



1st Surveillance Audit Report (28.01.23)

GENDER EQUALITY CERTIFICATION
General Observations about Surveillance Audit and Improvement Areas

Strength:

Highly qualified & experienced faculty.
Eminent scientists & scholar academicians are visiting
Good Infrastructure,
Gender Policy nicely defined.
Evidenced the Constitution of Gender Committee record.
Periodic awareness programme for staff, students and society are conducted periodically and records are maintained.
Scope of Gender Audit Defined.
Gender Audit Methodology define.
Constitution of ICC Committee.
Power & duties of ICC Committee defined.
Procedure for registering Complaints is documented.

Observations:

- 1- Gender Policy not displayed.
- 2- Data analysis on yearly basis not worked out.

Recommendations:

Since there is no major non conformities observed during the certification audit, we recommend the **KSK Arts, Science & Commerce College, Beed** for continuation of **ISO 14001:2015 Certifications till next audit.**

Observations raised in this audit shall be reviewed in recertification audit.

Re-certification audit shall be planned on or before 25th Jan. 2024.

Rajendram Jain

R.M.Jain
Lead Auditor

Assure Quality Management Certification Services Private Limited

1172, Sector-11, Panchkula - 134109, Tricity Chandigarh- India
Phone : + 91-9216183238, 9216283238, 9878683238, E-mail : sales@aqmcs.com, aqmcs@aqmcs.com, www.aqmcs.com





1st Surveillance Audit Report (28.01.23)

GREEN AUDIT

General Observations about Surveillance Audit and Improvement Areas

Strength:

Highly qualified & experienced faculty.
Eminent scientists & scholar academicians are visiting
Good Infrastructure,
Environmental Policy nicely defined.
Evidenced the Constitution of Committee record.
Periodic awareness programme for staff, students and society are conducted periodically and records are main
Numbers of Trees planted per year is maintained.
Establishment of oxygen park, plantation of ox rich plants
No Smoking, No Tobacco' in campus area:
No Vehicle Day' in college at least twice in a month:
Periodic rallies and road shows for awareness:
Exhaust fans in laboratory and library:
Maintain data for flora of college campus:
Silence zones in college like library, auditorium:
No pressure horns for vehicle:

Observations:

- 1- Environmental Policy not displayed.
- 2- Rain water Harvesting has done however no technical data is collected

Recommendations:

Since there is no major non conformities observed during the certification audit, we recommend the **KSK Arts, Science & Commerce College, Beed** for continuation of **ISO 14001:2015 Certifications till next audit.**

Observations raised in this audit shall be reviewed in recertification audit.

Re-certification audit shall be planned on or before 25th Jan. 2024.

Rajendramjain

R.M.Jain
Lead Auditor

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A003 Rev.04, 23Jan.2018



Geotek Global Certification Pvt. Ltd.

Office No. 102, Raj Legacy, Near Bramhand Phase 5, Off. GB Road,
Thane (West), Pin 400607, Maharashtra, India
Website : www.geotek.co.in , e mail : info@geotek.co.in

1st Surveillance Audit Report (29.01.23)

ISO 50001:2018- Energy Audit

General Observations About Surveillance Audit And Improvement Areas

Strength:

Highly qualified & experienced faculty.
Eminent scientists & scholar academicians are visiting
Good Infrastructure,
Energy Policy nicely defined.
Evidenced the Constitution of Energy Committee record.
Periodic energy conservation programme for staff, students and society are conducted periodically and records are maintained.
Scope of energy audit is defined.
Energy audit methodology
System study during energy audit.
Identified Energy saving opportunity
Average Cost of Power is worked out.
Tariff category comparison study has done.
Analysis of Connected Load in Campus Other Than Motive Poweris carried out.
Energy Saving Opportunity Details
Relief in Load on Split Air conditioner in instrument lab(senior)
Solar power plant
Awareness program & sign Board Display near switch board
Power & Harmonics measurement of computer Laboratory
Power Losses measured in operation of UPS
Illumination measurement & study
List Of Instrument used for measurement in Energy Audit

Observations:

- 1- Energy Policy not displayed.
- 2- Solar panels are fitted on the roof however no technical data is collected.

Recommendations:

Since there is no major non conformities observed during the certification audit, we recommend the KSK Arts, Science & Commerce College, Beed for ISO 50001:2018 Certifications.

Observations raised in this audit shall be reviewed in next surveillance audit.

First surveillance audit shall be planned on or before 25th Jan. 2024.

R.M.Jain
Lead Auditor



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1st Surveillance Audit Report (28.01.23)

ISO 14001:2015

General Observations About Surveillance Audit And Improvement Areas

Strength:

Highly qualified & experienced faculty.
Eminent scientists & scholar academicians are visiting
Good Infrastructure,
Environmental Policy nicely defined.
Evidenced the Constitution of Committee record.
Periodic awareness programme for staff, students and society are conducted periodically and records are maintained.
Numbers of Trees planted per year is maintained.
Establishment of oxygen park, plantation of ox rich plants
No Smoking, No Tobacco' in campus area:
No Vehicle Day' in college at least twice in a month:
Periodic rallies and road shows for awareness:
Exhaust fans in laboratory and library:
Maintain data for flora of college campus:
Silence zones in college like library, auditorium:
No pressure horns for vehicle:

Observations:

- 1- Environmental Policy not displayed.
- 2- Rain water Harvesting has done however no technical data is collected.

Recommendations:

Since there is no major non conformities observed during the certification audit, we recommend the KSK Arts, Science & Commerce College, Beed for continuation of ISO 14001:2015 Certifications till next audit.

Observations raised in this audit shall be reviewed in recertification audit.

Re-certification audit shall be planned on or before 25th Jan. 2024.

R.M.Jain
Lead Auditor



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1st Surveillance Audit Report (27.01.23)

ISO 21001:2018

General Observations About Surveillance Audit And Improvement Areas

Strength:

Qualified & experienced faculty.
Eminent scientists & scholar academicians are visiting
A unique library with good collection of books.
Good Infrastructure, Good student strength, Qualified staff, one gate controlled entry for all college.
Fully equipped Laboratories, Research promoting environments. Separate Office admin building,
Sufficient service windows for students, student charter is displayed & monitored strictly.
Record keeping in Sports Dept. Is excellent. Good sports achievements in National & International Level.

Observations:

- 1- Identification on glass wares required.
- 2- C.Vs.of some staff members found not updated for awards & recognitions.
- 3- Future plans are not time bound.
- 4- Monthly and yearly analysis to be done for various activities, like number of students and staff visited monthly & yearly in Library.

Recommendations:

Since there is no major non conformities observed during the certification audit, we recommend the **KSK Arts, Science & Commerce College, Beed** for continuation of ISO 21001:2018 Certifications.

Observations raised in this audit shall be reviewed in next surveillance audit.

Re-certification audit shall be planned on or before 25th Feb. 2024.

R.M.Jain
Lead Auditor



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Website : www.geotek.co.in , e mail : info@geotek.co.in

Ref: ISO/GGCPL/23-24/11

Date: 30.01.2023

M/s
Navgan Shikshan Sanstha, Rajuri(N)
Mrs. Kesharbai Sonajirao Kshisagar Alias Kaku
Arts, Science & Commerce College,
Beed.

Sub.: Continuation of ISO 14001:2015 Certificate

Dear Sir,

We are pleased to inform you that upon verification of reports of First Surveillance of ISO 14001:2015 Audit of your Organization KSK Arts, Science & Commerce College, Beed, conducted by us on 28.01.2023, your corrective action plan and based on the acceptance of Certification Decision Committee we hereby confirm that your Certificate of Compliance bearing # 21.GGCS.IN.140182 issued on 31.01.2022 will stand continued till 30.01.2024.

We take this opportunity to congratulate you and your team for all efforts in effectively implementing and maintaining the documented system.

Thanking you and assuring to provide best of our services at all times.

Your next audit shall be conducted on or before January-24.

Thanks & warm regards.

Rajendramjain

R.M.Jain
Lead Auditor



Geotek Global Certification Pvt. Ltd.

Office No. 102, Raj Legacy, Near Bramhand Phase 5, Off. GB Road,
Thane (West), Pin 400607, Maharashtra, India
Website : www.geotek.co.in , e mail : info@geotek.co.in

Ref: ISO/GGCPL/23-24/09

Date: 30.01.2023

M/s
Navgan Shikshan Sanstha, Rajuri(N)
Mrs. Kesharbai Sonajirao Kshisagar Alias Kaku
Arts, Science & Commerce College,
Beed.

Sub.: Continuation of ISO 21001:2018 Certificate

Dear Sir,

We are pleased to inform you that upon verification of reports of First Surveillance ISO 21001:2018 Audit of your Organization KSK Arts, Science & Commerce College, Beed, conducted by us on 27.01.2023, your corrective action plan and based on the acceptance of Certification Decision Committee we hereby confirm that your Certificate of Compliance bearing # 21.GGCS.IN.211261 issued on 31.01.2022 will stand continued till 30.01.2024.

We take this opportunity to congratulate you and your team for all efforts in effectively implementing and maintaining the documented system.

Thanking you and assuring to provide best of our services at all times.

Your next audit shall be conducted on or before January-24.

Thanks & warm regards.

Rajendramjain
R.M.Jain
Lead Auditor



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Website : www.geotek.co.in , e mail : info@geotek.co.in

Ref: ISO/GGCPL/23-24/13

Date: 30.01.2023

M/s
Navgan Shikshan Sanstha, Rajuri(N)
Mrs. Kesharbai Sonajirao Kshisagar Alias Kaku
Arts, Science & Commerce College,
Beed.

Sub.: Continuation of ISO 50001:2018 Certificate

Dear Sir,

We are pleased to inform you that upon verification of reports of First Surveillance of ISO 50001:2018 Audit of your Organization KSK Arts, Science & Commerce College, Beed, conducted by us on 29.01.2023, your corrective action plan and based on the acceptance of Certification Decision Committee we hereby confirm that your Certificate of Compliance bearing # 21.GGCS.IN.500135 issued on 31.01.2022 will stand continued till 30.01.2024.

We take this opportunity to congratulate you and your team for all efforts in effectively implementing and maintaining the documented system.

Thanking you and assuring to provide best of our services at all times.

Your next audit shall be conducted on or before January-24.

Thanks & warm regards.

Rajendramjain

R.M.Jain
Lead Auditor



A003 - Continuation of Gender Equality Certification

Ref: AQMCS/ 22-23/0024
Date: 10.02.23

M/s
Navgan Shikshan Sanstha, Rajuri(N)
Mrs. Kesharbai Sonajirao Kshisagar Alias Kaku
Arts, Science & Commerce College,
Beed.

Dear Sir,

We are pleased to inform you that upon verification of reports of First Surveillance Gender Audit of your Organization KSK Arts, Science & Commerce College, Beed, conducted by us on 06.02.2023, your corrective action plan and based on the acceptance of Certification Decision Committee we hereby confirm that your Certificate of **Compliance bearing # AB00AB/00AC:-0222 issued on 02.02.2022 will stand continued till 01.02.2023.** We take this opportunity to congratulate you and your team for all efforts in effectively implementing and maintaining the documented system.

Thanking you and assuring to provide best of our services at all times.

Your next audit shall be conducted on or before February-24.

Thanks & warm regards.

