



Shri Shivaji Education Society, Amravati's

Jijamata Mahavidyalaya, Buldhana

Chikhali Road, Buldhana - 443 001

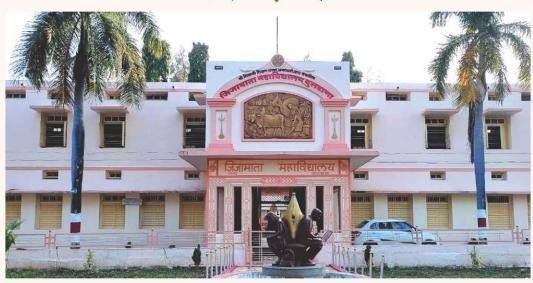
NAAC Reaccredited with 'B' Grade - CGPA 2.88 (2013-18)

Affiliated to

Sant Gadge Baba Amravati University, Amravati

Website: www.jmvbuldhana.ac.in





SELF STUDY REPORT

FOR
NAAC REACCREDITATION 'CYCLE 3'





Shri Shivaji Education Society, Amravati's

Jijamata Mahavidyalaya, Buldhana

SELF STUDY REPORT

CRITERION - VII

Institutional Values and Best Practices

7.1 Institutional Values & Social Responsibilities

7.1.2 QnM

Environmental Consciousness and Sustainability and Divyangjan friendly initiatives

The Institution has facilities and initiatives for

- 1. Alternate sources of energy & energy conservation
- 2. Management of degradable & non-degradable waste
- 3. Water conservation
- 4. Green campus initiatives
- 5. Disabled-friendly, barrier free environment

INDEX

| Sr. No. | Facilities and Initiatives | Page No. | |
|---------|---|-------------|--|
| 00 | Self-Declaration | | |
| 1 | Alternate sources of energy and energy conservation measures | | |
| | 1. Solar Energy: 20 KW Solar System | 5 | |
| | 2. Use of LED bulbs/ power efficient equipments | 7 | |
| | 3. Display boards for power conservation | 9 | |
| 2 | Management of the various types of Degradable and Non-degradable Waste | | |
| | 1. Solid Waste Management | 10 | |
| | 2. Liquid Waste Management | 12 | |
| | 3. E-waste Management | 12 | |
| | 4. Biomedical Waste Management | 19 | |
| | 5. Waste Recycling System | 20 | |
| 3 | Water Conservation | 20-28 | |
| | 1. Rain Water Harvesting | 20 | |
| | 2. Open well recharge through Pond | 21 | |
| | 3. Waste Water Recycling | 23 | |
| | 4. Maintenance of water bodies and distribution system in the campus | 24 | |
| | 5. Drip Irrigation System | 28 | |
| 4 | Green Campus Initiatives | | |
| | Green Campus & Environment Policy | 29 | |
| | Certificate of Quality Audit on Environment and Energy | 30 | |
| | 1. Green Audit | 34 | |
| | 2. Environment Audit | 38 | |
| | 3. Energy Audit | 42 | |
| | 1. Restricted entry of automobiles | 42 | |
| | 2. Use of bicycles/ Battery-powered vehicles3. Pedestrian-friendly pathways | 42 | |
| | 4. Ban on use of Plastic | 43 | |
| | 5. Landscaping | 45 | |
| | e | 47 | |
| 5 | Disabled-friendly, barrier free environment | 52-66 | |
| | Policy Document for Disabled-friendly Barrier free Environment | 52 | |
| | Ramps for easy access to classrooms | 53 | |
| | 2. Wheel Chair | 55 | |
| | 3. Disabled-friendly washrooms | 56 | |
| | 4. Signage including display boards and signposts5. Assistive technology and facilities for persons with disabilities (Divyangjan) | 57 | |
| | accessible website, screen-reading software, Mechanized equipment | 58 | |
| | 6. Provision for enquiry and Information: Human Assistance, reader, scribe, soft | | |
| | copies of reading material. | 62 | |



Shri Shivaji Education Society, Amravati's

JIJAHATA MAHAVIDYALAYA, BULDHANA

CHIKHLI ROAD, SULDHARA -443001 WAAC Reaccredited 'B' (CGPA 2.88) 2013-18

Website: www.jmvbuldhana.ac.in E-mail: principaljmvbuldana@gmail.com



Hon'ble Shri Harshvardban F. Deshmukh
Fresident

Shri Shivoji Education Society, Amravati

आजादीक अमृत महोत्सव Capt. Dr. Prashant P. Kothe Principal Mobile No. 9822461416

JMVRLD/2021 - 13

Date:/37 1//2022

Declaration

This is to declare that the information, reports, true copies, numerical data etc. furnished in this file as supporting documents are verified by the Internal Quality Assurance Cell and found correct.

Subodh N. Chinchole (IQAC Coordinator) Coordinator LQ.A.C. Jijamata Mahavidyataya Bula 443001

Dr. Prashant P. Kothe (Principal)

Principal Maniete Mahavidyeten Buldana

1. Alternate sources of energy and energy conservation measures

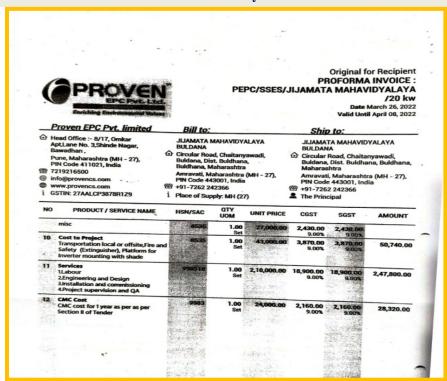
1. Solar Energy (20 KW)

