from 2018-19 to 2022-23.

Thank you.

Sincerely,


Dr. Vikram P. Bhalekar
Coordinator
Internal Quality Assurance Cell
Arts, Science and Commerce College, Rahata




Prof. (Dr.) Somnath S. Gholap
Principal
Arts, Science and Commerce College
Rahata, Tal-Rahata, Dist-Ahmednagar

Date-30/07/2024

Place- Rahata

Shirdi Sai Rural Institute's
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA
A/P/Tal-Rahata, Dist.-Ahmednagar. (M.S.) 423107

INDEX

(Geo-tagged Photographs and videos of the facilities)

1	Alternate sources of energy & energy conservation measures.....	4
1.1	Geo-tagged Photograph of Rooftop Solar System installed on the College Building	4
1.2	Geo-tagged Photograph of Refrigerator and Deep Freezer System in the Chemistry Department.	4
1.3	Photo: Geo-tagged photographs of using LED bulbs/ AC/ LED Monitors /power-efficient equipment	5
1.4	Geo-tagged photographs of motion sensor-based LED tubes for energy conservation.....	7
	Photo: digital Nephelo Turbidity Meter.....	7
	Geo-tagged Photographs of the Auto ON/OFF system for the drinking water plant	8
2	Management of the various types of degradable and non-degradable waste:.....	9
	Geo-tagged photographs for solid waste management facilities	9
	Geo-tagged photographs of liquid waste management	12
	Geo-tagged photographs of e-waste management	13
3	Water conservation facilities:	14
	Geo-tagged photographs of rainwater harvesting and open/bore well recharge.....	14
	College-managed farm pond.....	15
	Geo-tagged photographs of the main water tank	16
	Geo-tagged photographs of maintenance of water bodies and distribution.....	16
	Geo-tagged photographs of drip irrigation on the college campus	17
	Geo-tagged photographs of Soil Water Analysis Kit in the Chemistry department.....	18
4	Green Campus Initiatives:	19
	Geo-tagged photographs of restricted entry of automobiles:.....	19
	Geo-tagged photographs of the use of bicycles	20
	E-vehicles / battery-powered vehicles	21
	Geo-tagged photographs of the plastic ban and 'No Smoking' zone boards.....	22
	Tree plantation initiatives	23
	Geo-tagged photographs of landscaping.....	34

5	Disabled-friendly, barrier-free environment	39
	Geotag photographs of ramp and rail.....	39
	Geotag photographs of wheelchairs	40
	Geotag photographs of Waker	41
	Geotag photographs of signage boards	42
	Geotag photographs of toilets	43
	Geotag Photographs of assistance for Divyangjan students during exams.....	43

1 Alternate sources of energy & energy conservation measures

The college has installed a 4 kW Solar rooftop system on the college building. The College also promotes the use of solar energy on the campus and in society through extension activities.

The institute promotes minimal use of energy for a sustainable environment.

