



Supporting Documents for the Metric 7.1.3

7.1.3: Quality audits on environment and energy regularly undertaken by the Institution.

The institutional environment and energy initiatives are confirmed through the following:

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

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Document No. 1: Policy document on environment and energy usage.



Mula Education Society's

Arts, Commerce and Science College, Sonai



Tal. Newasa, Dist. Ahmednagar - 414105

ENVIRONMENT POLICY

(ISO 14001:2015)

The Mula Education Society's (MES) Arts, Commerce and Science (ACS) College is very keen to protect environment and any of the activities practiced in the institution are not causing any harm to its stakeholders or to the society in general. Specific action would be taken to prevent that. The primary goal of environmental policy is to protect natural systems.

It is, therefore, a core value of the institute to preserve and protect the environment. As we advance, scientific understanding regarding the fundamental interrelationship between human health and the environment, we will proactively demonstrate our commitment to environmental stewardship and sustainable development. Through implementation of this policy, MES's ACS College, will serve as a leader by advancing environmental conservation commitment within our own programs and facilities, and in the broader community.

AIMS AND OBJECTIVES:

- i. Develop and maintain environmental management programs with objectives and targets to minimize adverse environmental impacts.
- ii. Comply with all applicable environmental, health, and safety laws, regulations, and other requirements.
- iii. Implement effective pollution prevention and waste minimization programs to reduce, reuse, and recycle materials.
- iv. Ensure that energy and water are used responsibly and conserved through innovative practices and procedures.
- v. Provide all institute staff with the knowledge and tools needed to meet the goals of this policy and to actively participate in efforts to prevent negative environmental impacts.

Management Representative

Date-01-06-2022

PRINCIPAL
Mula Education Society's
Arts, Commerce & Science College,
Sonai, Tal. Newasa, Dist. A'Nagar-414105

EP-ACS-SONAI-01

Document No. 2: Green Audit / Environment Audit / Energy Audit reports.

Sr. No.	Academic Year	Link
1.	2021-22	https://acscollegesonai.edu.in/wp-content/uploads/2022/10/Env.-reports-2021-22.pdf
2.	2020-21	https://acscollegesonai.edu.in/wp-content/uploads/2022/10/Env.-reports-2020-21.pdf
3.	2019-20	https://acscollegesonai.edu.in/wp-content/uploads/2022/10/Env.-reports-2019-20.pdf
4.	2018-19	https://acscollegesonai.edu.in/wp-content/uploads/2022/10/Env.-reports-2018-19.pdf

Document No. 3: Certificate from the auditing agency.



CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Mula Education Society's Arts Commerce and Science College

Main Site: A/P- Sonai - Rahuri Road, Sonai, Taluka, Newasa,
Dist Ahmednagar - 414105, Maharashtra, India

has been registered by Intertek as conforming to the requirements of:

ISO 14001:2015

The management system is applicable to:

Provision of Higher Secondary Education, Bachelor's Degree, Diploma,
Graduate and Undergraduate programs in Arts, Commerce and Science
Streams.

Certificate Number:
0129849

Initial Certification Date:
12 October 2022

Date of Certification Decision:
12 October 2022

Issuing Date:
15 October 2022

Valid Until:
11 October 2025



intertek



Calin Moldovean
President, Business Assurance

Intertek Certification Limited, 10A Victory Park,
Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS
accredited body under schedule of
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Details of Auditing Agency

10/16/22, 11:29 AM

List of Certification Bodies -QMS

[Link to QCI Home Page](#)



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Webinar's PPTs

List of Certification/Inspection Bodies

EMS

EnMS

FSMS

IB

ISMS

ITSMS

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QMS

MDQMS

ISO 15378

TDRMS

ISO 21001

VVB

ISO 27701

ICMED

BCMS

Please click on the tabs above for list and detailed information on NABCB Accredited Bodies or specific Accreditation Schemes

