

CRITERIA VII

7.1.6: Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions / awards**
- 5. Beyond the campus environmental promotion activities**



**BASELINE ENVIRONMENTAL
ASSESSMENT (2020-21) OF
AZAD MAHAVIDYALAYA, AUSA
AFSAR NAGAR, AUSA TQ. AUSA
DIST. LATUR - 413512**

NAAC Accredited B+
(Affiliated to S.R.T. M. University Nanded)

“Education with a vision in action for minority and rural transformation”

1. Introduction

COLLEGE INTRODUCTION:

Azad Mahavidyalaya, Ausa Accredited B⁺

Azad Mahavidyalaya, Ausa is a multi-faculty grant in aid, co-educational Minority Status College affiliated to Swami Ramanand Teerth Marathwada university.

Hindustani Education Society was established in 1978 by Hon. Late Nawaboddin Bashamiya Shaikh with a great vision. His vision behind the establishment of the society was to uplift the society. He wanted to spread the stream of knowledge to the society living in the villages. His motto was to start 'Education with a vision for minority and rural transformation.' He was a visionary teacher. After serving in different institutes as a teacher he founded Hindustani Education Society in Ausa which was an educationally and economically backward area.

Intentionally he had chosen the backward area to raise the poor people belonging to minority and other backward classes. In the beginning he started a small primary school which has grown now into a huge multi faculty academic institute fulfilling the dreams of thousands of students and their parents. Azad Mahavidyalaya, Ausa was started in September 1991 by Hindustani Education Society. Today we can see the huge change in the life of the society. This was the magic of Late Mr. N.B. Shaikh. Recently in December 2018 he passed away leaving behind his greatness and saint like character to his thousands of teachers and students.

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**List of the institutions run by
Hindustani Education Society, Ausa**

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CORE VALUES

- Pursuit of Excellence
- Integrity and honesty
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- Societal Commitment
- Lifelong Learning
- Ethical Behavior
- Service to mankind
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- Skill based education

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1. COLLEGE VISSION & MISSION:

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OBJECTIVES

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AZAD MAHAVIDYALAYA, AUSA demonstrates its commitment to implement sustainable solutions in different ways. It has taken a number of positive steps to reduce possible environmental impact. The management is keen on accepting new ideas of resource management.

The environmental assessment of an educational institute being carried out in different phases.

- To establish a baseline of existing environmental scenario
- To provide basis for improved sustainability
- To promote environmental awareness through the assessment process
- To create an educational document for future use

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In view of making green and eco-friendly campus the organization has taken an important step to understand the environmental parameters within the campus. This report serves to highlight, the efforts towards greener campus. The first step taken in this direction is establishing a baseline of existing condition.

The different environmental criteria's with their current status, action being taken by an institution and effective ways to improve the actionable points being highlighted in this report. Sensitization of all the stakeholders of an institution towards eco-friendly campus is very crucial at this juncture.

2. Environmental criteria's

2.1. Know green and think green is promoted on the campus

Governance and Leadership

The college has Clear policies, principles or goals that provide direction for staff, administrators, and other members of the campus community. Clear decision-making power and reporting mechanisms with responsibilities to monitor, report, give advice about, and promote action and awareness around environmental sustainability.

Action:

The College currently has an Environmental Advisory Committee (EAC), which is composed of members each from different stake holders of the college. It is co-chaired by a student and by the head of facilities. The EAC has been very active in discussing and advising the College on campus sustainability issues.

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Environmental Advisory Committee (EAC) –(2019- 2020)

SN	Name of the Committee Member	Designation
1	DR. A.V. Pathan	Chairman
2	Dr. S. S. Korde	Member
3	Dr. N. I. Ansari	Member
4	Dr. G. D. Tingare	Member
5	Shri.S.M. Shaikh	Non-Teaching Member
6	Inamdar Adiba Firdos Bsc TY	Student Member
7	Suryawanshi Lakhan Mohan Bsc TY	Student Member

Since commencement, the committee has discussed such topics as campus energy use, recycling, reduce use of plastic, composting of dining hall waste, saving water and sustainable use of resources.

2.2 Dining

The college campus accommodates 950 members including students and staff. The college authorities have appointed a food supply vender within the campus area. Due to Covid-19 pandemic the entire function of the college was through online platform, so there was no physical utilization of the campus.

Action: The waste dumping site has been created and then it being collected by Nagarpanchayat system of garbage collection. (**see annexure no. 1**) to collect this organic waste from dining facilities on daily basis. Only few staff members were present in the campus due to Covid-19 pandemic.

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2.3 Water conservation and prevention of water wastage

The source of water for the college is ground water (Bore well) for drinking and other uses. The college has water filters with 300lit/hour capacity and filter water supplied through 1 water cooler within the premises for drinking purposes. The water quality monitoring is being done regularly. The water consumption within the campus is controlled by campus authority. The storage tanks are as follows

Underground tanks: 2: capacity – 4,000 lits

Overhead tank 2: Capacity - 01 Nos.- 5000 lits and 01 Nos. – 1000 lits

So total water storage capacity 10,000 Litters

Due to Covid-19 pandemic the entire function of the college through online platform, so there was no physical utilization of the campus.

S.No	Activity	Utilization (Student + staff)	Total lits(Approx.)
1	Drinking	x approximately 2lit	20
2	Toilet	x approximately 3lit	100
3	Laboratories	5 labs x 20 students x approximately 5lits x 2 batches	
4	Watering plants		500
5	Spraying on play ground		
6	Canteen area		
			620

Action:

1) Maintenance activities being carried out in this period.

2.4 Solid waste management

Due to Covid-19 pandemic the entire function of the college was through online platform, so there was no physical utilization of the campus.

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S.No	Activity	Utilization (Student + staff)	Total kg.
1	Classroom 20 + Seminar Hall 2 + Staffroom 3 + Girls & Boys common room 2 + Sport room 1 + Training Placement cell 1 + Exam section 1 + Reception area 1+ Sport complex (Auditorium) 1	Dustbin 34 x 300gms	kg approximately
2	Laboratories 6 + Chemical store 1	Labs 7 x 250 gms	kg approximately
3	Canteen	Students & staff used for snacks or meal	kg approximately
4	Sweeping and cleaning	Campus	2 kg approximately
5	Admin block	All offices	1 kg approximately
			3 kg approximately

Action:

1) Maintenance activities were carried out in this period.

Hazardous waste management

Due to Covid-19 pandemic the entire function of the college was through online platform, so there was no physical utilization of the campus.

Action:

Maintenance and cleaning carried out during this period.

E-waste management

Due to Covid-19 pandemic the entire function of the college through online platform, so there was physical utilization of the campus.

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2.5 Carbon dioxide neutrality

Carbon dioxide neutrality has been maintained on the campus by developing greenery with available plants. The 10 to 40 % area is occupied by greenery by different type of plants. The list attached with its significance. (**See annexure no. 5**).

This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards. This also helps in ensuring that the Environmental Policy is enacted, enforced and reviewed using various environmental awareness programme.

Campus is located in the vicinity of various (species) trees.

Action:

1) The campus is situated in such an area that there is no any other type of disturbance.

2) An indoor atmosphere is designed to be well ventilated that airflow mixing of fresh/outdoor air is continuous.

3) Specific strategies and plans in place in order to reduce transportation impacts.

a) The layout of the campus is relatively open with much green space, thus Keeping the amount of impermeable surface area below 50%

b) The college has a canopy of trees and plants that make the environment healthy.

c) Plants were selected with low maintenance requirements and that otherwise fit the local ecosystem (i.e. provide habitat for native species of insects and birds).

d) At present the indigenous trees are dominant all over the campus. The medicinal plants planted and maintained in the campus (List attached). Some plants

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mentioned in list of medicinal plants are really important. The college has developed and maintained “Environment Interpretation Centre” which is being utilized for educational and research purpose.

2.6 Campus Culture and Environmental Awareness

The college has aim to educate all students in the area of environmental studies in an interdisciplinary framework, and provide adequate training for those students who wish to pursue environmental research in accordance with engineering or environmentally-related career choices.

Action:

- 1) College has developed a clear assessment of the environmental studies curriculum for faculty, students, and administration.
- 2) Due to Covid-19 pandemic the entire function of the college was through online platform, so there was no physical activity in the campus.
- 3) College has developed its own environmental policy for the campus and displayed it everywhere.

Environment Policy

We are committed to protect Environment, Occupational Health and Safety of all through our work and activities. We Endeavour to...

Azad Mahavidyalaya is committed to reduce its impact on the environment. We will strive to improve our environmental performance over time and to initiate additional projects and activities that will further reduce our impacts on the environment.

Our commitment to the environment extends to our students, our staff, and the community in which we operate. We are committed to:

- 1) Comply with all applicable environmental regulations.

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- 2) Prevent pollution whenever possible.
- 3) Minimizing waste by reviewing purchasing practices and segregating wastes for reuse and recycling.
- 4) Purchase and use environmentally responsible (recyclable, refurbished, etc.) products from environmentally responsible suppliers (i.e. suppliers who emphasize the need for renewable energy supplies).
- 5) Train all of our staff on our environmental program and empower them to contribute and participate.
- 6) Continually improve over time by striving to measure our environmental impacts and by setting goals to reduce these impacts each year.

As per the policy guidelines the institution is implementing

- 1) College is implementing Environmental Module as prescribed by the Swami Ramanand Tirth Marathwada University Nanded.
- 2) Organization of various seminars & workshops on regular basis

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3. General Recommendations:

- The College can develop mechanism for monitoring and reporting of energy, water and other resource usage.
- College should continue to work towards composting post-consumer food waste generated by the dining areas. In order to help reduce the large amount of post-consumer food waste, the College should provide better labeling and more self-service options and work to educate students about food waste.
- The college should continue to stay with current chemical products that may have a minimal environmental impact and make this an explicit formal goal.
- Any future increases in servers should be consolidated in one “machine room,” rather than building another on campus with the same high maintenance requirements. Additionally, when the College’s phone system is replaced, the central system could also be consolidated in this space.
- The EAC should continue making decisions with respect to continuous input, interests and commitments of the students, participating faculty, and administration.
- Display health, hygiene, general maintenance and safety should be maintained
- Chemistry department should encourage “Green Chemistry” program.
- Environment Awareness programmes and Environmental field visits should be arranged on more frequent basis for Hands on Experience.

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4. Conclusions

The findings of this report show that the college performs fairly well on sustainability issues. The college does consider the environmental impacts of most of its actions and makes a concerted effort to act in an environmentally responsible manner. In conversations with faculty, staff, and administration at the college, a major theme has been the improvements made over the last many years in how the college performs environmentally.

Even though the college does perform fairly well, the recommendations in this report highlights many ways in which the college can work to improve its actions and become a more sustainable institution.

In this section, the recommendations are ranked in terms of priority.

4.1 The high priority recommendations are:

- Continue working towards composting the post-consumer food waste generated by the dining halls.
- Adopt the proposed Environmentally Responsible Purchasing Policy, and work towards creating and implementing a strategy to reduce the environmental impact.
- With regards to the concerns mentioned in this report, the College should consider adopting specific goals and targets in its pursuit of sustainability.

4.2 The medium priority recommendations are:

- Look towards meeting different environmental standards.
- Develop explicit policies concerning the impact of new construction on impervious surface area and runoff.

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- Continue to stay with chemical products that may have a minimal environmental impact and make this an explicit formal goal.
- Continue to support the work of the EAC and should ensure that its recommendations are considered carefully and in a timely manner through the appropriate chain of command.

4.3 The minor and future concerns are:

- Encourage student project on environmental footprint for College.
- Continue expanding research program to better educate students about natural history and college role in preserving biodiversity and optimum utilization of natural resources.
- Increase price for parking charges and implement it across all types of employees, faculty, and students in order to encourage use of public transport.

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Annexure No1.



Solid waste collection bins



Nagarpanchayat Solid waste Collection System

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Annexure 2



Installation of Rain water harvesting system



Soak Pit

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Annexure 3



Commitment towards sustainable use of resources



Commitment towards ecofriendly actions

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Annexure 4



Completion of Rain water Harvesting System during lock down period (Covid)



Completion of Scientific Composting pit during lock down period (Covid)

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Interactive walls in the college premises



E-waste management facility created during lock down period(Covid)

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Annexure 5

Plants Species In Campus

Sr.No.	Local Name	Botanical Name/ scientific name
1	Ashoka Tree	Saraca asoka
2	Gulmohar	Royal poinciana
3	Subabhdul	Leucaena leucocephala
4	Nandurki	Ficus retusa
5	Royal palm tree	Roystonea regia
6	Sacred fig/ pimple	Ficus religiosa
7	Banyan tree/ wad	Ficus bengalensis
8	Indian almond	Terminalia catappa
9	Neem tree	Azadirachta indica
10	Mango tree	Mangifera indica
11	Karanjgi	Millettia
12	Chinch	Tamarindus indica
13	Ramphal	Annona reticulata





उन्नत भारत अभियान Unnat Bharat Abhiyan

सुशिक्षित भारत - स्वस्थ भारत - स्वच्छ भारत -स्वावलंबी भारत - संपन्न भारत



मैकॅनिकल वेट्रीला प्रकल्प



नलत कावळसाधन



बीओगॅसपयोजी कलकलकुट्टीच्या वस्तुनि उपायन



प्राथमिक सर्वसाधारण सुविधा



सीर ऊर्जा प्रकल्प

वरील उपकरणांमध्ये सहभाग घेण्याकरीता व ग्रामीण भागाचा विकास करण्याकरीता आपले योगदान आवश्यक आहे

- उन्नत भारत अभियान हे मानव संसाधन विकास मंत्रालय, भारत सरकार यांचा प्रमुख उपक्रम आहे.
- देशातील उच्च शिक्षण संस्थांनी ग्रामीण भागाचा विकास करण्याकरीता आपल्या परिसरातील गावांना दत्तक घेतले जावे.
- महाविद्यालयीन विद्यार्थी व कर्मचारी यांनी जिल्हा प्रशासनामध्ये आपला सहभाग नोंदवून ग्रामीण विकासाच्या योजनेमध्ये आपले योगदान द्यावे.

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Parking

Annexure 6



Green campus of college

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Awareness



Pollution Prevention day



Conference on environment

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Seminar on geography



Awareness program on LPG and its utilization

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Motivated staff members utilizing Bicycle



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- To provide basis for improved sustainability
- To promote environmental awareness through the assessment process
- To create an educational document for future use

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In view of making green and eco-friendly campus the organization has taken an important step to understand the environmental parameters within the campus. This report serves to highlight, the efforts towards greener campus. The first step taken in this direction is establishing a baseline of existing condition.

The different environmental criteria with their current status, action being taken by an institution and effective ways to improve the actionable points being highlighted in this report. Sensitization of all the stakeholders of an institution towards eco-friendly campus is very crucial at this juncture.