Rajendram Jain
R.M. Jain
Lead Auditor



Assure Quality Management Certification Services Private Limited

1172, Sector-11, Panchkula - 134109, Tricity Chandigarh- India
Phone : + 91-9216183238, 9216283238, 9878683238, E-mail : sales@aqmcs.com, aqmcs@aqmcs.com, www.aqmcs.com



A003 Rev.04, 23Jan.2018



A003 - Continuation of Green Audit Certification

Ref: AQMCS/ 22-23/0024
Date: 10.02.23

M/s
Navgan Shikshan Sanstha, Rajuri(N)
Mrs. Kesharbai Sonajirao Kshisagar Alias Kaku
Arts, Science & Commerce College,
Beed.

Dear Sir,

We are pleased to inform you that upon verification of reports of First Surveillance Green Audit of your Organization KSK Arts, Science & Commerce College, Aurangabad, conducted by us on 06.02.2023, your corrective action plan and based on the acceptance of Certification Decision Committee we hereby confirm that your Certificate of **Compliance bearing # AB00AA/00AB:-0222 issued on 02.02.2022 will stand continued till 02.02.2024.**

We take this opportunity to congratulate you and your team for all efforts in effectively implementing and maintaining the documented system.

Thanking you and assuring to provide best of our services at all times.

Your next audit shall be conducted on or before February-24.

Thanks & warm regards.

Rajendramjain
R.M. Jain
Lead Auditor



Assure Quality Management Certification Services Private Limited

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A003 Rev.04, 23Jan.2018



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Website : www.geotek.co.in , e mail : info@geotek.co.in

ASSESSMENT REPORT: ISO 21001:2018

Geotek: Certification / ~~Supplementary~~/1st-surveillance/recertification e Report & Report Acceptance

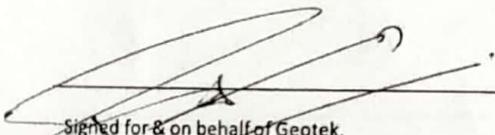
The assessment of Navgan Shikshan Sanstha, Rajuri (N.)
Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku
Arts, Science & Commerce College, Beed was completed,

Geotek through its Team Leader / Lead Auditor confirms the Confidentiality of the information received, Observed and Reported by the Team Geotek.

Team Leader / Lead Auditor by signing this sheet confirm the Non Conflict of Interests with the Organization.

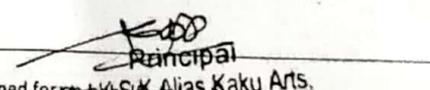
This report and its full contents are completely understood and accepted.

Please sign below confirming acceptance of the assessment report's contents


Signed for & on behalf of Geotek.

Name: R.M.Jain

Date: 27.01.2023


Signed for ~~Principal~~ Mrs. K. S. K. Alias Kaku Arts,
Name: Science & Commerce College,
Beed-481122
Date: 27.01.23



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Website : www.geotek.co.in , e mail : info@geotek.co.in

ASSESSMENT REPORT: ISO 14001:2015

Geotek: Certification / Supplementary/1st surveillance/recertification e Report & Report Acceptance

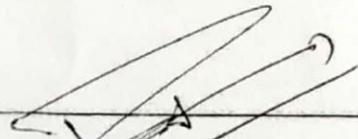
The assessment of Navgan Shikshan Sanstha, Rajuri (N.)
Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku
Arts, Science & Commerce College, Beed was completed,

Geotek through its Team Leader / Lead Auditor confirms the Confidentiality of the information received, Observed and Reported by the Team Geotek.

Team Leader / Lead Auditor by signing this sheet confirm the Non Conflict of Interests with the Organization.

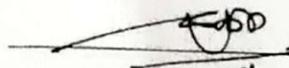
This report and its full contents are completely understood and accepted.

Please sign below confirming acceptance of the assessment report's contents


Signed for & on behalf of Geotek.

Name: R.M.Jain

Date: 28.01.23


Signed for on behalf of the Principal
Name: Mrs. K.S.K. Alias Kaku
Arts, Science & Commerce College
Date: 28.01.23



Geotek Global Certification Pvt. Ltd.

Office No. 102, Raj Legacy, Near Bramhand Phase 5, Off. GB Road,
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Website : www.geotek.co.in , e mail : info@geotek.co.in

ASSESSMENT REPORT: ISO 50001:2018

Geotek: Certification / ~~Supplementary~~/1st surveillance/recertification e Report & Report Acceptance

The assessment of Navgan Shikshan Sanstha, Rajuri (N.)
Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku
Arts, Science & Commerce College, Beed was completed,

Geotek through its Team Leader / Lead Auditor confirms the Confidentiality of the information received, Observed and Reported by the Team Geotek.

Team Leader / Lead Auditor by signing this sheet confirm the Non Conflict of Interests with the Organization.

This report and its full contents are completely understood and accepted.

Please sign below confirming acceptance of the assessment report's contents

Signed for & on behalf of Geotek.

Name: R.M.Jain

Date: 29.01.23

Signed for on behalf of the client

Principal
Name: Mrs. K.S.K. Alias Kaku Arts,
Science & Commerce College

Date: 29.01.23



1172, Sector-11, Panchkula-134109, Tri City Chandigarh-India, www.aqmc.com

ASSESSMENT REPORT : e-Report – Acceptance **Green Audit**

AQMCs Stage-II/ Supplementary/surveillance/recertification e Report & Report Acceptance

The assessment of Navgan Shikshan Sanstha, Rajuri (N.)
Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku
Arts, Science & Commerce College, Beed was completed,

AQMCs through its Team Leader / Lead Auditor confirms the Confidentiality of the information received, Observed and Reported by the Team AQMCs.

Team Leader / Lead Auditor by signing this sheet confirm the Non Conflict of Interests with the Organisation.

This report and its full contents are completely understood and accepted.

Please sign below confirming acceptance of the assessment report's contents

Signed for & on behalf of AQMCs.

Name: R.M.Jain

Date: 07.02.23

Signed for on behalf of Principal

Name: Mrs. K.S.K. Alias Kaku Arts,
Science & Commerce College

Date: 07.02.23
Beed-431122



1172, Sector-33, Phase-II, Chandigarh-110009, India, www.aqmcs.com

ASSESSMENT REPORT : e-Report – Acceptance Gender Equality

AQMCS Stage-II/ Supplementary/surveillance/recertification e Report & Report Acceptance

The assessment of Navgan Shikshan Sanstha, Rajuri (N.)
Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku
Arts, Science & Commerce College, Beed was completed,

AQMCS through its Team Leader / Lead Auditor confirms the Confidentiality of the information received, Observed and Reported by the Team AQMCS.

Team Leader / Lead Auditor by signing this sheet confirm the Non Conflict of Interests with the Organisation.

This report and its full contents are completely understood and accepted.

Please sign below confirming acceptance of the assessment report's contents

Signed for & on behalf of AQMCS.

Name: R.M.Jain

Date:06.02.23

Signed for on behalf of the client

Name: Mrs.K.S.K.Alias Kaku Arts,
Science & Commerce College

Date: 06.02.23



N.S.S.R'S

**MRS.KESHARBAI SONAJIRAO KSHIRSAGAR ALIAS
KAKU ARTS,SCIENCE&COMMERCE COLLEGE,BEED**

DIST. BEED -431122



**Green Audit Report
&
Environmental Audit Report
2021-22**



1. INTRODUCTION :

Mrs. Kesharbai Sonajirao Kshirsagar Alias kaku Arts, Science & Commerce College Beed.(M.S.) run by Navgan Shikshan Sanstha Rajuri (N) was established in June 1971 by Honorable late Kesharbai Sonajirao Kshirsagar Alias kaku (Ex. Member of Parliament) with a noble & foresighted vision to provide higher education to rural youth. The college is affiliated to Dr. Babasaheb Ambedkar Marathwada University Aurangabad. The college is now a fully-fledged multi-Faculty institution with Strength of students about 4000. The college runs Junior Stream Arts, Science & Commerce & M.C.V.C. Under Graduate Courses like B.A. with Subjects English, Marathi, Hindi, Urdu, Sociology, Political Science, Economics, Physical Education, Geography, Home-Science, Dramatics, Music, Public administration. Under graduate faculty of Science B.Sc. offers Subject Chemistry, Physics, Zoology, Botany, Mathematics, Microbiology, and Computer Science. The college runs under graduate Commerce faculty B.Com. The college runs P.G.courses in various subjects like English, Marathi, Hindi, Political Science, Geography, Music, Home Science, Botany, Zoology, Microbiology, Computer Science and commerce. College is reaccredited by NAAC with 'A' Grade (3.11 CGPA) in Nov.2011. Also college is certified by ISO 9001-2015.

The College provides facilities like gym, sports, canteen, consumer store (Grahak Bhandar), pure drinking water cooler, ICT halls, well-furnished teaching halls, well equipped laboratories, huge indoor games Auditorium, health care centre, girls hostel (Capacity of 100 girls), Medicinal botanical garden, Competitive examination coaching center, language laboratory for effective communication. Library is having plenty of books (approximately 75,000), research journals, magazines, E-library facility having e-sources. Separate rooms for girls & boys are made available.

Department of Home science, Microbiology, Zoology, Hindi, recognized as research centers for Ph.D. students. More than 15 research guides in various subjects doing effective research work in various fields. The College organizes tours, visits in all subjects at various places industries, museum etc. Remedial coaching for slow learners run effectively by each department. Departmental library is available to provide extra books for needy students. Two ICT halls are available for modern teaching learning process, with modern facility.

College arranges various Co-curricular & extracurricular activity like debate competition, elocution competition, essay writing competition, speech events, science exhibition. College organizes state level debating competition in the honour of Sonajirao Kshirsagar per year and winners are honoured with rotating silver trophy. Our N.S.S, N.C.C, Lifelong learning and extension department conducts society-oriented programmes like blood donation camps, health awareness rallies, cleanliness camp, national integration camp, tree plantation, eco-friendly awareness programmes, literacy programmes. Student mentoring system plays an important role to solve over all problems of students. Earn and learn scheme is available for needy students.

Department of dramatics won more than prizes at state level & other various competitions. Many students of our drama department play role in professional dramas, T.V. serials & in various films. Our sports department is extra- ordinary which plays an important role to provide best players for university team.

2. ENVIRONMENTAL POLICY OF THE COLLEGE :

Mrs Kesharbai Sonajirao Kshirsagar Alias kaku Arts,Science & Commerce College Beed is a quality conscious college. It protects its own environment with its green campus, kept pollution free. Environment development is its basic work with the educational policies implemented in the campus.

Well, the management and the students of the college look after the environment carefully. Every year, during rainy season, we do tree plantation and carefully look after it. Its our own responsibility to preserve the work done in the campus related to the environment.

We have decided our own environmental policy as-

- i. To create awareness regarding environmental policy of our college to our students and the management.
- ii. To maintain pollution free campus by avoiding tobacco, pan-masala etc., chewing in the campus. As per the govt. rules and regulations, the instructions are displayed in the campus.
- iii. To Use Solar Energy in College Campus by Solar Lamps & Solar water Heater in girls Hostel.
- iv. To sensitize the students and staff regarding the use of drinking water properly for which, we have provided aqua-guarded drinking water facilities in the campus.
- v. To bring into use the 'Rain Water Harvesting' in the campus. We have collected the rain water from the college roof and it is percolated in the land.
- vi. To use 'No Vehicle Day' concept and keep the campus vehicle free. It helps to save the fuel and make the people use their own natural means.
- vii. To use the ICT and use minimum paper. It will help to go towards 'Paperless Office'.
- viii. To reduce the 'sound pollution the campus, we have built the seating arrangements in the shade of trees in our campus.
- ix. To use 'Use me' dust bin in the college campus so as to keep college campus clean
- x. To maintain green campus, we are doing 'Green Audit' of our college

This is our environmental policy approved by our father institution, NSSR'S BEED

3. CONSTITUTION OF COMMITTEE:

The Green Audit Committee will act as per the environmental policy and should the responsibility of maintaining and protecting environment surrounding the college. The aim of the committee is to provide advice for the development of environmental policy and practice in the areas of.