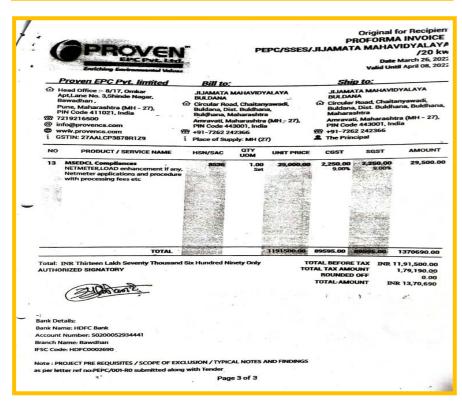






Bill of Solar System



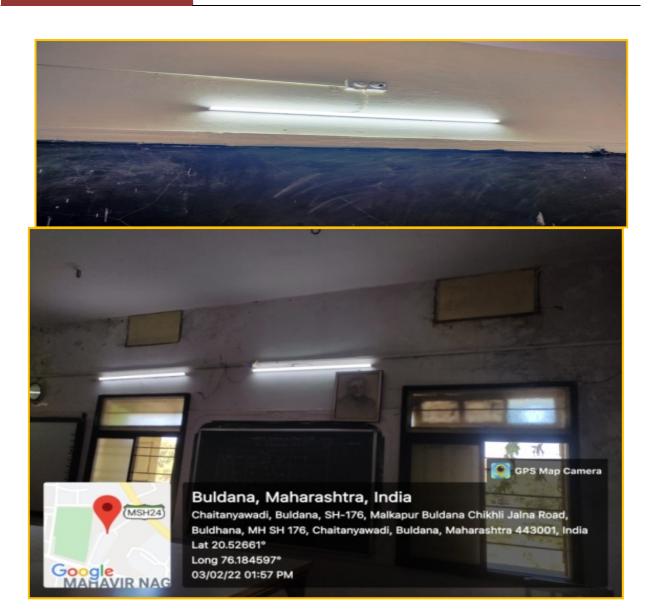


2. Use of LED Bulbs/Power Efficient Equipment











3. Display Board for Energy Conservation



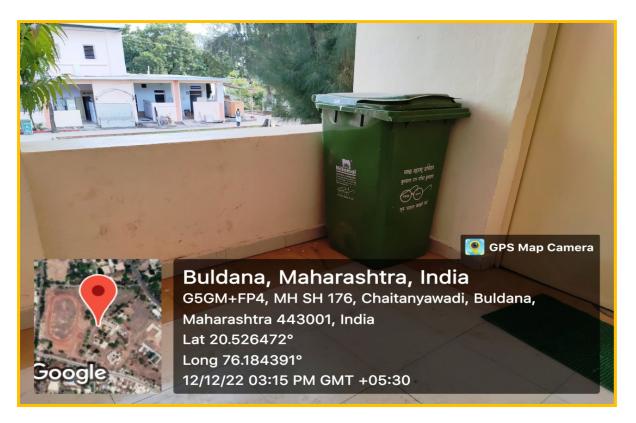


2. Management of the various types of Degradable and Non-degradable Waste

1. Solid waste management







Vermi-Composting Unit



2. Liquid Waste Management



3. E-waste management:

Generated e-waste disposed through authorized agency



Page 12



Proof Document for E- Waste Management



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437

Fax: 24023516

Website: http://mpcb.gov.in Email: rohq@mpcb.gov.in



Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

AUTHORISATION FOR STORAGE, DISMANTLING & RECYCLING OF E-WASTE BY Collection, Segregation, Dismantling & Refurbishing of E-Waste

Ref : Your application for E-waste Authorization vide UAN MPCB-E_WASTE_REGISTRATION_NEW-0000000329



Your Service is Our Duty

1. Authorisation no: 220600005 MPCB/RO(HQ)/HSMD/Autho/2022/EW-06 Date: 14-106/2022

 M/s Perfect E-waste Recyclers is hereby granted an authorisation for Collection, Segregation, Dismantling & Refurbishing of E-Waste on the premises situated at. Plot No. A-8/1, MIDC Chikhalthana, Tal. & Dist. Aurangabad for following.

| Sr.No. | Nature of E-Waste | Electrical & Electronics Equipment code | UOM |
|--------|--|---|-------------|
| 1 | Collection, Segregation, Dismantling & Refurbishing of E-Waste | (ITEW - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 & CEEW - 1, 2, 3, 4, 5) | 184 MT/A |

- 3. Authorisation is valid for a period valid up to 31-05-2027
- 4. The authorisation is subject to the conditions stated below and such conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

Terms and conditions of authorisation

- The authorization shall comply with the provisions of the Environment (Protection) Act,1986
 and the rules made thereunder.
- The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the Maharashtra Pollution Control Board.
- Any unauthorised change in personnel, equipment as working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- It is the duty of the authorised person to take prior permission of the concerned State Pollution Control Board to close down the operations.
- An application for renewal of an authorisation shall be made in form no. 4 before one twenty days of expiry of existing authorisation as per the procedure laid in sub-rule (3) of rule 13.
- 6. The authorisation shall cease to be valid in case of expiry of the validity or suspension of any of the existing consents under Water (Prevention & Control of pollution) Act, 1981 & Authorization under the E-Waste (Management) Rules, 2016, issued by Maharashtra Pollution Control Board (MPCB)/and shall remain invalid till consent (S)/authorization are obtained.
- The Recycler or Dismantler of the E-Waste shall submit copies of valid Consents & Authorization also to the auctioneers/ sellers at the time of each procurement.

M/s. PERFECT E-WASTE RECYCLERS/UAN NO.MPCB-E_WASTE_REGISTRATION_NEW-0000000329 Doc NO:

Page 1 of 4

- The Recycler or Dismantler of the E-Waste shall responsible to ensure that quantity of the E-Waste (S) procured each time is endorsed in this Pass-Book by authorized seller /auctioneer/collection centre / bulk consumer/ producer of the E-Waste.
- The authorised recycler /dismantler of the E-Waste shall follow guidelines for implementation of the E-Waste (M) Rules, 2016 published by the Central Pollution Control Board from time to time.
- 10. The recycler / dismantler shall not rent/lend/transfer this registration certificate.
- 11. Any change in the dismantling/recycling technology, disposal facility & equipment as given in the application only to be carried out with prior permission of MPCB.
- The unit should carry out stack emission & ambient quality (AAQ) monitoring of for SPM, RSPM, SO2, NOx & monitoring reports should be submitted by the unit to the MPCB, as per consent conditions.
- 13. At the time of submission of the application for renewal of authorisation, the unit should submit a copy of the "Authorisation and passbook" along with details of the quantity of E-Waste recycled / E-Waste dismantled / mode of disposal of Hazardous waste generated during validity period or authorisation & statement showing point wise compliance status of above conditions.
- 14. The transportation of E-Waste shall be carried out as per the manifest system whereby the transporter shall be required to carry a document (3 copies) prepared by the sender, giving the details as per form no. 6 under the provisions of rule 19 of the E-Waste (M) Rules 2016.
- 15. The Maharashtra Pollution Control Board may cancel or suspend a registration granted the E-Waste (M) Rules, 2016, if it has reasons to believe that authorised recycler / dismantler has failed to comply with any of the conditions of authorisation, or with any provisions for E-Waste(M) Rules, 2016 or rules made there under or conditions specified in the authorisation.
- 16. Responsibilities of the Dismantler: -
 - a) Every dismantler shall obtain authorization from the Maharashtra Pollution Control Board in accordance with the procedure under sub-rule 3 of rule 13 of the E-Waste Rules, 2016
 - Every dismantler shall ensure that no damage is caused to the environment during storage & transportation of E-waste.
 - Every dismantler shall ensure that dismantling processed do not have adverse effect on the health & the environment.
 - d) Every dismantler shall ensure that the facility & dismantling processes are in accordance with the standards or guidelines published by the Central Pollution Control Board from time to time.
 - e) Ensure that dismantled e-waste are segregated & sent to the registered recycling facilities for recovery of materials.
 - f) Ensure that non-recyclable / non-recoverable components are sent to authorize treatment storage & disposal facilities.
 - g) Maintain record of E-Waste collected, dismantled and sent to authorised recycler in Form

 2 and make such records available for scrutiny by Central Pollution Control Board or Maharashtra Pollution Control Board.
 - h) File annual return in Form 3, to Maharashtra Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
 - Shall not process any e-waste for recovery or-refining of materials, unless he is registered with Maharashtra Pollution Control Board as a recycler for refining and recovery of materials.