2. Environmental criteria's

2.1. Know green and think green is promoted on the campus

Governance and Leadership

The college has Clear policies, principles or goals that provide direction for staff, administrators, and other members of the campus community. Clear decision-making power and reporting mechanisms with responsibilities to monitor, report, give advice about, and promote action and awareness around environmental sustainability.

Action:

The College currently has an Environmental Advisory Committee (EAC), which is composed of members each from different stake holders of the college. It is co-chaired by a student and by the head of facilities. The EAC has been very active in discussing and advising the College on campus sustainability issues.

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Environmental Advisory Committee (EAC) –(2019- 2020)

SN	Name of the Committee Member	Designation
1	DR. A.V. Pathan	Chairman
2	Dr. S. S. Korde	Member
3	Dr. N. I. Ansari	Member
4	Dr. G. D. Tingare	Member
5	Shri. S.M. Shaikh	Non-Teaching Member
6	Birajdar Devika Sudhakar Bsc TY	Student Member
7	Salunke Poonam Dinkar Bsc Ty	Student Member

Since commencement, the committee has discussed such topics as campus energy use, recycling, reduce use of plastic, composting of dining hall waste, saving water and sustainable use of resources.

2.2 Dining

The college campus accommodates 970 members including students and staff. The college authorities have appointed a food supply vender within the campus area. On an average approximately 330 students and staff utilizing these dining facilities on working days.

Action: Steps were taken to reduce pre-consumer and post-consumer food waste, by making connections with food pantries and providing better labeled, made-to-order dishes. For the post-consumer food, the remaining waste being given to vendor with official agreement. The garbage being properly collected through well designed network of garbage collection bins throughout campus. The waste dumping site has been created and then it is being collected by Nagarpanchayat system of

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garbage collection. (See annexure no. 1) to collect this organic waste from dining facilities on daily basis. The snacks items being served in paper plates. Plastic being avoided strictly.

2.3 Water conservation and prevention of water wastage

The source of water for the college is ground water (Bore well) for drinking and other uses. The college has water filters with 300lit/hour capacity and filter water supplied through 1 water cooler within the premises for drinking purposes. The water quality monitoring is being done regularly. The water consumption within the campus is controlled by campus authority. The storage tanks are as follows

Underground tanks: 2: capacity – 4,000 lits

Overhead tank 2: Capacity - 01 Nos.- 5000 lits and 01 Nos. – 1000 lits

So total water storage capacity 10,000 Litters

The approximate water uses on any working day during work hours can be summarized as follows.

S.No	Activity	Utilization(Student + staff)	Total lits(Approx.)
1	Drinking	970 x approximately 2lit	1940
2	Toilet	970 x approximately 3lit	2910
3	Laboratories	5 labs x 20 students x approximately 5lits x 2 batches	1000
4	Watering plants		500
5	Spraying on play ground		300
6	Canteen area		1000
			7,650

Action:

- 1) Awareness on minimum and adequate water use.
- 2) Regular water quality monitoring. (Water & Waste water)

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- 3) Well planned experimental schedule of different classes. Laboratory waste water discharged into soak pit. (**See annexure no. 2**)
- 4) The design of urinals(Indian & western (Washrooms, Urinals & Latrines 35 (Girls, Boys & staff) was made in such way that it gives minimum wastage of water. Drainage water from urinals and canteen discharged into septic tank.
- 5) Watering to plants being done by manual sprinklers.
- 6) Ensuring the implementation of water saving devices and techniques.
- 7) Sewage water of campus being collected and discharged into soak pit.

2.4 Solid waste management

The college working hours is from 9.00am to 6.00pm. There are different activities and projects being implementing in different subjects. The number of students in the campus along with staff members goes to approximately 970 The daily solid waste being generated in the camps categorized in the following way.

Sr. No	Activity	Utilization (Student + staff)	Total kg.
1	Classroom 20 + Seminar Hall 2 + Staffroom 3 + Girls & Boys common room 2 + Sport room 1 + Training Placement cell 1 + Exam section 1 + Reception area 1+ Sport complex (Auditorium) 1	Dustbin 34 x 300gms	11 kg approximately
2	Laboratories 6 + Chemical store 1	Labs 7 x 250 gms	2 kg approximately
3	Canteen	Students & staff used for snacks or meal	3 kg approximately
4	Sweeping and cleaning	Campus	2 kg approximately
5	Admin block	All offices	1 kg approximately
			19 kg approximately

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Action:

- 1) The college has been recognized by Municipal Council for effective contribution in Solid waste Management (**See annexure no. 3**)
- 2) Usage of recycled paper bags was promoted among students by displaying boards like 'Say No to Plastic' (**See annexure no. 3**)
- 2) Reduce – Reuse – Recycle methods are followed – Different type of chemicals from different laboratories and chemical stores being returned to respective vendor after date expiry.
- 3) Office paper waste being collected and given to vendor for recycling on annual basis.
- 4) Examination paper being retained in the institution for 3 years and then given to vendor for shredding which in turn being sent for pulping for generating recycle paper.
- 5) The collection bins are made for specific types of waste.
- 6) The number of printouts has been reduced from admin blocks and computer laboratories.
- 7) The college has promoted use of Google drive to share common academic records for day-to-day functioning to reduce paper.

Hazardous waste management

The college authorities are well aware about the monitoring and management of chemical-intensive process. This process considers toxicity, downstream impacts, staff safety, cost and packaging.

Action:

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- 1) The college performs well in terms of custodial chemical use, monitoring their use, minimizing their impact, and keeping employees and others safe.
- 2) All the chemicals are bought from chemical supply vendors, by contracting on annual basis. The college reduces costs, limits inventory, limits overuse, and help maintain consistent chemicals (consistency helps keep workers safe).
- 3) The college now is working with some more initiatives, environmentally friendly products such as oxidation products, citric acid-based products, use of Microwave synthesizer, safe solvents, minimizing synthetic steps for chemical synthesis (Green Chemistry Initiatives).
- 4) The attempt being made to accept recyclable packaging material while purchasing chemicals.
- 5) Laboratory staff members are all well trained by the vendor twice a year to make sure that all staff members are familiar with the chemicals and know how to handle each chemical safely (Reference: Material Safety Data Sheet) Each bottle of chemical has an identical label for each type of bottle it may be found in, so that there isn't confusion over what exactly is in a particular bottle.

E-waste management

The college has a system to collect e-waste separately in specially designated bin. The specific authorized vendor Sam Computeronix has been contracted to for collection and disposal. **(See annexure no. 4)**

2.5 Carbon dioxide neutrality

Carbon dioxide neutrality has been maintained on the campus by developing greenery with available plants. The 10 to 40 % area is occupied by greenery by different type of plants. The list attached with its significance. **(See annexure no. 5).**

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This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards. This also helps in ensuring that the Environmental Policy is enacted, enforced and reviewed using various environmental awareness programme.

Campus is located in the vicinity of various (species) trees. Various tree plantation programs are being organized during the month of July and August at college campus and surrounding villages through NSS unit. This program helps in encouraging eco-friendly actions in the environment which provides pure oxygen within the institute and awareness among citizens. The organization is keen on providing hands on experience to students by providing opportunity to participate in various government initiatives. Students are in real sense being connected to the community at large. The organization has decided to adopt certain villages and to work for rural development purpose (**See annexure no. 5**).

Action:

- 1) The campus is situated in such an area that there is no any other type of disturbance.
- 2) An indoor atmosphere is designed to be well ventilated that airflow mixing of fresh/outdoor air is continuous.
- 3) Specific strategies and plans in place in order to reduce transportation impacts.
 - A) Parking slot for students (800 bikes) maintained at the main entrance to restrict the traffic movement in the campus. (**See annexure no. 5**).
 - B) Awareness among the students was increased to use public transport.
 - c) The layout of the campus is relatively open with much green space, thus Keeping the amount of impermeable surface area below 50%

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d) The college has a canopy of trees and plants that make the environment healthy. **(See annexure no. 5).**

e) Plants were selected with low maintenance requirements and that otherwise fit the local ecosystem (i.e. provide habitat for native species of insects and birds).

f) At present the indigenous trees are dominant all over the campus. The medicinal plants planted and maintained in the campus (List attached). Some plants mentioned in list of medicinal plants are really important. The college has developed and maintained “Environment Interpretation Centre” which is being utilized for educational and research purpose.

2.6 Campus Culture and Environmental Awareness

The college has aim to educate all students in the area of environmental studies in an interdisciplinary framework, and provide adequate training for those students who wish to pursue environmental research in accordance with engineering or environmentally-related career choices. **(See annexure no. 6).**

Action:

- 1) College has developed a clear assessment of the environmental studies curriculum for faculty, students, and administration.
- 2) The college undertakes various activities through effective use of ongoing schemes like N.S.S., through Earn and learns Scheme. In these schemes students work like beautification of campus, water and power management. The biodegradable and non-biodegradable waste segregation. To create eco-

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friendly awareness among the students, college arranges special programmes by inviting the eminent personalities, who in turn train and educate stake holders. Students are encouraged to participate in eco-friendly activities by making the activities of eco-club part of the curriculum.

3) College authorities have created an atmosphere of awareness and sense of responsibility within the campus regarding environmental issues. Engaged students, faculty, staff and administration in cooperative analysis and response to these issues.

4) College has developed its own environmental policy for the campus and displayed it everywhere.

Environment Policy

We are committed to protect Environment, Occupational Health and Safety of all through our work and activities. We Endeavour to...

Azad Mahavidyalaya is committed to reduce its impact on the environment. We will strive to improve our environmental performance over time and to initiate additional projects and activities that will further reduce our impacts on the environment.

Our commitment to the environment extends to our students, our staff, and the community in which we operate. We are committed to:

- 1) Comply with all applicable environmental regulations.
- 2) Prevent pollution whenever possible.
- 3) Minimizing waste by reviewing purchasing practices and segregating wastes for reuse and recycling.
- 4) Purchase and use environmentally responsible (recyclable, refurbished, etc.) products from environmentally responsible suppliers (i.e. suppliers who emphasize the need for renewable energy supplies).
- 5) Train all of our staff on our environmental program and empower them to contribute and participate.

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- 6) Continually improve over time by striving to measure our environmental impacts and by setting goals to reduce these impacts each year.

As per the policy guidelines the institution is implementing

- 1) College is implementing Environmental Module as prescribed by the Swami Ramanand Tirth Marathwada University Nanded.
- 2) Organization of various seminars & workshops on regular basis

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3. General Recommendations:

- The College can develop mechanism for monitoring and reporting of energy, water and other resource usage.
- College should continue to work towards composting post-consumer food waste generated by the dining areas. In order to help reduce the large amount of post-consumer food waste, the College should provide better labeling and more self-service options and work to educate students about food waste.
- The college should continue to stay with current chemical products that may have a minimal environmental impact and make this an explicit formal goal.
- Any future increases in servers should be consolidated in one “machine room,” rather than building another on campus with the same high maintenance requirements. Additionally, when the College’s phone system is replaced, the central system could also be consolidated in this space.
- The EAC should continue making decisions with respect to continuous input, interests and commitments of the students, participating faculty, and administration.
- College should take efforts by putting Environment awareness slogans on the walls to inculcate values on student’s mind.
- Display health, hygiene, general maintenance and safety should be maintained
- Chemistry department should encourage “Green Chemistry” program.
- Environment Awareness programmes and Environmental field visits should be arranged on more frequent basis for Hands on Experience.

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4. Conclusions

The findings of this report show that the college performs fairly well on sustainability issues. The college does consider the environmental impacts of most of its actions and makes a concerted effort to act in an environmentally responsible manner. In conversations with faculty, staff, and administration at the college, a major theme has been the improvements made over the last many years in how the college performs environmentally.

Even though the college does perform fairly well, the recommendations in this report highlights many ways in which the college can work to improve its actions and become a more sustainable institution.

In this section, the recommendations are ranked in terms of priority.

4.1 The high priority recommendations are:

- Continue working towards composting the post-consumer food waste generated by the dining halls.
- Adopt the proposed Environmentally Responsible Purchasing Policy, and work towards creating and implementing a strategy to reduce the environmental impact.
- With regards to the concerns mentioned in this report, the College should consider adopting specific goals and targets in its pursuit of sustainability.

4.2 The medium priority recommendations are:

- Look towards meeting different environmental standards.
- Develop explicit policies concerning the impact of new construction on impervious surface area and runoff.

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- Continue to stay with chemical products that may have a minimal environmental impact and make this an explicit formal goal.
- Continue to support the work of the EAC and should ensure that its recommendations are considered carefully and in a timely manner through the appropriate chain of command.

4.3 The minor and future concerns are:

- Encourage student project on environmental footprint for college.
- Continue expanding research program to better educate students about natural history and college role in preserving biodiversity and optimum utilization of natural resources.
- Increase price for parking charges and implement it across all types of employees, faculty, and students in order to encourage use of public transport.

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Annexure No1.



Solid waste collection bins



Nagarpanchayat Solid waste Collection System

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औसा नगर परिषद कार्यालय, औसा जि. लातूर.

फोन नं. 02383-272023 फॅक्स नं. 18862332055

वेब : www.ousa.org

E-mail ID - mcausa1956@gmail.com

ज.क.

To,

Principal Azad Mahavidyalaya,

Ausa Dist. Latur

Subject: As per your request sending ghanta gadi to collect solid waste

दिनांक :- 13/8/2017



As per your requested dated 12/08/2017 Municipal council, AUSA is agreed to send ghanta gadi on following schedule.

Sr.no.	day	Contact person/driver
1	Wednesday	Majidali 9890376744
2	Saturday	


President
Municipal Council AUSA

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Annexure 2



Installation of Rain water harvesting system



Soak Pit

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Annexure 3



Plastic free campaign



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Annexure 4



E-waste vendor

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Annexure 5

Plants Species In Campus

Sr.No.	Local Name	Botanical Name/ scientific name
1	Ashoka Tree	Saraca asoka
2	Gulmohar	Royal poinciana
3	Subabhdul	Leucaena leucocephala
4	Nandurki	Ficus retusa
5	Royal palm tree	Roystonea regia
6	Sacred fig/ pimple	Ficus religiosa
7	Banyan tree/ wad	Ficus bengalensis
8	Indian almond	Terminalia catappa
9	Neem tree	Azadirachta indica
10	Mango tree	Mangifera indica
11	Karanjgi	Millettia
12	Chinch	Tamarindus indica
13	Ramphal	Annona reticulata





उन्नत भारत अभियान Unnat Bharat Abhiyan

सुशिक्षित भारत - स्वस्थ भारत - स्वच्छ भारत -स्वावलंबी भारत - संपन्न भारत



मैकॅनिकल वेट्रीला प्रकल्प



नलत कावळसाधन



बीओगॅसपयुती कलकलकुटुरीय्वा वस्तुनि उत्पादन



प्राथमिक सर्वसाधारण सुविधा



सीर ऊर्जा प्रकल्प

वरील उपकामांमध्ये सहभाग घेण्याकरीता व ग्रामीण भागाचा विकास करण्याकरीता आपले योगदान आवश्यक आहे

- उन्नत भारत अभियान हे मानव संसाधन विकास मंत्रालय, भारत सरकार यांचा प्रमुख उपक्रम आहे.
- देशातील उच्च शिक्षण संस्थांनी ग्रामीण भागाचा विकास करण्याकरीता आपल्या परिसरातील गावांना दत्तक घेतले जावे.
- महाविद्यालयीन विद्यार्थी व कर्मचारी यांनी जिल्हा प्रशासनामध्ये आपला सहभाग नोंदवून ग्रामीण विकासाच्या योजनांमध्ये आपले योगदान द्यावे.