List of Certification Bodies -QMS

Quality Management Systems

Sl.No.	Accreditation No.	Name of the Certification Bodies	Valid From	Valid Upto
1	QM001	DNV Business Assurance India Pvt. Ltd.	21 Jun 2001	20 Sept 2024
2	QM002	Tuv India Pvt. Ltd.	12 Sept 2002	11 September 2025
3	QM003	Bureau Veritas (India) Pvt. Ltd.	14 Apr 2003	13 Apr 2026
4	QM004	Integrated Quality Certification Pvt. Ltd.	11 Sept 2003	10 Sept 2024
5	QM005	AGSI Certification Pvt. Ltd.	12 Apr 2004	11 Apr 2026
6	QM006	IRCLASS Systems and Solutions Private Limited (Operating certification services through its Division Indian Register Quality Systems)	19 Apr 2004	18 Apr 2023
7	QM008	BSI Group India Pvt Ltd.	12 Aug 2004	11 Aug 2023
8	QM009	International Certifications Services Private Ltd.	16 Aug 2004	14 Dec 2023
9	QM010	TUV Rheinland (India) Pvt. Ltd.	16 Aug 2004	15 Aug 2023
10	QM011	TUV SUD South Asia Pvt. Ltd.	29 Nov 2004	28 Apr 2024
11	QM012	NVT Quality Certification International LLP	09 Mar 2005	30 May 2024

https://nabcb.qci.org.in/accreditation/reg_bod_qms.php

1/2

12	QM016	URS Certification Ltd.	02 Feb 2006	01 Feb 2025
13	QM022	Vexil Business Process Services Pvt. Ltd. (Accreditation was not valid during 21 Dec 2020 to 16 Mar 2021)	21 Jun 2006	20 Jun 2024
14	QM027	SGS India Pvt. Ltd.	16 Oct 2006	15 Oct 2024
15	QM028	MTIC Intercert India Pvt. Ltd. (Formerly called TUV Intercert Saar India Pvt. Ltd.) (Accreditation was not valid during 27 Apr 2021 to 19 July 2021)	27 Oct 2006	26 Oct 2024
16	QM030	BSCIC Certifications Pvt. Ltd.	15 Mar 2007	14 Jul 2026
17	QM031	SWISS CERT Pvt. Ltd.(Formerly Swiso India Pvt Ltd)	19 Mar 2007	18 Jun 2026
18	QM033	Intertek India Pvt. Ltd.	18 Apr 2007	17 Apr 2026
19	QM034	STQC Directorate (Operating certification services through STQC Certification Services)	18 Apr 2007	17 Mar 2023
20	QM037	Apave Assessments India Pvt. Ltd.	12 Dec 2008	11 Dec 2023
21	QM039	Tata Projects Ltd., Operating certification services through their Division TQ Services	24 Apr 2009	23 Apr 2024
22	QM044	Quality Austria Central Asia Pvt. Ltd.	01 Feb 2013	31 Jan 2024
23	QM046	Nepal Bureau of Standards and Metrology	20 Mar 2013	19 Jun 2024
24	QM050	Bureau of Indian Standards	16 Dec 2013	15 Mar 2025
25	QM051	ACM Certification Pvt. Ltd.(Accreditation was not valid during 07 oct 2021 to 04 Jan 2022)	07 Apr 2014	06 April 2025
26	QM052	Maverick Quality Advisory Services Pvt. Ltd.	02 Jun 2014	01 Jan 2026
27	QM055	AITF Management Certification Ltd	15 Jul 2016	14 Jul 2023
28	QM057	Equalitas SystemCert Pvt. Ltd.	02 May 2017	01 May 2024
29	QM058	QUEST Certification (P) Ltd.	12 Jun 2017	11 Sept 2024
30	QM060	Bhutan Standards Bureau	05 Oct 2018	04 Oct 2025
31	QM061	Standards Organisation of Nigeria	31 Dec 2018	30 Dec 2025
32	QM062	Zenith Quality Assessors Pvt. Ltd.	15 Jul 2019	14 Jul 2026
33	QM064	Prime Certification & Inspection India Pvt. Ltd.	12 Dec 2019	11 Dec 2022
34	QM065	COAE International Pvt. Ltd. (Accreditation transfer from NABET to NABCB v.e.f. 29 Jan 2020)	05 Apr 2019	04 April 2026
35	QM066	BSA International Certification Co. Pvt Ltd.	17 Mar 2020	16 Mar 2023
36	QM067	Cotecna Inspection India Pvt. Ltd.	23 Jun 2020	22 Jun 2023
37	QM068	Innovative Quality Certifications Pvt. Ltd.	09 Jul 2020	08 Jul 2023
38	QM069	ACM EMB Pvt. Ltd.	08 Apr 2021	07 Apr 2024
39	QM070	UL India Pvt. Ltd.	20 Apr 2021	19 Apr 2024
40	QM071	Deutsch Quality Systems (India) Pvt. Ltd.	12 May 2021	11 May 2024
41	QM073	Society of Defence Technologists Certification Body (SCB under SODET)	18 Aug 2022	17 Aug 2025