M/s. PERFECT E-WASTE RECYCLERS/UAN No.MPCB-E_WASTE_REGISTRATION_NEW-0000000329 Doc NO: QMS.P06 F37

Page 2 of 4

- 17. Responsibilities of the Recycler: -
 - a) Every recycler shall obtain authorization from the Maharashtra Pollution Control Board in accordance with the procedure under sub-rule 3 of rule 13 of the E-Waste Rules, 2016.
 - Every recycler shall ensure that no damage is caused to the environment during storage & transportation of E-waste.
 - c) Every recycler shall ensure that dismantling processed do not have adverse effect on the health & the environment.
 - d) Every recycler shall ensure that the facility & dismantling processed are in accordance with the standards or guidelines published by the Central Pollution Control Board from time to time
 - e) Ensure that non-recyclable / non-recoverable components are sent to authorize treatment storage & disposal facilities.
 - f) Maintain record of E-Waste collected, dismantled, recycled in Form 2 and make such records available for scrutiny by Central Pollution Control Board or Maharashtra Pollution Control Board.
 - g) File annual return in Form 3, to Maharashtra Pollution Control Board in or before the 30th day of June following the financial year to which that return relates.
 - h) Not process any e-waste for recovery or-refining of materials, unless he is registered with Maharashtra Pollution Control Board as a recycler for refining and recovery of materials.
- This Authorisation is issued as per the recommendation of committee constituted by the Board in the meeting held on 01-03-2022 and with the approval of competent authority.
- 19. The authorization shall comply with the provisions of the Environment (Protection) Act,1986 and the rules made thereunder.
- The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the Maharashtra Pollution Control Board.
- Any unauthorised change in personnel, equipment as working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- 22. It is the duty of the authorised person to take prior permission of the concerned State Pollution Control Board to close down the operations.
- An application for renewal of an authorisation shall be made in form no. 4 before
 one twenty days of expiry of existing authorisation as per the procedure laid in
 sub-rule (3) of rule 13.
- 24. The authorisation shall cease to be valid in case of expiry of the validity or suspension of any of the existing consents under Water (Prevention & Control of pollution) Act, 1981 & Authorization under the E-Waste (Management) Rules, 2016, issued by Maharashtra Pollution Control Board (MPCB)/and shall remain invalid till consent (S)/authorization are obtained.
- 25. The Recycler or Dismantler of the E-Waste shall submit copies of valid Consents & Authorization also to the auctioneers/ sellers at the time of each procurement.
- 26. The Recycler or Dismantler of the E-Waste shall responsible to ensure that quantity of the E-Waste (S) procured each time is endorsed in this Pass-Book by authorized seller /auctioneer/ collection centre / bulk consumer/ producer of the E-Waste.
- The authorised recycler /dismantler of the E-Waste shall follow guidelines for implementation of the E-Waste (M) Rules, 2016 published by the Central Pollution Control Board from time to time.
- 28. The recycler / dismantler shall not rent/lend/transfer this registration certificate.
- Any change in the dismantling/recycling technology, disposal facility & equipment as given in the application only to be carried out with prior permission of MPCB.

M/s. PERFECT E-WASTE RECYCLERS/UAN No.MPCB-E_WASTE_REGISTRATION_NEW-0000000329 Doc NO: QMS.P06 F37

Page 3 of 4

- The unit should carry out stack emission & ambient quality (AAQ) monitoring of for SPM, RSPM, SO2, NOx & monitoring reports should be submitted by the unit to the MPCB, as per consent conditions.
- 31. At the time of submission of the application for renewal of authorisation, the unit should submit a copy of the "Authorisation and passbook" along with details of the quantity of E-Waste recycled / E-Waste dismantled / mode of disposal of Hazardous waste generated during validity period or authorisation & statement showing point wise compliance status of above conditions.
- 32. The transportation of E-Waste shall be carried out as per the manifest system whereby the transporter shall be required to carry a document (3 copies) prepared by the sender, giving the details as per form no. 6 under the provisions of rule 19 of the E-Waste (M) Rules 2016.
- 33. The Maharashtra Pollution Control Board may cancel or suspend a registration granted the E-Waste (M) Rules, 2016, if it has reasons to believe that authorised recycler / dismantler has failed to comply with any of the conditions of authorisation, or with any provisions for E-Waste(M) Rules, 2016 or rules made there under or conditions specified in the authorisation.

For and on behalf of the Maharashtra Pollution Control Board.

Dr. J.B.Sangewar (4) Regional Officer (HO)

To,

M/s. PERFECT E-WASTE RECYCLERS,

Rejery

Copy to:

- 1. The Regional Officer , Maharashtra Pollution Control Board
- 2. The Sub Regional Officer , Maharashtra Pollution Control Board

M/s. PERFECT E-WASTE RECYCLERS/UAN No.MPCB-E_WASTE_REGISTRATION_NEW-0000000329 Doc NO: QMS.P06 F37

Page 4 of 4



Unique No. 982

Pass Book for Maintaining Records of Purchase of E-Waste under the E-waste (Management) Rules, 2016

Name and Address

of the Industry

Telephone/Fax No.

9881381700

E-mail Address

perfectrecycler@gmail.com

Authorisation No.

MPCB/RO(HO)/HSMD/Auth/22/EW/06

Authorisation issued for : Recycling / dismantling of the E-Waste

Date of Issue

14/06/2022

Validity Period

Quantity of the E-Waste(s) procurement is permitted for Recycling / Dismantling of the E-Waste.

| S. No. | Type of E-Waste | Quantity (Tons Per Annum) |
|-----------|---|---|
| D | Collection, Segregation, Dismantling & — Refurbishing of — E-waste | 184 MT/A [One Eighty — Four Only] |

All the conditions prescribed in the authorisation shall be complied all the time.

Date: |4|06|2022

Place: Mumbai

Authorised Sig

Dr. J. B. SANGEV

Regional Officer (HQ) & Incharge

HSM Division

Maharashtra Pollution Control Board ard Floor, Kalpataru Point, Opp. Cine Planate,

Sion (E), Mumbai

4. Biomedical waste management:

Microbiological Waste Management

During working in microbiology laboratory different types of waste are produced which should to be disposed. These may be chemical, biological, physical and bioremediation.

Microbiological Waste includes:

- 1. Discarded culture and stacks of infectious agents.
- 2. Discarded, used disposable culture dishes.
- 3. Disposable mask, latex gloves and disposables hair cap.
- 4. Sharps: Waste items that can easily cut or puncture the skin such are: Razor blades, disposable scissors used in surgery and scalpel blades.

Sharps include but are not limited to the following when contaminated.

- 1. Glass Pipettes.
- 2. Broken Glassware.
- 3. Specimen tubes.
- 4. Blood culture bottles and microscope slides.

For the disposal of sharp wastes we use specific colored container. The container should be lick proof and standard manufacture and labeled the container.

Disposal of Prepared media:

- 1. It is likely that inoculated culture media will contain high numbers of microorganisms which consists a potential hazard. Therefore they must be disposed off safely by approved method. Infected specimens and inoculated culture media should be handled by trained person only. Any apparatus used and contaminated must be safely disinfected or sterilized. It is suggested that decontamination should be carried out at 121°C for 60 minutes. After autoclaving, media may be disposed of through normal waste disposal.
- 2. For disinfection: Dip media for 1 to 2 Hrs in Lysol- 2.5% + Domex- 2.5% + Savlon 2.5% disinfectant and then discard through normal waste.

5. Waste recycling system

Regular maintenance and repairing of damage furniture desk bench, rack, equipment in various laboratories and departments is done. Biodegradable waste from life science laboratories and garden waste is transfer to vermi-composting unit which is again user as bio-fertilizer in garden.