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Parking

Annexure 6



Green campus of college

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Tree plantation



Tree plantation

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Awareness



World Earth Day Celebration



Wall Paper Activity

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Water Management



Geography tour

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“Education with a vision in action for minority and rural transformation”



**BASELINE ENVIRONMENTAL
ASSESSMENT (2018-19) OF
AZAD MAHAVIDYALAYA, AUSA
AFSAR NAGAR, AUSA TQ. AUSA
DIST.LATUR - 413512**

NAAC Accredited B+
(Affiliated to S.R.T. M. University Nanded)

“Education with a vision in action for minority and rural transformation”

1. Introduction

COLLEGE INTRODUCTION:

Azad Mahavidyalaya, Ausa Accredited B⁺

Azad Mahavidyalaya, Ausa is a multi-faculty grant in aid, co-educational Minority Status College affiliated to Swami Ramanand Teerth Marathwada university.

Hindustani Education Society was established in 1978 by Hon. Late Nawaboddin Bashamiya Shaikh with a great vision. His vision behind the establishment of the society was to uplift the society. He wanted to spread the stream of knowledge to the society living in the villages. His motto was to start 'Education with a vision for minority and rural transformation.' He was a visionary teacher. After serving in different institutes as a teacher he founded Hindustani Education Society in Ausa which was an educationally and economically backward area.

Intentionally he had chosen the backward area to raise the poor people belonging to minority and other backward classes. In the beginning he started a small primary school which has grown now into a huge multi faculty academic institute fulfilling the dreams of thousands of students and their parents. Azad Mahavidyalaya, Ausa was started in September 1991 by Hindustani Education Society. Today we can see the huge change in the life of the society. This was the magic of Late Mr. N.B. Shaikh. Recently in December 2018 he passed away leaving behind his greatness and saint like character to his thousands of teachers and students.

workshops and seminar. It has an almost 600 research paper publication by faculty members and some faculties has filed/applied for patents.

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**List of the institutions run by
Hindustani Education Society, Ausa**

Sr.No.	Name
1	Azad Mahavidyalaya, Ausa. (Degree college)
2	Azad Jr. College, Ausa.
3	Sharadchandra Mahavidyalaya, Shiradhon. (Degree college)
4	Khaja Nasiruddin Jr. College, Shiradhon.
5	Khaja Nasiruddin Primary School, Shiradhon. (Urdu Medium)
6	Khaja Nasiruddin Primary School, Shiradhon. (Marathi Medium)
7	Khaja Nasiruddin High School, Shiradhon. (Urdu Medium)
8	Khaja Nasiruddin High School, Shiradhon. (Marathi Medium)
9	Azeem Jr. College, Ausa.
10	Azeem ITI, Ausa.
11	Azeem MCVC Vocational College, Ausa.
12	Azeem Primary School, Ausa. (Urdu Medium)
13	Azeem primary School, Ausa. (Marathi Medium)
14	Azeem High School, Ausa. (Urdu Medium)
15	Azeem High School Ausa. (Marathi Medium)
16	Naaz D.Ed. College, Ausa. (Urdu Medium)
17	Naaz D.Ed. College, Ausa. (Marathi Medium)
18	Azad B.Ed. College, Ausa. (Marathi Medium)
19	Azad M.Ed. College Ausa. (Marathi Medium)
20	N.B.S. Polytechnic, Ausa.
21	N.B.S. Institute of Pharmacy, Ausa.
22	Afsar Primary School, Ausa. (Urdu Medium)

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23	Pundit Jawaharlal Nehru Jr. College, Yakatpur.
24	Pundit Jawaharlal Nehru High School, Yakatpur.

CORE VALUES

- Pursuit of Excellence
- Integrity and honesty
- Diversity and Mutual Respect
- Expand horizons of knowledge
- Transparency in Governance
- Societal Commitment
- Lifelong Learning
- Ethical Behavior
- Service to mankind
- National Integrity
- Education with love and humanity
- Skill based education

List of Achievements

- College received B+ Grade with CGPA 2.67 in II cycle accreditation by NAAC on 10 Jan 2016
- College received B Grade with 76.72 % marks in Academic Audit conducted by Swami Ramanand Teerth Marathwada University Nanded in the month March 2020

Perspective Plan

- To introduce certificate courses (Every Year)
- To introduce moral and value-added program (2022-23 to 2025-26)
- To start PG program in Zoology, Geography and Physics (2023-2024)
- To start Bridge and remedial Courses (Every Year)
- To arrange programs for slow and advanced learners (Every Year)
- To develop e-content modules (2024-2025)
- To Sign MOUs with international institutes (2025-2026)

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- To acquire recognition to Physics department as a recognized research centre (2025-2026)
- To send major research proposals to DST and UGC (2022-2023)
- To arrange activities of Red Ribbon Club (Every Year)
- To acquire DBT Star College Status (2024-2025)
- To acquire DST FIST College Status (2024-2025)
- To organize Collaborative events (Every Year)
- To enhance Student / Faculty Exchange Programmes (Every Year)
- To initiate start-up on college under incubation centre (2025-2026)
- To construct annex building (2024-2025)
- To construct new departmental cabins (2022-2023)
- To install CCTV surveillance system in classrooms (2023-2024)
- To complete 100% computerization of library (2024-2025)
- To convert all classrooms into ICT based classrooms (2025-2026)
- To collect Rs five lakh as Alumni Fund (2025-2026)
- To organize national level sports events (2024-2025)
- To provide a Free Wi-Fi facility to students by leased line (2025-2026)
- To provide free accommodation facilities to poor students in the hostel. (2025-2026)
- To arrange campus placement drives - (2023 onwards)
- To organize international level conferences/seminars in Physics and English (2024-2025)
- To Participate in NIRF (Every Year)
- To go for academic and administrative audit (2024-2025)
- To strengthen IQAC (Every Year)
- To organize professional development activities such as refresher/ orientation courses in college (2025-2026)
- To strengthen Azad Merit Scholarship scheme (Every Year)
- To initiate the "Earn while Learn scheme". (2024-2025)

1. COLLEGE VISSION & MISSION:

VISION

“Education with a vision in action for minority and rural transformation.”

“Education with a vision in action for minority and rural transformation”

MISSION

To impart higher education for all round development of students making them self-reliance and responsible citizen of India.

2. OBJECTIVE OF THE COLLEGE:

OBJECTIVES

- To promote excellence in education.
- To encourage research culture and work culture
- To Inculcate national, human and moral values among students
- To provide education to rural students
- To encourage teachers for quality improvements.
- To make persistence efforts for the overall development of all the languages such as Urdu, English, Hindi and Marathi.
- To stimulate the academic environment by providing necessary advance facilities to the Students of higher education in the era of globalization.
- To develop harmony and Co-ordination among students, parents, teachers and management.
- To develop Self-sufficiency and confidence among the students

AZAD MAHAVIDYALAYA, AUSA demonstrates its commitment to implement sustainable solutions in different ways. It has taken a number of positive steps to reduce possible environmental impact. The management is keen on accepting new ideas of resource management.

The environmental assessment of an educational institute being carried out in different phases.

- To establish a baseline of existing environmental scenario
- To provide basis for improved sustainability
- To promote environmental awareness through the assessment process
- To create an educational document for future use

“Education with a vision in action for minority and rural transformation”

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The different environmental criteria's with their current status, action being taken by an institution and effective ways to improve the actionable points being highlighted in this report. Sensitization of all the stakeholders of an institution towards eco-friendly campus is very crucial at this juncture.

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2.1. Know green and think green is promoted on the campus

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The college has Clear policies, principles or goals that provide direction for staff, administrators, and other members of the campus community. Clear decision-making power and reporting mechanisms with responsibilities to monitor, report, give advice about, and promote action and awareness around environmental sustainability.

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2	Dr. S. S. Korde	Member
3	Dr. N. I. Ansari	Member
4	Dr. G. D. Tingare	Member
5	Shri.S.M. Shaikh	Non-Teaching Member
6	Gadekar Pooja Ramakant, BSc SY	Student Member
7	Surwase Ajit Janardhan, BSc TY	Student Member

Since commencement, the committee has discussed such topics as campus energy use, recycling, reduce use of plastic, composting of dining hall waste, saving water and sustainable use of resources.

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The college campus accommodates 1100 members including students and staff. The college authorities have appointed a food supply vender within the campus area. On an average approximately 330 students and staff utilizing these dining facilities on working days.

Action: Steps were taken to reduce pre-consumer and post-consumer food waste, by making connections with food pantries and providing better labeled, made-to-order dishes. For the post-consumer food, the remaining waste being given to vendor with official agreement. The garbage being properly collected through well designed network of garbage collection bins throughout campus. The waste dumping site has been created and then it is being collected by Nagarpanchayat system of

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2.3 Water conservation and prevention of water wastage

The source of water for the college is ground water (Bore well) for drinking and other uses. The college has water filters with 300lit/hour capacity and filter water supplied through 1 water cooler within the premises for drinking purposes. The water quality monitoring is being done regularly. The water consumption within the campus is controlled by campus authority. The storage tanks are as follows

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Overhead tank 2: Capacity - 01 Nos.- 5000 lits and 01 Nos. – 1000 lits

So total water storage capacity 10,000 Litters

The approximate water uses on any working day during work hours can be summarized as follows.

S.No	Activity	Utilization(Student + staff)	Total lits(Approx.)
1	Drinking	1100 x approximately 2lit	2200
2	Toilet	1100 x approximately 3lit	3300
3	Laboratories	5 labs x 20 students x approximately 5lits x 2 batches	1000
4	Watering plants		500
5	Spraying on play ground		300
6	Canteen area		1000
			8,300

Action:

- 1) Awareness on minimum and adequate water use.
- 2) Regular water quality monitoring. (Water & Waste water)

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- 3) Well planned experimental schedule of different classes. Laboratory waste water discharged into soak pit. (**See annexure no. 2**)
- 4) The design of urinals(Indian & western (Washrooms, Urinals & Latrines 35 (Girls, Boys & staff) was made in such way that it gives minimum wastage of water. Drainage water from urinals and canteen discharged into septic tank.
- 5) Watering to plants being done by manual sprinklers.
- 6) Ensuring the implementation of water saving devices and techniques.
- 7) Sewage water of campus being collected and discharged into soak pit.

2.4 Solid waste management

The college working hours is from 9.00am to 6.00pm. There are different activities and projects being implementing in different subjects. The number of students in the campus along with staff members goes to approximately 1100 The daily solid waste being generated in the camps categorized in the following way.

S.No	Activity	Utilization(Student + staff)	Total kg.
1	Classroom 20 + Seminar Hall 2 + Staffroom 3 + Girls & Boys common room 2 + Sport room 1 + Training Placement cell 1 + Exam section 1 + Reception area 1+ Sport complex(Auditorium) 1	Dustbin 34 x 300gms	11 kg approximately
2	Laboratories 6 + Chemical store 1	Labs 7 x 250 gms	2 kg approximately
3	Canteen	Students & staff used for snacks or meal	3 kg approximately
4	Sweeping and cleaning	Campus	2 kg approximately
5	Admin block	All offices	1 kg approximately
			21 kg approximately

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Action:

- 1) The college has been recognized by Municipal Council for effective contribution in Solid waste Management (**See annexure no. 3**)
- 2) Usage of recycled paper bags was promoted among students by displaying boards like 'Say No to Plastic' (**See annexure no. 3**)
- 2) Reduce – Reuse – Recycle methods are followed – Different type of chemicals from different laboratories and chemical stores being returned to respective vendor after date expiry.
- 3) Office paper waste being collected and given to vendor for recycling on annual basis.
- 4) Examination paper being retained in the institution for 3 years and then given to vendor for shredding which in turn being sent for pulping for generating recycle paper.
- 5) The collection bins are made for specific types of waste.
- 6) The number of printouts has been reduced from admin blocks and computer laboratories.

Hazardous waste management

The college authorities are well aware about the monitoring and management of chemical-intensive process. This process considers toxicity, downstream impacts, staff safety, cost and packaging.

Action:

- 1) The college performs well in terms of custodial chemical use, monitoring their use, minimizing their impact, and keeping employees and others safe.

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2) All the chemicals are bought from chemical supply vendors, by contracting on annual basis. The college reduces costs, limits inventory, limits overuse, and help maintain consistent chemicals (consistency helps keep workers safe).

E-waste management

The college has a system to collect e-waste separately in specially designated bin. The specific authorized vendor Sam Computeronix has been contracted to for collection and disposal. (See annexure no. 4)

2.5 Carbon dioxide neutrality

Carbon dioxide neutrality has been maintained on the campus by developing greenery with available plants. The 10 to 40 % area is occupied by greenery by different type of plants. The list attached with its significance. (See annexure no. 5).

This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards. This also helps in ensuring that the Environmental Policy is enacted, enforced and reviewed using various environmental awareness programme.

Campus is located in the vicinity of various (species) trees. Various tree plantation programs are being organized during the month of July and August at college campus and surrounding villages through NSS unit. This program helps in encouraging eco-friendly actions in the environment which provides pure oxygen within the institute and awareness among citizens. The organization is keen on providing hands on experience to students by providing opportunity to participate in various government initiatives. Students are in real sense being connected to the community at large. The organization has decided to adopt certain villages and to work for rural development purpose (See annexure no. 5).

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Action:

1) The campus is situated in such an area that there is no any other type of disturbance.

2) An indoor atmosphere is designed to be well ventilated that airflow mixing of fresh/outdoor air is continuous.

3) Specific strategies and plans in place in order to reduce transportation impacts.

A) Parking slot for students (800 bikes) maintained at the main entrance to restrict the traffic movement in the campus. (**See annexure no. 5**).

B) Awareness among the students was increased to use public transport.

c) The layout of the campus is relatively open with much green space, thus

Keeping the amount of impermeable surface area below 50%

d) The college has a canopy of trees and plants that make the environment healthy. (**See annexure no. 5**).

e) Plants were selected with low maintenance requirements and that otherwise fit the local ecosystem (i.e. provide habitat for native species of insects and birds).

f) At present the indigenous trees are dominant all over the campus. The medicinal plants planted and maintained in the campus (List attached). Some plants mentioned in list of medicinal plants are really important. The college is planning of "Environment Interpretation Centre" which will be utilized for educational purpose.

