



SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S
SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA (MS)
Affiliated with Sant Gadge Baba Amravati University, Amravati (MS)
UGC Status- College with Potential for Excellence (Phase II Completed)
DST- FIST (Level "00") Support;
Lead College Status by S. G. B. Amravati University, Amravati (MS)
Website: www.shivajiakola.ac.in

7.1.3

Facilities in the Institution for the management of degradable and non-degradable waste

Shri Shivaji Education Society, Amravati's

SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA



NAAC Re-Accredited with A grade with CGPA 3.24
UGC Status of 'College with Potential for Excellence', DST-FIST level-0 Support
Lead College status by S.G.B.A.U. Amravati



Near Shivaji Park, Akola - 444 001 (Maharashtra)
Phone & Fax : 0724-2410438/2411039
Website : shivajiakola.ac.in E-mail : principal@shivajiakola.ac.in

Late Dr. Panjabrao Deshmukh
Founder President

Hon. Harshvardhan Deshmukh
President

Dr. Ambadas L. Kulat
Principal

No. SSC/AKL/

Date 15/12/2021

Declaration

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

Hence this certificate.

Dr. A. S. Raut
Dr. A. S. Raut
IQAC Co-ordinator
Shri Shivaji College of Arts,
Commerce & Science, AKOLA

Dr. A. L. Kulat
PRINCIPAL
Shri Shivaji College, of Arts
Commerce & Science, AKOLA
A GRADE C.GPA. 3.24., BY NAAC



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CamScanner

7.1.3

Facilities in the Institution for the management of degradable and non-degradable waste

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**SHRI SHIVAJI COLLEGE OF ART S, COMMERCE AND SCIENCE,
AKOLA (MS)**

**Report of
Degradable and non-degradable waste**

- **Solid waste management**



Compost Pit



Vermi Compost unit



Bio compost unit



**Demonstration of waste treatment in campus by using compost rotator
(24th Sept. 2017)**

Shri Shivaji College of Arts, Commerce and Science, Akola (MS)

Solid Waste Audit was done by external agency- EcoShastra

Solid Waste Audit

EcoShastra

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Liquid Waste Management



Autoclaving for microbial liquid waste



Shri Shivaji Education Society, Amravati's


SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE & SCIENCE, AKOLA

NAAC Re-accredited with 'A' grade with CGPA -3.24 | UGC Status of college with Potential for Excellence | DST FIST Sponsored, Lead College Status by Parent University




RAINWATER HARVESTING IN THE CAMPUS

Project by Department of Geology & Geo-informatics with NSS







Total catchment area : 11461 sq. meter

Total volume of rainwater collected :
246275.225 cubic metres (m³) or **24,62,75,225** litres.

About 70 percent of the total rainwater harvesting potential to the harvesting recharge structure.

So that, **Total volume of rainwater harvested about : 172392.65** cubic metres (m³) or **172392657.5** liters .

The College has developed its own rainwater harvesting model by constructing rainwater recharge trench having size 100ft x 4.5ft x 10 ft located at North- West part of the College campus. The recharge trench site was selected by using GIS, Geophysical and Geological survey of the college campus. The main water bearing formation i.e. Basalt (Deccan Traps) fractured, jointed under phreatic conditions whereas, Alluvium- Sand, silt and clay column, under semiconfined to confined conditions were reported.

All the runoff of surface water and rooftop rainwater outlets collected with PVC Pipes and drains into the groundwater recharge pits. To increase groundwater recharge, two recharge borewells were taken along recharge trench for artificial opening to basement sand, silt and clay column to avoid confined condition and drilled up to a weathered and highly jointed basalt sections which having a good groundwater holding and yielding capacity. The rainwater harvesting structures enhanced groundwater table in and around the college campus. The college borewells continuously yielding groundwater also in summer seasons.