1.1 Geo-tagged Photograph of Rooftop Solar System installed on the College Building

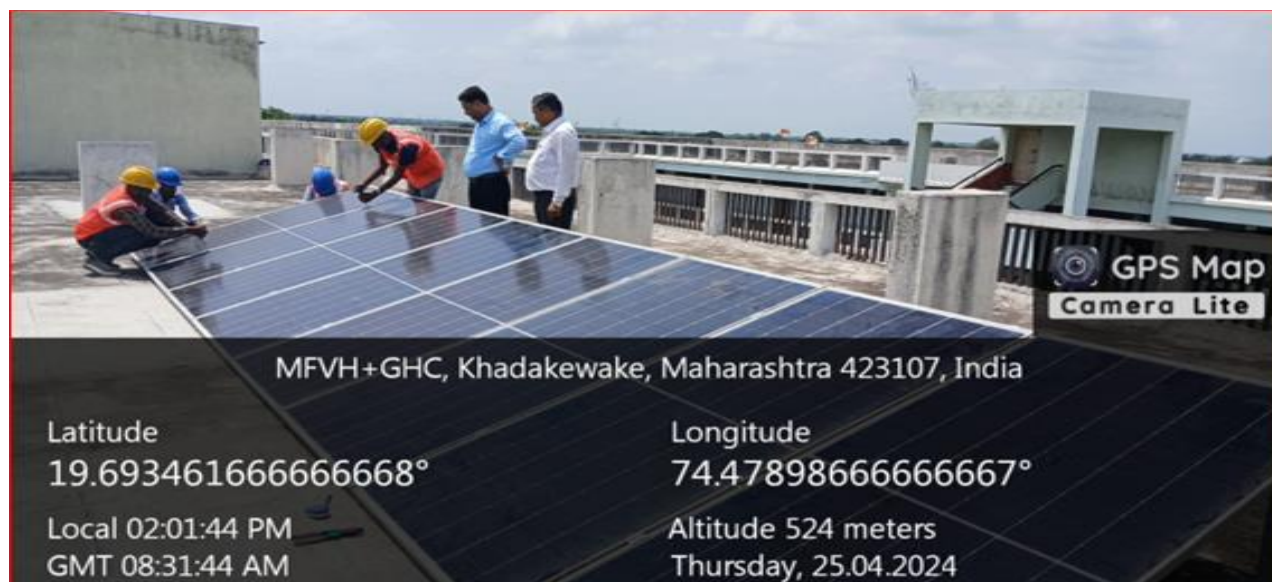


Photo: Installation of rooftop PV solar system in college, 25/04/2024

1.2 Geo-tagged Photograph of Refrigerator and Deep Freezer System in the Chemistry Department.

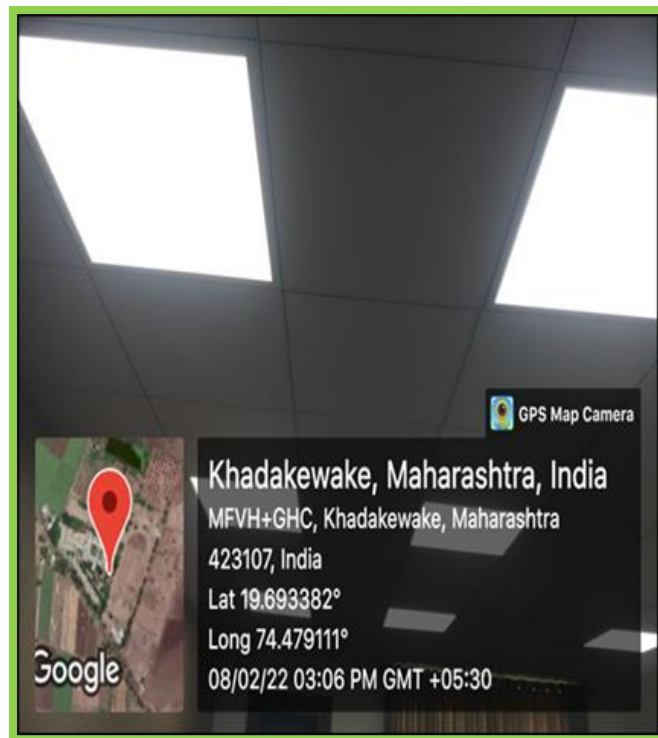


Phot: Refrigerator and Deep Freezer System in the Chemistry Department.