2.6 Campus Culture and Environmental Awareness

The college has aim to educate all students in the area of environmental studies in an interdisciplinary framework, and provide adequate training for those students who

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wish to pursue environmental research in accordance with engineering or environmentally-related career choices. **(See annexure no. 6).**

Action:

- 1) College has developed a clear assessment of the environmental studies curriculum for faculty, students, and administration.
- 2) The college undertakes various activities through effective use of ongoing schemes like N.S.S., through Earn and learns Scheme. In these schemes students work like beautification of campus, water and power management. The biodegradable and non-biodegradable waste segregation. To create eco-friendly awareness among the students, college arranges special programmes by inviting the eminent personalities, who in turn train and educate stake holders. Students are encouraged to participate in eco-friendly activities by making the activities of eco-club part of the curriculum.
- 3) College authorities have created an atmosphere of awareness and sense of responsibility within the campus regarding environmental issues. Engaged students, faculty, staff and administration in cooperative analysis and response to these issues.
- 4) College has developed its own environmental policy for the campus and displayed it everywhere.

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****Environment Policy****

We are committed to protect Environment, Occupational Health and Safety of all through our work and activities. We Endeavour to...

Azad Mahavidyalaya is committed to reduce its impact on the environment. We will strive to improve our environmental performance over time and to initiate additional projects and activities that will further reduce our impacts on the environment.

Our commitment to the environment extends to our students, our staff, and the community in which we operate. We are committed to:

- 1) Comply with all applicable environmental regulations.
- 2) Prevent pollution whenever possible.
- 3) Minimizing waste by reviewing purchasing practices and segregating wastes for reuse and recycling.
- 4) Purchase and use environmentally responsible (recyclable, refurbished, etc.) products from environmentally responsible suppliers (i.e. suppliers who emphasize the need for renewable energy supplies).
- 5) Train all of our staff on our environmental program and empower them to contribute and participate.
- 6) Continually improve over time by striving to measure our environmental impacts and by setting goals to reduce these impacts each year.

As per the policy guidelines the institution is implementing

- 1) College is implementing Environmental Module as prescribed by the Swami Ramanand Tirth Marathwada University Nanded.
- 2) Organization of various seminars & workshops on regular basis

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3. General Recommendations:

- The College should improve its monitoring and reporting of energy, water and other resource usage.
- To reach the goal of a 30% recycling rate, which some institutions have achieved, college should compost food waste and be more vigorous about recycling education.
- College should continue to work towards composting post-consumer food waste generated by the dining areas. In order to help reduce the large amount of post-consumer food waste, the College should provide better labeling and more self-service options and work to educate students about food waste.
- The college should continue to stay with current chemical products that may have a minimal environmental impact and make this an explicit formal goal.
- Any future increases in servers should be consolidated in one “machine room,” rather than building another on campus with the same high maintenance requirements. Additionally, when the College’s phone system is replaced, the central system could also be consolidated in this space.
- The EAC should make decisions with respect to continuous input, interests and commitments of the students, participating faculty, and administration. The college should continue to support the work of the EAC and should ensure that its recommendations are considered carefully and in a timely manner through the appropriate chain of command.
- College should develop a mechanism of monitoring and information dissemination of various environmental parameters. As have problems with

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accurately and consistently monitoring electrical usage (especially in terms of individual buildings) and water usage.

- College should take efforts by putting Environment awareness slogans on the walls to inculcate values on student's mind.
- Display health, hygiene, general maintenance and safety should be maintained
- Chemistry department should encourage "Green Chemistry" program.
- The roof area shows potential for rain water harvesting.
- Environment Awareness programmes and Environmental field visits should be arranged on more frequent basis for Hands on Experience.

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4. Conclusions

The findings of this report show that the college performs fairly well on sustainability issues. The college does consider the environmental impacts of most of its actions and makes a concerted effort to act in an environmentally responsible manner. In conversations with faculty, staff, and administration at the college, a major theme has been the improvements made over the last many years in how the college performs environmentally.

Even though the college does perform fairly well, the recommendations in this report highlights many ways in which the college can work to improve its actions and become a more sustainable institution.

In this section, the recommendations are ranked in terms of priority.

4.1 The high priority recommendations are:

- Continue working towards composting the post-consumer food waste generated by the dining halls.
- Adopt the proposed Environmentally Responsible Purchasing Policy, and work towards creating and implementing a strategy to reduce the environmental impact.
- With regards to the concerns mentioned in this report, the College should consider adopting specific goals and targets in its pursuit of sustainability.

4.2 The medium priority recommendations are:

- Look towards meeting different environmental standards.
- Develop explicit policies concerning the impact of new construction on impervious surface area and runoff.

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- Continue to stay with chemical products that may have a minimal environmental impact and make this an explicit formal goal.
- Continue to support the work of the EAC and should ensure that its recommendations are considered carefully and in a timely manner through the appropriate chain of command.

4.3 The minor and future concerns are:

- Encourage student project on environmental footprint for College.
- Continue expanding interpretive program to better educate students about natural history and college role in preserving biodiversity and optimum utilization of natural resources.
- Increase price for parking charges and implement it across all types of employees, faculty, and students in order to encourage use of public transport.
- Should formulate “Environmentally Responsible Purchasing Policy” for college

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Annexure No1.



Solid waste collection bins



Nagarpanchayat Solid waste Collection System

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औसा नगर परिषद कार्यालय, औसा जि. लातूर.

फोन नं. 02383-272023 फॅक्स नं. 18862332055

वेब : www.ousa.org

E-mail ID - mcausa1956@gmail.com

ज.क.

To,

Principal Azad Mahavidyalaya,

Ausa Dist. Latur

Subject: As per your request sending ghanta gadi to collect solid waste

दिनांक :- 13/8/2017



As per your requested dated 12/08/2017 Municipal council, AUSA is agreed to send ghanta gadi on following schedule.

Sr.no.	day	Contact person/driver
1	Wednesday	Majidali 9890376744
2	Saturday	


President
Municipal Council AUSA

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Annexure 2



Installation of Rain water harvesting system



Soak Pit

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Annexure 3



Students participated in Swatch Sarvekshan Nagar Parishad Ausa 2018-19 and created plastic items from waste pastics



Students participated in Swatch Sarvekshan Nagar Parishad Ausa 2018-19

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Plastic free campaign



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Annexure 4



E-waste vendor

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Annexure 5

Plants Species In Campus

Sr.No.	Local Name	Botanical Name/ scientific name
1	Ashoka Tree	Saraca asoka
2	Gulmohar	Royal poinciana
3	Subabhdul	Leucaena leucocephala
4	Nandurki	Ficus retusa
5	Royal palm tree	Roystonea regia
6	Sacred fig/ pimple	Ficus religiosa
7	Banyan tree/ wad	Ficus bengalensis
8	Indian almond	Terminalia catappa
9	Neem tree	Azadirachta indica
10	Mango tree	Mangifera indica
11	Karanjgi	Millettia
12	Chinch	Tamarindus indica
13	Ramphal	Annona reticulata





उन्नत भारत अभियान Unnat Bharat Abhiyan

सुशिक्षित भारत - स्वस्थ भारत - स्वच्छ भारत -स्वावलंबी भारत - संपन्न भारत



मैकॅनिकल वेट्रीला प्रकल्प



नलत कावळसाधन



बीओगॅसपयुग्मी कलकलकुटुरीज्वा वस्तुनि उपकल्प



प्राथमिक सर्वसाधारण सुविधा



सीर ऊर्जा प्रकल्प

वरील उपकल्पामध्ये सहभाग घेण्याकरीता व ग्रामीण भागाचा विकास करण्याकरीता आपले योगदान आवश्यक आहे

- उन्नत भारत अभियान हे मानव संसाधन विकास मंत्रालय, भारत सरकार यांचा प्रमुख उपकल्प आहे.
- देशातील उच्च शिक्षण संस्थांनी ग्रामीण भागाचा विकास करण्याकरीता आपल्या परिसरातील गावांना दत्तक घेतले जावे.
- महाविद्यालयातील विद्यार्थी व कर्मचारी यांनी जिल्हा प्रशासनामध्ये आपला सहभाग नोंदवून ग्रामीण विकासाच्या योजनेमध्ये आपले योगदान द्यावे.

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Parking



Greenery within Campus :Tree canopy

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Annexure 6



Tree plantation



Tree plantation

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Green campus of college

Awareness



Educational tour

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निरोगी आरोग्यासाठी जीवनात नित्य योगा आवश्यक



औसा/प्रतिनिधी : आरोग्यदायी जीवन जगायचे असेल तर प्रत्येकाने नित्यनियमाने योगा केला पाहिजे असे मत सुरेखा मस्के(सहशिक्षिका शिवाजी विद्या.शिवजी)यांनी आझाद महाविद्यालय येथे राष्ट्रीय सेवा योजना विभागाच्या वतीने आझादी का अमृत महोत्सव अंतर्गत आयोजित प्राणायाम, ध्यान संदर्भात 'अर्धा तास जीवन बदलण्यासाठी' या संवाद कार्यक्रमात केले. यावेळी व्यासपीठावर प्राचार्य डॉ.ई.यु.मासूमदार, उपप्राचार्य टी.ए.जहागीरदार, अजय पाटील यांची उपस्थिती होती. पुढे बोलतांना त्यांनी दररोज सकाळी योगा केल्याचे फायदे सांगितले. तसेच योगाने शरिराला फक्त आणि फक्त नफाच असून कसलाच तोटा नसल्याचे सांगितले. कार्यक्रमाचे सूत्रसंचलन डॉ. एस.एस. चव्हाण तर आभार प्रा.जी.डी.टिंगरे यांनी केले. कार्यक्रमासाठी प्राध्यापक, विद्यार्थी मोठ्या संख्येने उपस्थित होते.

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**BASELINE ENVIRONMENTAL
ASSESSMENT (2017-18) OF
AZAD MAHAVIDYALAYA, AUSA
AFSAR NAGAR, AUSA TQ. AUSA
DIST. LATUR - 413512**

NAAC Accredited B+
(Affiliated to S.R.T. M. University Nanded)

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1. Introduction

COLLEGE INTRODUCTION:

Azad Mahavidyalaya, Ausa Accredited B+

Azad Mahavidyalaya, Ausa is a multi-faculty grant in aid, co-educational Minority Status College affiliated to Swami Ramanand Teerth Marathwada university.

Hindustani Education Society was established in 1978 by Hon. Late Nawaboddin Bashamiya Shaikh with a great vision. His vision behind the establishment of the society was to uplift the society. He wanted to spread the stream of knowledge to the society living in the villages. His motto was to start 'Education with a vision for minority and rural transformation.' He was a visionary teacher. After serving in different institutes as a teacher he founded Hindustani Education Society in Ausa which was an educationally and economically backward area.

Intentionally he had chosen the backward area to raise the poor people belonging to minority and other backward classes. In the beginning he started a small primary school which has grown now into a huge multi faculty academic institute fulfilling the dreams of thousands of students and their parents. Azad Mahavidyalaya, Ausa was started in September 1991 by Hindustani Education Society. Today we can see the huge change in the life of the society. This was the magic of Late Mr. N.B. Shaikh. Recently in December 2018 he passed away leaving behind his greatness and saint like character to his thousands of teachers and students.

workshops and seminar. It has an almost 600 research paper publication by faculty members and some faculties has filed/applied for patents.

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**List of the institutions run by
Hindustani Education Society, Ausa**

Sr.No.	Name
1	Azad Mahavidyalaya, Ausa. (Degree college)
2	Azad Jr. College, Ausa.
3	Sharadchandra Mahavidyalaya, Shiradhon. (Degree college)
4	Khaja Nasiruddin Jr. College, Shiradhon.
5	Khaja Nasiruddin Primary School, Shiradhon. (Urdu Medium)
6	Khaja Nasiruddin Primary School, Shiradhon. (Marathi Medium)
7	Khaja Nasiruddin High School, Shiradhon. (Urdu Medium)
8	Khaja Nasiruddin High School, Shiradhon. (Marathi Medium)
9	Azeem Jr. College, Ausa.
10	Azeem ITI, Ausa.
11	Azeem MCVC Vocational College, Ausa.
12	Azeem Primary School, Ausa. (Urdu Medium)
13	Azeem primary School, Ausa. (Marathi Medium)
14	Azeem High School, Ausa. (Urdu Medium)
15	Azeem High School Ausa. (Marathi Medium)
16	Naaz D.Ed. College, Ausa. (Urdu Medium)
17	Naaz D.Ed. College, Ausa. (Marathi Medium)
18	Azad B.Ed. College, Ausa. (Marathi Medium)
19	Azad M.Ed. College Ausa. (Marathi Medium)
20	N.B.S. Polytechnic, Ausa.
21	N.B.S. Institute of Pharmacy, Ausa.
22	Afsar Primary School, Ausa. (Urdu Medium)

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23	Pundit Jawaharlal Nehru Jr. College, Yakatpur.
24	Pundit Jawaharlal Nehru High School, Yakatpur.

CORE VALUES

- Pursuit of Excellence
- Integrity and honesty
- Diversity and Mutual Respect
- Expand horizons of knowledge
- Transparency in Governance
- Societal Commitment
- Lifelong Learning
- Ethical Behavior
- Service to mankind
- National Integrity
- Education with love and humanity
- Skill based education

List of Achievements

- College received B+ Grade with CGPA 2.67 in II cycle accreditation by NAAC on 10 Jan 2016
- College received B Grade with 76.72 % marks in Academic Audit conducted by Swami Ramanand Teerth Marathwada University Nanded in the month March 2020

Perspective Plan

- To introduce certificate courses (Every Year)
- To introduce moral and value-added program (2022-23 to 2025-26)
- To start PG program in Zoology, Geography and Physics (2023-2024)
- To start Bridge and remedial Courses (Every Year)
- To arrange programs for slow and advanced learners (Every Year)
- To develop e-content modules (2024-2025)
- To Sign MOUs with international institutes (2025-2026)

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- To acquire recognition to Physics department as a recognized research centre (2025-2026)
- To send major research proposals to DST and UGC (2022-2023)
- To arrange activities of Red Ribbon Club (Every Year)
- To acquire DBT Star College Status (2024-2025)
- To acquire DST FIST College Status (2024-2025)
- To organize Collaborative events (Every Year)
- To enhance Student / Faculty Exchange Programmes (Every Year)
- To initiate start-up on college under incubation centre (2025-2026)
- To construct annex building (2024-2025)
- To construct new departmental cabins (2022-2023)
- To install CCTV surveillance system in classrooms (2023-2024)
- To complete 100% computerization of library (2024-2025)
- To convert all classrooms into ICT based classrooms (2025-2026)
- To collect Rs five lakh as Alumni Fund (2025-2026)
- To organize national level sports events (2024-2025)
- To provide a Free Wi-Fi facility to students by leased line (2025-2026)
- To provide free accommodation facilities to poor students in the hostel. (2025-2026)
- To arrange campus placement drives - (2023 onwards)
- To organize international level conferences/seminars in Physics and English (2024-2025)
- To Participate in NIRF (Every Year)
- To go for academic and administrative audit (2024-2025)
- To strengthen IQAC (Every Year)
- To organize professional development activities such as refresher/ orientation courses in college (2025-2026)
- To strengthen Azad Merit Scholarship scheme (Every Year)
- To initiate the "Earn while Learn scheme". (2024-2025)

1. COLLEGE VISSION & MISSION:

VISION

“Education with a vision in action for minority and rural transformation.”