Biomedical waste Management



Biomedical Waste handed over to Corporation van





E-waste management

Shri Shivaji Education Society, Amravati's

SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA

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Late Dr. Panjabrao Deshmukh
Founder President

Hon. Harshvardhan Deshmukh
President

Dr. Rameshwar. M. Bhise
I/C Principal

To, SSC/AKL/ Date 10.6.2021

To,


M/s Lilashana Sales,
Ramdoot Complex, Nandura road,
Khamgaon, Dist-Buldana-444303

Subject- Regarding e-waste management

Respected Sir,

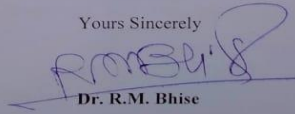
With reference to the subject cited above, we are hereby requesting you for management of e-waste produced by our college. As an academic institution, we are having huge setup of various laboratories including Computer Science lab, Electronics lab, Physics lab etc. Rest of the departments and administrative offices are also using computers, Printers etc. In this regard some e-waste is generated every year of which we try our best to reuse these all. At last few of these materials are wasted and needed to be sent for scientific procedure of recycling, for which we are requesting you for assistance in recycling of these materials.

Thanking you in anticipation.



Dr. G. S. Wajire
Incharge
e-waste management

Yours Sincerely



Dr. R.M. Bhise
Principal,
Shri Shivaji College of Arts, Commerce and Science,
Akola

Request letter regarding agreement

LILASHANA SALE

(Super speciality in E-waste)

Mob.9850349580

7709324489

Ramdut Complex, Khamgaon, Dist Buldana (Maharashtra)

Date: 03/10/201

पति,
 मा.प्राचार्य साहेब,
 श्री. शिवाजी कॉलेज ऑफ आर्ट,कॉमर्स व सायन्स
 अकोला

दि.21/12/2021.

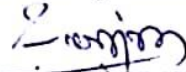
विषय : E-Waste स्कॅप मटेरीयल संदर्भात

महोदय,

आपण दि.१०/०६/२०२१ रोजी आपल्या कडे असलेल्या E-Waste मटेरीयल संदर्भात पत्र पाठविले होते. त्या संदर्भात आमच्या कंपनीच्या थोड्या व्यस्त कामामुळे दखल घेतल्या गेली नाही. त्याबद्दल क्षमस्व.

महोदय आपल्या अकोला स्थित श्री शिवाजी कॉलेज ऑफ आर्ट,कॉमर्स व सायन्स मधिल तसेच आपल्या संस्थेच्या असलेल्या इतर शिक्षण संस्थामध्ये निरुपयोगी / निकामी झालेले इलेक्ट्रीकल व इलेक्ट्रॉनिक वस्तु आपण कळविल्यानंतर आम्ही आपल्याकडून घेवून जावु आपणासोबत पर्यावरणाचे समतोल राखण्यासाठी शासनाने नियुक्त केलेल्या आमच्या फर्मला आपल्या सोबत मिळून काम केल्याचा आनंद होईल. तरी आपण वरील E-Waste मटेरीयल जमा झाल्यास कळवावे आपणास आमच्या कंपनीकडून ग्रीन सर्टिफिकेट सुध्दा मिळेल धन्यवाद !

आपला कृपाभिलाषी



लिलाशांना सेल्स,खामगांव

9511244475

Agreement

• **Waste recycling system**



Biogas Plant

“Best out of Plant Waste” Exhibition organized by Department of Botany



Shri Shivaji College of Arts, Commerce and Science, Akola

DEPARTMENT BOTANY

“EXHIBITION OF BEST OUT OF PLANT WASTE”