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Accreditation Body

IAF MLA Signatory

UKAS (United Kingdom Accreditation Service)

Code of Conduct Adopted: 12 Dec 2003

<http://www.ukas.com>

United Kingdom

Mr. Rob Bettinson

Technical, Quality & Risk Director

Address

2 Pine Trees
Chertsey Lane
Staines-upon-Thames
TW18 3HR
United Kingdom

Email Address

rob.bettinson@ukas.com

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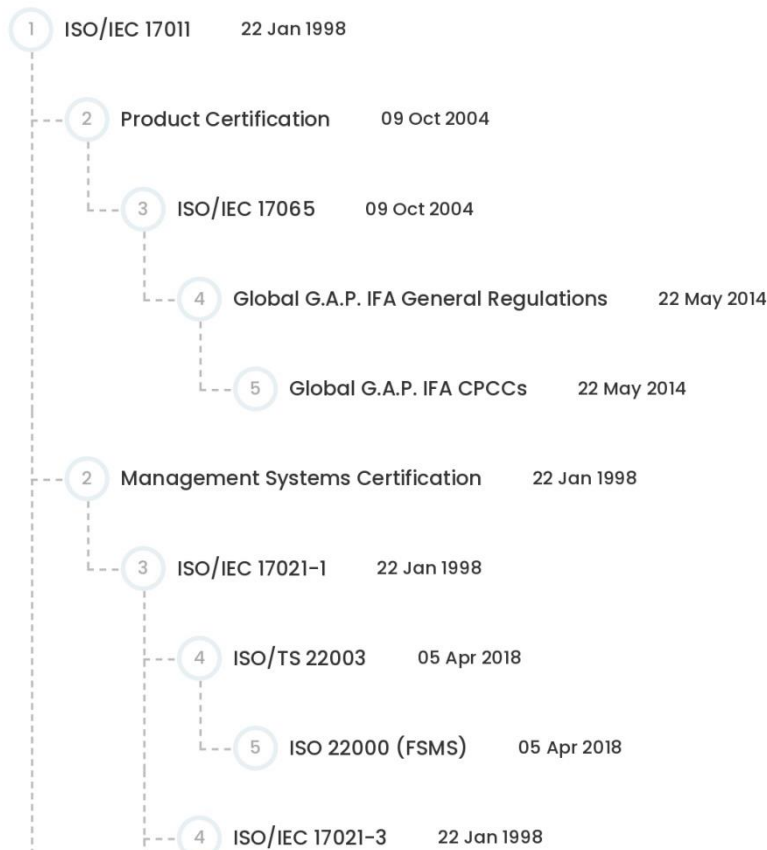
IAF MLA Level 1 (endorsed normative document for Accreditation Bodies)

IAF MLA Level 2 (main scope with Level 3)

IAF MLA Level 3 (main scope with Level 2)

IAF MLA Level 4 (Level 4 sub-scope)

IAF MLA Level 5 (Level 5 sub-scope)



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प्रकृति: न कदापि खंडितः

ENVIPRA

Environmental Services

MSME Registration no. Government of India; URN: MH- 26-0167374

Date: 26th July, 2021

CERTIFICATE

This is to certify that the ENVIPRA Environmental Services, Pune has conducted detailed **“Green Audit”, “Energy Audit” and “Environment Audit”** of **Mula Education Society’s Arts, Commerce and Science College, Sonai** Tal Newasa, District – Ahmednagar – 414105 during the academic year 2020-2021.

The Audit procedure was conducted in accordance with International Standard of Organization (ISO), National Assessment and Accreditation council (NAAC), Central Pollution Control Board and Ministry of Environment, Forest and Climate Change, New Delhi.

The audit involves green inventory, water, energy, waste, etc. and gives an **“Environmental Management Plan”**, which the College can follow to minimize impact on institutional working framework.

In an opinion and to the best of our information after frequent visits to the campus for validation of the data given to us, Green Audit and Environment Audit gives a true and fair view in conformity with environmental auditing principles accepted in India.

V. P. Raul

Ms. Vidula Raul

Auditor

Certificate no. 25363

प्रकृति: न कदापि खंडितः

99 60 57 41 72 | envipra.enviro@gmail.com

996 / 997 Budhwar Peth, Laxmi Road, Pune, 411002, Maharashtra, india.