“Education with a vision in action for minority and rural transformation”

MISSION

To impart higher education for all round development of students making them self-reliance and responsible citizen of India.

2. OBJECTIVE OF THE COLLEGE:

OBJECTIVES

- To promote excellence in education.
- To encourage research culture and work culture
- To Inculcate national, human and moral values among students
- To provide education to rural students
- To encourage teachers for quality improvements.
- To make persistence efforts for the overall development of all the languages such as Urdu, English, Hindi and Marathi.
- To stimulate the academic environment by providing necessary advance facilities to the students of higher education in the era of globalization.
- To develop harmony and Co-ordination among students, parents, teachers and management.
- To develop Self-sufficiency and confidence among the students

AZAD MAHAVIDYALAYA, AUSA demonstrates its commitment to implement sustainable solutions in different ways. It has taken a number of positive steps to reduce possible environmental impact. The management is keen on accepting new ideas of resource management.

The environmental assessment of an educational institute being carried out in different phases.

- To establish a baseline of existing environmental scenario
- To provide basis for improved sustainability
- To promote environmental awareness through the assessment process
- To create an educational document for future use

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In view of making green and eco-friendly campus the organization has taken an important step to understand the environmental parameters within the campus. This report serves to highlight, the efforts towards greener campus. The first step taken in this direction is establishing a baseline of existing condition.

The different environmental criteria with their current status, action being taken by an institution and effective ways to improve the actionable points being highlighted in this report. Sensitization of all the stakeholders of an institution towards eco-friendly campus is very crucial at this juncture.

2. Environmental criteria's

2.1. Know green and think green is promoted on the campus

Governance and Leadership

The college has Clear policies, principles or goals that provide direction for staff, administrators, and other members of the campus community. Clear decision-making power and reporting mechanisms with responsibilities to monitor, report, give advice about, and promote action and awareness around environmental sustainability.

Action:

The College currently has an Environmental Advisory Committee (EAC), which is composed of members each from different stake holders of the college. It is co-chaired by a student and by the head of facilities. The EAC has been very active in discussing and advising the College on campus sustainability issues.

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Environmental Advisory Committee (EAC) –(2017- 2018)

SN	Name of the Committee Member	Designation
1	DR. A.V. Pathan	Chairman
2	Dr. S. S. Korde	Member
3	Dr. N. I. Ansari	Member
4	Dr. G. D. Tingare	Member
5	Shri. S.M. Shakil	Member
6	Yadav Pooja Baliram Bsc TY	Member
7	Tidake Shubhangi Subhash Bsc FY	Member

Since commencement, the committee has discussed such topics as campus energy use, recycling, reduce use of plastic, composting of dining hall waste, saving water and sustainable use of resources.

2.2 Dining

The college campus accommodates 1000 members including students and staff. The college authorities have appointed a food supply vender within the campus area. On an average approximately 320 students and staff utilizing these dining facilities on working days.

Action: Steps were taken to reduce pre-consumer and post-consumer food waste, by making connections with food pantries and providing better labeled, made-to-order dishes. For the post-consumer food, the remaining waste being given to vendor with official agreement. The garbage being properly collected through well designed network of garbage collection bins throughout campus. The waste dumping site has been created and then it is being collected by Nagarpanchayat system of

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garbage collection. (**See annexure no. 1**) to collect this organic waste from dining facilities on daily basis. The snacks items being served in paper plates. Plastic being avoided strictly.

2.3 Water conservation and prevention of water wastage

The source of water for the college is ground water (Bore well) for drinking and other uses. The college has water filters with 300lit/hour capacity and filter water supplied through 1 water cooler within the premises for drinking purposes. The water quality monitoring is being done regularly. The water consumption within the campus is controlled by campus authority. The storage tanks are as follows

Underground tanks: 2: capacity – 4,000 lits

Overhead tank 2: Capacity - 01 Nos.- 5000 lits and 01 Nos. – 1000 lits

So total water storage capacity 10,000 Litters

The approximate water uses on any working day during work hours can be summarized as follows.

Sr.No	Activity	Utilization (Student + staff)	Total lits
1	Drinking	1000 x approximately 2lit	2000
2	Toilet	1000 x approximately 3lit	3000
3	Laboratories	5 labs x 20 students x approximately 5lits x 2 batches	1000
4	Watering plants		500
5	Spraying on play ground		300
6	Canteen area		1000
			7,800

Action:

- 1) Awareness on minimum and adequate water use.
- 2) Regular water quality monitoring. (Water & Waste water)

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- 3) Well planned experimental schedule of different classes. Laboratory waste water discharged into soak pit. (**See annexure no. 2**)
- 4) The design of urinals (Indian & western (Washrooms, Urinals & Latrines 35 (Girls, Boys & staff) was made in such way that it gives minimum wastage of water. Drainage water from urinals and canteen discharged into septic tank.
- 5) Watering to plants being done by manual sprinklers.
- 6) Ensuring the implementation of water saving devices and techniques.
- 7) Sewage water of campus being collected and discharged into soak pit.

2.4 Solid waste management

The college working hours is from 9.00am to 6.00pm. There are different activities and projects being implementing in different subjects. The number of students in the campus along with staff members goes to approximately 1000 The daily solid waste being generated in the camps categorized in the following way.

S.No	Activity	Utilization (Student + staff)	Total kg.
1	Classroom 20 + Seminar Hall 2 + Staffroom 3 + Girls & Boys common room 2 + Sport room 1 + Training Placement cell 1 + Exam section 1 + Reception area 1+ Sport complex (Auditorium) 1	Dustbin 34 x 300gms	11 kg approximately
2	Laboratories 6 + Chemical store 1	Labs 7 x 250 gms	2 kg approximately
3	Canteen	Students & staff used for snacks or meal	3 kg approximately
4	Sweeping and cleaning	Campus	2 kg approximately
5	Admin block	All offices	1 kg approximately
			20 kg approximately

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Action:

- 1) Usage of recycled paper bags was promoted among students by displaying boards like 'Say No to Plastic' (**See annexure no. 3**)
- 2) Reduce – Reuse – Recycle methods are followed – Different type of chemicals from different laboratories and chemical stores being returned to respective vendor after date expiry.
- 3) Office paper waste being collected and given to vendor for recycling on annual basis.
- 4) Examination paper being retained in the institution for 3 years and then given to vendor for shredding which in turn being sent for pulping for generating recycle paper.
- 5) The collection bins are made for specific types of waste.
- 6) The number of printouts has been reduced from admin blocks and computer laboratories.

Hazardous waste management

The college authorities are well aware about the monitoring and management of chemical-intensive process. This process considers toxicity, downstream impacts, staff safety, cost and packaging.

Action:

- 1) The college performs well in terms of custodial chemical use, monitoring their use, minimizing their impact, and keeping employees and others safe.
- 2) All the chemicals are bought from chemical supply vendors, by contracting on annual basis. The college reduces costs, limits inventory, limits overuse, and help maintain consistent chemicals (consistency helps keep workers safe).

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E-waste management

The college has a system to collect e-waste separately in specially designated bin. The specific authorized vendor Sam Computeronix has been contracted to for collection and disposal. **(See annexure no. 4)**

2.5 Carbon dioxide neutrality

Carbon dioxide neutrality has been maintained on the campus by developing greenery with available plants. The 10 to 30 % area is occupied by greenery by different type of plants. The list attached with its significance. **(See annexure no. 5)**.

This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards. This also helps in ensuring that the Environmental Policy is enacted, enforced and reviewed using various environmental awareness programme.

Campus is located in the vicinity of various (species) trees. Various tree plantation programs are being organized during the month of July and August at college campus and surrounding villages through NSS unit. This program helps in encouraging eco-friendly actions in the environment which provides pure oxygen within the institute and awareness among citizens. The organization is keen on providing hands on experience to students by providing opportunity to participate in various government initiatives. Students are in real sense being connected to the community at large. The organization has decided to adopt certain villages and to work for rural development purpose **(See annexure no. 5)**.

Action:

1) The campus is situated in such an area that there is no any other type of disturbance.

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2) An indoor atmosphere is designed to be well ventilated that airflow mixing of fresh/outdoor air is continuous.

3) Specific strategies and plans in place in order to reduce transportation impacts.

A) Parking slot for students (800 bikes) maintained at the main entrance to restrict the traffic movement in the campus. (**See annexure no. 5**).

B) Awareness among the students was increased to use public transport.

c) The layout of the campus is relatively open with much green space, thus

Keeping the amount of impermeable surface area below 50%

d) The college has a canopy of trees and plants that make the environment healthy. (**See annexure no. 5**).

e) Plants were selected with low maintenance requirements and that otherwise fit the local ecosystem (i.e., provide habitat for native species of insects and birds).

f) At present the indigenous trees are dominant all over the campus. The medicinal plants planted and maintained in the campus (List attached). Some plants mentioned in list of medicinal plants are really important. The college is planning of “Environment Interpretation Centre” which will be utilized for educational purpose.

2.6 Campus Culture and Environmental Awareness

The college has aim to educate all students in the area of environmental studies in an interdisciplinary framework, and provide adequate training for those students who wish to pursue environmental research in accordance with engineering or environmentally-related career choices. (**See annexure no. 6**).

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Action:

- 1) College has developed a clear assessment of the environmental studies curriculum for faculty, students, and administration.
- 2) The college undertakes various activities through effective use of ongoing schemes like N.S.S., through Earn and learns Scheme. In these schemes students work like beautification of campus, water and power management. The biodegradable and non-biodegradable waste segregation. To create eco-friendly awareness among the students, college arranges special Programmes by inviting the eminent personalities, who in turn train and educate stake holders. Students are encouraged to participate in eco-friendly activities by making the activities of eco-club part of the curriculum.

Year	Types of Activities	Total no of activities	Participants
2016-17	Tech., Cultural & Workshops	27	1660
	Workshop in IPR: Patents	1	750

- 3) College authorities have created an atmosphere of awareness and sense of responsibility within the campus regarding environmental issues. Engaged students, faculty, staff and administration in cooperative analysis and response to these issues.
- 4) College has developed its own environmental policy for the campus and displayed it everywhere.

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Environment Policy

We are committed to protect Environment, Occupational Health and Safety of all through our work and activities. We Endeavour to...

Azad Mahavidyalaya is committed to reduce its impact on the environment. We will strive to improve our environmental performance over time and to initiate additional projects and activities that will further reduce our impacts on the environment.

Our commitment to the environment extends to our students, our staff, and the community in which we operate. We are committed to:

- 1) Comply with all applicable environmental regulations.
- 2) Prevent pollution whenever possible.
- 3) Minimizing waste by reviewing purchasing practices and segregating wastes for reuse and recycling.
- 4) Purchase and use environmentally responsible (recyclable, refurbished, etc.) products from environmentally responsible suppliers (i.e., suppliers who emphasize the need for renewable energy supplies).
- 5) Train all of our staff on our environmental program and empower them to contribute and participate.
- 6) Continually improve over time by striving to measure our environmental impacts and by setting goals to reduce these impacts each year.

As per the policy guidelines the institution is implementing

- 1) College is implementing Environmental Module as prescribed by the Swami Ramanand Tirth Marathwada University Nanded.
- 2) Organization of various seminars & workshops on regular basis

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3. General Recommendations:

- The College should improve its monitoring and reporting of energy, water and other resource usage.
- To reach the goal of a 30% recycling rate, which some institutions have achieved, college should compost food waste and be more vigorous about recycling education.
- College should continue to work towards composting post-consumer food waste generated by the dining areas. In order to help reduce the large amount of post-consumer food waste, the College should provide better labeling and more self-service options and work to educate students about food waste.
- The college should continue to stay with current chemical products that may have a minimal environmental impact and make this an explicit formal goal.
- Any future increases in servers should be consolidated in one “machine room,” rather than building another on campus with the same high maintenance requirements. Additionally, when the College’s phone system is replaced, the central system could also be consolidated in this space.
- The EAC should make decisions with respect to continuous input, interests and commitments of the students, participating faculty, and administration. The college should continue to support the work of the EAC and should ensure that its recommendations are considered carefully and in a timely manner through the appropriate chain of command.
- College should develop a mechanism of monitoring and information dissemination of various environmental parameters. As have problems with

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accurately and consistently monitoring electrical usage (especially in terms of individual buildings) and water usage.

- College should take efforts by putting Environment awareness slogans on the walls to inculcate values on student's mind.
- Display health, hygiene, general maintenance and safety should be maintained
- Chemistry department should encourage "Green Chemistry" program.
- The roof area shows potential for rain water harvesting.
- Environment Awareness Programmes and Environmental field visits should be arranged on more frequent basis for Hands on Experience.

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4. Conclusions

The findings of this report show that the college performs fairly well on sustainability issues. The college does consider the environmental impacts of most of its actions and makes a concerted effort to act in an environmentally responsible manner. In conversations with faculty, staff, and administration at the college, a major theme has been the improvements made over the last many years in how the college performs environmentally.

Even though the college does perform fairly well, the recommendations in this report highlights many ways in which the college can work to improve its actions and become a more sustainable institution.

In this section, the recommendations are ranked in terms of priority.

4.1 The high priority recommendations are:

- Continue working towards composting the post-consumer food waste generated by the dining halls.
- Adopt the proposed Environmentally Responsible Purchasing Policy, and work towards creating and implementing a strategy to reduce the environmental impact.
- With regards to the concerns mentioned in this report, the College should consider adopting specific goals and targets in its pursuit of sustainability.

4.2 The medium priority recommendations are:

- Look towards meeting different environmental standards.
- Develop explicit policies concerning the impact of new construction on impervious surface area and runoff.

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- Continue to stay with chemical products that may have a minimal environmental impact and make this an explicit formal goal.
- Continue to support the work of the EAC and should ensure that its recommendations are considered carefully and in a timely manner through the appropriate chain of command.

4.3 The minor and future concerns are:

- Encourage student project on environmental footprint for college.
- Continue expanding interpretive program to better educate students about natural history and college role in preserving biodiversity and optimum utilization of natural resources.
- Increase price for parking charges and implement it across all types of employees, faculty, and students in order to encourage use of public transport.
- Should formulate “Environmentally Responsible Purchasing Policy” for college

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Annexure No1.



Solid waste collection bins



Nagarpanchayat Solid waste Collection System

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औसा नगर परिषद कार्यालय, औसा जि. लातूर.