- ❖ Waste Management
- ❖ Soil Management
- ❖ Bio diversity and threatened species preservations
- ❖ Energy use and conservations
- ❖ Eco-friendly techniques
- ❖ Noise Pollution
- ❖ Air Pollution
- ❖ Paper less operating procedure
- ❖ Green environment and clean campus

4. COMMITTEE FOR GREEN AUDIT:

Sr. No	Name of Member	Designation	Title in Committee
1.	Dr. S. V. Kshirsagar	I/c Principal	Chairman
2.	Dr. S. S. Patil	Vice Principal	Chief – coordinator
3.	Dr. Jogdand S.K.	Asso.Prof. Botany	Coordinator
4.	Dr. Chavan A.D.	Asst. Prof. Geography	Member
5.	Dr.Sirsat P.B	Asst.Prof.Zoology	Member

Survey of Slum Area: -

Name of the event	Slum Area :- Social , Health, Education survey
Organized/sponsored by	Life long and extension services
Date of event	05-01-2022
Location of event	Barshi Naka Beed
NO. of participant	09
Contact person name	Prof.H.R Khetri, Shete N.P



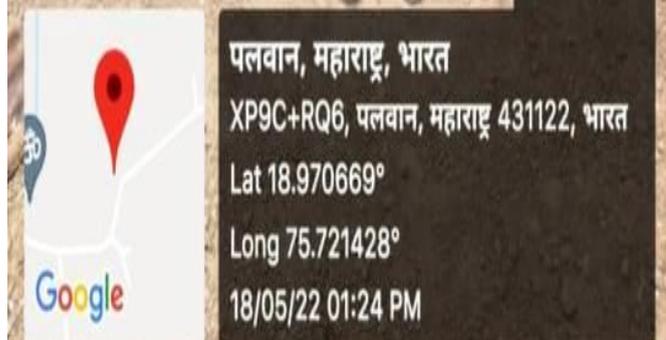
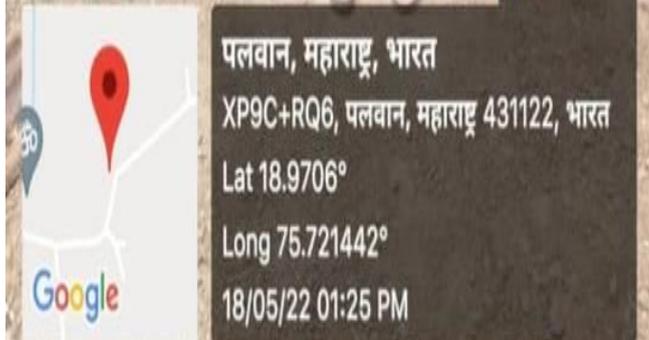
2. Guidance to farmer based on Agriculture

Name of the event	Guidance to farmers
Organized/sponsored by	Life long and extension services
Date of event	16-02-2022
Location of event	Ghatsavli (Beed)
NO. of participant	05
Contact person name	Prof.H.R Khetri, Shete N.P

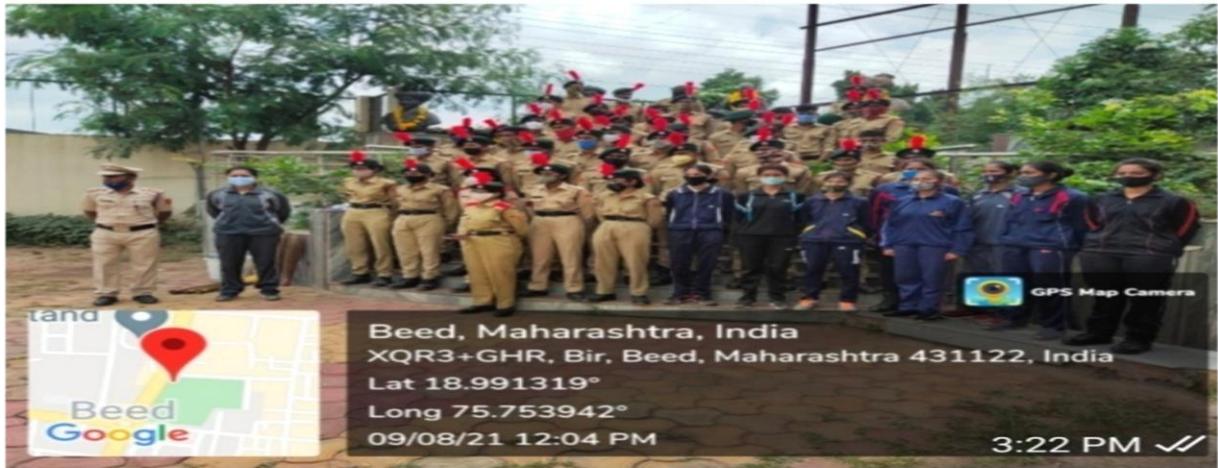


3. Survey: - Impact on covid -19 pandemic on the rural society life

Name of the event	01. Survey impact on covid 19 pandemic on the life rural society
Organized/sponsored by	Life long and extension services
Date of event	18-05-2022
Location of event	Palwan (Beed)
NO. of participant	08
Contact person name	Prof.H.R Khetri, Shete N.P



Cleaning of "campus"



Organization of World Yoga Day

Name: - World Yoga Day

Date: 21 June 2022

Venue: Sport Hall

Attendance: Dr. Shivanad Kshirsagar

Chief Attendance: Dr. T. R. Patil

Dr. Abasaheb Hagne

Yoga Teacher: Prof. Rajendra Gadekar

Volunteers Present: 78



Water for Birds In college Campus

Date of the event- 12th April, 2022

Number of the students participated- 20

Number of the teacher participated- 03

Guest- Principal- Dr.D.B. Kshirsagar



Summary of Event

Considering the rising sun, water was kept for the birds by the drama department.

Wild Life Week

Name of the event -Wild-Life Week celebration
Theme - Wild-Life Week
Date of event - 02-10-2021 to 08-10-2021
Location of event -Online through Zoom.
President of event -Dr. Deepatai B. Kshirsagar
Speaker of event -1) Shri. Amol Mundhe (RFO. Beed)
 2) Dr. S.B. Ingole (H.O.D. Zoology Department Siddheshwar College Majalgaon.)
 3) Shri. Sidharth Sonwane (Sarp-Mitra Tagadgaon)
 4) Dr. Feroj Shaikh (Dept. Of Zoology Milliya College Beed)

Number of participants - 36
Contact person Name. - Dr. A. N. Shelke

Mrs. K.S.K. Alias Kaku Arts, Science & Commerce College, Beed
 NAAC reaccredited with 'A' Grade (with CGPA 3.18 as per new RAF) ISO 9001:2015 Certified
Golden Jubilee Year(2021-22)
Department of Zoology
 Celebrates
WILD LIFE WEEK
 On
 (02 October to 08 October, 2021)
Topic: Man-Animal Conflict
 03-10-2021, Sunday
 Time -11.30 am
 Through Zoom meeting

President
Dr. Deepa Kshirsagar
 Principal

Resource Person
Shree. Amol Mundhe
 RFO , Beed

Dr. Abasaheb Hange
 (Vice Principal)

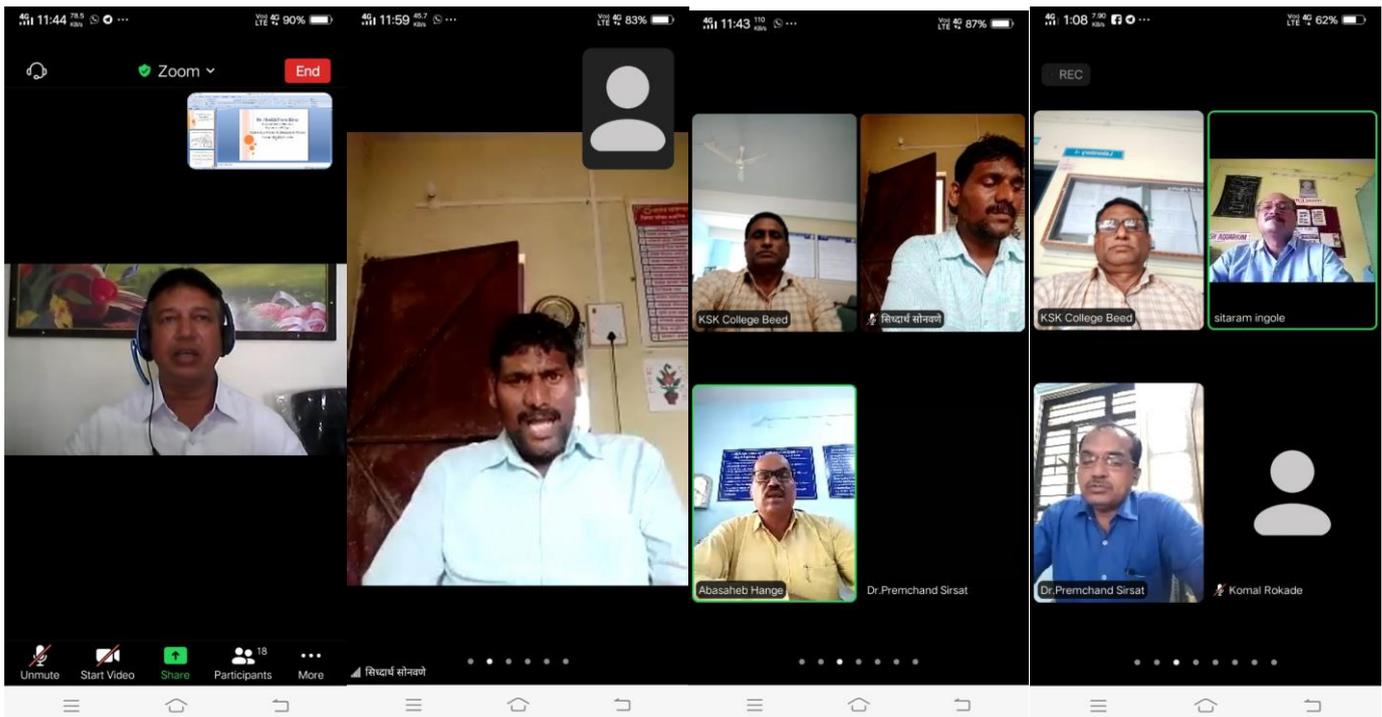
Dr. Shivanand Kshirsagar
 (Vice Principal and IQAC Coordinator)

Dr. Rekha Gulve (P. G. Director)

Dr. Sirsat P.B.
 Associate Professor,
 Department of Zoology

Dr. Patil P.V.,
 Professor,
 Department of Zoology

Dr. Shelke A.N.
 Assistant Professor and Head,
 Department of Zoology



Fit India Freedom 2.0 Run

Convenor: National Service Scheme Department and Neharu Yuva Centre Beed.

Date: 28 Aug 2021

Venue: Charatha Fata to Gawalwadi 2 kilometer

Attendance: Vice – Principal Dr. Abasaheb Hange

Shri.Kharat Sir, Neharu Yuva Center Beed.