प्रकृति: न कदापि खंडितः

ENVIPRA

Environmental Services

Date: 23rd January 2020

CERTIFICATE

This is to certify that the ENVIPRA Environmental Services, Pune has conducted detailed **"Green Audit", "Energy Audit" and "Environment Audit"** of **Mula Education Society's Arts, Commerce and Science College, Sonai Tal Newasa, District – Ahmednagar – 414105** during the academic year 2019-2020.

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V. P. Raul

Ms. Vidula Raul
Auditor

ENVIPRA Environmental Services
997, Budhwar Peti,
Pune - 411002



प्रकृति: न कदापि खंडितः

ENVIPRA

Environmental Services

Date: 5th January 2019

CERTIFICATE

This is to certify that the ENVIPRA Environmental Services, Pune has conducted detailed **"Green Audit", "Energy Audit" and "Environment Audit"** of **Mula Education Society's Arts, Commerce and Science College, Sonai Tal Newasa, District – Ahmednagar – 414105** during the academic year 2018-2019.

The Audit procedure was conducted in accordance with International Standard of Organization (ISO), National Assessment and Accreditation council (NAAC), Central Pollution Control Board and Ministry of Environment, Forest and Climate Change, New Delhi.

The audit involves green inventory, water, energy, waste, etc. which the College can follow to minimize impact on institutional working framework.

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V. P. Raul

Ms. Vidula Raul

Auditor

ENVIPRA Environmental Services

997, Budhwar Peti,
Pune - 411002

Document No. 4: Certificates of the awards received from the recognized agency.



Document No. 5: Report on environmental promotional activities conducted beyond the campus with geo tagged photographs with caption and date.



Mula Education Society's
Arts, Commerce & Science College, Sonai.
Department of NSS

ACA – R - 16	Event Report	Academic Year: 2021-22
Rev : 00		Annual/Semester: I / II
Date: 15.06.2018		
Ref: MES/ACSC/ACA/2021-22/		Date: 12/10/2021

Environment awareness and vigilance drive

Environment awareness and vigilance drive was organised at primary health centre, Sonai on 29th October 2021 by N.S.S. Department of MES's Arts, Commerce and Science College sonai in joint collaboration with MAYESA, foundation, Pune. The activities like 1. Eradication of Congress Hay 2. Conservation of indigenous trees 3. Plastic Free Campus were organized. Dr Kasabe of Primary Health Centre graced the occasion as a Chief Guest Dr. Shah Madam, Dr. Virkar were also present. Dr. Dnyandev Zine, vice principal was Preceded over the function. The activity was planned and organised by Miss. Chaitali Kshirsagar, Director of Maharashtra Youth For Environmental Sustainability Awareness (MAYESA), foundation and N.S.S. Department of the College. Dr. Vitthalrao Darandale of Department of Botany introduced aims, objectives of N.S.S. and also introduced planning of Regular Activities of N.S.S. Miss. Chaitali Kshirsagar introduced the activities of eradication of Congress hay, conservation of indigenous trees and plastic free campus. The N.S.S. volunteers clean the campus of plastics. The participants also were given cotton bags. Dr. Kasabe appreciated the activity and appealed the participants to use mask, to maintain social distancing and for cleaning hands by washing with sanitizers. Dr. Dnyandev Zine Said that security of environment is the responsibility of everybody and appealed the students to maintain it.

N.S.S. Program officer Prof. Balasaheb Khedkar introduced the function. the program was anchored by Prof. Tukaram Jadhav, Prof. Sharad Auti proposed the vote of thanks. In total 200 N.S.S. Volunteers, 10 teachers and 20 PHC employees were present.



Dr. RajendraKasabe delivered a talk; 12/10/2021



Dr. DnyandevZine deGlivered a talk, 12/10/2021



Ms. Chaitali Kshirasagar distribute cotton bags, 12/10/2021



NSS volunteers participate in that activity, 12/10/2021



Ms. ChaitaliKshirasagar introduce the activities, 12/10/2021



Mr. BalasahebKhedkar introduce the function, 12/10/2021



Mula Education Society's
Arts Commerce and Science College, Sonai

*NAAC reaccredited 'A' grade
DBT Star Sponsored*

One Day Workshop
On
AMRUTA (GILOY) For LIFE and Plant Distribution Program
Organized by
Regional cum Facilitation Centers (Western Region) National Medicinal Plant Board,
Ministry of AYUSH, Government of India,
MES's Arts Commerce and Science College, Sonai
&
Lakshicon Biorganics, Newasa Ahmednagar