3. Water conservation

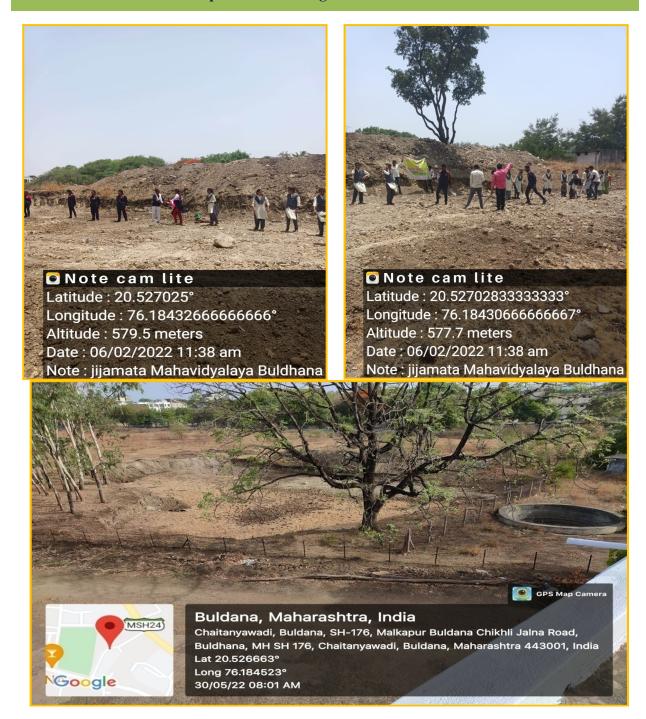
1. Rain water harvesting

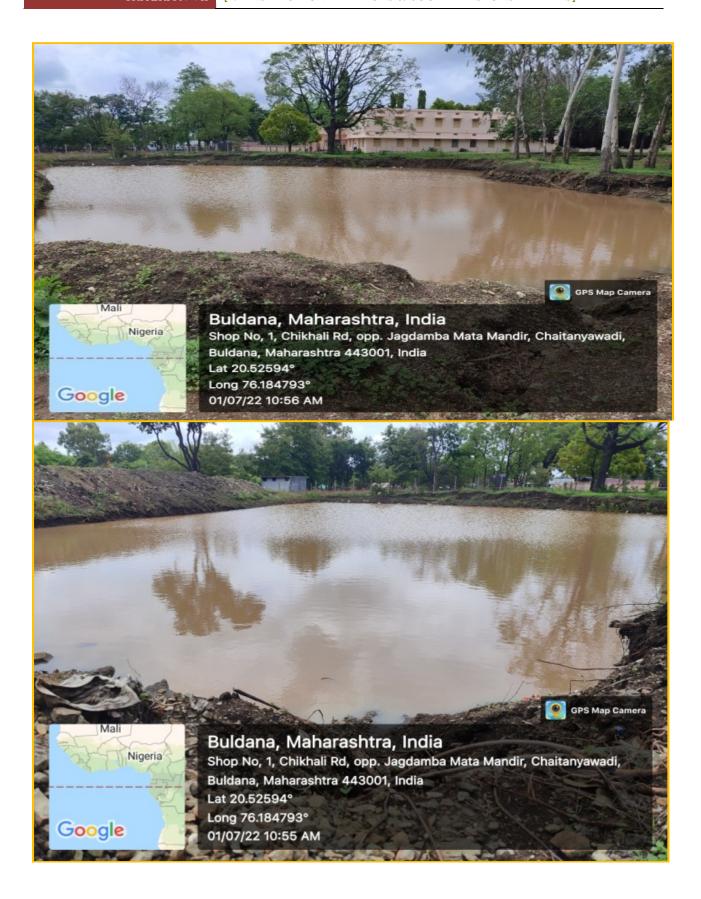






2. Bore well /Open well Recharge /Construction of Tanks and Bunds





3. Waste Water Recycling

Limited amount of waste water is generated. Water from drinking water chamber and water purifier is given to plants.



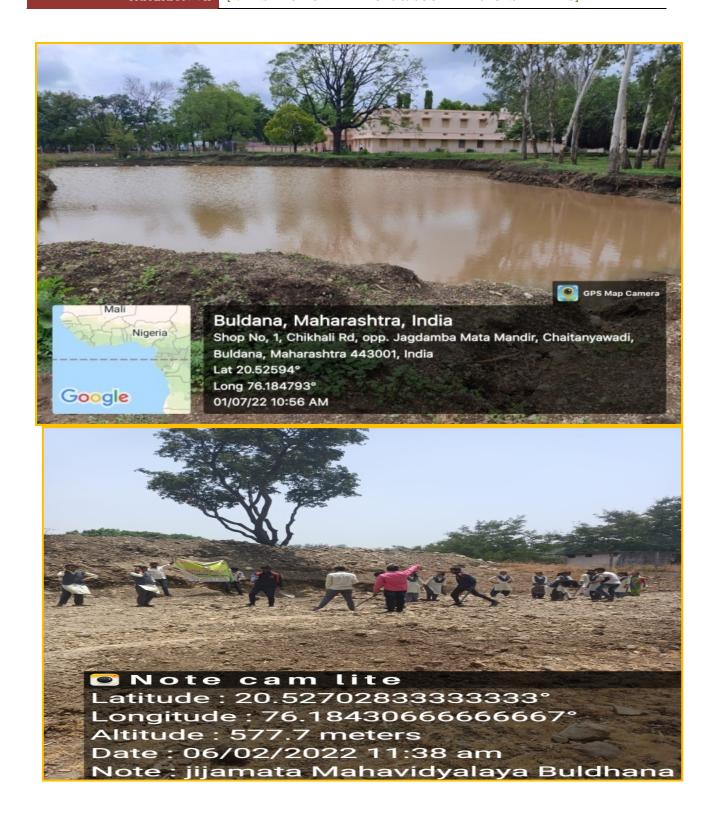




4. Maintenance of water bodies and distribution system in the campus

Water Bodies

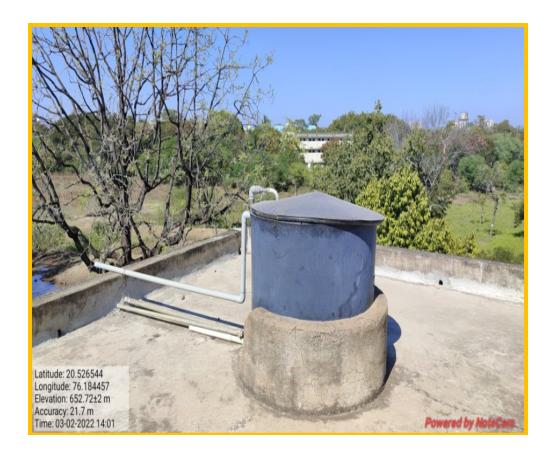


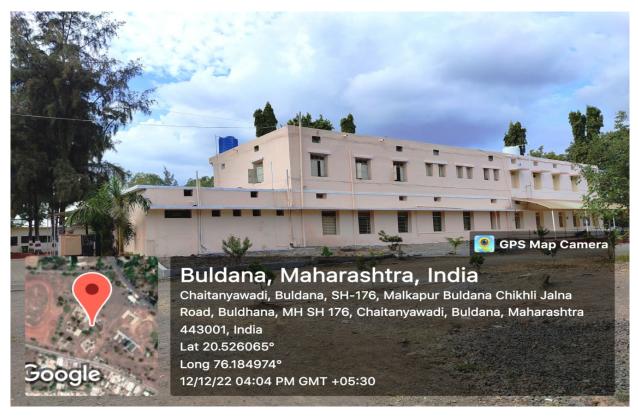


Water Distribution System









5. Drip Irrigation System



4. Green Campus Initiatives

Green Campus and Environment Policy



Shri Shivaji Education Society, Amravati.

JIJAMATA MAHAVIDYALAYA, BULDANA

CHIKHLI ROAD, BULDANA -443001

NAAC Reaccredited 'B' CGPA 2.88 (2013) College website : www.jmvbuldana.org Dr. Panjabrao Deshmukh
Founder President

Shri Harshvardhan P. Deshmukh President

> Dr. E. J. Helge Principal

Ref. No:

Date: 18 /08/2020

Green Campus and Environment Policy

- Awareness board for saving energy and water to be displayed in all Circulation areas and in the campus.
- Programs/Activities for inculcating strong sensitivity towards the Environment must be arranged regularly for all stakeholders of the institute.
- Proper segregation, disposal and recycling methods to be adopted for different wastes generated on campus like paper, plastic, biodegradable waste from canteen, glass, ewaste etc.
- 4. E-waste bin to be installed for the collection of e-waste generated in college.
- 5. Annual Green and Environment audits of the campus to be conducted.
- 6. All the fluorescent lamps in the campus recommended to be replaced with LED lamp.
- To improve sanitation and hygiene, sanitary pad inclinators recommended to be installed in all girls' washrooms.
- 8. Good practices to reduce power consumption to be implemented.
- 9. Reuse of papers for writing and printing recommended in all departments.
- E-Notice practice to be followed by department through learning management system and website.
- 11. Strategies for reduction in stationary consumption are required to be adopted by the department.
- 12. Initiatives to maintain eco-friendly ambience on the campus.