Present Volunteer: 45



Azadi ka Amrit Mohotsav / Rangoli competition

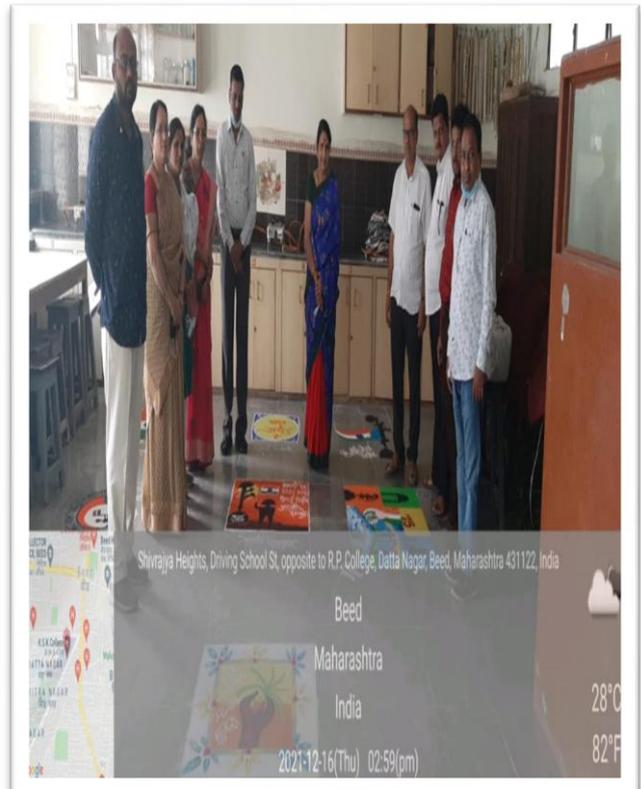
Date: 16 December 2021

Attendance – Principal Dr. Deepa Kshirsagar

Vice Principal Dr. Shivanand Kshirsagar

Competition: Rangoli

Volunteers Present: 22



Campaign of voter awareness

Convenor : Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Date: 28 January 2022

Attendance : Dr. T. R. Patil , Coordinator Dr. B.A. M. U Aurangabad



DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,

AURANGABAD- 431 004 (Govt. of Maharashtra)

NAAC Accredited 'A' Grade

NATIONAL SERVICE SCHEME



Not Me But You

Tel-(Office): +91-240-2403134

Tel-(Office): +91-240-2403135

Tel-Fax(O) : +91-240-2403134

E-mail: nss @bamu.ac.in

Website: bamu.ac.in/studentcorner.aspx

Professor. Dr. T.R. Patil

(MA.,Ph.D)

Director

Mob. No. 9405769999

Ref.No. NSS/2021-22/1

दिनांक: २५/१/२०२२

प्रति,

मा. प्राचार्य/कार्यक्रमाधिकारी
के.एस.के. महाविद्यालय, बीड

विषय:- प्रमाणपत्र व रोख रक्कम रासयो कार्यालयातून हस्तगत करणे बाबत.

महोदय,

उपरोक्त विषयास अनुसरून आपणास कळविण्यात येते की, मुख्य निवडणूक अधिकारी, महाराष्ट्र, डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ आणि जिल्हा निवडणूक अधिकारी कार्यालय, औरंगाबाद यांच्या संयुक्त विद्यमाने अयोजित स्पर्धेत आपल्या महाविद्यालयातील स्वयंसेविका कु.सोनम राजू धुताडमल (चित्रकला) स्पर्धेत द्वितीय क्रमांकाचे निवड झाल्याबद्दल आपले अभिनंदन व दि.२८/१/२२ रोजी स्वयंसेवकाचे प्रमाणपत्र व रु.२०००/-रोख रक्कम राष्ट्रीय सेवा योजना विभागातून हास्तगत करण्यात यावे.

संचालक
राष्ट्रीय सेवा योजना
डॉ.बाबासाहेब आंबेडकर मराठवाडा
विद्यापीठ, औरंगाबाद-४३१००४

My Vasundhara (Earth) campaign / Tree Plantation

Date: 16 November 2021

Attendance : Principal Dr. Deepatai Kshirsagar

Chief Attendance : Hon. Mr. Ankit Prabhu

Prof. Dr. T. R. Patil

Program : Tree Plantation

Volunteer Attendance : 120



दिव्य मराठी बीड जिल्हा

divyamarathi.com

दिव्य मराठी बीड, गुरुवार, १८ नोव्हेंबर, २०२१

'माझी वसुंधरा' - युवा सेना कार्यकारिणी सदस्य अंकित प्रभू यांचे प्रतिपादन वृक्षतोड रोखा, अन्यथा मराठवाड्याचे वाळवंट होण्यास उशीर लागणार नाही

प्रतिनिधी । बीड

वृक्षतोडीमुळे सध्या पर्यावरणाचे मोठे नुकसान होत आहे. आपण एक समाजपान असलेला नागरिक या नात्याने वृक्षतोड रोखली पाहिजे, अन्यथा मराठवाड्याचे वाळवंट होण्यास उशीर लागणार नाही, असे मत युवा सेना कार्यकारिणी सदस्य अंकित प्रभू यांनी व्यक्त केले. महाराष्ट्र शासन, डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद व केएसके कला, विज्ञान व वाणिज्य महाविद्यालय यांच्या संयुक्त विद्यमाने 'माझी वसुंधरा' अभियानांतर्गत आयोजित वृक्षारोपण कार्यक्रमात प्रभू बोलत होते. कार्यक्रमाच्या अध्यक्षस्थानी प्राचार्य डॉ. दीपा क्षीरसागर उपस्थित होत्या, तर डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठाच्या एनएसएस विभागाचे संचालक डी. आर. पाटील, उपप्राचार्य डॉ. आबासाहेब हर्गे, डॉ. शिवानंद क्षीरसागर, पदवुत्तर विद्याप्रमुख डॉ. रेखा गुळवे, उपप्राचार्य एल. एन. सख्खे, कमळि. पर्यवेक्षक जालिंदर कोळकर आदींनी प्रमुख उपस्थिती होती. प्रभू पुढे म्हणाले, झाडे, वने जपल्याने आपल्याला बरेचसे फायदे मिळतात.



केएसके महाविद्यालयात आयोजित कार्यक्रमात बोलताना अंकित प्रभू

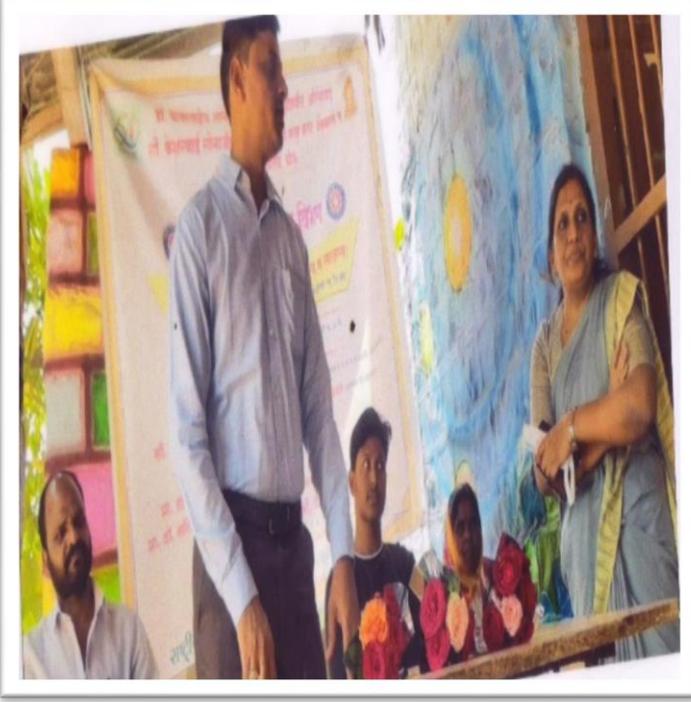
मूल्यवान असा ऑक्सिजन मिळतो. त्यामुळे झाडांची लागवड जास्त प्रमाणात होणे गरजेचे असल्याचे त्यांनी सांगितले. अध्यक्षीय समारोपप्रसंगी प्राचार्य डॉ. दीपा क्षीरसागर म्हणाल्या की, आपल्या सभोवतालचे वातावरण शुद्ध राहणे यासाठी आपल्या आजूबाजूला लागवड केली पाहिजे. वृक्ष हे जमिनीचे पुण्येस असून त्यासाठी वृक्षतोड थांबवणे व लागवड जास्त प्रमाणात करणे अत्यंत गरजेचे आहे. अनेक धरण व प्रकल्प निर्मितीमुळे जास्त प्रमाणात वृक्षतोड होते. त्यासाठी धरणे, प्रकल्प आकारवणे अजून बांधणी पाहिजेत. वृक्षतोडीमुळे

झाडांनाही जीव लावूया

वृक्षारोपण ही आजूबाजूला काळाची गरज आहे. राष्ट्रीय सेवा योजनेच्या माध्यमातून काम करत असताना 'एक विद्यार्थी दोन झाडे' असे अभियान राबवले जात आहे. या अभियानास अधिकाधिक प्रतिसाद द्यावा. ज्या प्रकारे आपण जवळच्या नातेवाइकांना जीव लावतो तसाच तो वृक्षसंवर्धनासाठीही लावूया, असे डॉ. टी. आर. पाटील यांनी सांगितले.

पर्यावरणातील ओढीन धराचे प्रमाण कमी होत चालले आहे. वृक्ष हे आपल्यासाठी खूप महत्त्वाचे आहेत. ते आपणांस सावली, फळे तसेच औषधी देतात. वृक्षतोडीमुळे नैसर्गिक प्राणिकसृष्टीचा न्हास होत चालला आहे. त्यामुळे आपण झाडांना जिवंतपण देऊन वसुंधरेचे रक्षण केले पाहिजे, असे प्रा. डॉ. ई. नेटके यांनी म्हणले. या वेळी महाविद्यालयाच्या राष्ट्रीय सेवा योजनेचे सर्व पदाधिकारी, विद्यार्थी, शिक्षक व शिक्षकेतर कर्मचारी मोठ्या संख्येने उपस्थित होते.

H.B. and Health checkup camp for Karjani villagers



डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद

75
आजादी का
अमृत महोत्सव

सौ. केशरबाई सोनाजीराव क्षीरसागर कला विज्ञान व वाणिज्य महाविद्यालय, बीड

राष्ट्रीय सेवा योजना

प्रमाणपत्र

प्रमाणित करण्यात येते की, श्री/कु.
यांनी मौजे कर्झणी ता.जि.बीड "विशेष शिबीर" दि. २२ मार्च २०२२ ते २८ मार्च २०२२ दरम्यान झालेल्या
"आरोग्य आणि साक्षरता"
या महाविद्यालयीन विशेष शिबीरात सक्रिय सहभाग घेतला
करिता हे प्रमाणपत्र देण्यात येत आहे.

डॉ. पंडित खाकरे
जिल्हा समन्वयक

डॉ. अनिता शिंदे
कार्यक्रमाधिकारी

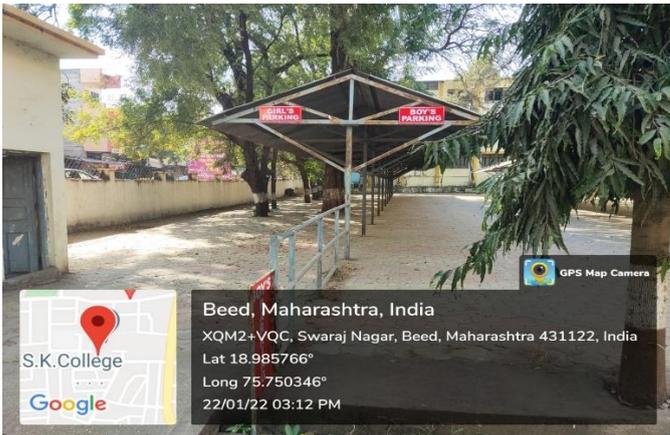
डॉ. सौ. दिपा क्षीरसागर
प्राचार्य

Sound Pollution Awareness



No Vehicle Day

The Second and the fourth Saturday is declared as No vehicle day in our college to avoid pollution. Staff members and students are not allowed their vehicles on these two days.



