

CSIBER

(An Autonomous Institute)

CPE (College with Potential for Excellence – Phase III) Status

Green Audit

(2020-21)



Chhatrapati Shahu Institute of Business

Education and Research, (CSIBER), Kolhapur

December , 2021



CSIBER Trust's

**CHHATRAPATI SHAHU INSTITUTE OF BUSINESS EDUCATION
AND RESEARCH (CSIBER), KOLHAPUR**

An Autonomous Institute under UGC, New Delhi and Shivaji University, Kolhapur

College with Potential for Excellence (CPE) IIIrd Phase

Reaccredited by NAAC with 'A+' Grade (CGPA: 3.55)

DEPARTMENT OF ENVIRONMENT MANAGEMENT

Dr. C. S. Dalvi
Director

Late Dr. A. D. Shinde
Founder, CSIBER Trust

Dr. R. A. Shinde
Secretary & Managing Trustee



CERTIFICATE

This is to certify that, the Green Audit Report of **Chhatrapati Shahu Institute of Business Education and Research (CSIBER), Kolhapur** has been prepared and certified by the Department of Environment Management based on the documents produced by the Institute.

Prepared by

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Certified by

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Head,

Department of Environment Management

Date: 29/12/2021

Place: Kolhapur



Note: This analytical report cannot be used for legal purpose.

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GREEN AUDIT

1. Environmental Policy of the Institute

As one of the pioneer Institute in western Maharashtra in the subject of Commerce and Management , Computer Studies and Environment Management, green and clean is one of the mission of the institute. Plantation of trees on available space and co-existence with nature is Institute's green policy

2. Details of the Institution

2.1. Name and Address of the Institute:

Table No. 01: Name and Address of the Institute

Name	Chhatrapati Shahu Institute of Business Education and Research, (CSIBER) Kolhapur
Address	Shivaji University Road, Kolhapur 416004
City	Kolhapur
State	Maharashtra
Website	www.siberindia.edu.in

2.2. Coordinates:

16°41'14" N, 74°15'08" E

Elevation: 590 Mt MSL

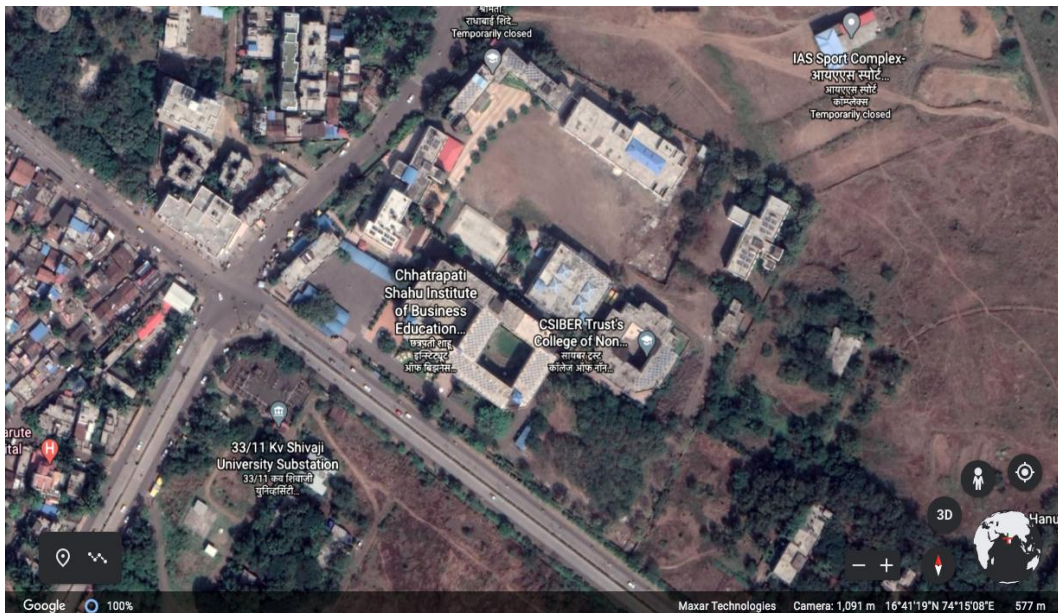


Plate No.01: Google Earth Image of CSIBER, Kolhapur

2.3. Details of CSIBER Location

Table. No. 02: Details of Location

City	Taluka	District	City Survey No.	Area (Ha)	Ownership
Kolhapur	Karveer	Kolhapur	369	0.83	CSIBER Trust, Kolhapur
			372	4.52	
			373	0.08	
			Road	(-0.75)	
			Total	4.68	

2.4. Land Use Pattern at CSIBER:

Table. No. 03: Land Use Pattern at CSIBER

Sr. No.	Particulars	Area (Sq. Mt)	Area (%)
1	Main Building	2894	21.84
2	RSEM School	876	
3	CBSE School	1522	
4	CNCVCW	1425	
5	Central Library	1176	
6	Canteen and Bank	473	
7	Ladies Hostel	1011	
8	Boys Hostel	719	
9	Staff Quarters	124	
10	Play Ground, Road, Open Space and Parking	36580	
	Total	46800	100

Note : Land use patterns as per Google map

3. Green Cover of the Campus:

Plantation programme was organized under the clean and Green initiatives at the CSIBER Campus. Director, Administrative Officer , Account officer, HOD, Faculty and staff of Environment Department participated in the programme.