1.3 Photo: Geo-tagged photographs of using LED bulbs/ AC/ LED Monitors /power-efficient equipment



Outdoor LED Bulb in College Campus



Power Efficient Bulb installed in college campus

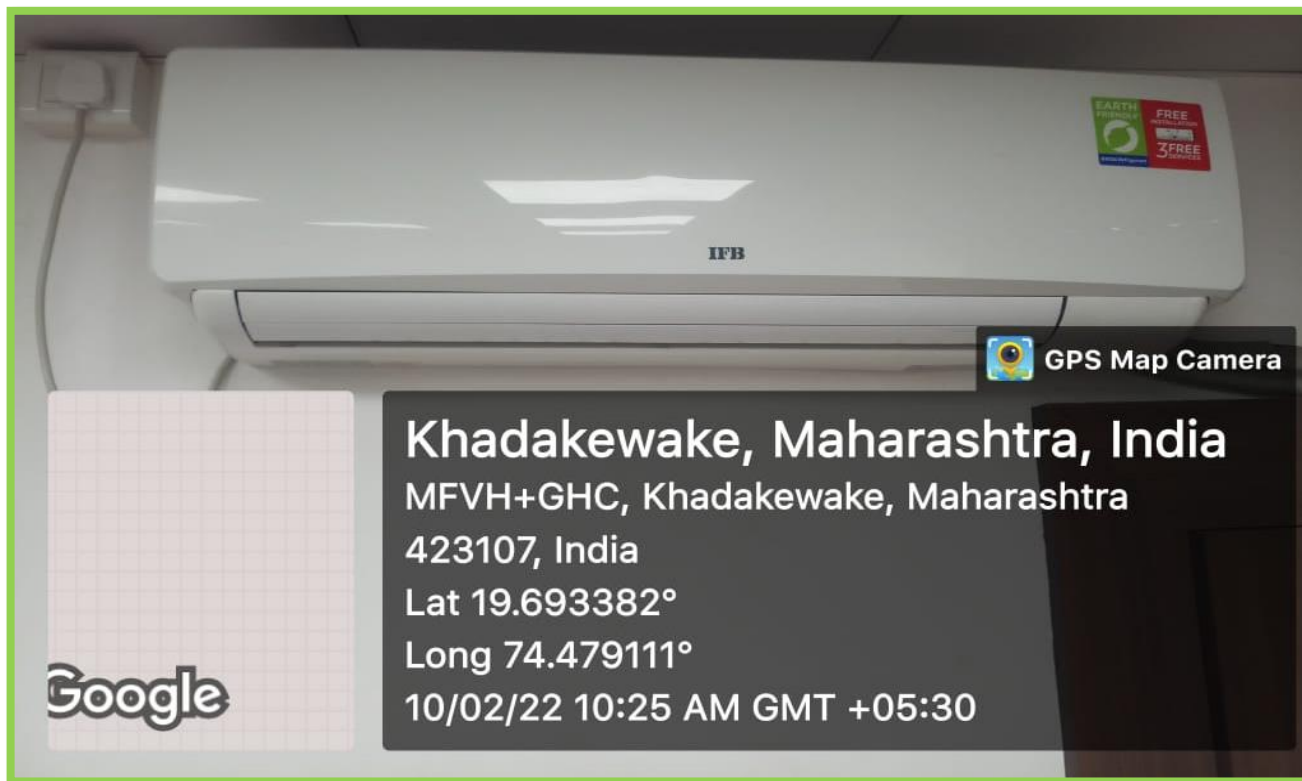


Photo: Power efficient equipment (3-star rated AC) positioned in Board Room

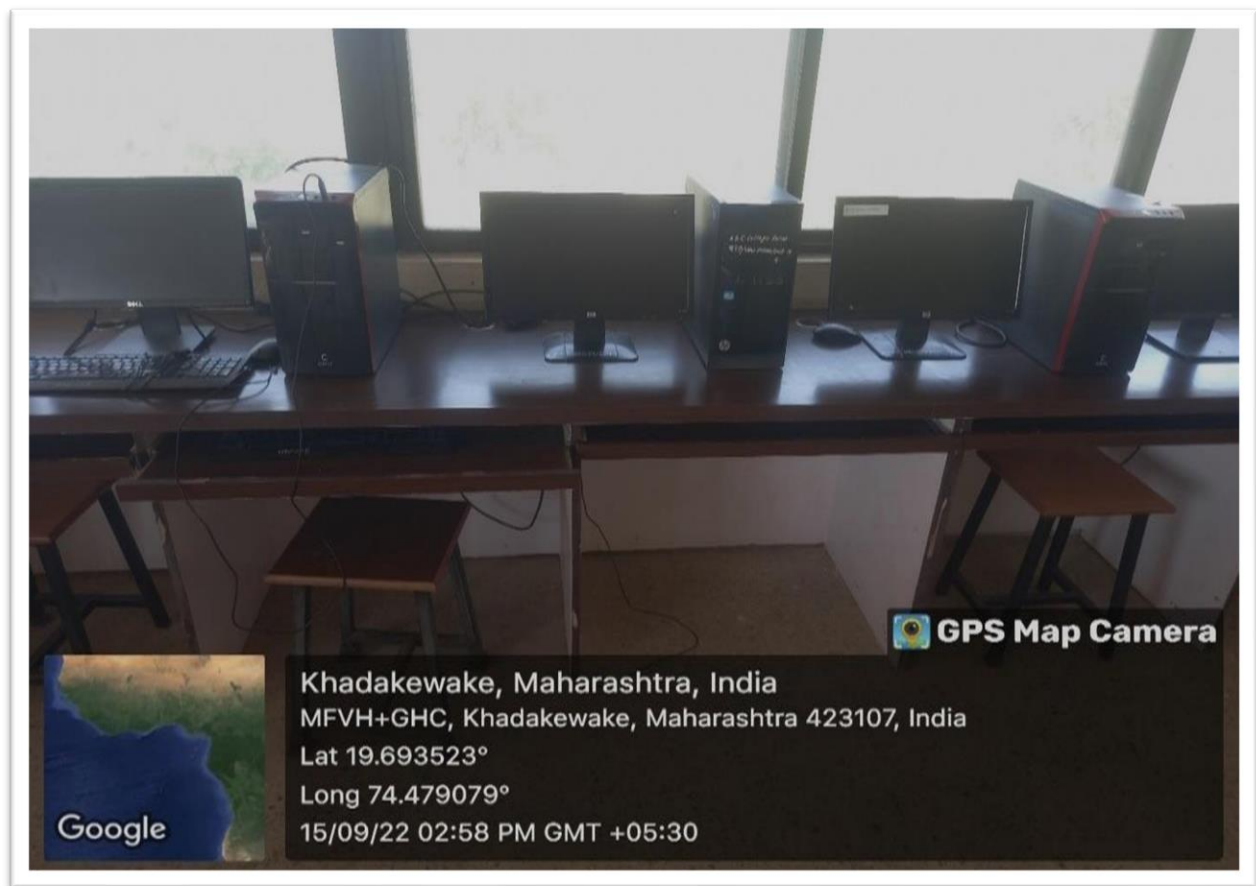



Photo: Use of LED Monitors in College Computer Lab and for all PCs


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1.4 Geo-tagged photographs of motion sensor-based LED tubes for energy conservation

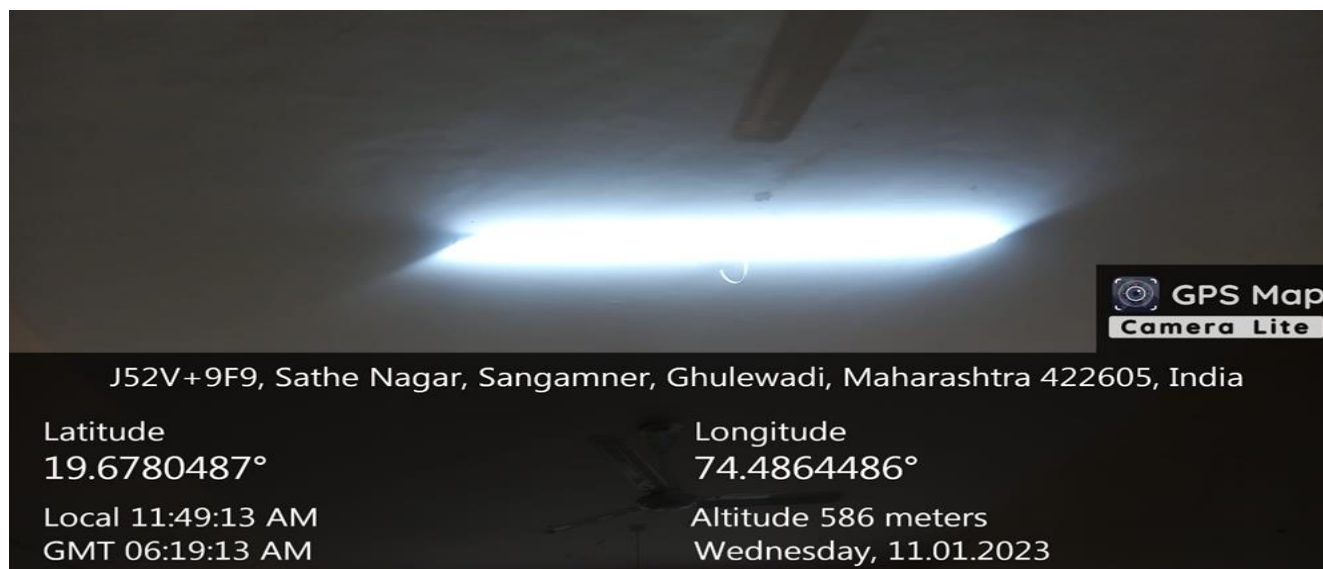


Photo: Motion Sensor LED Tubes

1.5 Geo-tagged photographs of digital Nephelo Turbidity Meter



Photo: digital Nephelo Turbidity Meter


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Geo-tagged Photographs of the Auto ON/OFF system for the drinking water plant