Principal

Principal Jijamata Mahavidyalaya Buldana

Quality Audits on Environment and Energy Regularly undertaken by Institution

Certificates of Green Audit, Environmental Audit and Energy Audit by Nutan Urja Solutions auditing agency

1. Green Audit Certificates by Nutan Urja Solutions auditing agency (2018-2019 To 2021-2022)

2021-2022

Nutan Urja Solutions

(ISO 9001:2015, ISO 50001:2018, ISO 14001:2015, ISO/IEC 17020:2012)

A 703, Balaji Witefield, Near Sunni's World,

Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com



Date: 11/11/2022

CERTIFICATE

This is to certify that we have conducted Green Audit at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana for the year 2021–22.

The College has already adopted Green practices like:

- > Installation of Rain Water Harvesting system
- > Installation of Bio composting pit
- Usage of Energy Efficient LED
- > Usage of Energy Efficient BEE STAR Rated equipment

We appreciate the support of Management, involvement of faculty members and students in the process of making the campus Green.

Nutan Urja Solutions,



Certified Energy Auditor,

EA - 22428

Report on Green Audit: Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana

Nutan Urja Solutions

A 703, Balaji Witefield, Near Sunni's World,

Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 11/01/2022

CERTIFICATE

This is to certify that we have conducted Green Audit at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana for the year 2020-21.

The College has already adopted Green practices like:

- > Installation of Rain Water Harvesting system
- > Installation of Bio composting pit
- Usage of Energy Efficient LED
- > Usage of Energy Efficient BEE STAR Rated equipment

We appreciate the support of Management, involvement of faculty members and students in the process of making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar,

Certified Energy Auditor,

EA - 22428

2

Nutan Urja Solutions, Pune.

Nutan Urja Solutions

A 703, Balaji Witefield, Near Sunni's World, Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 05/10/2020

CERTIFICATE

This is to certify that we have conducted Green Audit at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana for the year 2019–20.

The College has already adopted Green practices like:

- > Installation of Rain Water Harvesting system
- > Installation of Bio composting pit
- ➤ Usage of Energy Efficient LED
- ➤ Usage of Energy Efficient BEE STAR Rated equipment

We appreciate the support of Management, involvement of faculty members and students in the process of making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar,

Certified Energy Auditor,

EA - 22428

Nutan Urja Solutions

A 703, Balaji Witefield, Near Sunni's World,

Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 20/08/2019

CERTIFICATE

This is to certify that we have conducted Green Audit at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana for the year 2018–19.

The College has already adopted Green practices like:

- Installation of Rain Water Harvesting system
- > Installation of Bio composting pit
- Usage of Energy Efficient LED
- ➤ Usage of Energy Efficient BEE STAR Rated equipment

We appreciate the support of Management, involvement of faculty members and students in the process of making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar,

Certified Energy Auditor,

EA - 22428

2. Environment Audit Certificates by Nutan Urja Solutions auditing agency 2021-2022

Nutan Urja Solutions

(ISO 9001:2015, ISO 50001:2018, ISO 14001:2015, ISO/ IEC 17020:2012)

A 703, Balaji Witefield, Near Sunni's World,

Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com



Date: 11/11/2022

CERTIFICATE

This is to certify that we have conducted Environmental Audit at at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana in the year 2021-22.

The College has already adopted following projects for making the campus Energy Efficient.

- > Installation of Bio Composting Pit
- > Installation of Rain Water Harvesting System

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar, Certified Energy Auditor, EA – 22428

Environmental Audit Report: Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana

Nutan Urja Solutions

A 703, Balaji Witefield, Near Sunni's World,

Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 11/01/2022

CERTIFICATE

This is to certify that we have conducted Environmental Audit at at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana in the year 2020-21.

The College has already adopted following projects for making the campus **Energy Efficient.**

- > Installation of Bio Composting Pit
- > Installation of Rain Water Harvesting System

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar, Certified Energy Auditor,

EA - 22428

Nutan Urja Solutions

Nutan Urja Solutions

A 703, Balaji Witefield, Near Sunni's World, Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 05/10/2020

CERTIFICATE

This is to certify that we have conducted Environmental Audit at at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana in the year 2019-20.

The College has already adopted following projects for making the campus Energy Efficient.

- > Installation of Bio Composting Pit
- > Installation of Rain Water Harvesting System

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar, Certified Energy Auditor,

EA - 22428

Nutan Urja Solutions

A 703, Balaji Witefield, Near Sunni's World, Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 20/08/2019

CERTIFICATE

This is to certify that we have conducted Environmental Audit at at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana in the year 2018-19.

The College has already adopted following projects for making the campus Energy Efficient.

- > Installation of Bio Composting Pit
- > Installation of Rain Water Harvesting System

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar,

Certified Energy Auditor,

EA - 22428

3. Energy Audit Certificates by Nutan Urja Solutions auditing agency 2021-2022

Nutan Urja Solutions

(ISO 9001:2015, ISO 50001:2018, ISO 14001:2015, ISO/IEC 17020:2012)

A 703, Balaji Witefield, Near Sunni's World,

Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com



Date: 11/11/2022

CERTIFICATE

This is to certify that we have conducted Energy Audit at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana as per the guidelines of Maharashtra Energy Development Agency (www.mahaurja.com) in the year 2021-22.

The College has already adopted Energy Efficient practices like:

- > Usage of Energy Efficient LED Fittings
- > Usage of Energy Efficient BEE STAR Rated equipment

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

Nutan Urja Solutions,



K G Bhatwadekar,

Certified Energy Auditor,

EA - 22428



Report on Energy Audit: Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana

Nutan Urja Solutions

A 703, Balaji Witefield, Near Sunni's World,

Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 11/01/2022

CERTIFICATE

This is to certify that we have conducted Energy Audit at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana as per the guidelines of Maharashtra Energy Development Agency (www.mahaurja.com) in the year 2020-21.

The College has already adopted **Energy Efficient** practices like:

- Usage of Energy Efficient LED Fittings
- ➤ Usage of Energy Efficient BEE STAR Rated equipment

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar,

Certified Energy Auditor,

EA - 22428

Urja solutione

Nutan Urja Solutions, Pune

Nutan Urja Solutions

A 703, Balaji Witefield, Near Sunni's World, Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 05/10/2020

CERTIFICATE

This is to certify that we have conducted Energy Audit at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana as per the guidelines of Maharashtra Energy Development Agency (www.mahaurja.com) in the year 2019-20.

The College has already adopted Energy Efficient practices like:

- ➤ Usage of Energy Efficient LED Fittings
- > Usage of Energy Efficient BEE STAR Rated equipment

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar,

Certified Energy Auditor,

EA - 22428

Nutan Urja Solutions

A 703, Balaji Witefield, Near Sunni's World, Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 20/08/2019

CERTIFICATE

This is to certify that we have conducted Energy Audit at Shri Shivaji Education Society, Amravati's Jijamata Mahavidyalaya Buldana as per the guidelines of Maharashtra Energy Development Agency (www.mahaurja.com) in the year 2018-19.