Compulsory PUC checkup camp for Two and Four-wheeler vehicles



Plantation programme throughout the year:

We at Mrs Kesharbai Sonajirao Kshirsagar Alias kaku Arts,Science & Commerce College Beed are doing plantation programme through NSS unit, not only in college campus but also in Pali (Infant India),Kolharwadi village which is adopted by our college for the sake of environment awareness and planted more than 90

plants through NSS unit Maji Vasundhar Abhiyan on 16th Oct. 2021. In our college campus we planted more than 22 trees from 2021-22. The tree plantation table is showed through the table mentioned below.



Establishment of oxygen park, plantation of ox rich plants

Our college has a beautiful green campus. We have skillfully planted the plants like Pimpal, Neem Trees, & Tulsi so as to have oxygen and make the campus fresh full of oxygen. The greenery has remained useful in developing oxygen park in our college.

‘No Smoking, No Tobacco’ in campus area:

Mrs Kesharbai Sonajirao Kshirsagar Alias kaku Arts, Science & Commerce College is completely smoking and tobacco free campus and use of these are a punishable offence. The instructions regarding this are already given to the students and the staff members. The display boards are displayed at various places in the college. In reference to this subject we created various eye opening posters and wallpapers through Ajivan Shikshan Vistar Seva Dept. in our college.

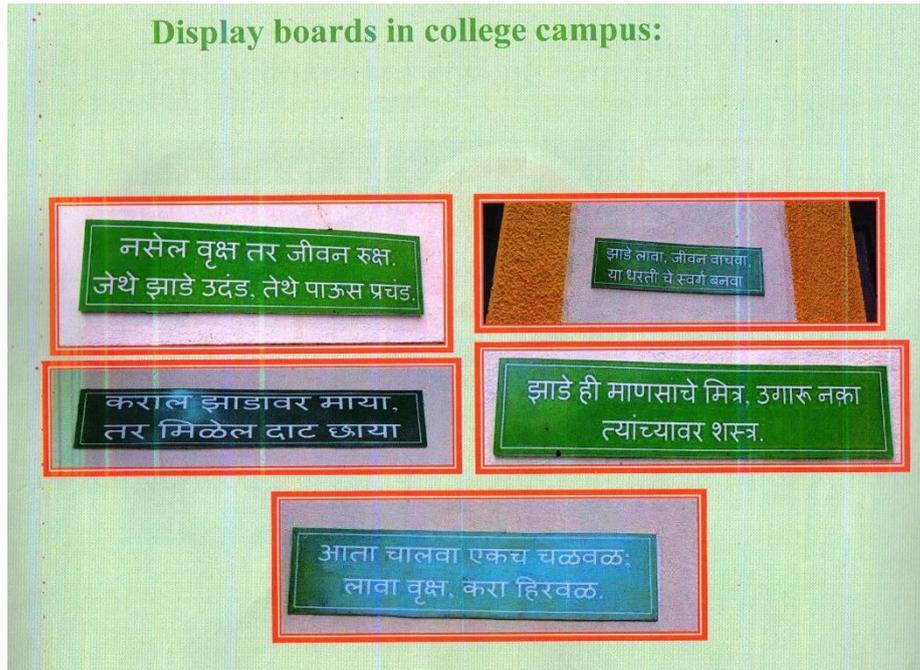


Display boards in college campus:

Various boards for the awareness on the environment control, noise control, tobacco free campus, conservation of energy, recycling of resources, tree plantation and



environmental policy of college are displayed for all the stakeholders.



Paperless office

All the notices of college are conveyed to the staff and student through email or social media.

In college maximum data is converted into soft copies and procedures are digitalized which minimizes the use of printing papers. We also put warning stickers on each photocopy / printing machine to use. The maximum working procedures are paperless. We take the already on sided photocopy peppers in use to avoid the maximum use of papers.

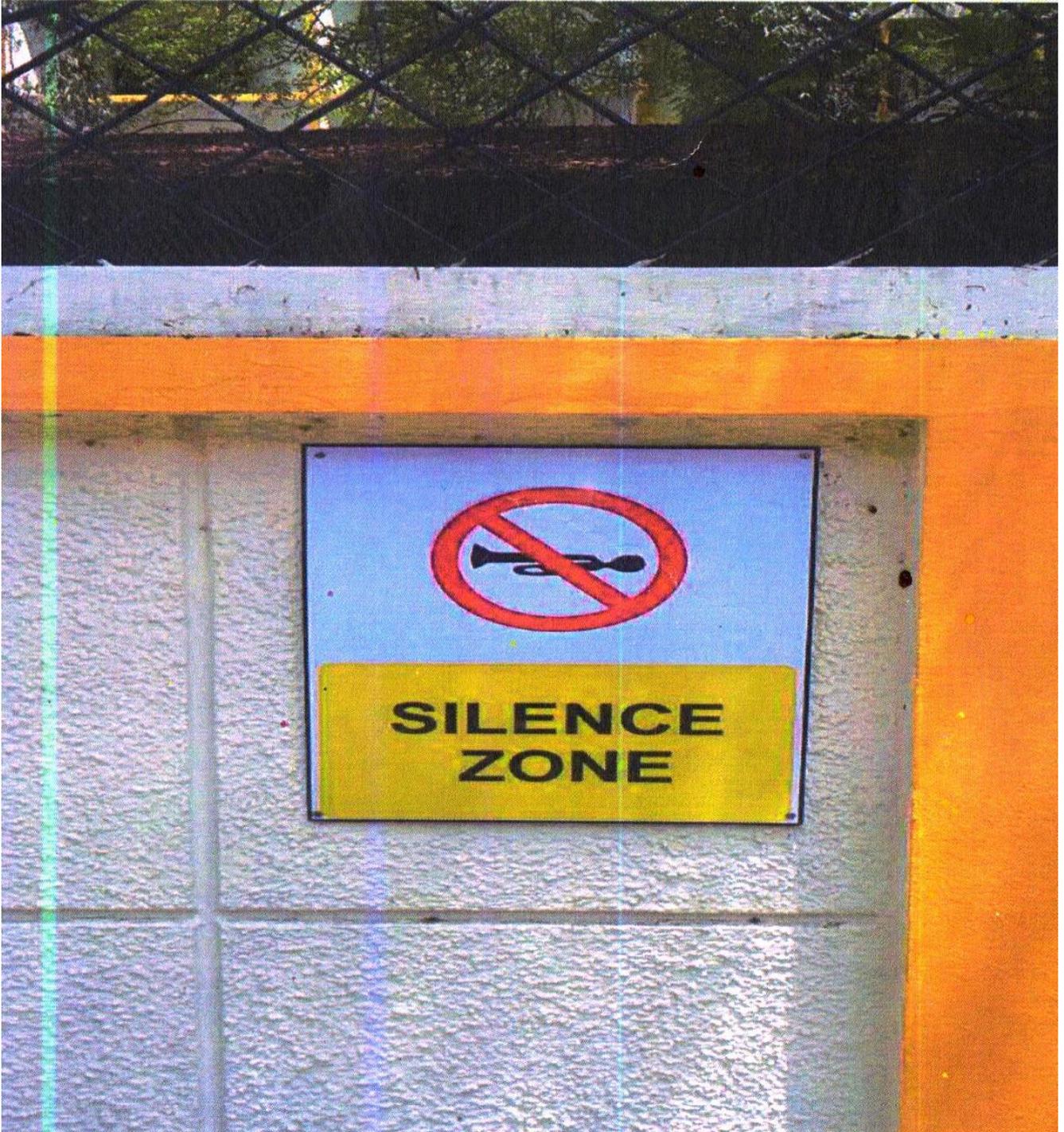
Plastic Free Campus



Silence Zone in College

Silence zones in college like library, auditorium various display board are present.

H.



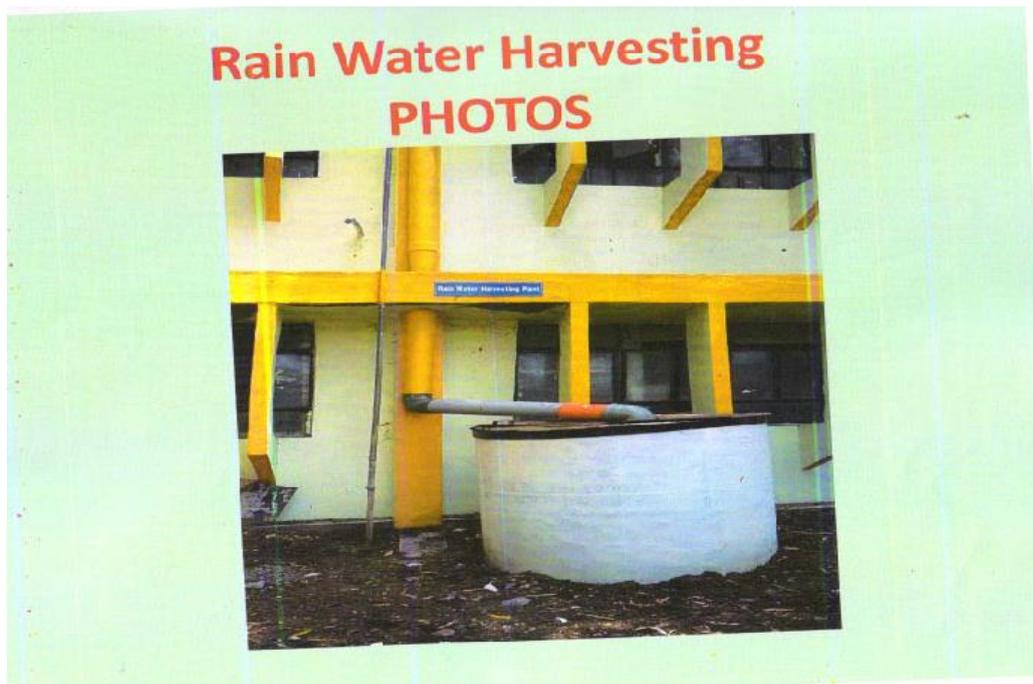
Emergency phone numbers:

All the emergency phone numbers are displayed at the entrance and copy is also available in administrative office.

Sr. No.	Office	Contact No.
1.	Office of the College	02442-222641
2.	Hospital	09765147753 02442-225458
3.	Police Station	02442-233056 100
4.	Women Helpline	103
5.	Fire Brigade	02442-222226
6.	Ambulance	108

Rain water harvesting:

Our college is having rain water harvesting system to conserve the rain water. The earth water level is increased which helped to have water to our college hand pump /boar. It increases natural storage of water, and helps the college in getting water for various purposes.we have 210 running meter pipeline use for this purpose.the total 12391 sq.meter are roof water is collected through this system.



OTHER SECTORS FOR ENVIRONMENT MANAGEMENT:

The college has constituted the 'Environmental committee' to look after the solid, liquid and e-waste management and other environmental issues. The committee sets out to identify the types of wastes, category of waste generators, how to collect, handle and dispose wastes; and who will be responsible for what kind of waste. First step of the process is 'Waste Survey' and a common reference-point to start a practice in waste management. Few steps outlined below are identified for the waste management process.