Photo 1: Sensor based Automatic Water Level Controller

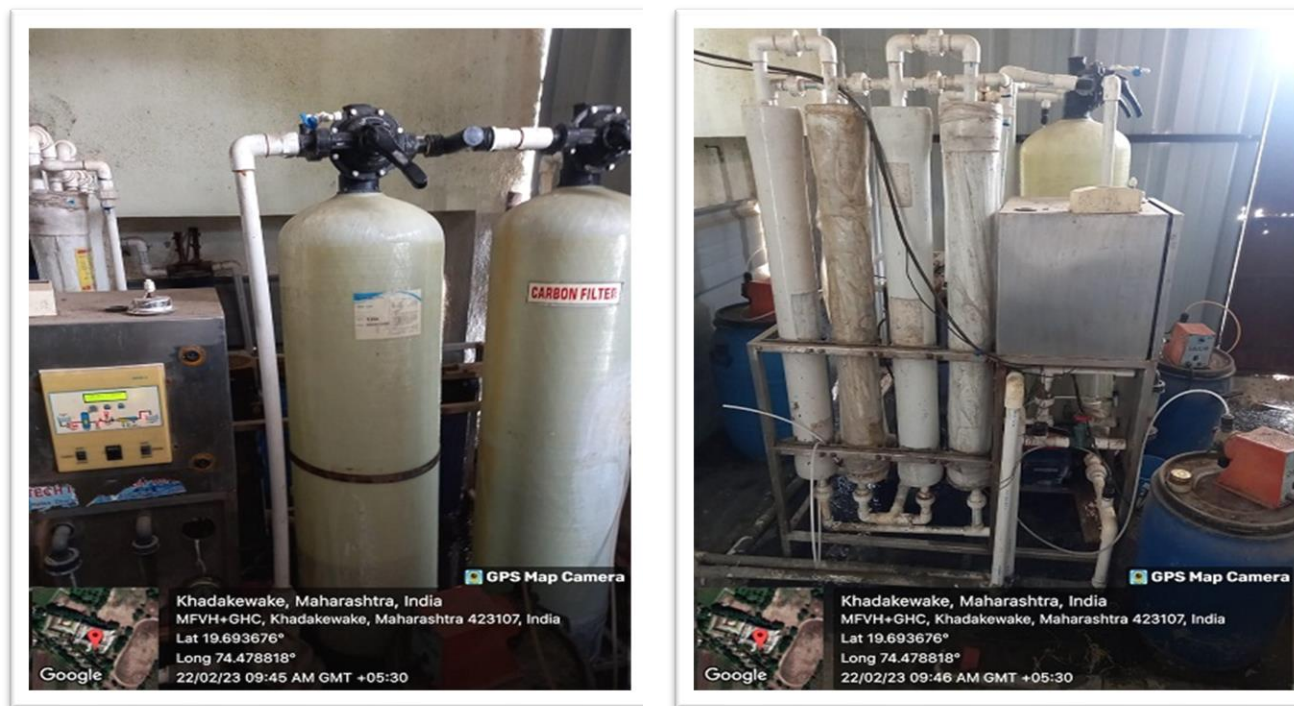


Photo 2 : Sensor based Water Purification System in our College Campus

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2 Management of the various types of degradable and non-degradable waste:

Solid waste management:

Geo-tagged photographs for solid waste management facilities



Photographs: Four Dust Bins used for Solid Waste Management (1) Green dustbin for Wet and Biodegradable waste and (2) Blue dustbin for collection of paper and Non-Biodegradable waste



Photo: Solid waste collection at the college campus was done using the waste management vehicle of Pimplas Grampanchayat.



Photo: Solid waste collection at the college campus was done using the waste management vehicle of Pimplas Grampanchayat.

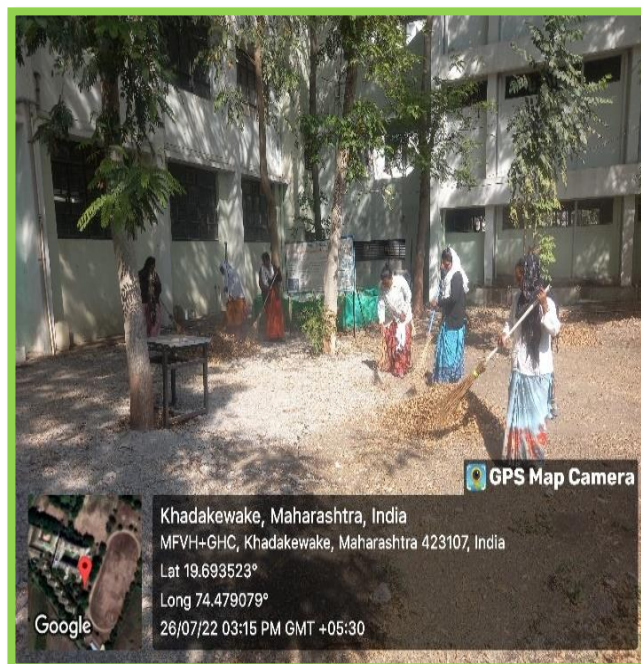


Photo 1: Collection and Use of Biodegradable Solid Waste for Vermicomposting

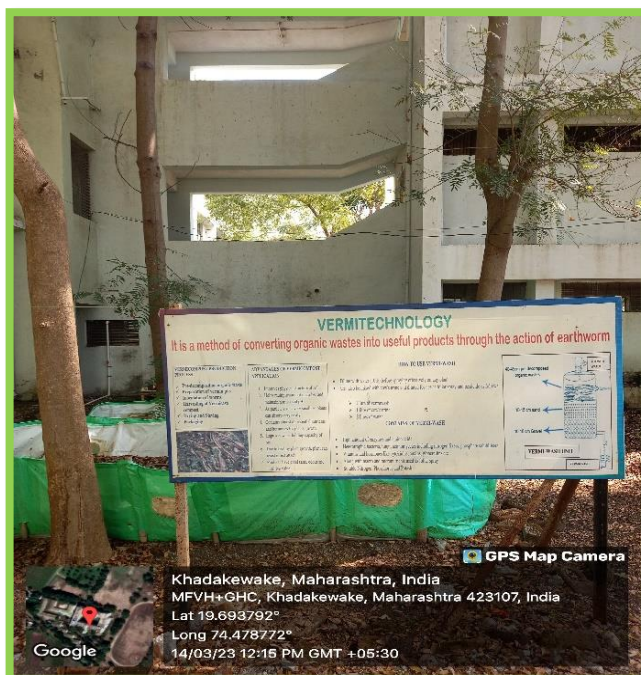


Photo 2: Vermicomposting Unit

Photo 3: Information given to students about Vermicomposting

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Geo-tagged photographs of liquid waste management




Photo 1: Liquid Waste Management in College Campus. Date:07/03/2023



Photo 2: Stores tank for collection of liquid waste dated 24/03/2023.