The College has already adopted Energy Efficient practices like:

- Usage of Energy Efficient LED Fittings
- Usage of Energy Efficient BEE STAR Rated equipment

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

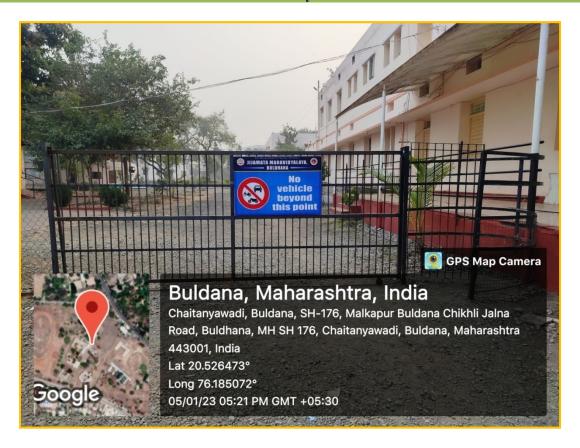
Nutan Urja Solutions,

K G Bhatwadekar,

Certified Energy Auditor,

EA - 22428

1. Restricted Entry for Automobiles



2. Use of Bicycles/ Battery-powered vehicles

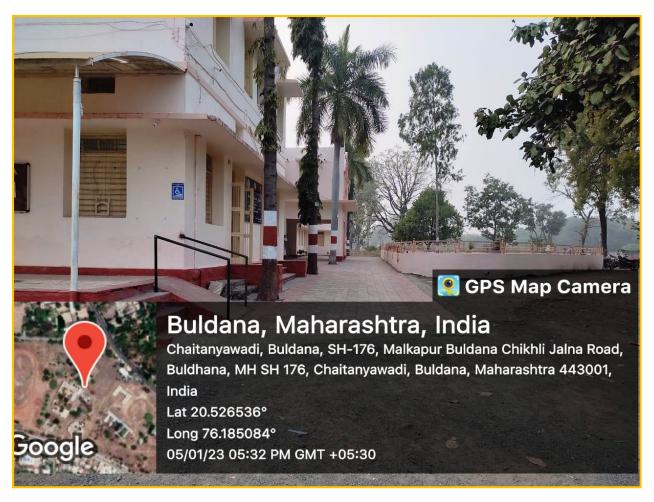


3. Pedestrian-friendly pathways

The Institute has well defined pedestrian foot paths as to facilitate the easy movement of the students within the campus.









4. Ban on Use of Plastic



Shri Shivaji Education Society, Amravati.

JIJAMATA MAHAVIDYALAYA, BULDANA

CHIKHLI ROAD, BULDANA -443001

NAAC Reaccredited 'B' CGPA 2.88 (2013) College website : www.jmvbuldana.org **Dr. Panjabrao Deshmukh** Founder President

Shri Harshvardhan P. Deshmukh President

> Dr. E. J. Helge Principal

Ref. No:

Date: 18/08/2020

Policy for Plastic Ban in campus

- To undertake awareness program for stake holders to reduce, reuse and recycle of plastic.
- 2. All the stake holders should minimize use of plastic bags in the campus.
- 3. Waste segregation to be strictly followed by stake holders.
- 4. Use of packaged, water bottle is not permitted during college events/programme.
- 5. Students should recycle the available materials for creative work during college festivals as far as possible.
- 6. Use of thermocol is strictly prohibited.

Principal
Principal
Principal
Jijamata Mahavidyalaya
Buldana

The Institute is an active participant in the Government of India's most prestigious project of SWATCHH BHARAT ABHIYAN. The Institute has displayed boards in the Campus, to make the campus plastic free. Various measures adopted for this purpose are as follows

- Installation of Separate waste bins for Degradable waste & Non-degradable waste
- ➤ Usage of paper tea cups in the Institute canteen
- ➤ Display of boards in the campus for Plastic Free campus





5. Landscaping

To understand the plant biodiversity of the campus, the college has been conducting census of tree, herbs and shrubs. The college campus has rich plant biodiversity including more than 40 tree species. List of trees is given in following table.

| Sr. No. Name | | Botanical Name | Number | |
|--------------|----------------|--------------------------|--------|--|
| 1 | Kadulimb | Azadirachta indica | 14 | |
| 2 | Ashoka | Saraca asoca | 24 | |
| 3 | Charoli | Buchanania lanzan | 02 | |
| 4 | Shisam | Dalbergia sissoo | 05 | |
| 5 | Bakan | Melia azedarach | 02 | |
| 6 | Medshingi | Dolichandroma falcate | 03 | |
| 7 | Palas pangram | Alstonia scholaris | 03 | |
| 8 | Pimple | Ficus reigiosa | 02 | |
| 9 | Behada | Termina liabellirica | 02 | |
| 10 | Kaddu | Kigelia Africana | 08 | |
| 11 | Jambhul | Syzgium cumini | 02 | |
| 12 | Pimpri | Ficus amplissima | 01 | |
| 13 | Chadrajyoti | Jatropha curcas | 01 | |
| 14 | Subabhul | Leucaena leucocephala | 03 | |
| 15 | Maharukh | Ailanthus excels | 08 | |
| 16 | Gulmohar | Delonixregia | 07 | |
| 17 | Kashid | Peltrophorum pterocarpum | 65 | |
| 18 | Chinch | Tamarindus indica | 01 | |
| 19 | Rui | Calatropis procera | 01 | |
| 20 | Botal brush | Callistemon viminalis | 01 | |
| 21 | Palas | Buteamono sperma | 04 | |
| 22 | Tekoma(Ghantif | Tecomastan | 02 | |
| | ul) | | | |
| 23 | Kanchan | Bauhinia variegata | 02 | |

| 24 | Chandan | Santalum album | 06 |
|----|----------------|-------------------------|----|
| 25 | Nilgiri | Eucalyptus globulas | 47 |
| 26 | Babhul | Vachellia nilotica | 23 |
| 27 | Sadada | Terminalia arjuna | 02 |
| 28 | Vad | Ficus benghalensis | 01 |
| 29 | Bilayat chinch | Pithecellobium dulce | 02 |
| 30 | Hivar | Vachellia leucophloea | 02 |
| 31 | Kesjhabhuj | Achyranthes aspera | 06 |
| 32 | Bamboo | Bambusa vulgaris | 01 |
| 33 | Karanj | Milletiapinnata | 01 |
| 34 | Botal pam | Hyophor belagenicaulis | 02 |
| 35 | Saru | Casuarina equisetifolia | 11 |
| 36 | Badam | Terminalia catappa | 02 |
| 37 | Sag | Tectona grandis | 23 |
| 38 | Amba | Mangifera indica | 05 |
| 39 | Saptparni | Alstonia scholaris | 01 |
| 40 | Sitafal | Annona squamosa | 01 |
| 41 | Satpuda | | 01 |
| 42 | Vavadi | Bianceae sappan | 01 |











5. Disabled-Friendly, Barrier Free Environment



Shri Shivaji Education Society, Amravati.