फोन नं. 02383-272023 फॅक्स नं. 18862332055

वेब : www.ousa.org

E-mail ID - ousa1956@gmail.com

ज.क.

To,

Principal Azad Mahavidyalaya,

Ausa Dist. Latur

Subject: As per your request sending ghanta gadi to collect solid waste

दिनांक :- 13/8/2017



As per your requested dated 12/08/2017Municipal council, AUSA is agreed to send ghanta gadi on following schedule.

Sr.no.	day	Contact person/driver
1	Wednesday	Majidali 9890376744
2	Saturday	


President
Municipal Council AUSA

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Annexure 2



Installation of Rain water harvesting system



Soak Pit

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Annexure 3



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Annexure 4



E-waste vendor

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Annexure 5

Plants Species In Campus

Sr.No.	Local Name	Botanical Name/ scientific name
1	Ashoka Tree	Saraca asoka
2	Gulmohar	Royal poinciana
3	Subabhdul	Leucaena leucocephala
4	Nandurki	Ficus retusa
5	Royal palm tree	Roystonea regia
6	Sacred fig/ pimple	Ficus religiosa
7	Banyan tree/ wad	Ficus bengalensis
8	Indian almond	Terminalia catappa
9	Neem tree	Azadirachta indica
10	Mango tree	Mangifera indica
11	Karanjgi	Millettia
12	Chinch	Tamarindus indica
13	Ramphal	Annona reticulata





उन्नत भारत अभियान Unnat Bharat Abhiyan

सुशिक्षित भारत - स्वस्थ भारत - स्वच्छ भारत -स्वावलंबी भारत - संपन्न भारत



मैकॅनिकल वेट्रीला प्रकल्प



नलत कावळसाधन



बीओगॅसपयोजी कलकलकुट्टीच्या वस्तुनि उपायन



प्राथमिक सर्वसाधारण सुविधा



सीर ऊर्जा प्रकल्प

वरील उपकरणांमध्ये सहभाग घेण्याकरीता व ग्रामीण भागाचा विकास करण्याकरीता आपले योगदान आवश्यक आहे

- उन्नत भारत अभियान हे मानव संसाधन विकास मंत्रालय, भारत सरकार यांचा प्रमुख उपक्रम आहे.
- देशातील उच्च शिक्षण संस्थांनी ग्रामीण भागाचा विकास करण्याकरीता आपल्या परिसरातील गावांना दत्तक घेतले जावे.
- महाविद्यालयातील विद्यार्थी व कर्मचारी यांनी जिल्हा प्रशासनामध्ये आपला सहभाग नोंदवून ग्रामीण विकासाच्या योजनेमध्ये आपले योगदान द्यावे.

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Parking



Greenery within Campus :Tree canopy

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Annexure 6



Geography tour

Awareness

निरोगी आरोग्यासाठी जीवनात नित्य योगा आवश्यक



औसा/प्रतिनिधी : आरोग्यदायी जीवन जगायचे असेल तर प्रत्येकाने नित्यनियमाने योगा केला पाहिजे असे मत सुरेखा मस्के(सहशिक्षिका शिवाजी विद्या.शिवजी)यांनी आझाद महाविद्यालय येथे राष्ट्रीय सेवा योजना विभागाच्या वतीने आझादी का अमृत महोत्सव अंतर्गत आयोजित प्राणायाम, ध्यान संदर्भात 'अर्धा तास जीवन बदलण्यासाठी' या संवाद कार्यक्रमात केले. यावेळी व्यासपीठावर प्राचार्य डॉ.ई.यु.मासूमदार, उपप्राचार्य टी.ए.जहागीरदार, अजय पाटील यांची उपस्थिती होती पुढे बोलतांना त्यांनी दररोज सकाळी योगा केल्याचे फायदे सांगितले तसेच योगाने शरिराला फक्त आणि फक्त नफाच असून कसलाच तोटा नसल्याचे सांगितले. कार्यक्रमाचे सूत्रसंचलन डॉ. एस.एस चव्हाण तर आभार प्रा.जी.डी टिंगरे यांनी केले. कार्यक्रमासाठी प्राध्यापक, विद्यार्थी मोठ्या संख्येने उपस्थित होते.

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**BASELINE ENVIRONMENTAL
ASSESSMENT (2016-17) OF
AZAD MAHAVIDYALAYA, AUSA
AFSAR NAGAR, AUSA TQ. AUSA
DIST. LATUR - 413512**

NAAC Accredited B+
(Affiliated to S.R.T. M. University Nanded)

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1. Introduction

COLLEGE INTRODUCTION:

Azad Mahavidyalaya, Ausa Accredited B+

Azad Mahavidyalaya, Ausa is a multi-faculty grant in aid, co-educational Minority Status College affiliated to Swami Ramanand Teerth Marathwada university.

Hindustani Education Society was established in 1978 by Hon. Late Nawaboddin Bashamiya Shaikh with a great vision. His vision behind the establishment of the society was to uplift the society. He wanted to spread the stream of knowledge to the society living in the villages. His motto was to start 'Education with a vision for minority and rural transformation.' He was a visionary teacher. After serving in different institutes as a teacher he founded Hindustani Education Society in Ausa which was an educationally and economically backward area.

Intentionally he had chosen the backward area to raise the poor people belonging to minority and other backward classes. In the beginning he started a small primary school which has grown now into a huge multi faculty academic institute fulfilling the dreams of thousands of students and their parents. Azad Mahavidyalaya, Ausa was started in September 1991 by Hindustani Education Society. Today we can see the huge change in the life of the society. This was the magic of Late Mr. N.B. Shaikh. Recently in December 2018 he passed away leaving behind his greatness and saint like character to his thousands of teachers and students.

workshops and seminar. It has an almost 600 research paper publication by faculty members and some faculties has filed/applied for patents.

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**List of the institutions run by
Hindustani Education Society, Ausa**

Sr.No.	Name
1	Azad Mahavidyalaya, Ausa. (Degree college)
2	Azad Jr. College, Ausa.
3	Sharadchandra Mahavidyalaya, Shiradhon. (Degree college)
4	Khaja Nasiruddin Jr. College, Shiradhon.
5	Khaja Nasiruddin Primary School, Shiradhon. (Urdu Medium)
6	Khaja Nasiruddin Primary School, Shiradhon. (Marathi Medium)
7	Khaja Nasiruddin High School, Shiradhon. (Urdu Medium)
8	Khaja Nasiruddin High School, Shiradhon. (Marathi Medium)
9	Azeem Jr. College, Ausa.
10	Azeem ITI, Ausa.
11	Azeem MCVC Vocational College, Ausa.
12	Azeem Primary School, Ausa. (Urdu Medium)
13	Azeem primary School, Ausa. (Marathi Medium)
14	Azeem High School, Ausa. (Urdu Medium)
15	Azeem High School Ausa. (Marathi Medium)
16	Naaz D.Ed. College, Ausa. (Urdu Medium)
17	Naaz D.Ed. College, Ausa. (Marathi Medium)
18	Azad B.Ed. College, Ausa. (Marathi Medium)
19	Azad M.Ed. College Ausa. (Marathi Medium)
20	N.B.S. Polytechnic, Ausa.
21	N.B.S. Institute of Pharmacy, Ausa.
22	Afsar Primary School, Ausa. (Urdu Medium)

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23	Pundit Jawaharlal Nehru Jr. College, Yakatpur.
24	Pundit Jawaharlal Nehru High School, Yakatpur.

CORE VALUES

- Pursuit of Excellence
- Integrity and honesty
- Diversity and Mutual Respect
- Expand horizons of knowledge
- Transparency in Governance
- Societal Commitment
- Lifelong Learning
- Ethical Behavior
- Service to mankind
- National Integrity
- Education with love and humanity
- Skill based education

List of Achievements

- College received B+ Grade with CGPA 2.67 in II cycle accreditation by NAAC on 10 Jan 2016
- College received B Grade with 76.72 % marks in Academic Audit conducted by Swami Ramanand Teerth Marathwada University Nanded in the month March 2020

Perspective Plan

- To introduce certificate courses (Every Year)
- To introduce moral and value-added program (2022-23 to 2025-26)
- To start PG program in Zoology, Geography and Physics (2023-2024)
- To start Bridge and remedial Courses (Every Year)
- To arrange programs for slow and advanced learners (Every Year)
- To develop e-content modules (2024-2025)
- To Sign MOUs with international institutes (2025-2026)

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- To acquire recognition to Physics department as a recognized research centre (2025-2026)
- To send major research proposals to DST and UGC (2022-2023)
- To arrange activities of Red Ribbon Club (Every Year)
- To acquire DBT Star College Status (2024-2025)
- To acquire DST FIST College Status (2024-2025)
- To organize Collaborative events (Every Year)
- To enhance Student / Faculty Exchange Programmes (Every Year)
- To initiate start-up on college under incubation centre (2025-2026)
- To construct annex building (2024-2025)
- To construct new departmental cabins (2022-2023)
- To install CCTV surveillance system in classrooms (2023-2024)
- To complete 100% computerization of library (2024-2025)
- To convert all classrooms into ICT based classrooms (2025-2026)
- To collect Rs five lakh as Alumni Fund (2025-2026)
- To organize national level sports events (2024-2025)
- To provide a Free Wi-Fi facility to students by leased line (2025-2026)
- To provide free accommodation facilities to poor students in the hostel. (2025-2026)
- To arrange campus placement drives - (2023 onwards)
- To organize international level conferences/seminars in Physics and English (2024-2025)
- To Participate in NIRF (Every Year)
- To go for academic and administrative audit (2024-2025)
- To strengthen IQAC (Every Year)
- To organize professional development activities such as refresher/ orientation courses in college (2025-2026)
- To strengthen Azad Merit Scholarship scheme (Every Year)
- To initiate the "Earn while Learn scheme". (2024-2025)

1. COLLEGE VISSION & MISSION:

VISION

“Education with a vision in action for minority and rural transformation.”

“Education with a vision in action for minority and rural transformation”

MISSION

To impart higher education for all round development of students making them self-reliance and responsible citizen of India.

2. OBJECTIVE OF THE COLLEGE:

OBJECTIVES

- To promote excellence in education.
- To encourage research culture and work culture
- To Inculcate national, human and moral values among students
- To provide education to rural students
- To encourage teachers for quality improvements.
- To make persistence efforts for the overall development of all the languages such as Urdu, English, Hindi and Marathi.
- To stimulate the academic environment by providing necessary advance facilities to the students of higher education in the era of globalization.
- To develop harmony and Co-ordination among students, parents, teachers and management.
- To develop Self-sufficiency and confidence among the students

AZAD MAHAVIDYALAYA, AUSA demonstrates its commitment to implement sustainable solutions in different ways. It has taken a number of positive steps to reduce possible environmental impact. The management is keen on accepting new ideas of resource management.

The environmental assessment of an educational institute being carried out in different phases.

- To establish a baseline of existing environmental scenario
- To provide basis for improved sustainability
- To promote environmental awareness through the assessment process
- To create an educational document for future use

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In view of making green and eco-friendly campus the organization has taken an important step to understand the environmental parameters within the campus. This report serves to highlight, the efforts towards greener campus. The first step taken in this direction is establishing a baseline of existing condition.

The different environmental criteria with their current status, action being taken by an institution and effective ways to improve the actionable points being highlighted in this report. Sensitization of all the stakeholders of an institution towards eco-friendly campus is very crucial at this juncture.

2. Environmental criteria's

2.1. Know green and think green is promoted on the campus

Governance and Leadership

The college has Clear policies, principles or goals that provide direction for staff, administrators, and other members of the campus community. Clear decision-making power and reporting mechanisms with responsibilities to monitor, report, give advice about, and promote action and awareness around environmental sustainability.

Action:

The College currently has an Environmental Advisory Committee (EAC), which is composed of members each from different stake holders of the college. It is co-chaired by a student and by the head of facilities. The EAC has been very active in discussing and advising the College on campus sustainability issues.

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Environmental Advisory Committee (EAC) – (2016- 2017)

SN	Name of the Committee Member	Designation
1	DR. A.V. Pathan	Chairman
2	Dr. S. S. Korde	Member
3	Dr. N. I. Ansari	Member
4	Dr. G. D. Tingare	Member
5	Shri. S.M. Shakil	Member
6	Yadav Pooja Baliram Bsc SY	Member
7	Khurpe Kavita Pirpasha Bsc SY	Member

Since commencement, the committee has discussed such topics as campus energy use, recycling, reduce use of plastic, composting of dining hall waste, saving water and sustainable use of resources.

2.2 Dining

The college campus accommodates 950 members including students and staff. The college authorities have appointed a food supply vender within the campus area. On an average approximately 300 students and staff utilizing these dining facilities on working days.

Action: Steps were taken to reduce pre-consumer and post-consumer food waste, by making connections with food pantries and providing better labeled, made-to-order dishes. For the post-consumer food, the remaining waste being given to vendor with official agreement. The garbage being properly collected through well designed network of garbage collection bins throughout campus. The waste dumping site has been created and then it is being collected by Nagarpanchayat system of

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garbage collection. (**See annexure no. 1**) to collect this organic waste from dining facilities on daily basis. The snacks items being served in paper plates. Plastic being avoided strictly.

2.3 Water conservation and prevention of water wastage

The source of water for the college is ground water (Bore well) for drinking and other uses. The college has water filters with 300lit/hour capacity and filter water supplied through 1 water cooler within the premises for drinking purposes. The water quality monitoring is being done regularly. The water consumption within the campus is controlled by campus authority. The storage tanks are as follows

Underground tanks: 2: capacity – 4,000 lits

Overhead tank 2: Capacity - 01 Nos.- 5000 lits and 01 Nos. – 1000 lits

So total water storage capacity 10,000 Litters

The approximate water uses on any working day during work hours can be summarized as follows.

Sr.No	Activity	Utilization (Student + staff)	Total lits
1	Drinking	950 x approximately 2lit	1900
2	Toilet	950 x approximately 3lit	2850
3	Laboratories	5 labs x 20 students x approximately 5lits x 2 batches	1000
4	Watering plants		500
5	Spraying on play ground		300
6	Canteen area		1000
			7,550

Action:

- 1) Awareness on minimum and adequate water use.
- 2) Regular water quality monitoring. (Water & Waste water)

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- 3) Well planned experimental schedule of different classes. Laboratory waste water discharged into soak pit. (**See annexure no. 2**)
- 4) The design of urinals (Indian & western (Washrooms, Urinals & Latrines 35 (Girls, Boys & staff) was made in such way that it gives minimum wastage of water. Drainage water from urinals and canteen discharged into septic tank.
- 5) Watering to plants being done by manual sprinklers.
- 6) Ensuring the implementation of water saving devices and techniques.
- 7) Sewage water of campus being collected and discharged into soak pit.

2.4 Solid waste management

The college working hours is from 9.00am to 6.00pm. There are different activities and projects being implementing in different subjects. The number of students in the campus along with staff members goes to approximately 1100 The daily solid waste being generated in the camps categorized in the following way.