Waste Management:

The college has constituted the 'Green Audit committee' to look after the solid, liquid and e-waste management and other environmental issues. The committee sets out to identify the types of wastes, category of waste generators, how to collect, handle and dispose wastes. Few steps outlined below are identified for the waste management process.

Steps of Waste Management:

1. Survey of waste:

Primarily we identify sources of wastes and types of wastes generated in the college campus. Therefore, first step for waste management system is Waste Survey.

2. Sources of Wastes from where waste generates:

The committee has prepared a list of places from where the wastes are generated in the campus.

1. Principal office
2. Administrative Office



1. Types of Wastes and existing practice of waste disposal

After finding the places from where waste is generated, the next step is to dispose the different types of wastes (wet, dry and hazardous waste) as per the plan mentioned in the table below.

Type of waste	Disposed at common waste bins Municipality use it for composting	Dumped in road side, and street corners / vacant plots	Send to Waste Pickers for recycling
Wet Waste			
Vegetable peels	✓		
Fruit peels	✓		
Rotten fruits and vegetables	✓		
Leftover food	✓		
Used tea / tea bags	✓		
Used coffee ground	✓		
Egg shells	✓		
Expired other food items	✓		
Mango kernel & any seed		✓	
Coconut fibre	✓		
Used flowers / dry flowers	✓		
Spoiled spices	✓		
loor sweeping dust	✓		
Garden shrubs	✓		
Dry Waste			
Soap covers / pockets / sachets	✓		
Empty shampoo bottles, Empty perfume bottles / containers of deodorants / shaving creams	✓		✓
Empty Chemical Bottles			✓
Milk covers	✓		✓
Used door mats/door mats			✓
Used tooth brush			
Chocolate wrappers	✓		
Butter wrappers	✓		
Used mop cloth	✓		
Ghee / oil pockets / cans			✓
Package / polythene covers / Plastic covers			✓
Newspapers / card boards			✓
cosmetics containers			✓

Styrofoam			
Broken stationery like used pens, pencil sharpener			✓
Empty cans of floor cleaners			✓
Kurkure / Lays packets	✓		
Sachets (of shampoo, creams etc.)	✓		
Bisleri kind of water bottles			✓
Used tooth paste tubes etc.	✓		
Metal tins, and cans (e.g Pepsi Coke cans)			✓
Small tubs like the ones used for yogurt, cheese, jam			✓
Hazardous Waste			
Mosquito repellent refill bottles/ Mosquito repellent mats			✓
Expired medicines		✓	
Tablet covers / Syrups bottles			✓
Any medical discard		✓	
Sanitary napkins	✓		
Children's diapers	✓		
Used razor / razor blades	✓		
Old batteries			✓
Fused bulbs / tubes / electrical items	✓		✓
Broken glasses / ceramics	✓		✓
Empty cans of toilet cleaners			✓
Expired cosmetics		✓	
Cockroach killers / spray cans			✓
Old printer cartridge / CDs	✓		✓
Waste generated at Laboratories after proper treatment		✓	
Old Electronic items / parts			✓
Pieces of wires, old chargers, old pen drives	✓		✓

A. Liquid waste Method:

Liquid waste is appropriately treated for minimizing its toxicity before being discharged into the sewer systems or dumped into land pit or burn it. Liquid waste is treated with chemical disinfectants, neutralized with appropriate reagents then flushed into the sewage system. Thus, liquid waste management includes procedures and practices that prevent discharge of untreated pollutants to the drainage system or to water bodies as a result of the creation, collection, and disposal of non-hazardous liquid wastes.



E-waste Management:

Designate a room in the Campus which may be called 'Material Recovery Centre' (MRC). The discarded e-wastes from all the office blocks in the campus shall be sent to the MRC, and stored there until it is sent to e-waste recyclers. Electronic-waste from office can be discarded in two ways. One way is Extended Producer Responsibility (EPR). Under EPR manufacturers of computers, and other electronic items should take back end-of-life products. If some Producers / manufacturers want to appoint a 'Producer Responsibility Organisation', which - on behalf of manufacturers - collect, dismantle and recycle end-of-life products can do so. Institution is used such facility for the disposal of e-waste. The idea is demanding the producers to take back e-waste through the same channel they used for placing a products in customers hands. This can be something like an exchange offer. It is estimated that 75% of electronic items are stored due to uncertainty of how to manage it. These electronic junks lie unattended in houses, offices, warehouses etc. and normally mixed with household wastes, which are finally disposed off at landfills. This necessitates implementable management measures.

2. List of e-waste:

1. CD/DVDs
2. Pen drives
3. Cables / Wires
4. Modems
5. Calculators
6. Electronic scrap parts
7. Mouse / Key board such items
8. Speakers
9. Laptops
10. Printers
11. Air-conditioners
12. Freezers
13. Digital Thermostats
14. Fluorescent Lamps and tubes
15. Incandescent Light bulbs.



Navigan Shikshan Sansstha, Rahuri (N)

**Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku
Arts, Science & Commerce college, Beed-431122.**

Principal-Dr.D.B.Kshirsagar

NAAC reaccredited -A Grade

Website-kskcollegebeed.com E-mail-kskbeed123@rediffmail.com Ph.(02442)222641 Fax-02442)230197

Ref : kskcb/2017-2018/22

Date 19/07/2017

To,
P.C.Care
Beed.

Sub :- **Regarding e-waste management.**

Sir,

With reference to above cited subject I am to inform you that, our institution buys electronic products and computers from yours shop / concern on extended procedure responsibility (EPR). As per EPR, it is supposed that at the end product life, the supplier should take back the goods under the disposal of e-waste management.

So, you are requested to cooperate in this regard and provide us supplier responsibility.

Organization letter to us.

Thanking you,

Principal.

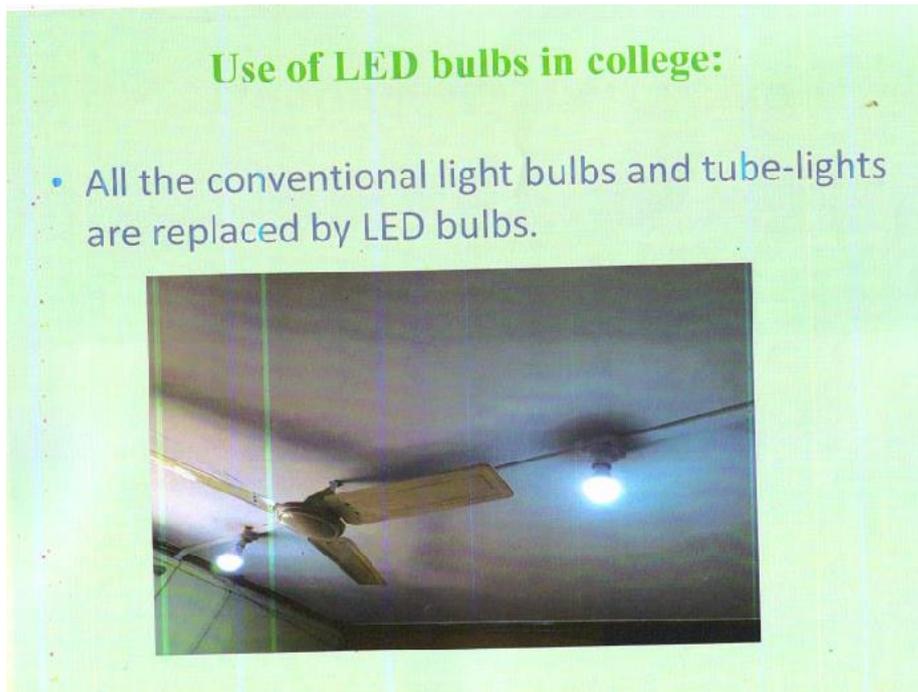


21/07/2017

Use of LED bulbs in college:

Principle's Office, Office of IQAC, Administrative Office, Library, Guest Rooms, Indoor Stadium, Ladies Common Room, Virtual Classrooms, Language Lab, Computer Labs, Science Lab, Departmental Offices, and all classrooms have LED bulbs to save energy.

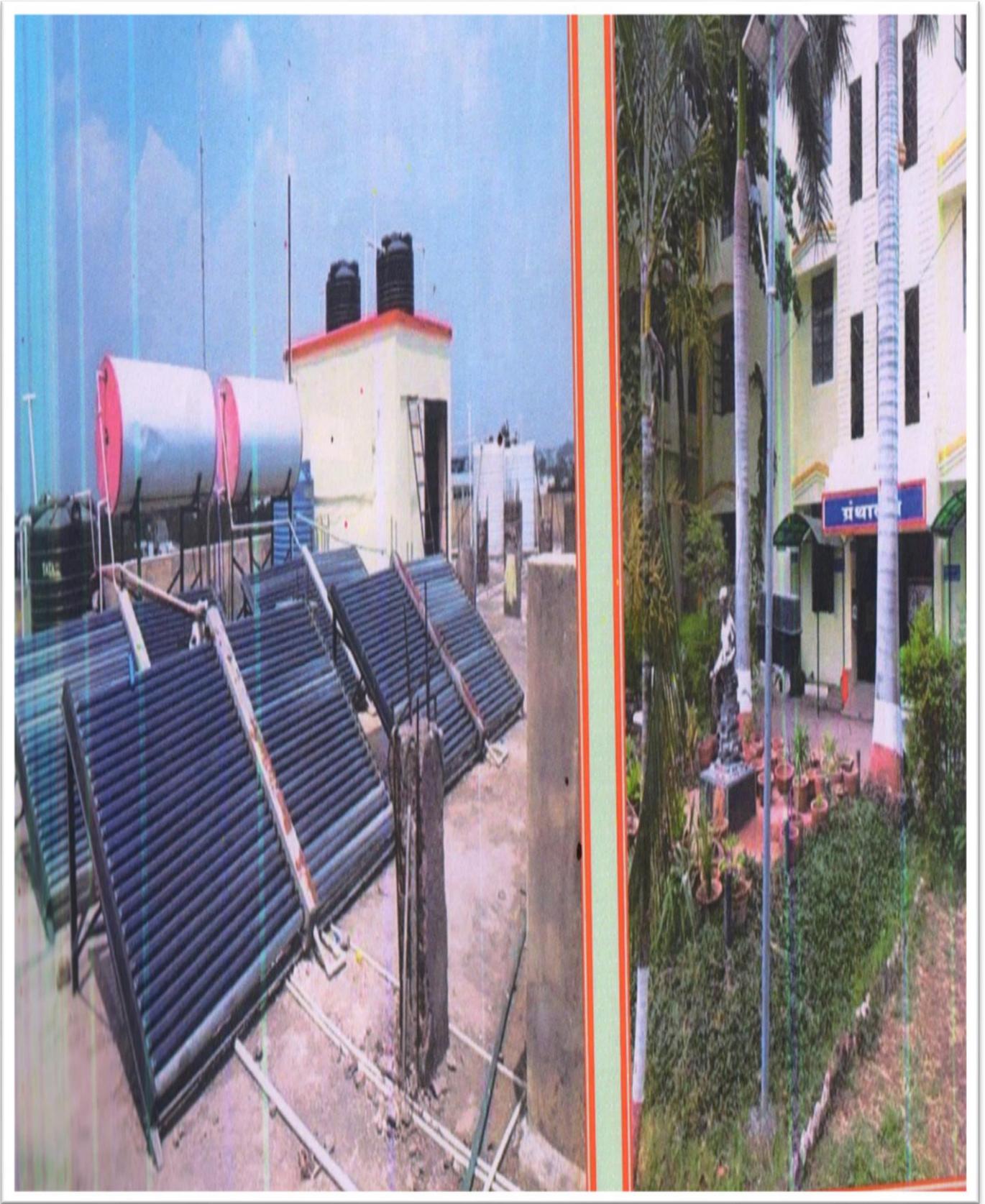
Total lightning Requirements	Percentage(%)lightning through LED bulbs	Percentage Lightning through other sources
15200 kilowatt	1208 kilowatt	10.40