JIJAMATA MAHAVIDYALAYA, BULDANA

CHIKHLI ROAD, BULDANA -443001

NAAC Reaccredited 'B' CGPA 2.88 (2013) College website : www.jmvbuldana.org Dr. Panjabrao Deshmukh

Shri Harshvardhan P. Deshmukh President

> Dr. E. J. Helge Principal

Ref. No:

Date: 17/08/2020

POLICY DOCUMENT FOR DISABLED-FRIENDLY, BARRIER FREE

ENVIRONMENT

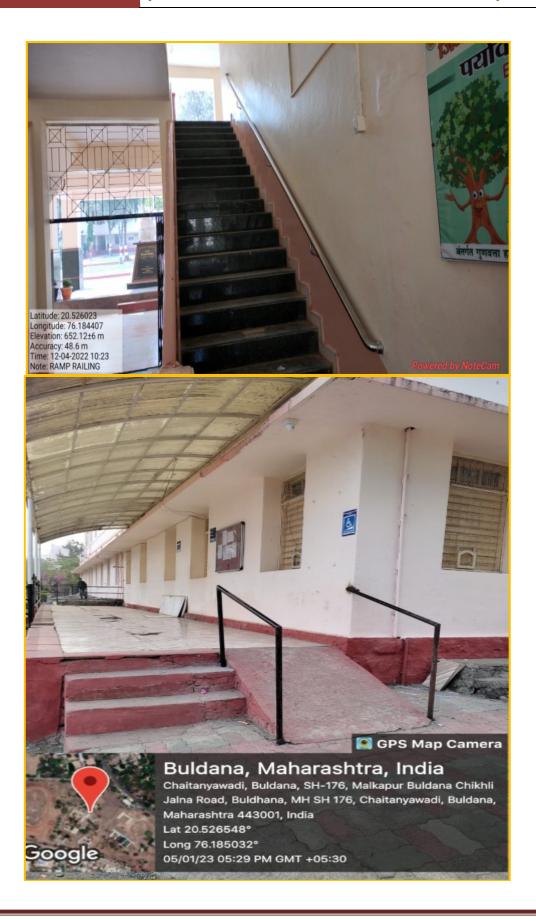
National policy of the Government of India formulated for persons with disabilities in February 2006 which deals with educational reintegration of persons with disabilities, therefore in view of this Jijamata Mahavidyalaya, Buldana has implemented these policies in the teaching and learning process.

The emphasis of the policy is on the following:

- The use of signage of male and female symbols, in accordance with local customs and Standards, with raised outlines and bright colour contrast will be more evident to everyone and particularly helpful for persons with visual impairments.
- 2. To ensure the accessible, gender-sensitive, safe, usable and functional washroom facilities should be provided for disabled persons.
- To ensure that the design of the building such as ramp, lift should be according to the Disabled persons.
- Provision for enquiry and information: Human assistance, reader, scribe, soft copies of Reading material, screen reading.
- 5. To ensure the proper text and pictogram signage such as tactile path, lights, display boards, signposts are necessary, located to be visible and touchable.
- Learners with disabilities need to be adequately and appropriately supported in and out of the Classroom with the right resources and assistive technology, and with leadership, teaching staff and college communities that are responsive to their needs.
- To ensure the accessibility of software tools and technology for the people with disabilities.

Rtincipal
Principal
Jijamata Mahavidyalaya
Buldana

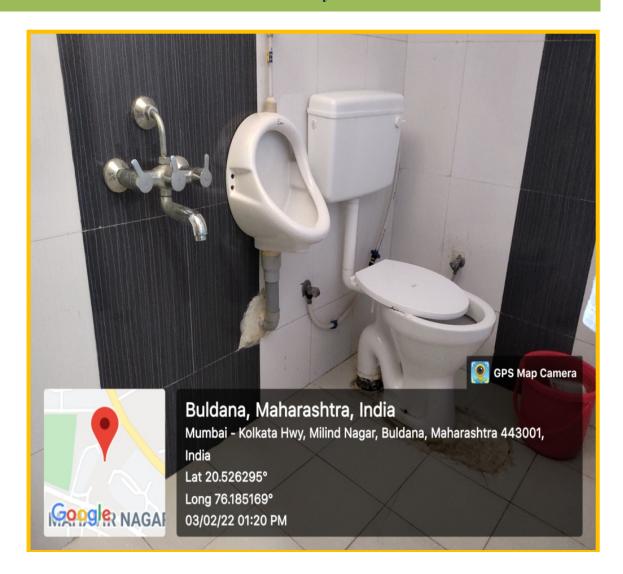




2. Wheel Chair



3. Disabled-friendly washrooms



4. Signage Including Display Boards and Signposts





Page 57

5. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment





This Memorandum of Understanding is entered into with:

Shri Shivaji Education Society, Amravati's

JIJAMATA MAHAVIDYALAYA, BULDANA

Chikhli Road, Buldana 443001 (Maharashtra)

Website: www.jmvbuldana.org

E-mail: principaljmvbuldana@gmail.com

Cell: 9822732047 / 9421394023

And

DIVYANG SOCIAL FOUNDATION, AKOLA

Registration No Mah 85/2020

| Signed on | 01/01/2021 |
|-------------|------------|
| Valid up to | 31/12/2025 |
| Place | Akola |

About Jijamata Mahavidyalaya, Buldana:

Established in 1956 by Late Dr. Panjabrao alias Bhausaheb Deshmukh, the First Minister for Agriculture, India, our college is one of the 265 educational institutes run by Shri Shivaji Education Society, Amravati. The college is affiliated to Sant Gadge Baba Amravati University, Amravati imparting education in Science, Commerce and Humanities streams at UG and PG levels. NAAC Bengaluru has reaccredited the college with B Grade (CGPA 2.88) in 2013.

We offer courses in:

- **Under Graduate:**
- i) Arts (Humanities) ii) Commerce
- iii) Science

- * **Post Graduate:**
- M.A.:
- i) Economics ii) English
- iii) Marathi
- iv) Music

- M.Sc.:
- i) Chemistry
- M. Com.:
- i) English Medium
- ii) Marathi Medium

Available Facilities and Resources

Research Centres for Ph. D.:

- i) Chemistry
- ii) Zoology
- iii) History

- iv) Marathi
- v) English
- vi) Commerce

- vii) Economics
- viii) Political Science ix) Mathematics

Recognized Research Laboratories:

- i) Chemistry ii) Physics
- iii) Zoology
- iv) Botany

Sports Facilities:

- i) 400 Mtrs Running Track
- ii) Handball
- iii) Athletics
- iv) Cricket
- vi) Table Tennis

With the mission of providing quality education the College endeavors to inculcate social, national and holistic values among students. Aspirants for various competitive exams, research, sports, culture and entrepreneurship are encouraged and supported with necessary facilities, resources and expertise.

About Divyang Social Foundation, Akola

Divyang Foundation, Akola is an NGO that provides continuous self-employment and training to the differently-abled. This organization is working not only in Vidarbha Maharashtra but also throughout the country to create awareness and organize social activities for the differently-abled. This organization has the honor of starting the first Braille Library in Vidarbha. Every year this organization is conducts various activities for the disabled

Objectives:

- 1) To provide training, guidance and help to the disabled to become self-reliant and self-sufficient
- 2) To provide free Braille and recording materials to the disabled.
- 3) To creating social awareness through various activities.

Activities

- 1) Divyang Social Foundation, Akola has been implementing various social activities for the past many years to provide self-employment to disabled people like distribution of wheelchairs computer sewing machines etc. to create self-employment opportunities.
- 2) Scholarship is allotted to 100 students every year
- 3) Sensitization and public awareness is done through Radio Channel 'Radio Vision' regarding various schemes and activities for the Divyangajanas.

Awards:

Divyang Social Foundation, Akola has been awarded the *Adarsh Sanstha Award* by Social District Welfare Department, Akola

Agreement between the Parties:

This MEMORANDUM OF UNDERSTANDING is signed between Shri Shivaji Education Society, Amravati

JIJAMATA MAHAVIDYALAYA, BULDANA

And

DIVYANG SOCIAL FOUNDATION, AKOLA

The parties enter into this MoU for the primary purpose of extending cooperation, promotion of awareness about the issues of Divyangajanas in higher education and exchange of expertise and resources for benefit of the Divyang students.