Sr.No	Activity	Utilization (Student + staff)	Total kg.
1	Classroom 20 + Seminar Hall 2 + Staffroom 3 + Girls & Boys common room 2 + Sport room 1 + Training Placement cell 1 + Exam section 1 + Reception area 1+ Sport complex (Auditorium) 1	Dustbin 34 x 300gms	11 kg approximately
2	Laboratories 6 + Chemical store 1	Labs 7 x 250 gms	2 kg approximately
3	Canteen	Students & staff used for snacks or meal	3 kg approximately
4	Sweeping and cleaning	Campus	2 kg approximately
5	Admin block	All offices	1 kg approximately
			19 kg approximately

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Action:

- 1) Usage of recycled paper bags was promoted among students by displaying boards like 'Say No to Plastic' (**See annexure no. 3**)
- 2) Reduce – Reuse – Recycle methods are followed – Different type of chemicals from different laboratories and chemical stores being returned to respective vendor after date expiry.
- 3) Office paper waste being collected and given to vendor for recycling on annual basis.
- 4) Examination paper being retained in the institution for 3 years and then given to vendor for shredding which in turn being sent for pulping for generating recycle paper.
- 5) The collection bins are made for specific types of waste.
- 6) The number of printouts has been reduced from admin blocks and computer laboratories.

Hazardous waste management

The college authorities are well aware about the monitoring and management of chemical-intensive process. This process considers toxicity, downstream impacts, staff safety, cost and packaging.

Action:

- 1) The college performs well in terms of custodial chemical use, monitoring their use, minimizing their impact, and keeping employees and others safe.
- 2) All the chemicals are bought from chemical supply vendors, by contracting on annual basis. The college reduces costs, limits inventory, limits overuse, and help maintain consistent chemicals (consistency helps keep workers safe).

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E-waste management

The college has a system to collect e-waste separately in specially designated bin. The specific authorized vendor Sam Computeronix has been contracted to for collection and disposal. **(See annexure no. 4)**

2.5 Carbon dioxide neutrality

Carbon dioxide neutrality has been maintained on the campus by developing greenery with available plants. The 10 to 30 % area is occupied by greenery by different type of plants. The list attached with its significance. **(See annexure no. 5)**.

This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards. This also helps in ensuring that the Environmental Policy is enacted, enforced and reviewed using various environmental awareness programme.

Campus is located in the vicinity of various (species) trees. Various tree plantation programs are being organized during the month of July and August at college campus and surrounding villages through NSS unit. This program helps in encouraging eco-friendly actions in the environment which provides pure oxygen within the institute and awareness among citizens. The organization is keen on providing hands on experience to students by providing opportunity to participate in various government initiatives. Students are in real sense being connected to the community at large. The organization has decided to adopt certain villages and to work for rural development purpose **(See annexure no. 5)**.

Action:

1) The campus is situated in such an area that there is no any other type of disturbance.

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2) An indoor atmosphere is designed to be well ventilated that airflow mixing of fresh/outdoor air is continuous.

3) Specific strategies and plans in place in order to reduce transportation impacts.

A) Parking slot for students (800 bikes) maintained at the main entrance to restrict the traffic movement in the campus. (**See annexure no. 5**).

B) Awareness among the students was increased to use public transport.

c) The layout of the campus is relatively open with much green space, thus

Keeping the amount of impermeable surface area below 50%

d) The college has a canopy of trees and plants that make the environment healthy. (**See annexure no. 5**).

e) Plants were selected with low maintenance requirements and that otherwise fit the local ecosystem (i.e., provide habitat for native species of insects and birds).

f) At present the indigenous trees are dominant all over the campus. The medicinal plants planted and maintained in the campus (List attached). Some plants mentioned in list of medicinal plants are really important. The college is planning of “Environment Interpretation Centre” which will be utilized for educational purpose.

2.6 Campus Culture and Environmental Awareness

The college has aim to educate all students in the area of environmental studies in an interdisciplinary framework, and provide adequate training for those students who wish to pursue environmental research in accordance with engineering or environmentally-related career choices. (**See annexure no. 6**).

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Action:

- 1) College has developed a clear assessment of the environmental studies curriculum for faculty, students, and administration.
- 2) The college undertakes various activities through effective use of ongoing schemes like N.S.S., through Earn and learns Scheme. In these schemes students work like beautification of campus, water and power management. The biodegradable and non-biodegradable waste segregation. To create eco-friendly awareness among the students, college arranges special Programmes by inviting the eminent personalities, who in turn train and educate stake holders. Students are encouraged to participate in eco-friendly activities by making the activities of eco-club part of the curriculum.

Year	Types of Activities	Total no of activities	Participants
2016-17	Tech., Cultural & Workshops	27	1660
	Workshop in IPR: Patents	1	750

- 3) College authorities have created an atmosphere of awareness and sense of responsibility within the campus regarding environmental issues. Engaged students, faculty, staff and administration in cooperative analysis and response to these issues.
- 4) College has developed its own environmental policy for the campus and displayed it everywhere.

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Environment Policy

We are committed to protect Environment, Occupational Health and Safety of all through our work and activities. We Endeavour to...

Azad Mahavidyalaya is committed to reduce its impact on the environment. We will strive to improve our environmental performance over time and to initiate additional projects and activities that will further reduce our impacts on the environment.

Our commitment to the environment extends to our students, our staff, and the community in which we operate. We are committed to:

- 1) Comply with all applicable environmental regulations.
- 2) Prevent pollution whenever possible.
- 3) Minimizing waste by reviewing purchasing practices and segregating wastes for reuse and recycling.
- 4) Purchase and use environmentally responsible (recyclable, refurbished, etc.) products from environmentally responsible suppliers (i.e., suppliers who emphasize the need for renewable energy supplies).
- 5) Train all of our staff on our environmental program and empower them to contribute and participate.
- 6) Continually improve over time by striving to measure our environmental impacts and by setting goals to reduce these impacts each year.

As per the policy guidelines the institution is implementing

- 1) College is implementing Environmental Module as prescribed by the Swami Ramanand Tirth Marathwada University Nanded.
- 2) Organization of various seminars & workshops on regular basis

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3. General Recommendations:

- The College should improve its monitoring and reporting of energy, water and other resource usage.
- To reach the goal of a 30% recycling rate, which some institutions have achieved, college should compost food waste and be more vigorous about recycling education.
- College should continue to work towards composting post-consumer food waste generated by the dining areas. In order to help reduce the large amount of post-consumer food waste, the College should provide better labeling and more self-service options and work to educate students about food waste.
- The college should continue to stay with current chemical products that may have a minimal environmental impact and make this an explicit formal goal.
- Any future increases in servers should be consolidated in one “machine room,” rather than building another on campus with the same high maintenance requirements. Additionally, when the College’s phone system is replaced, the central system could also be consolidated in this space.
- The EAC should make decisions with respect to continuous input, interests and commitments of the students, participating faculty, and administration. The college should continue to support the work of the EAC and should ensure that its recommendations are considered carefully and in a timely manner through the appropriate chain of command.
- College should develop a mechanism of monitoring and information dissemination of various environmental parameters. As have problems with

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accurately and consistently monitoring electrical usage (especially in terms of individual buildings) and water usage.

- College should take efforts by putting Environment awareness slogans on the walls to inculcate values on student's mind.
- Display health, hygiene, general maintenance and safety should be maintained
- Chemistry department should encourage "Green Chemistry" program.
- The roof area shows potential for rain water harvesting.
- Environment Awareness Programmes and Environmental field visits should be arranged on more frequent basis for Hands on Experience.

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4. Conclusions

The findings of this report show that the college performs fairly well on sustainability issues. The college does consider the environmental impacts of most of its actions and makes a concerted effort to act in an environmentally responsible manner. In conversations with faculty, staff, and administration at the college, a major theme has been the improvements made over the last many years in how the college performs environmentally.

Even though the college does perform fairly well, the recommendations in this report highlights many ways in which the college can work to improve its actions and become a more sustainable institution.

In this section, the recommendations are ranked in terms of priority.

4.1 The high priority recommendations are:

- Continue working towards composting the post-consumer food waste generated by the dining halls.
- Adopt the proposed Environmentally Responsible Purchasing Policy, and work towards creating and implementing a strategy to reduce the environmental impact.
- With regards to the concerns mentioned in this report, the College should consider adopting specific goals and targets in its pursuit of sustainability.

4.2 The medium priority recommendations are:

- Look towards meeting different environmental standards.
- Develop explicit policies concerning the impact of new construction on impervious surface area and runoff.

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- Continue to stay with chemical products that may have a minimal environmental impact and make this an explicit formal goal.
- Continue to support the work of the EAC and should ensure that its recommendations are considered carefully and in a timely manner through the appropriate chain of command.

4.3 The minor and future concerns are:

- Encourage student project on environmental footprint for college.
- Continue expanding interpretive program to better educate students about natural history and college role in preserving biodiversity and optimum utilization of natural resources.
- Increase price for parking charges and implement it across all types of employees, faculty, and students in order to encourage use of public transport.
- Should formulate “Environmentally Responsible Purchasing Policy” for college

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Annexure No1.



Solid waste collection bins



Nagarpanchayat Solid waste Collection System

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Annexure 2



Soak Pit

Annexure 3



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Annexure 4



Sam Computeronix
Computer Sales & Service

Hashmi Nagar, Ausa Email : sayediliyas@gmail.com

Date : 18/07 /2016

A memorandum of understanding

This Memorandum of Understanding is the complete agreement between SAM Computeronix computer sales and services and Azad Mahavidyalaya, Ausa Dist. Latur.

Purpose and scope:

In this agreement starting from 18/07/2016, Azad Mahavidyalaya, Ausa will purchase all the computer hardware's from SAM Computeronix computer sales, and services, Ausa and SAM Computeronix computer sales and services, Ausa will buyback all unused old computers and other hardware's.

Term: This Agreement shall commence upon the Effective Date, as stated above, and will continue until 2025.


Pro. Sayed Ilyas Aja
SAM Computeronix, Ausa


Principal
Azad Mahavidyalaya
Ausa, Dist. Latur. (M.S.)

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Annexure 5

Plants Species In Campus

Sr.No.	Local Name	Botanical Name/ scientific name
1	Ashoka Tree	Saraca asoka
2	Gulmohar	Royal poinciana
3	Subabhdul	Leucaena leucocephala
4	Nandurki	Ficus retusa
5	Royal palm tree	Roystonea regia
6	Sacred fig/ pimple	Ficus religiosa
7	Banyan tree/ wad	Ficus bengalensis
8	Indian almond	Terminalia catappa
9	Neem tree	Azadirachta indica
10	Mango tree	Mangifera indica
11	Karanjgi	Millettia
12	Chinch	Tamarindus indica
13	Ramphal	Annona reticulata





उन्नत भारत अभियान Unnat Bharat Abhiyan

सुशिक्षित भारत - स्वस्थ भारत - स्वच्छ भारत -स्वावलंबी भारत - संपन्न भारत



मैकैनिंक वेदीला प्रकल्प



नल कावळप्रकल्प



बीओगॅपयॉमी कलकलकुट्टीच्या वस्तुनि उपकल्प



प्राथमिक सर्वसाधारण सुविधा



सीर ऊर्जा प्रकल्प

वरील उपकल्पामध्ये सहभाग घेण्याकरीता व ग्रामीण भागाचा विकास करण्याकरीता आपले योगदान आवश्यक आहे

- उन्नत भारत अभियान हे मानव संसाधन विकास मंत्रालय, भारत सरकार यांचा प्रमुख उपकल्प आहे.
- देशातील उच्च शिक्षण संस्थांनी ग्रामीण भागाचा विकास करण्याकरीता आपल्या परिसरातील गावांना दत्तक घेतले जावे.
- महाविद्यालयीन विद्यार्थी व कर्मचारी यांनी जिल्हा प्रशासनामध्ये आपला सहभाग नोंदवून ग्रामीण विकासाच्या योजनेमध्ये आपले योगदान द्यावे.

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Parking



Greenery within Campus :Tree canopy

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Annexure 6



Awareness



Educational tour to Solar power plant at Andur Dist. Osmanabad



Lecture on Ozone Day

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1.3.2 Field Projects / Internships under taken during the year :- 2016 - 2017



Project/Programme Title	No. of students enrolled for Field Projects / Internships
Mudra Pradution	Sathe Shima Baburao
Jal pradution	Jagtap Gitanjali Pandit
Paryavarniy Pradurshan Ani tyachi Tivrata Kami Karne	Salunke Sudhir Suresh
Ecosystem	Sayyed Mahmad Khaimoddin
Jal pradution Karne, Upay	Sutar Seema Shivmurti
Paryawaran Shastra Vyapti Jalproduction Ani Dhavni Production	Kamble Rameshwar Rajendra
Water Pollution	Vibhute Asha Anappa
Pazar Talawamule Shetit Zalela badal	Patil Ravikiran Rangrao
Vyasanadhinta	Chavan Pooja Rajendra
Jalpradutionache Manvi Arogyawar Honare Parinam	Amale Manisha Janardhan
Dhavni Pradution	Sayyed Jeba Babu
Mulumbra Gavatil Darucha	Kadam Prashant Ratan
Paryawaran Pradution	Patil Shubhangi Mukund
Plastic Mule Honare Dushparinam	Chavan Sachin Tayappa
Latur Jilyatil Vayu Pradution	Dhavan Dhanshri Dileep
	Sayyed jeba Babu
	Shaikh Shahanavaj A. sattar
	Randive parshuram shriram
	Shaikh Akhlakh muktar
	Waghmare saroja Dhandiram
	Vibhute Asha Anappa
	Kamble vandana Dagdu.
	Pulsandar Nagnath Bhairamith
	Shaika Arafad Nojuminya
	Chavhan sachen Tauppa
	Kamble Bhimrao Eknath
	Shaikh Takrim A. Jalil
	magar meera Shivaji

(Handwritten signature)

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**ENERGY MANAGEMENT
ASSESSMENT (2016-2021) OF
AZAD MAHAVIDYALAYA, AUSA
AFSAR NAGAR, AUSA TQ. AUSA
DIST. LATUR - 413512**

NAAC Accredited B+
(Affiliated to S.R.T. M. University Nanded)

“EXCELLENCE AND INNOVATION BUILT INTO EVERY DESIGN”

1. Introduction

COLLEGE INTRODUCTION:

Azad Mahavidyalaya, Ausa Accredited B+

Azad Mahavidyalaya, Ausa is a multi-faculty grant in aid, co-educational Minority Status College affiliated to Swami Ramanand Teerth Marathwada university.

Hindustani Education Society was established in 1978 by Hon. Late Nawaboddin Bashamiya Shaikh with a great vision. His vision behind the establishment of the society was to uplift the society. He wanted to spread the stream of knowledge to the society living in the villages. His motto was to start 'Education with a vision for minority and rural transformation.' He was a visionary teacher. After serving in different institutes as a teacher he founded Hindustani Education Society in Ausa which was an educationally and economically backward area.