Conducting energy audit

Power requirement met by renewable energy sources	Total power requirement	renewable energy source	renewable energy generated & use	Energy supplied to the Grid
10585 kilowatt	45904 kilowatt	Solar Flood Light Solar water Heater	10585 Kilowatt	Nil

Solar Pannal in College campus



Sparrow house in college campus



Botanical Garden



Green Campus Initiatives:

Efforts for green initiatives are:

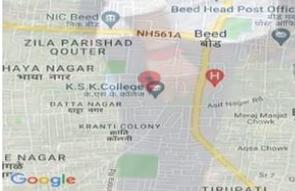
- On all events regular announcements are made to reduce the use of plastics as an awareness exercise
- Unwanted usage of power is discouraged in Institute.
- College celebrates 'No Vehicle day' on every second and fourth Saturday, no vehicles are allowed in college campus. Stakeholders are motivated to use bicycles.
- College supported students to use public transport by offering concessions for bus passes.
- Parking area is made Pedestrian friendly.
- Instruction boards for proper use of lights, Fans and electricity equipments displayed.
- Visit to the wind energy project of non- conventional energy.
- The solar panel of 2000 liter water capacity installed in the Girls hostel.
- Five solar flare light panels are installed.
- Constructed, repaired and cleaned little water storages nearby.
- Students and all stakeholders are strictly advised not to use any plastic and its materials (Not allowed).
- Minimum use of refrigerators and air conditioners for carbon neutrality.
- Office is advised for minimum use of papers and also motivated for reuse of rough papers.
- Many plants planted in Botanical garden and campus.
- PUC checking regularly.
- Posters/Signages on awareness on energy conservation and water conservation are made available in all relevant locations.
- Signages on awareness on preserving greenery in the campus are made available in all relevant locations.

Restricted entry of vehicles:

On every second and fourth Saturday, any automotive vehicles are not allowed in the college premises. There are restricted areas/points in the main campus where any vehicle is not allowed so as to avoid any disturbances in the smooth functioning of the college.

World environment day

World environment day was celebrated in the college on 5th June 2021. The program was attended by vice –principal Dr. Shivanand Kshirsagar , Dr. Khakre Pandit , Dr. Anita Shinde , NSS volunteers planted a total of ten trees in the college garden. The principal told to take care of that trees. Teachers and non teaching staff of the college as well as volunteers were present on this occasion



XQP2+H3X, Datta Nagar, Beed, Maharashtra 431122, India

Beed
Maharashtra
India

2022-06-06(Mon) 12:16(pm)

37°C
99°F

Cleanliness fortnight

Event name :- Cleanliness fortnight (01/08/2021 to 15/05/2021)

Convener :- NSS department

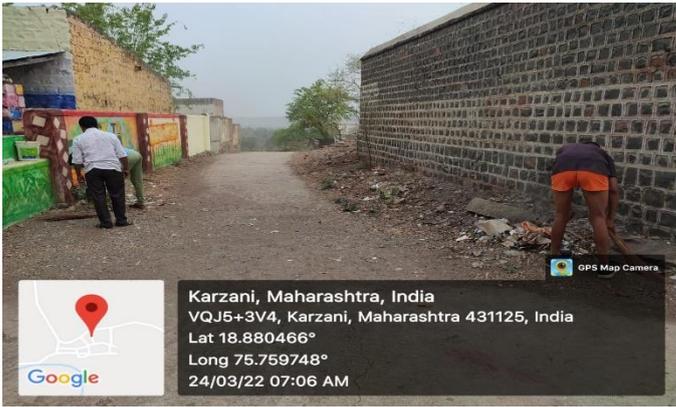
Programe :- Area cleaning and weeding in the garden

No of volunteers :- 26 Date :- 15/08/2021

During the period from 01/08/2021 to 15/08/2021 Dr Babasaheb Ambedkar Marathwada University, as per the letter of cleanliness fortnight was celebrated in the college on 15/08/2021 the entire campus of college was cleaned and the volunteers removed the grass grown in the garden and cleaned the entire garden P.O.

Dr.Pandit Khakre Dr.Anita Shinde , Dr Nagesh Shete as well as volunteers were present at this time.





Labour Donation

On 25.3.2022 during the labour donation session by the volunteers in the camp at karzani, on the main road leading to karzani village, the stones of the stone wall fell due to rain, mud fell on the road, so all the villagers were suffering because of this, we all the volunteers and some people of the village with our help. we cleared the road completed by lifting the wall stones and soil that had fallen on the road. on this occasion P.O Dr. pandit khakhre, Dr. Anita Shinde, Dr. Nagesh Shete, sarpanch, deputy sarpanch and villagers were present.

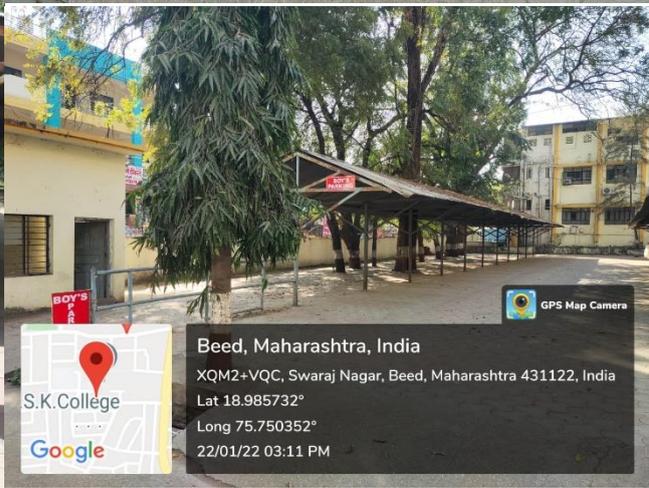
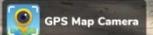




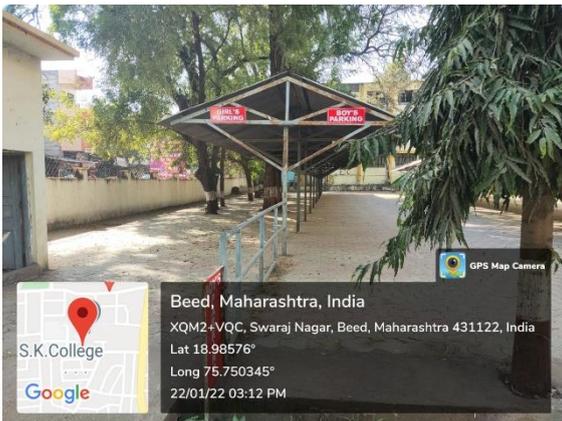
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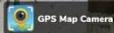
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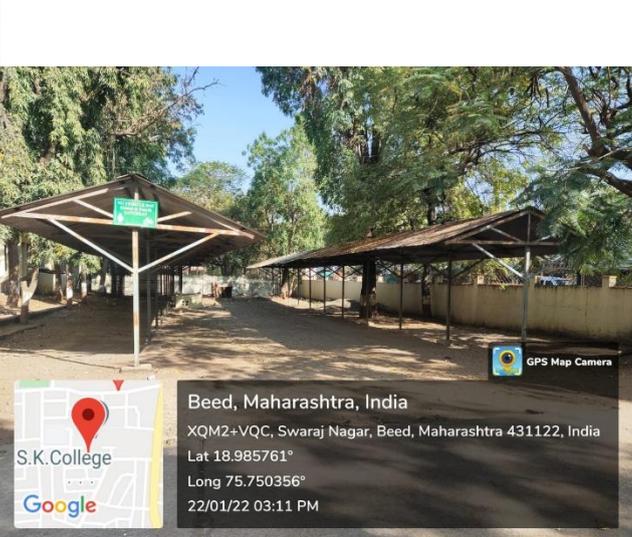
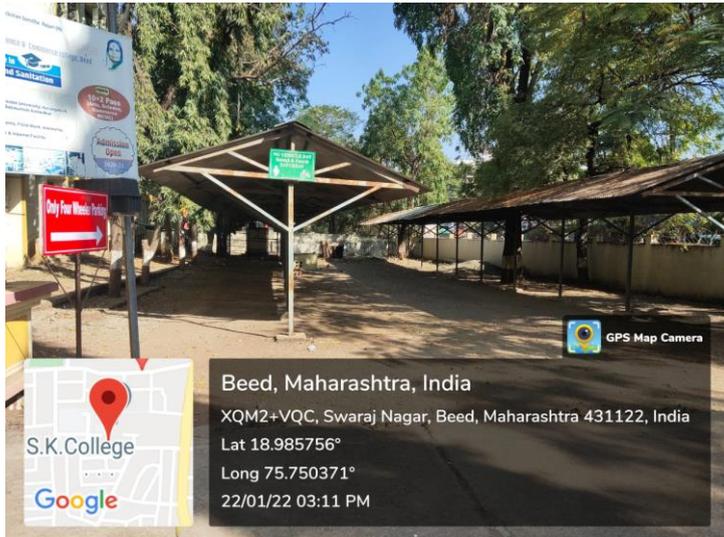


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Beed, Maharashtra, India
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GPS Map Camera