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Geo-tagged photographs of e-waste management

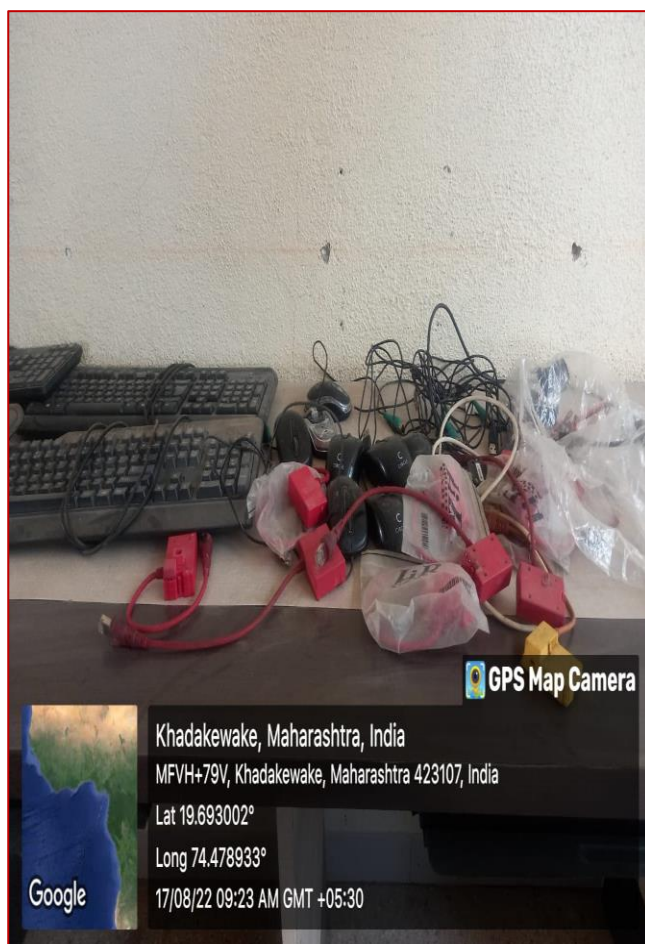


Photo: Collection of E-Waste for efficient management


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3 Water conservation facilities:

Geo-tagged photographs of rainwater harvesting and open/bore well recharge



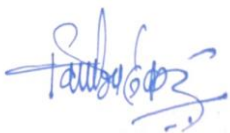
Collection of Rainwater. Date: 16/08/2022

Collected Rain Water used for groundwater recharge. Date: 25/08/2021



Bore well in the college campus.
Date: 08/06/2022

Open well recharge. Date: 10/04/2023


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College-managed farm pond

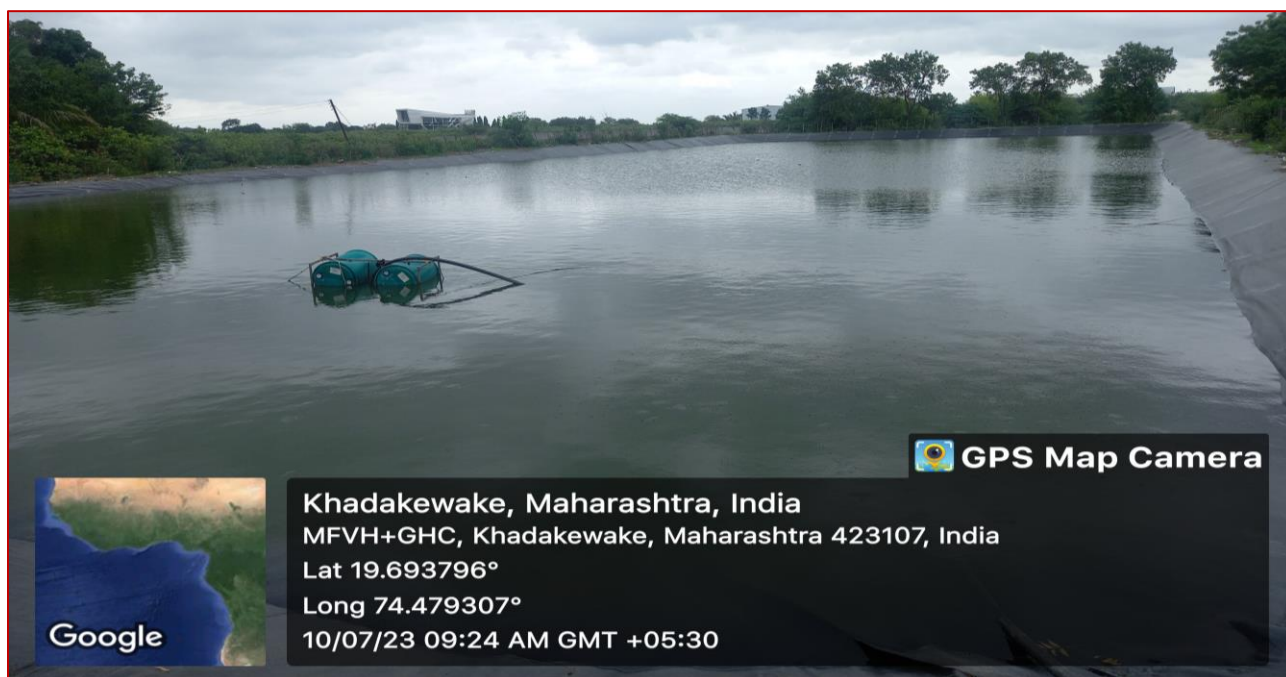
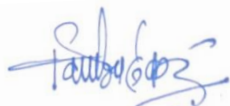


Photo: College-Managed Farm Pond: Maintenance and Utilization
{(107 x 35.33 x 4.9m =18524 Cubic meter Capacity)
18524 cum x 1000 Litt.=1,85,24,000 Litt.Capacity}



Photo: College-Managed Farm Pond with signage board


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Geo-tagged photographs of the main water tank



Photo: Main Water Tank on the College Campus
Geo-tagged photographs of maintenance of water bodies and distribution



Photo: Water tank for water Distribution system on the campus


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Geo-tagged photographs of drip irrigation on the college campus



Photo: Drip Irrigation system for plants on the College Campus




Photo: Drip Irrigation system for plants on the College Campus.

Geo-tagged photographs of Soil Water Analysis Kit in the Chemistry department.



Photo: Soil Water Analysis Kit System in the Chemistry Department.


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4 Green Campus Initiatives:

Geo-tagged photographs of restricted entry of automobiles:



Photo: Restricted entry of two-wheelers and four-wheelers



Photo: Restricted entry of vehicles in the college campus and Parking facility near the main gate

Geo-tagged photographs of the use of bicycles



Photo: Use of Bicycles by college students.



Photo: Bicycle Parking Stand for male students.