Intentionally he had chosen the backward area to raise the poor people belonging to minority and other backward classes. In the beginning he started a small primary school which has grown now into a huge multi faculty academic institute fulfilling the dreams of thousands of students and their parents. Azad Mahavidyalaya, Ausa was started in September 1991 by Hindustani Education Society. Today we can see the huge change in the life of the society. This was the magic of Late Mr. N.B. Shaikh. Recently in December 2018 he passed away leaving behind his greatness and saint like character to his thousands of teachers and students.

workshops and seminar. It has an almost 600 research paper publication by faculty members and some faculties has filed/applied for patents.

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**List of the institutions run by
Hindustani Education Society, Ausa**

Sr.No.	Name
1	Azad Mahavidyalaya, Ausa. (Degree college)
2	Azad Jr. College, Ausa.
3	Sharadchandra Mahavidyalaya, Shiradhon. (Degree college)
4	Khaja Nasiruddin Jr. College, Shiradhon.
5	Khaja Nasiruddin Primary School, Shiradhon. (Urdu Medium)
6	Khaja Nasiruddin Primary School, Shiradhon. (Marathi Medium)
7	Khaja Nasiruddin High School, Shiradhon. (Urdu Medium)
8	Khaja Nasiruddin High School, Shiradhon. (Marathi Medium)
9	Azeem Jr. College, Ausa.
10	Azeem ITI, Ausa.
11	Azeem MCVC Vocational College, Ausa.
12	Azeem Primary School, Ausa. (Urdu Medium)
13	Azeem primary School, Ausa. (Marathi Medium)
14	Azeem High School, Ausa. (Urdu Medium)
15	Azeem High School Ausa. (Marathi Medium)
16	Naaz D.Ed. College, Ausa. (Urdu Medium)
17	Naaz D.Ed. College, Ausa. (Marathi Medium)
18	Azad B.Ed. College, Ausa. (Marathi Medium)
19	Azad M.Ed. College Ausa. (Marathi Medium)
20	N.B.S. Polytechnic, Ausa.
21	N.B.S. Institute of Pharmacy, Ausa.
22	Afsar Primary School, Ausa. (Urdu Medium)

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23	Pundit Jawaharlal Nehru Jr. College, Yakatpur.
24	Pundit Jawaharlal Nehru High School, Yakatpur.

CORE VALUES

- Pursuit of Excellence
- Integrity and honesty
- Diversity and Mutual Respect
- Expand horizons of knowledge
- Transparency in Governance
- Societal Commitment
- Lifelong Learning
- Ethical Behavior
- Service to mankind
- National Integrity
- Education with love and humanity
- Skill based education

List of Achievements

- College received B+ Grade with CGPA 2.67 in II cycle accreditation by NAAC on 10 Jan 2016
- College received B Grade with 76.72 % marks in Academic Audit conducted by Swami Ramanand Teerth Marathwada University Nanded in the month March 2020
-

Perspective Plan

- To introduce certificate courses (Every Year)
- To introduce moral and value-added program (2022-23 to 2025-26)
- To start PG program in Zoology, Geography and Physics (2023-2024)
- To start Bridge and remedial Courses (Every Year)
- To arrange programs for slow and advanced learners (Every Year)

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- To develop e-content modules (2024-2025)
- To Sign MOUs with international institutes (2025-2026)
- To acquire recognition to Physics department as a recognized research centre (2025-2026)
- To send major research proposals to DST and UGC (2022-2023)
- To arrange activities of Red Ribbon Club (Every Year)
- To acquire DBT Star College Status (2024-2025)
- To acquire DST FIST College Status (2024-2025)
- To organize Collaborative events (Every Year)
- To enhance Student / Faculty Exchange Programmes (Every Year)
- To initiate start-up on college under incubation centre (2025-2026)
- To construct annex building (2024-2025)
- To construct new departmental cabins (2022-2023)
- To install CCTV surveillance system in classrooms (2023-2024)
- To complete 100% computerization of library (2024-2025)
- To convert all classrooms into ICT based classrooms (2025-2026)
- To collect Rs five lakh as Alumni Fund (2025-2026)
- To organize national level sports events (2024-2025)
- To provide a Free Wi-Fi facility to students by leased line (2025-2026)
- To provide free accommodation facilities to poor students in the hostel. (2025-2026)
- To arrange campus placement drives - (2023 onwards)
- To organize international level conferences/seminars in Physics and English (2024-2025)
- To Participate in NIRF (Every Year)
- To go for academic and administrative audit (2024-2025)
- To strengthen IQAC (Every Year)
- To organize professional development activities such as refresher/ orientation courses in college (2025-2026)
- To strengthen Azad Merit Scholarship scheme (Every Year)
- To initiate the "Earn while Learn scheme". (2024-2025)

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1. COLLEGE VISSION & MISSION:

VISION

“Education with a vision in action for minority and rural transformation.”

MISSION

To impart higher education for all round development of students making them self-reliance and responsible citizen of India.

2. OBJECTIVE OF THE COLLEGE:

OBJECTIVES

- To promote excellence in education.
- To encourage research culture and work culture
- To Inculcate national, human and moral values among students
- To provide education to rural students
- To encourage teachers for quality improvements.
- To make persistence efforts for the overall development of all the languages such as Urdu, English, Hindi and Marathi.
- To stimulate the academic environment by providing necessary advance facilities to the Students of higher education in the era of globalization.
- To develop harmony and Co-ordination among students, parents, teachers and management.
- To develop Self-sufficiency and confidence among the students

AZAD MAHAVIDYALAYA, AUSA demonstrates its commitment to implement sustainable solutions in different ways. It has taken a number of positive steps to reduce possible environmental impact. The management is keen on accepting new ideas of resource management.

The environmental assessment of an educational institute being carried out in different phases.

- To establish a baseline of existing environmental scenario
- To provide basis for improved sustainability

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- To promote environmental awareness through the assessment process
- To create an educational document for future use

In view of making green and eco-friendly campus the organization has taken an important step to understand the environmental parameters within the campus. This report serves to highlight, the efforts towards greener campus. The first step taken in this direction is establishing a baseline of existing condition.

The different environmental criteria's with their current status, action being taken by an institution and effective ways to improve the actionable points being highlighted in this report. Sensitization of all the stakeholders of an institution towards eco-friendly campus is very crucial at this juncture.

2.1 Campus planning and construction

Energy Conservation

The college campus has planned in 8255 Sq.M quite significantly that, there is enough open space, greenery, playground total and 21 ventilated spacious classrooms, 1 sport auditorium and 2 seminar halls to accommodate students. The build-up area is 4390.53 Sq.M. The energy utilization pattern of college on any working day is as follows.

Instructional Area:

SN	Room Type (Mention Class Room/ Lab/Toilet, etc.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and Lighting
1	Classrooms	Yes	Yes	Yes
2	Seminar Hall	Yes	Yes	Yes
3	Laboratory Physics + Electronics	Yes	Yes	Yes
4	Laboratory Chemistry	Yes	Yes	Yes

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SN	Room Type (Mention Class Room/ Lab/Toilet, etc.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and Lighting
5	Laboratory Botany + Microbiology	Yes	Yes	Yes
6	Laboratory Math's	Yes	Yes	Yes
7	Laboratory Computer	Yes	Yes	Yes
8	Laboratory Geology	Yes	Yes	Yes
9	Sport Department	Yes	Yes	Yes
10	Tutorial Room	Yes	Yes	Yes
11	Examination department	Yes	Yes	Yes

Administrative area:

SN	Room Type (Mention Class Room/ Lab/Toilet, etc.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification & Lighting
1	Central Store	Yes	Yes	Yes
2	Faculty Room	Yes	Yes	Yes
3	Housekeeping	Yes	Yes	Yes
4	Security	Yes	Yes	Yes
5	Cabin for Head of Dept	Yes	Yes	Yes
6	Office All Inclusive	Yes	Yes	Yes

Amenities area:

SN	Room Type (Mention Class Room/Lab/Toilet, etc.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification & Lighting
1	Cafeteria	Yes	Yes	Yes
2	Girls Common Room	Yes	Yes	Yes
	Boys Common Room			
3	Stationery Store	Yes	Yes	Yes
4	Toilet	Yes	Yes	Yes
5	First aid cum Sick Room	Yes	Yes	Yes
6	Sport Auditorium	Yes	Yes	Yes
7	Seminar hall	Yes	Yes	Yes

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Circulation Area:

SN	Room Type (Mention Class Room/Lab/Toilet, etc.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification & Lighting
1	Corridors	Yes	Yes	Yes
2	Staircases	Yes	Yes	Yes

Electricity utilization pattern

Activity	Utilization
Classroom - 21, Departments – 8, Laboratories – 6, Computer lab & all Departments, Admin block, Principal office etc., Auditorium, Meeting room, Exam Section, Boys & Girls common room, Sick room, Library etc.	AC - 1, Fan- 27, Wall fan -1, LED Tube light – 25, LED bulb – 3, Corridors & Common area lights - 10, Computers - 25, Printers 3, Server – 1, Xerox machine - 2, Scanner - 1, Projector - 2, Refrigerator 1, Auto clave - 3, Microwave - 1, water Purifier - 1, Water Cooler 1, Water Pumps - 1, CCTV – 10,

S.No	Activity	Utilization	Total units.
1	Classroom 25	1 Tubes, 1 Fans, /class	2 units approximately
2	Departments - 6	2 Tubes, 1 Fans, 1 computer, /department + 1 printer, Xerox machine 1	2 units approximately
3	Laboratories - 6	Laboratory instruments: Hot air oven- 1, Centrifuge- 1, Incubator- 1, Hot plate- 1, Exhaust fan- 2, Fridge- 1	6 units approximately
4	Computer lab	12 Computers, server, UPS, Printer 1, Projector 1, Inverter Batteries- 4 etc.	5 units approximately
5	Admin block	2 Tubes, 2 Fans, /section + 4 computer, 1 printer, Inverter- 2, Xerox machine 1, Inverter Batteries- 2	3 units approximately
6	Water supply pumps, water cooler, bore-well water filter, CCTV -10, Common lights	Pumping and circulation water in the campus	6 units approximately
			24 units approximately

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Action:

- 1) As per the structure of the building the chemistry laboratories are placed in such a way that hazardous fume discharges outside the building.
- 2) Height and size of the windows in classrooms and laboratories provide adequate ventilation. There is no heat trapping mechanism and glare due to excessive use of glass in the campus.
- 3) There is less construction cost due to well-designed structure. Interaction space for the students is maintained, thus utilizing the optimum space.
- 4) There is consideration for disaster management.
- 5) Strictly turning of monitors, fan, tube lights, and laboratory instruments after the work.
- 6) Organizing lectures on energy conservation in order to give awareness to the students.
- 7) Perhaps the most significant improvement has been the general switch from CRT (cathode ray tube) monitors to LED (Light Emitting Diode display)/flat panel display monitors. This change occurred in response as an initiative for meeting Kyoto Protocol standards. Although over twice as expensive up front, LCD monitors are estimated to use 40-60% less energy overall than CRTs.

- 1) All computers purchased by the college have an Energy Star rating, which is beginning to be a standard requirement for computers.

Retired computers and other equipment are sent to e-storage room and then it is collected by vendor. **(See annexure – E-waste vendor letter)**

- 2) During practice session for computer course the printouts being taken on one sided used paper.

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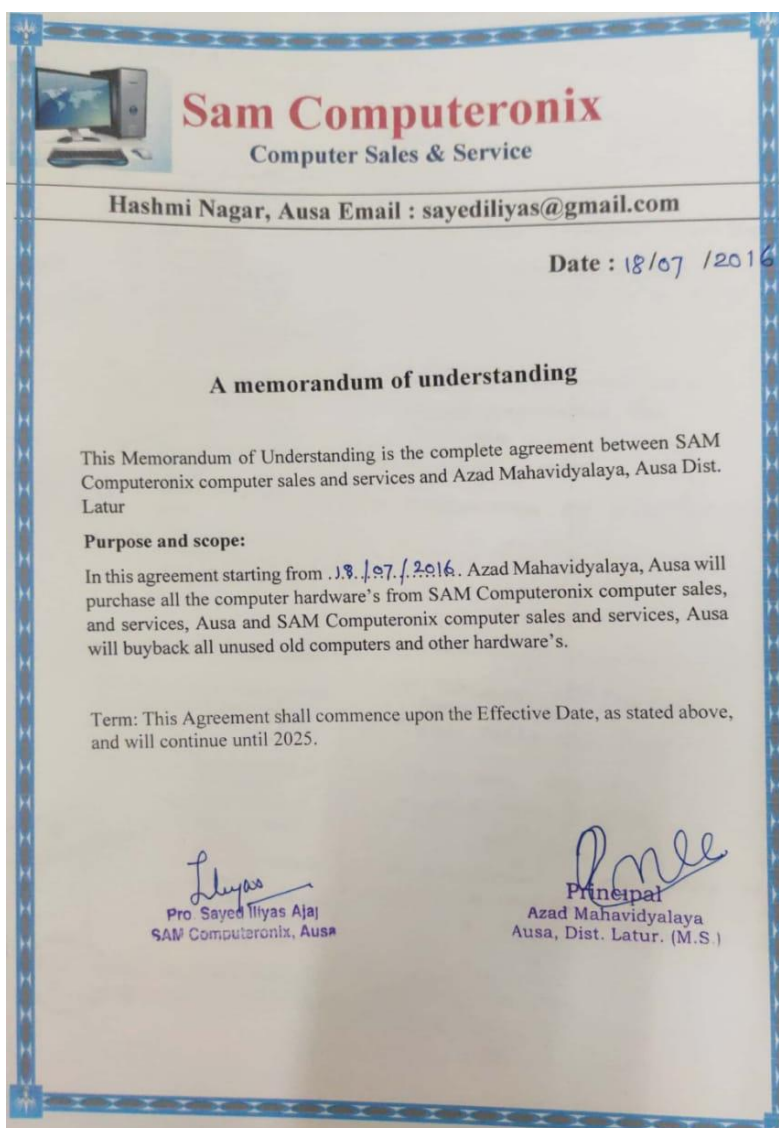
- 3) All tubes and bulbs being used of LED types
- 4) Due to ample cross ventilation and windows there is very less electricity consumption during day time.

Conclusion:

The findings of this report show that the college performs fairly well on sustainability issues. The college does consider the environmental impacts of most of its actions and makes a concerted effort to act in an environmentally responsible manner. In conversations with faculty, staff, and administration at the college, a major theme has been the improvements made over the last many years in how the college performs environmentally.

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Annexure 1 – E-waste vendor



Team of Assessors

- * Dr. B.R. Mardikar
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- * Dr. B.G. kulkarni
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- * Dr. Swapnil Sheth
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- * Ar. Indrayani Dasare
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