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Google



GPS Map Camera

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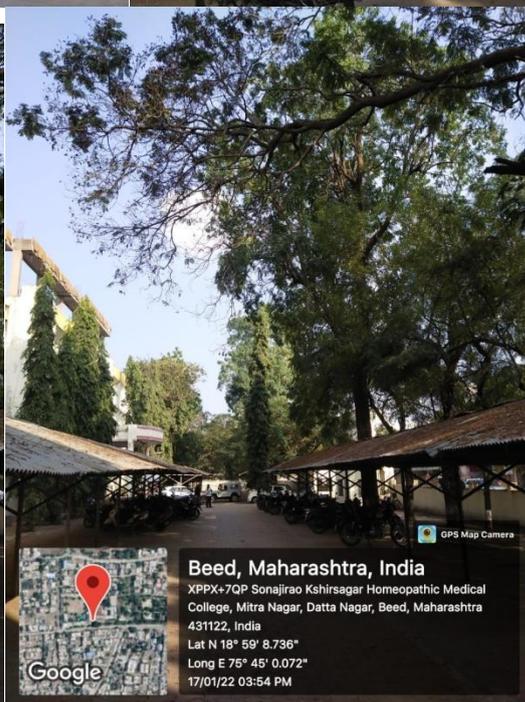
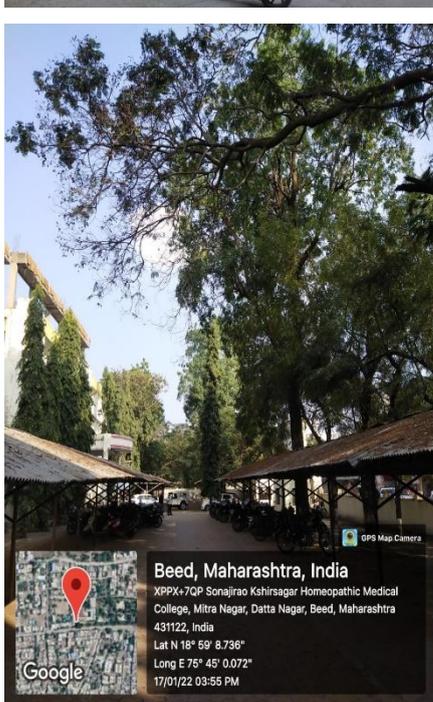
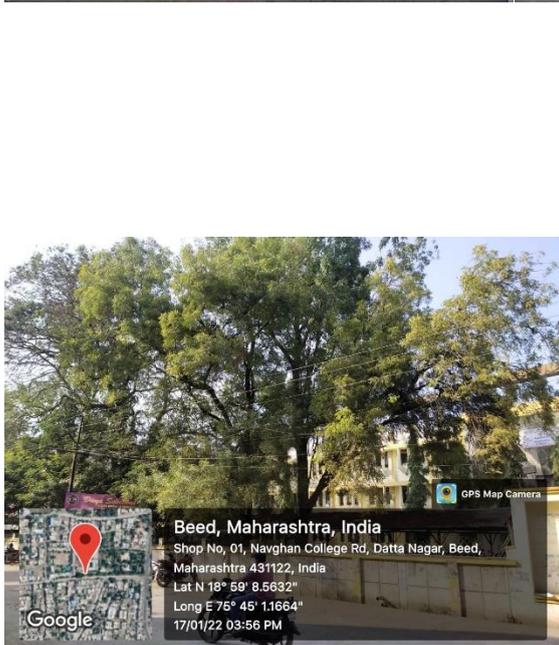
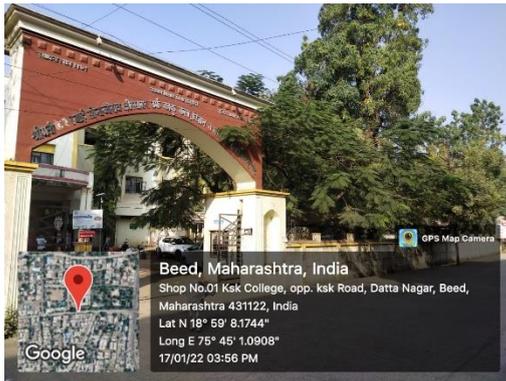


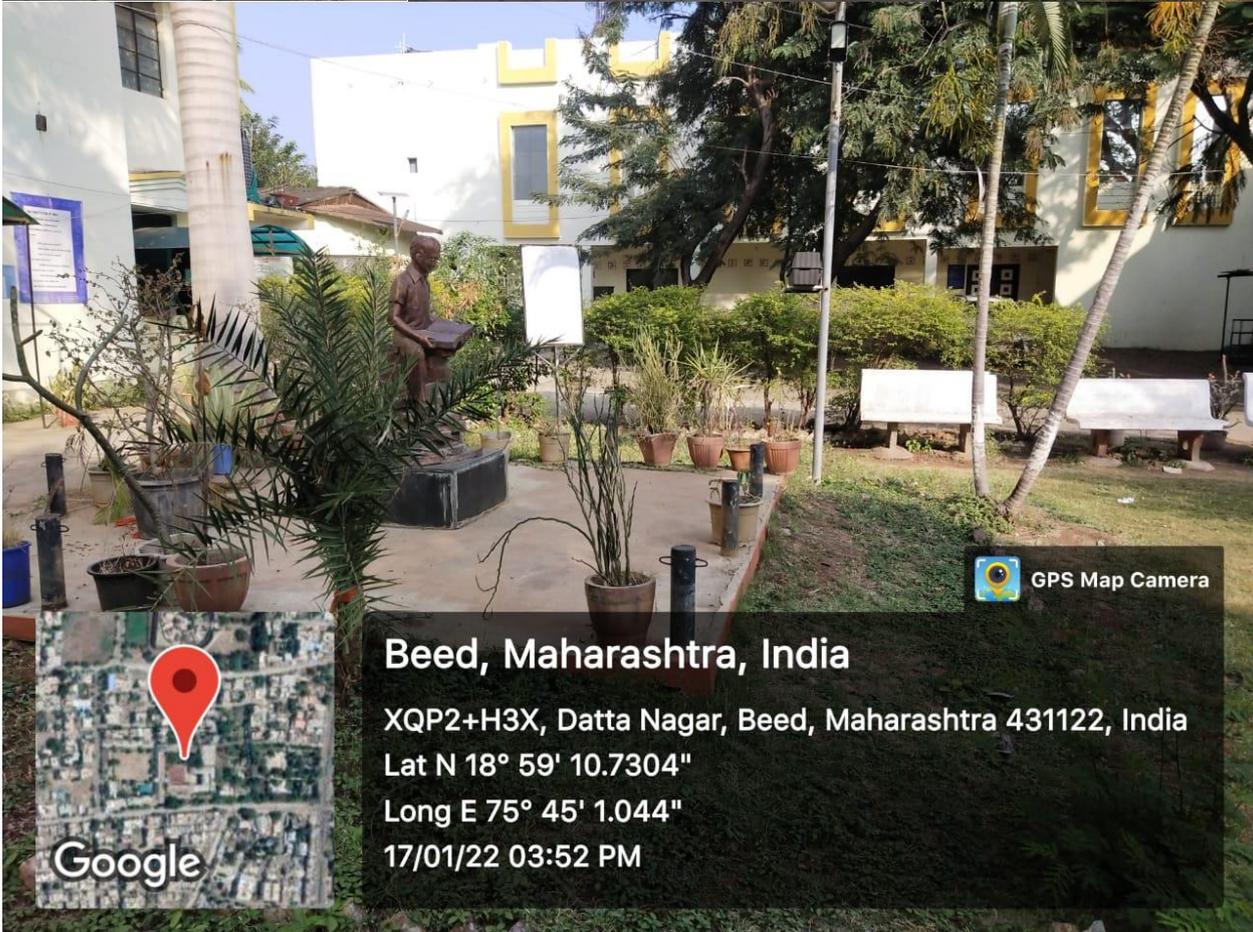
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Google

Landscaping with trees and plants:







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XQP2+C3M, Datta Nagar, Beed, Maharashtra

431122, India

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Navgan Shikshan Sanstha Rajuri (N)

**Mrs. Kesharbai Sonajirao Kshirsagar Alias
Kaku Art ,Science & Commerce College
Beed - 431122**

**Energy Audit Manual
2021-2022 ₂**

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1. Introduction

2. Committee formation

3. Acknowledgement

4. Objective

- 1. To study present level of Energy Consumption**
- 2. Analysis of Connected Load in Campus Other Than Motive Power**
- 3. Analysis of connected load of motive power**
- 4. Identified Energy saving opportunity**

5. Methodology

- 1. Study of connected load**
- 2. Study of Electrical Energy Consumption pattern**
- 3. Analysis of Connected Load in Campus Other Than Motive Power**
- 4. Analysis of connected load of motive power**

6. Suggestion

- 1. Replacement of CFL, fan and fluorescent tube by LED Bulb, LED Tube and Atomberg ceiling fans**
- 2. To install motion sensor at Principal Office , Seminar Hall, Sport Hall**
- 3. Replace Electric pump by Solar pump**
- 4. Replace MSEB light by Solar light**
- 5. Department wise KWH meter installation is necessary to monitor & control use of electricity by concern Department to enable to fix responsibility.**

7. Future plan.

- 1. All light cover by solar light next 5 years**

2. Old light consuming electrical appliance replaced by light efficient appliances
3. Electric pump replaced by solar pump

8. Evidence(8 Month Electricity light bill)₃

Introduction

Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Art ,Science & Commerce College Beed in Maharashtra state. This college is affiliated with **Dr. Babasaheb Ambedkar Marathwada University Aurangabad**. This college is established in **1971** which has been imparting higher education up to UG level in Art, science & Commerce faculty. College campus consists of buildings named as Main Building- A, Library - B, Sport Hall –C, Hostel- E, Canteen-F in which administrative office , various HOD cabins ,staff rooms , classrooms , various laboratory like Physics, chemistry, botany, micro biology as well as Music and Drama departments are functioning with basic motto to impart quality , employment, entrepreneur and Agro oriented higher education to mostly rural as well as marginal urban student. This college also provides gymkhana facility to student undergoing through various type of physical education. There is also beautiful library building Block- D where student studying in various branches have facility to refer books. The college developed garden & teak wood plantation in campus. 4

Electrical Maintenance Committee

1. Shri. Gonde G.D. Chairman
2. Shri. Saluke P.A. Member
3. Shri. Dr. Sanap B.M. Member
4. Shri. Vanjare V.S. Member
5. Shri. Jadhav A.D. Member
6. Shri. Gange A.H. Member
7. Shri. Khose M.R. Member

Acknowledgement

Department of Physics Navgan Shikshan Sanstha Rajuri (N)

Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Art ,Science & Commerce College Beed is very much thankful to **Principal Dr.D.B. Kshirsagar** and **Vice Principal S.V. Kshirsagar** for motivating us for energy audit 6

1. To study present level of Energy Consumption

Hall No.	Department	CFL/Pranal	Tube	LED Tube	LED Bulb	Fan	Inverter	Computer	Printer	Freez	A.C	Xerox	Focus	Exort	Oven	T.V.	Pump
0	Principal Office	52				4		3		12		1		3		1	
1	Office			2			2		9		6			9		8	
2	Vice Principal	1				3		1		2		3		1		1	
3	Chemistry					1			5			3			1		
4	Chemistry Lab					15			5			7			8		
5	Exam Section			1				3		1			1			1	
6	Inward, outward	1					3		1		1		1			1	
7	Economics Dept					3			2			1			1		
8	Physics Lab						4				1			1			
9	Zoology lab					1			1			2			2		
10	Zoology Dept			2				1		1			1		1		
11	Zoology lab			1				3		3			1		2		
12	Zoology lab								3					1			
13	Physics Lab							3			1			1			
14	Physics Dept.	4					2		2		1			1		1	
15	IQAC	4				3		4		1		1		1			1
16	Xerox Centre					1			1			1			2		
17	Seminar Hall					8			1			5			1		
18	Reader scribe						2				2			1			
19	Health care						1				2			1			
20	MCVC					1			2			2			2		
21	Computer	4					2		4		1			19		1	
22	Theory Hall								3					1			
23	commerce						1				1				2		
24	commerce Dept			2			3		2		1			10		1	
25	Home sci.						4				2				1		
26	Home sci. Dept			4				2		2			1			1	
27	Microbiology lab					5			1			2			1		
28	Microbiology lab	1					3		2		1			2		1	
29	Botany Dept.								1					2			
30	Botany Lab.	2					5		5		1			1		1	
31	Botany Lab.					4			2			2			1		
32	Microbiology lab					2			4			2			1		
33	English Dept.	1					4		3		1			18		1	
34	Geography						1				1				3		
36	Geography Dept.					2			3			3			1		
37	Mathematics			3				1		2			1			1	
38	Physical Dept.					2			2			1			1		
39	Music Dept.			1				6		3			1			1	
40	Music Dept.											3					
41	Theory Hall													2			
42	Theory Hall								4								
43	Political Science					1			1			1			1		
44	Sociology			1				1		2			1			1	
45	History			1				1		2			1			1	
46	Urdu						2				1				1		
47	Marathi						2				1				1		
48	Hindi						2				1				1		
49	Theory Hall						2				1				1		
50	Theory Hall								2					1			
51	Theory Hall								2					1			
52	Vocational						2				2				2		
53	Theory Hall																
54	Theory Hall			1			3		4		1			1		1	