Plate No. 02 : Plantation on the campus by Dr. C. S. Dalvi, Director, CSIBER



Plate No. 03: Plantation on the campus by Er. D. S. Mali, HOD, Environment Management.



Plate No. 04: Plantation on the campus by Faculty members Department of Environment Management

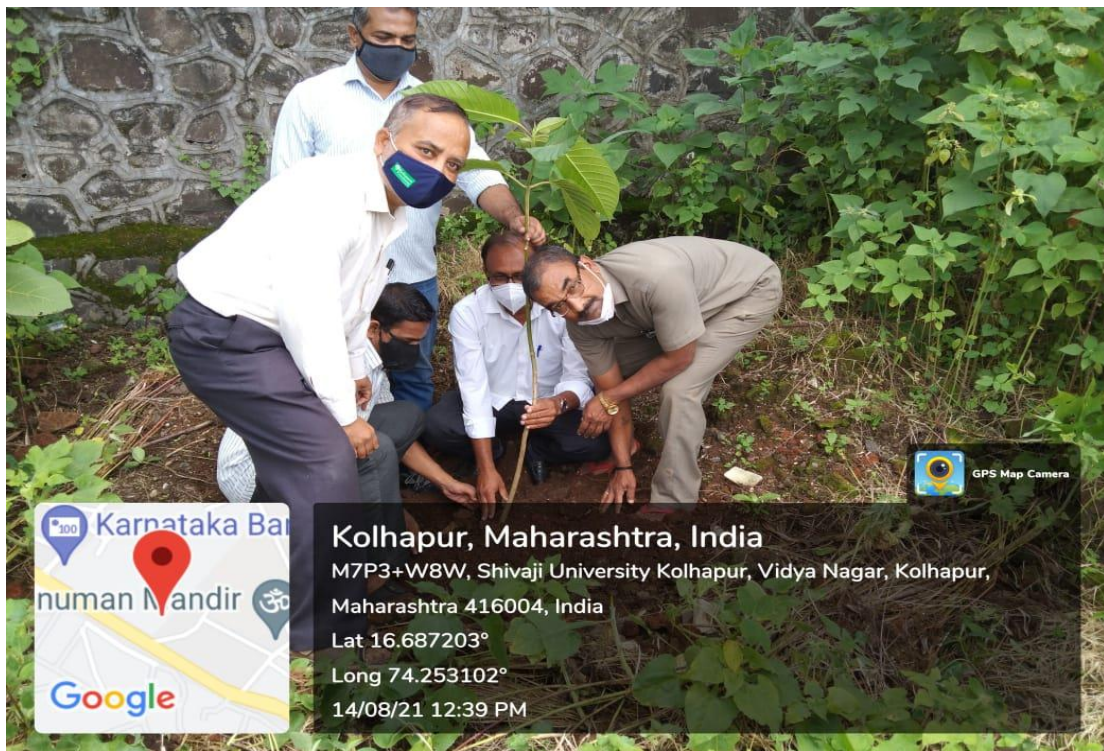


Plate No. 05: Plantation on the campus by Dr. V. B. Patil



Plate No. 06 : Landscape Development inside the campus



Plate No. 07.: Green Cover in the campus

Table No. 04 : List of trees with number present on the campus

Sr. No.	Common Name in English	Common Name in Marathi (Local Name)	Botanical Name	Uses	Total Number of Plants
1	Almond tree	Badam	<i>Terminalia catappa</i>	Show	2
2	Ashoka Tree	Ashoka	<i>Saraca asoca</i>	Furniture	20
3	Australian pine tree	Suru	<i>Casuarina equisetifolia</i>	Furniture, Fuel	1
4	Bakphul	Shewari	<i>Sesbania grandiflora</i>	Fuel, Animal Fodder	32
5	Banyan	Vad	<i>Banyan</i>	Cultural, Medicine	2
6	Bird Cherry	Bird Cherry	<i>Pruns albus</i>	Show	1
7	Camachile tree	Vilayati Chinch	<i>Pithecellobium dulce</i>	Medicine, Fruits	1
8	Caster Seed	Erand	<i>Ricinus communis Linn</i>	Medicine	17
9	Coconut tree	Naral	<i>Cocos nucifera</i>	Medicine, Fruits, Oil	5