Date: 3 March 2020
Venue: Seminar Hall

Mula Education Society's, Arts, Commerce and Science College, Sonai, Department of Botany, has organized Workshop on **"AMRUTA (GILOY) For LIFE and Plant Distribution Program"** on 3 March, 2020. The workshop was sponsored Regional cum Facilitation Centers (Western Region) National Medicinal Plant Board, Ministry of AYUSH, Government of India. Principal Dr. Shankar L. Laware welcomes resource person, dignitaries, delegates and participants in the workshop. Dr. Avinash Ade (Head Dept. Botany, Dept. of Botany, Savitribai Phule Pune University Pune), Prof. Dr. B.M. Gaykar (BOS Chairman, Botany, SPPU, Pune), Dr. B.J. Apparao were the Chief guest for workshop and Dr. Digambar Mokate was the resource person. Dr. V.K. Deshmukh (Joint Secretary MES) was president for the Inaugural function of the workshop. Dr. Ashok Tuwar made introduction of the workshop as well as resource person, dignitaries, delegates and participants in the Workshop. Principal Dr. Shankar L. Laware gave his presidential speech. Coordinator Dr. Vitthalrao Darandale gave vote of thanks for inaugural function. Mr. Kiran Arangale done the anchoring.

In this workshop the session was conducted by Resource person Dr. Digambar Mokate (Dept. of Botany, Savitribai Phule Pune University Pune and Regional officer, RCFC). He explained medicinal uses, Economic importance, Cultivation techniques and Marketing of *Tinospora cordifolia*. After his lecture he was made discussion with participants. After this session Principal Dr. Shankar Laware, Chief guest Dr. Avinash Ade and Dr. Dr. Digambar Mokate distributed free of cost seedlings of *Tinospora cordifolia* (Gulvel) to participants.

After seedling distribution programmed Dr. Avinash Ade gives his speech regarding medicinal plants and their values in day today life. Some of the participants was talked about usefulness of workshop and gives appropriate feedback about organization and content of workshop. Mr. Dnyaneshwar Tuwar gave vote of thanks for this session. In this workshop about 100 participants were participated in that 25 were farmers other were students.

We are very thankful to Regional cum Facilitation Centers (Western Region) National Medicinal Plant Board, Ministry of AYUSH, Government of India, Lakshicon Biorganics, Newasa Ahmednagar for the workshop, and Dr. V. K. Deshmukh Joint Secretary of MES Sonai, Principal of our college for supporting us to organization of the workshop. For this workshop Dr. V. E. Darandale was worked as Coordinator.







Environmental promotional activities

Document No. 6: Action taken reports and achievement report as clean and Green campus initiatives.

I. Suggestions and Recommendation by Environment Audit Committee 2018-19

1. Water Audit:

Recommendation:

Water monitoring and maintenance of storage tanks in the campus could be done frequently to observe loss during distribution process.

Action Taken

As per the suggestion of Environment Audit Committee, 2018-19 (water audit), the institution has taken immediate action in monitoring and maintenance of storage tanks in the campus to observe water loss during distribution process. The storage tanks were either renovated or repaired to avoid leakage and loss of water.

2. Waste disposal Audit:

Recommendation:

1. Reduction in use of paper work by go digital system.

Action Taken

The institution has purchased several computers and college office, examination section and all major departments were computerized. This has helped us in reducing the use of paper work. College also purchased several software like College Management System (Vridhhi) and accounts software to minimize the use of paper.

Recommendation:

Increase in Environmental promotional activities for spreading awareness at campus.

Action Taken:

Biodiversity Walk was organized on 30th July, 2022, for students and faculty in the premises of Mula Education Society's Arts, Commerce and Science College Sonai. In this walk the students and faculties were introduced to the Biodiversity in the college premises.



Biodiversity Walk in the college campus

In addition to this the following webinars have been organized in the institution to create awareness about environment in the students.

1. An online webinar entitled “Ozone Treaties and Sustainable Goals” was organized in the institution on 16.09.2022 on the occasion of Ozone Day. This involved the use of video-conferencing.
2. A webinar was organized on 22nd May 2021 on the theme of ‘Water Issues and Emerging Technologies’. Rotarian Satish Khade, Rotary international Pune guided students and teachers on water issues and emerging trends with respect to water. Total 195 participants from various colleges of Ahmednagar District were benefited.
3. A webinar on 5W1H of Bird Watching was organized on 29 May 2021. Satish N. Gogate, Biodiversity Enthusiast, Nashik delivered the key note address. Total 410 participants were benefitted by the program.
4. A Webinar on ‘Forts in Shyadri: Environment, Tourism and Guidance’ was organized on 12th June 2021. Dr. Sachin A. Punekar, Environmentalist and Founder President of

Biospheres delivered the key note address. Total 313 participants were benefitted by the program.