**Photo: Bicycle Parking Stand for female students.
 E-vehicles / battery-powered vehicles**

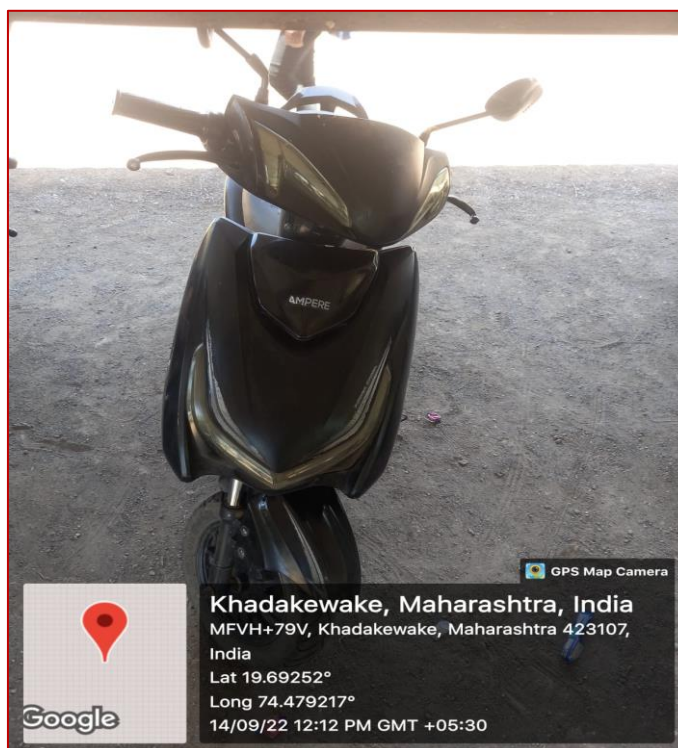



Photo: E-Vehicles / Battery powered vehicles


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Geo-tagged photographs of the plastic ban and 'No Smoking' zone boards



Photo: Plastic Ban / No plastic zone boards are displayed at the entrance to promote the limited use of plastic in College Campus



Photo: Nonsmoking boards are displayed in College Campus


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Tree plantation initiatives

NSS organized the Tree plantation program for environmental awareness at the college.
Students plant the tree with faculty (Date- 07/07/2018)



Khdakewake, Maharashtra, India
MFVH+GHC, Khdakewake,
Lat 19.664611
Long 74.460072
07/07/2018 10:51 AM GMT+05:30

NSS organized the Tree plantation program for environmental awareness at the college.
Faculty doing tree plantation (Date- 01/07/2019 to 7/7/2019)



NSS organized the Tree plantation program for environmental awareness at the college.
Ladies Staff doing tree plantation (Date- 04/07/2019)



Dr. D. N. Dange (NSS PO), Physical Director Prof. Sayyad Sir & NSS volunteers planting trees at college campus on 05 July, 2020.



Principal and Ladies staffs of our college planting the trees in college at 05 July, 2020.



Principal S. V. Lahare, Dr. Pawade, Prof. C. M. Bansode, NSS PO Dr. D. N. Dange and other staff planting trees at college on 07 July, 2020.



Principal S. V. Lahare, Dr Pawade planting a trees at the college on 07 July, 2020



Tree Plantation Program at College on 07 July, 2020. Non-teaching staff planting trees.



NSS volunteers plant the trees at their home under the program of Mazi Vasundhara.



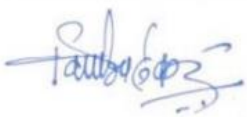
TREE PLANTATION 11/08/2022



Photo: NSS Student spade work for tree plantation, 11/08/2022



Photo: NSS student planting the trees in college campus, 11/08/2022


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“Distribution of Medicinal plant saplings”

Photographs



Distribution of medicinal plants among the farmers of Khadakewake Village



Distribution of medicinal plants among the farmers of Khadakewake Village



Distribution of medicinal plants



Staff and students engaged in an awareness program on medicinal plants

Tree Plantation at Khadakewake 17 April 2023



Photo: Students planting Tree at Khadakewake, 17 April 2023




Photo: Inaugral function of Tree Plantation at Khadakewake, 17April 2023



Photo: Villagers planting Tree at Khadakewake, 17 April 2023



Photo: Villagers planting Tree at Khadakewake, 17 April 2023


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Tree Plantation: College Campus Road on 06th September 2019