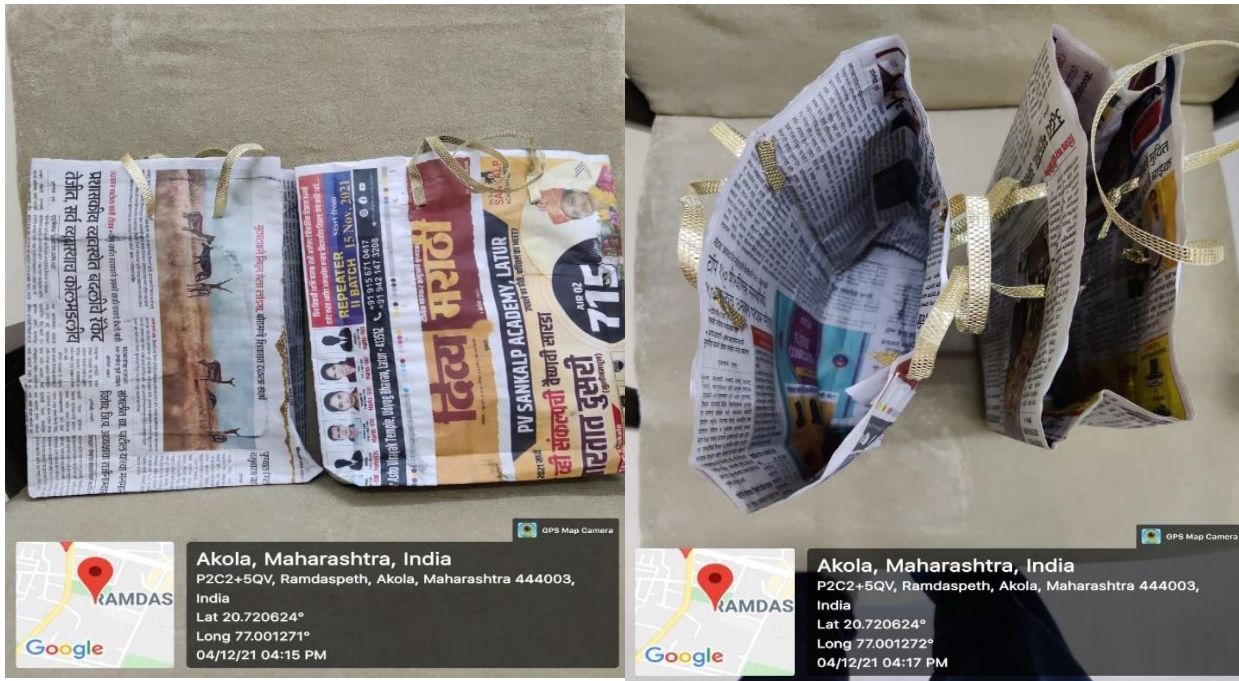
Sr.No	Name of Student	Class	Contact No	Email Id
19	Sagar D. Mahalle	B.sc III rd	8459524685	—
20	Shubham R. Gotmare	B.sc III rd	7066901964	gotmareshubham99
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36	Piyanka Wadhe	M.Sc II nd	8935207216	—

Shri Shivaji College of Arts, Commerce and Science, Akola

DEPARTMENT BOTANY

“EXHIBITION OF BEST OUT OF PLANT WASTE”

Sr.No	Name of Student	Class	Contact No	Email Id
37	Namrata Zafarde	M.Sc II nd	912 516 2812	—
38	Vaishali J. Marodkar	M.Sc I st	7992919298	vaishalimarodkar11@gmail
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49	Sangita Ghogale Athawale	B.A II	9780158489	—
50	Shruti Singhpal Karkate	B.Com II	9689839374	—
51	Gandhya D. Hopal	M.Sc II nd	7710070552	—
52	Poonam H. Devnawal	M.Com I st	8890375468	—
53	Kiran B. Kamle	B.Sc II nd	7083866603	—
54	Rohit R. Gandhi	M.Sc I st	8605264527	Rohitgandhi404@gmail.com



Paper Bags from old News Papers



Paper articles from old news paper

RE-TEX – A venture for textile waste management

Retex
A venture for textile waste management

Repurposing Textiles...

- Reducing
- Remodeling
- Renovating
- Redesigning
- Recycling

It is an ecological & Sustainable initiative to share, connect and employ people through uniqueness, innovation and creativity.

+91 8329332210 Retex re_tex_

Contact : +918087296672 / +919011836143
Email : retax0001@gmail.com

Pre-Consumer (Industrial Scrap)

↓

Artisans Recycle to products like :

↓

Children's Wear

Patch Work

Accessories

Craft Ideas

Jewellery

Fashion Garments

Post-Consumer (Domestic Waste)

Donations to needy

Up cycle to clothing handbag

Up cycle to doormats

Re-tex
A venture for textile waste management