5. A Webinar on 'Perspective of Water Centric Sustainability for Future' was organized on 12th July 2021. Dr. Pradnya Kalekar, Executive Technical Advisor of ENVIPRA Environmental Services, Pune delivered the key note address. Total 128 participants were benefitted by the program.

Recommendation:

Display of environment awareness posters should be there in the prominent areas in the campus.

Action Taken:

Posters on various themes related to Environment Awareness were displayed at various prominent places/areas in the college campus as well as academic buildings.

In association with
Shri Shivaji Education Society,
Vidyanagar, Karad
Board for Higher Education's
Vidyanagar, Karad
YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD

Mula Education Society's
Arts, Commerce and Science College, Sonai
Tal. Newasa, Dist. Ahmednagar- 414105
&
MAESA Foundation, Pune

Organizes
STATE LEVEL WEBINAR
On the Occasion of
WORLD NATURE CONSERVATION DAY

Topic | Role of Traditional Knowledge and Tribal Wisdom in Nature Conservation

Speaker

 **Dr. Nilesh Heda**
Director
Greenza Soil and Water Testing Laboratory
Karanja Lad, Washim
and Greenza Producer Company Ltd.

Wednesday, 28th July 2021
03:30 PM (IST)

Register here:
<https://forms.gle/o11C2rfKZLHJGUPi6>

GET IN TOUCH WITH US:
mayesaenv@gmail.com | +91-9096132046

(Organising Secretary)
Dr. Sushama Kirtane
ECO-CLUB Chairperson
Yashwantrao Chavan College
of Science, Karad
Dist. Satara - 415124

(Co-Convener)
Ms. Chaitali Kshirsagar
Director
MAESA Foundation

(Convener)
Dr. Shankar Laware
Principal
Arts, Commerce and Science
College, Sonai, Newasa
Ahmednagar - 414105

(Chairman)
Dr. S. B. Kengar
Principal
Yashwantrao Chavan College
of Science, Karad
Dist. Satara - 415124

II Suggestions and Recommendation by Environment Audit Committee 2019-2020.

Water Audit

Recommendation:

1. Rainwater harvesting systems could be installed as there is a facility available in every building for reusing of water.

Action Taken:

A rainwater harvesting system has been installed on the rooftop of science building.



Rooftop Rain water harvesting unit installed in the science building

2. Ground water recharge system could be initiated to increase ground water table as green initiative.

The institution has installed two groundwater recharge units in the campus. The first unit



Ground Water recharge unit installed at the behind principal's office

was installed behind the Principal cabin while the second one was installed in proximity of Science Building.

Waste disposal audit

Recommendation:

Recycling campaigns, e-waste management, Anti-plastic campaigns, and sustainable goal awareness programs can be conducted for stakeholders.

Action Taken: The institution has organized 6-day Short term course on “Basics on Environment” to students of this institution during 27.10.21 to 1.11.21 The objectives of this short term course is to make students understand the basic concepts of environment, importance of environment protection, environment management practices and become green ambassadors. As many as 87 students have taken active part in this course.

Energy audit

Recommendation:

Consider the use of tele- or video-conferencing for meetings where ever feasible

Action Taken:

An environmental audit meeting was conducted online through video conferencing. In this, students and faculty were interviewed online



Environmental lead auditor Mr. Suresh Tunkur collecting feedback from students during ISO 14001:2015 stage II audit through Video conferencing

III. Suggestions and Recommendation by Environment Audit Committee 2020-21.

Waste disposal audit

Recommendation:

The ACSC campus is to be declared as a plastic-free campus.

At present plastic collection drive is in practice. We are creating awareness about hazardous effects of plastic especially its non-degradable nature. We expect the campus to be plastic free in near future.



Energy audit

Recommendation

The public lights within the campus may be run with solar panels and the replacement of existing lights should be done with LED lamps.

Action taken:

All conventional bulbs and tubes which require high wattage, in the college, were replaced with LED lamps.



LED Lights in E Content Development Lab