Photo: Tree Plantation on a college campus near Canol, 06th September 2019



Photo: Tree Plantation on a college campus near Canol, 06th September 2019

Tree Plantation: College Campus Road on 06th September 2019



Photo: Tree Plantation on a college campus near Canol, 06th September 2019



Photo: Tree Plantation on a college campus near Canol, 06th September 2019

Geo-tagged photographs of landscaping



Photo: College Building surrounded with Landscaping of trees and plants



Photos: Environment-friendly College Campus Landscaping with trees and plants



Photo: Environment-friendly College Campus Landscaping with trees and plants



Photos: Environment-friendly College Campus Landscaping with trees and plants

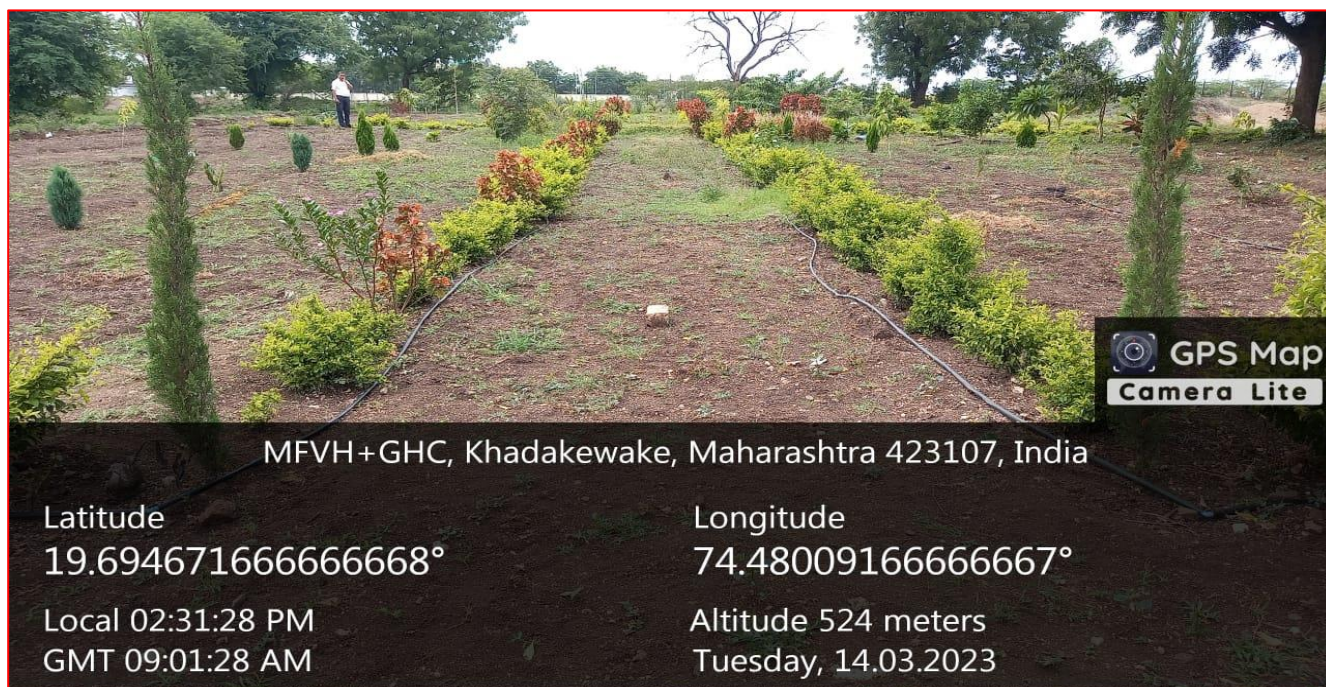


Photo: Photo: Botanical Garden in College Campus



Photo: Botanical Garden in College Campus

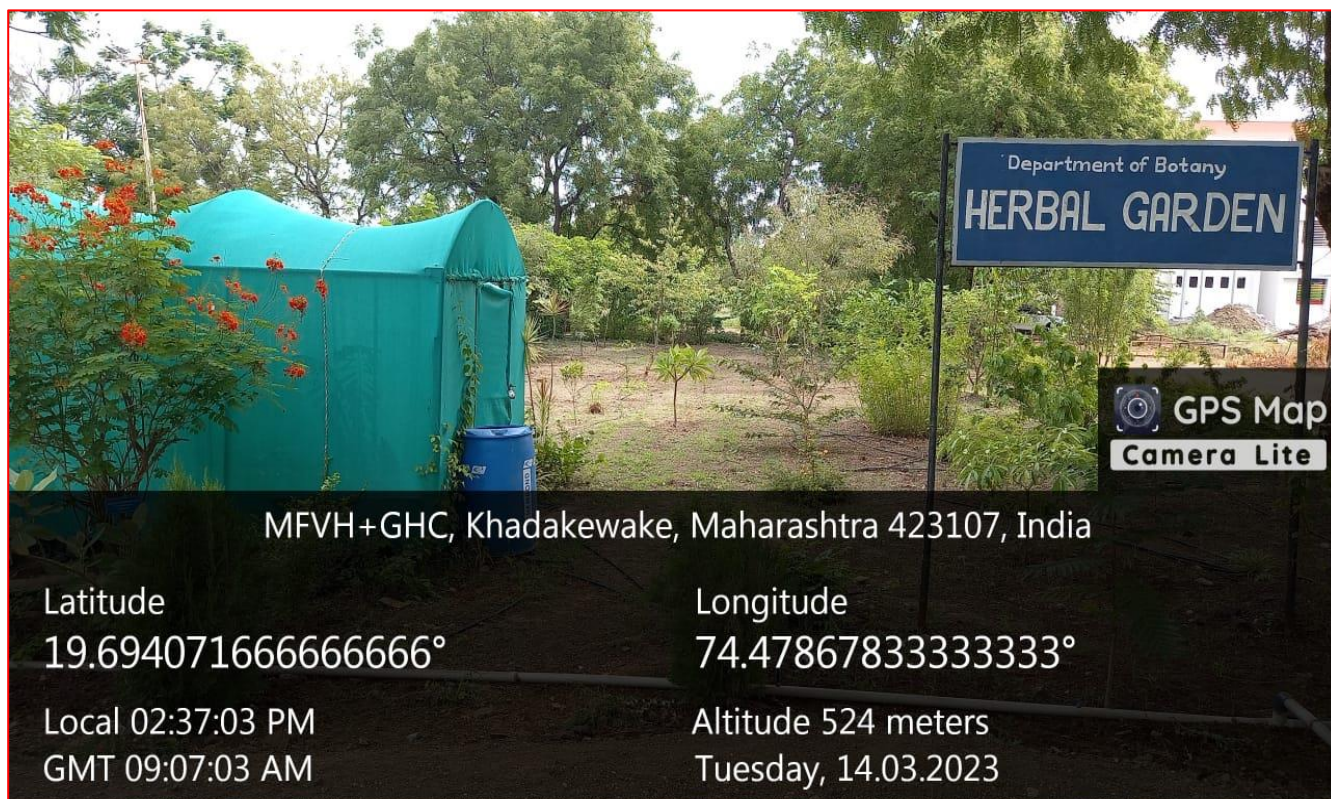


Photo: Herbal Garden Promotion of medicinal plants

Medicinal Plants propagation in college campus by Students



Photographs: Medicinal Plant Propagation in College Campus by Students

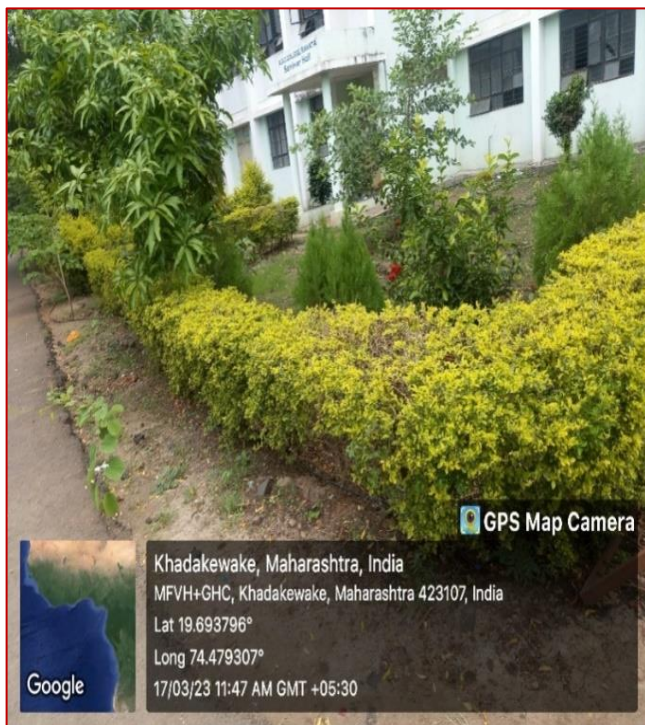
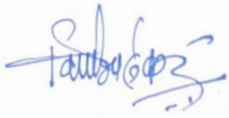