Parties agree to:

- To create a platform for both organizations to go hand in hand in their common goals.
- Work jointly to offer Divyang students trainings on life-skills, handicrafts etc through mutual exchange of resources and expertise.
- 3. Collaborate and cooperate in organization and conduct of activities and programmes.
- Share information with confidentiality as the main clause which does not harm the participating organizations.

Each party pledges in good faith to go forward with this MoU and to further the goals and purposes of this MoU and shall attempt to resolve disputes through good faith discussions.

Termination:

Unless terminated by a written agreement executed by either party, this MoU shall remain in effect for the agreed term. As a token of agreement and acceptance of the terms and conditions governing this MoU, both the parties have put their seal and signatures.

SIGNATURES OF THE AUTHORITIES

Signed for
Divyang Social Foundation, Akola
Registration No 85/2020
Prof. Vishal V. Korde
(President)

Registration No 85/2020

Witness 1.

Signed for

Jijamata Mahavidyalaya, Buldana

Dr. Prashant P. Kothe

(Principal)

Illamata Mahavidyalaya

Buldana

(Sign with Seal)

Witness 2.

6. Provision for enquiry and information: Human assistance, Reader facility, Scribes in examinations for differently able students.

JIJAMATA MAHAVIDYALAYA BULDANA DIVYANGJAN

2017-18 to 2021-22

| Sr. No | Name of the Students | Class | Gen der | Catego ry | Type of Disability | % of Disabi lity | UDID Card Number | Mo. No |
|-----------|-----------------------------|------------------|------------|--------------|------------------------|------------------------|--------------------|------------|
| | | | | 201 | 7-18 | | | |
| 1 | Priya Baliram Dahibhajan | B.A.III | F | ОВС | Visual Impairment | 100 | 859920424727 | 9689535241 |
| 2 | Ashavini Vilas Jayabhaye | B.A.II | F | NT | Blind | 70 | MH0420719980347710 | 8329984473 |
| 3 | Vicky Bhanudas Shinde | B.A.I | M | OBC | Visual Impairment | 40 | 464670 | 7972370057 |
| 4 | Shital Gopalrao Deshmukh | M. A. II Eco | F | ОВС | Loco motor | 45 | MH0420619920357850 | 9657379021 |
| | | | | 201 | 8-19 | | | |
| 1 | Ashavini Vilas Jayabhaye | B.A.III | F | NT | Blind | 70 | MH0420719980347710 | 8329984473 |
| 2 | Bhavana Kailas Shinkar | B.Sc.I | F | ОВС | Hearing Impairment | 47 | HI50000671927 | 9673414777 |
| 3 | Vicky Bhanudas Shinde | B.A.II | М | OBC | Visual Impairment | 40 | 464670 | 7972370057 |
| | | | | 201 | 9-20 | | | |
| 1 | Bhavana Kailas Shinkar | B.Sc.II | F | OBC | Hearing Impairment | 47 | HI50000671927 | 9673414777 |
| | | | | 202 | 0-21 | | | |
| 1 | Ku. Amruta Vinod Varma | B. Com. | F | OBC | Loco motor | 80 | MH0420620000369640 | 9096577870 |
| 2 | Yash Sunil Suradkar | B. Com. | М | SC | Physical Impairment | 40 | 529072 | 9209871777 |
| 3 | Yogesh Vijay Shelke | M. A. I Eng. | М | NTC | Physical Impairment | 68 | 482412 | 7057815094 |
| 4 | Bhavana Kailas Shinkar | B.Sc.III | F | OBC | Hearing Impairment | 47 | HI50000671927 | 9673414777 |
| 5 | Vikky Bhanudas Shinde | B.A.III | M | OBC | Visual Impairment | 40 | 464670 | 7972370057 |
| | | | | 202 | 1-22 | | | |
| 1 | Ku. Amruta Vinod Varma | B. Com. II | F | OBC | Loco motor | 80 | MH0420620000369640 | 9096577870 |
| 2 | Yash Sunil Suradkar | B. Com. II | М | SC | Physical Impairment | 40 | 529072 | 9209871777 |
| 3 | Yogesh Vijay Shelke | M. A. II Eng. | М | NTC | Physical Impairment | 68 | 482412 | 7057815094 |



Ioincipai Fijamata Malavidyalaya Buldana







Department of Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment, Government of India



Disability Certificate दिनांक-

Issuing Medical Authority, Buldhana. Maharashtra

जात. सारुव/अंपम हि./ 3 कार्यालय जिल्हा सत्य चिकित्सक,बुलडाम्



Certificate No.: MH0420719980347710

Date: 19/11/2009

Inis is to certify that I/we have carefully examined Kum. Ashvini Vilas Jaybhaye, Daughter of Shri Vilas, Date of Birth 25/10/1998, Age 23, Female, Registration No. 2704/00000/2110/1110314, resident of House No. Deulgaon Kundpal - 443302, Sub District Lonar, District Buldhana, State / UT Maharashtra, whose photograph is affixed above, and I am/we are satisfied that:

(A) She is a case of Low Vision

(B) The diagnosis in her case is RE MICROPHTHALMOS LE TYPICAL IRIS COLOBOMA. OLD CERT 70%VI 2009

(C) She has 70%(in figure) Seventy percent(in words) Permanent Disability in relation to her as per the guidelines (Guidenines for the purpose of assessing the extent of specified disability in a person included under RPwD Act, 2016 notified by Government of India vide S.O. 76(E) dated 04/01/2018).

The applicant has submitted the following document(s) as proof of residence:

Nature of Document(s): Aadhaar card

A 4 Southaye

Signature / Thumb Impression of the Person with Disability

Signatory of notified Medical Authority Member(s)



Issuing Medical Authority, Buldhana, Maharashtra

डॉ. एन. व्ही. तडस MD., FCPS, DGO (CPS) जिल्हा शल्य विकित्सक, युलडाणा रजि. नं. 74587

This Card/Certificate is meant to certify the disability of the person and is not an instrument for ID/Address Proof for any purpose.









Department of Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment, Government of India

मार्ज मारुक् अपन हि. 336 १२०२२



Disability Certificate data land

3 1 JAN 2022

Date: 29/08/2008



Certificate No.: MH0420619920357850

This is to certify that I/we have carefully examined Kum. Shital Gopalrav Deshmukh, Daughter of Shri Gopalrav, Date of Birth 15/04/1992, Age 29, Female, Registration No. 2704/00000/2112/2358647, resident of House No. Ambashi - 443201, Sub District Chikhli, District Buldhana, State / UT Maharashtra, whose photograph is affixed

(A) She is a case of Locomotor Disability

above, and I am/we are satisfied that:

(B) The diagnosis in her case is RT PPRP WITH C T E V RT FOOT

(C) She has 45%(in figure) Forty Five percent(in words) Permanent Disability in relation to her as per the guidelines "Guidelines for the purpose of assessing the extent of specified disability in a person included under RPwD Act, 2016 notified by Government of India vide S.O. 76(E) dated 04/01/2018).

The applicant has submitted the following document(s) as proof of residence:

Nature of Document(s): Aadhaar card

February

Signature / Thumb Impression of the Person with Disability

Signatory of notified Medical Authority Member(s)



Issuing Medical Authority, Buldhana, Maharashtra

डी. एन. वर्ग. तडस भव्न. FCPS, DCO (CPS) एका गरब विकित्सक, ब्लवाण

This Card/Certificate is meant to certify the disability of the person and is not an instrument for ID/Address Proof for any purpose.