10	Cup and Saucer Plant	Kap Bashi Plant	<i>Cobaea scandens</i>	Show	2
11	Curry Tree	Kadipatta	<i>Murraya koenigii</i>	Vegetable	1
12	Custard Apple	Seetafal	<i>Annona reticulata</i>	Fruits	1
13	Drumstick tree	Shevga	<u><i>Moringa oleifera</i></u>	Vegetable	3
14	Golden trumpet Vine	Allamanda	<i>Allamanda cathartica,</i>	Ornamental	1
15	Henna	Mehandi	<i>Lawsonia inermis</i>	Medicine	3
16	Holy Basil	Tulas	<i>Ocimum tenuiflorum</i>	Medicine	7
17	Indian fig tree	Umbar	<u><i>Ficus racemosa</i></u>	Medicine, Fruits	7
18	Jack fruit	Fanas	<i>Artocarpus heterophyllus</i>	Fruits	2
19	Lantana	Ghaneri	<i>Lantana camara</i>	Medicine	1
20	Lemon tree	Limbu	<i>Citrus limon</i>	Vegetable	1
21	Mango	Amba	<i>Mangifera indica</i>	Fruits	2

22	Neem tree	Kadulimb	<i>Azadirachta indica</i>	Furniture, Fuel	11
23	Nilgiri	Nilgiri	<i>Eucalyptus sp.</i>	Fuel	3
24	Palm	Taadd vrukssh	<i>Areaceae</i>	Ornamental	2
25	Papaya	Papai	<i>Caricus papaya</i>	Fruits	1
26	Peepal Tree	Pimpal	<i>Ficus religiosa</i>	Medicine, Cultural	2
27	Pomegranate	Dalimb	<i>Punica granata</i>	Fruits	1
28	Rat Killer Plant	Undir Mari	<i>Gliricidia sepium</i>	Furniture, Medicine	16
29	Rubber	Rubber	<i>Hevea brasiliensis</i>	Ornamental	1
30	Teak tree	Sagwan	<i>Tectona grandis</i>	Furniture	53
31	Kanchan	Kanchan	Bauhinia Variegata (Fabaceae)		10
32	Bahaawa	Bahaawa	Cassia Fistula L. (Fabaceae)		10

33	Kadamba	Kadamba	Neolamarckia Cadamba (Rubiaceae)		10
34	Taamhan	Taamhan	Lagerstroemia Speciosa (Lythraceae)		10
Total (No.)					242

4.0 Environmental Extension Activities

4.1 Ecofriendly God Ganesh Idol Making from Natural Clay

During Gauri Ganesh festival, due to visarjan /immersion of Ganesh Idol and Nirmalya in near by water reservoirs is done by local people. This will lead to the deterioration of water reservoirs. To avoid this workshop on **Ecofriendly God Ganesh Idol Making from Natural Clay** was organized for staff & Students of CSIBER, Kolhapur on 1 September, 2021.



Plate No.08: Ecofriendly God Ganesh Idol Making from Natural Clay



Plate No.08A: Ecofriendly God Ganesh Idol Making from Natural Clay

4.2 Fire Cracker Testing in Collaboration with Maharashtra Pollution Control Board (MPCB)

Testing of Fire crackers is organized by the Department of Environment Management in collaboration with, Maharashtra Pollution Control Board (MPCB) & Kolhapur Municipal Corporation (KMC) in CSIBER Campus on 22 October, 2021 with following objectives

- To test the noise level of different fire crackers available in market.
- To restrict the use of fire crackers of various companies based on their noise level.
- To reduce the noise pollution caused by fire crackers of different companies Used in festivals.

It has come to know that noise level of few fire crackers is more, but they are slight below the standards and noise of some other brand fire crackers are below the limit. It helps to decide the type of fire crackers which are recommend to use in festivals to control the noise pollution & its health hazards.



Plate No. 9: View of Fire Cracker Testing in collaboration with MPCB, RO, Kolhapur



Plate No. 9A: View of Fire Cracker Testing in collaboration with MPCB, RO, Kolhapur

4.3 Organized campaign for Plastic free Kolhapur named as “Sant Gadage Baba Sankalp Plastic Kachara Mukta Kolhapurcha”

Organized campaign for Plastic free Kolhapur named as “Sant Gdage Baba Sankalp Plastic Kachara Mukta Kolhapurcha” at CSIBER Chowk.

Objectives:

1. To make the Kolhapur Plastic Free.
2. To Make the Environment Clean under Sant Gadage Baba Abhiyan.

Out come: Talking about urban areas the Swachh Bharat Mission helps to educate the people in urban areas when it comes to keeping the surroundings clean by not littering everywhere and using dustbins. This mission helped the urban dwellers to remember fundamental duties and rights together, and that cleanliness is not limited to government departments and is a duty of every responsible citizen of this country. Accordingly “All the students and faculty has participated in the Swachata Abhiyan programme to make the area clean in front of CSIBER Chowk, Near Rajaram College on 23 February, 2021.



Plate No. 10 : Swachata Abhiyan programme organized on 23rd February, 2021

5.0 Conclusion:

Overall the campus is green with good biodiversity. Garden and plantations are in well maintained condition. Students and faculty members each year carry out plantation activity and plant few more trees in the campus.

6.0 Suggestions:

- Institute can carry out plantation activity outside the campus also if the space is limited in the camps. An open space can be adopted for plantation purpose which can be carried out by students of various department.
- Indoor plants can be planted in pots inside the building for improving indoor air quality and pleasant ambience.