Photo: Environment-friendly College Campus Landscaping with trees and plants


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5 Disabled-friendly, barrier-free environment

Geotag photographs of ramp and rail



Photo: Ramp and rail installed for Divyangjan access at the college building entrance, 25/08/2022



Photo: Ramp and rail for Divyangjan at the back entrance of the college building, 25/01/2021.

Geotag photographs of wheelchairs



Photo: Divyangjan student Mr. Bagade Harshal, pursuing his FYBCom, uses a wheelchair with the help of his friends.



Photo: Divyangjan student Ms. Gouri Mohite, pursuing her SYBA in Politics, uses a wheelchair to navigate her college campus, exemplifying her resilience and commitment to her studies.



Photo: Divyangjan student Mr. Aadesh Ramesh Kalokhe, pursuing his FYBA, uses a wheelchair to reach the classroom, exemplifying her resilience and commitment to her studies.



Geotag photographs of Waker



Photo: "Mr. Harshal Harshal, a F.Y.B.Com. student for the academic year 2023-24, uses an access walker and adapted toilet facility.



Photo: Accessible walker for Divyangjan students, ensuring ease and independence in navigating campus and toilet facility

Geotag photographs of signage boards



Photo: Signage board indicating Divyangjan-friendly toilet and wheelchair ramp facilities



Photo: Accessible walker for Divyangjan students, ensuring ease and independence in navigating campus and toilet facility

Geotag photographs of toilets

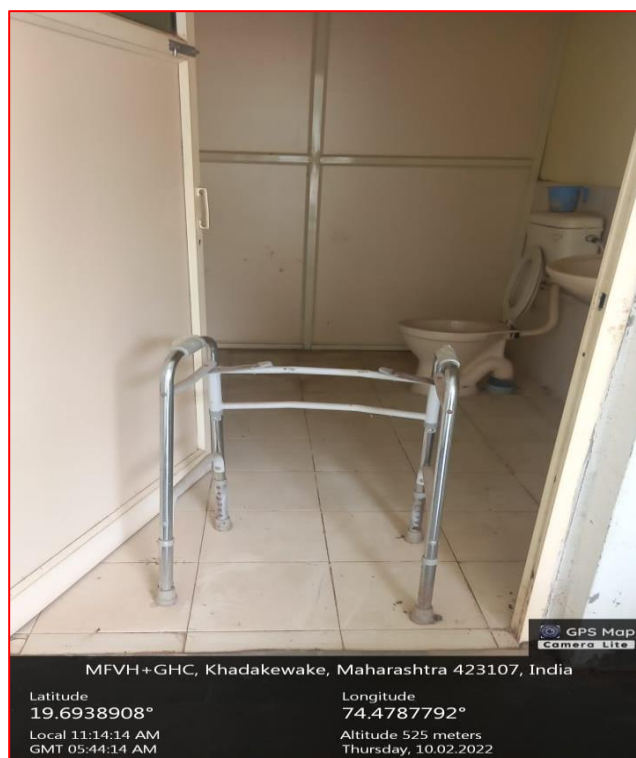


Photo: Inclusive toilet facilities ensuring ease of access for Divyangjan users.

Geotag Photographs of assistance for Divyangjan students during exams

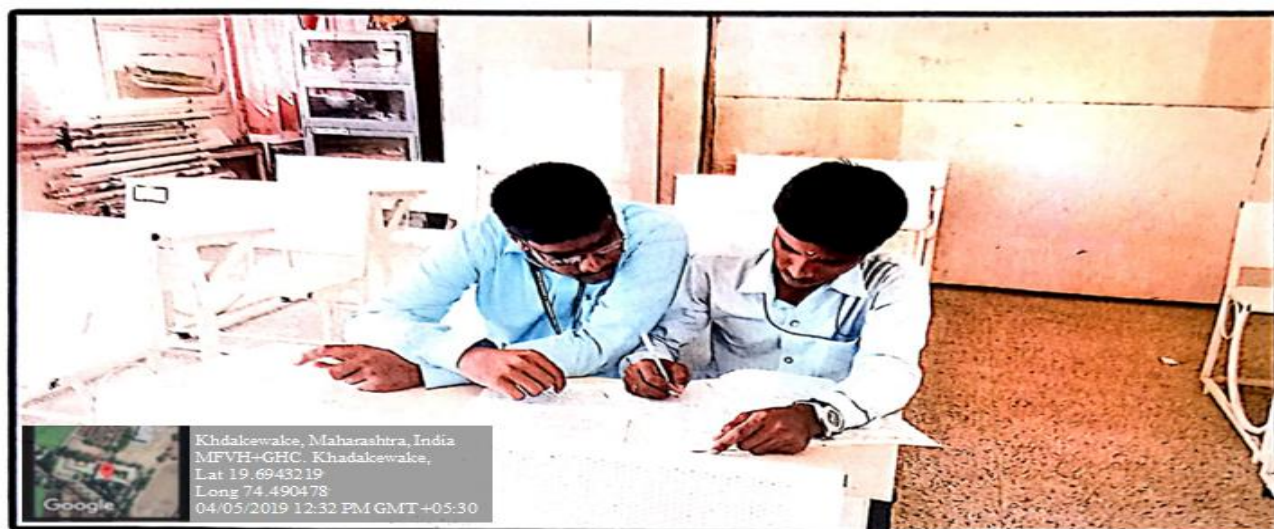


Photo: Assistive writer by Nikhil Bothe during examinations for Divyangjan student Mr. Gadekar Aniket Machhindra of TYBA Class.

Nikhil Bothe
IQAC, Co-ordinator
ASC College, Rahata



Machhindra
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