



SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S

**SHRI SHIVAJI ARTS, COMMERCE AND SCIENCE COLLEGE, MOTAL**

(NAAC Re-accredited with C Grade with CGPA 1.86)

ISO 9001:2015 Certified College



3<sup>rd</sup> Cycle  
Assessment & Accreditation by NAAC

**Criterion VI**  
**Governance, Leadership and Management**

**6.5**  
**Internal Quality Assurance System**  
**6.5.1**

**IQAC has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities.**

# INDEX

## 1. Self-Declaration

## 2. Quality Assurance Strategies & Processes

- *Deployment of institutional perspective plan*

## 3. Teaching-Learning process and Learning outcomes

- *Feedback on Teaching-Learning and Evaluation*
- *Review and analysis of Learning outcomes*
- *Academic Calender*
- *Annual report of examination*
- *Passing Percentage of final year students*
- *Slow and Advance learners, Bridge courses*
- *No of Add on and certificate courses conducted*
- *No of Workshops conducted*
- *No of research papers published in peer reviewed journals*
- *Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings*
- *Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development*
- *Total number of awards and recognition received for extension activities from Government/ Government recognized bodies*
- *Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc*
- *Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses*

## 4. Incremental development in various activities

- *Upgradation of library with ILMS, SOUL-3.0*
- *Automation of administrative office*
- *Green, Environment and Energy Audits*



Shri Shivaji Education Society Amravati's

**SHRI SHIVAJI ARTS, COMMERCE & SCIENCE COLLEGE,  
MOTALA, DIST. BULDHANA (M.S.)**

(NAAC Re-accredited with C Grade with CGPA 1.86)



○ College Code : 317 ○ E-mail : ssacscm317@gmail.com ○ Website : www.sscmotala.ac.in ○ Cell No. : 9422945519 ○

**Shri. Harshvardhan P. Deshmukh**

President  
Shri. Shivaji Education Society, Amravati

**Dr. Gajanan N. Jadhao**

M.A., Ph.D., B.Ed.  
Principal

Outward No. SSACSCM/.....

Date: 20/05/2023

## Declaration

This is to certify that the information, reports, true copies of the supporting documents, numerical data, etc. furnished in this file have been verified by the IQAC and the Head of the Institution. The data is found correct.

Hence the certificate.

  
IQAC CO-ORDINATOR  
Shri Shivaji Arts, Commerce  
and Science College, Motala



  
Principal  
Shri Shivaji Arts, Commerce  
& Science College Motala,  
Dist. Buldana

**6.5.1 IQAC has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities.**

The Internal Quality Assurance Cell has significantly contributed for institutionalizing the quality assurance strategies and processes by designing short term and long term Perspective Plans and framing and implementation of various quality policies.

**Quality assurance strategies and processes:**

- The CDC, IQAC and other Committees prepare Perspective Plans, guide and monitor all quality assurance and enhancement in academic & other activities.
- The IQAC carried out internal Academic Audits of the departments to review learning outcomes at periodic intervals with an objective to evaluate and appraise the functioning of departments in terms of learning, evaluation, research, co-curricular and extension activities.

**Review of Teaching Learning Process:**

- The IQAC monitors academic activities including regular teaching-learning processes and seeks feedbacks from stakeholders to assess the outcomes periodically.
- Academic Monitoring is done by proper implementation of academic planning, academic calendar and schedules for continuous internal assessment and university exams.
- Organization of Induction Programmes, Bridge Courses in different subjects for entry level students
- IQAC has promoted research activities during last five years with an output of 9 Books/Chapters published in research papers in journals and 01 patent
- 3 classrooms are ICT enabled and 100 mbps Internet connectivity, Wi Laboratory, Labs and Departments.
- The IQAC collaborated with various departments and organized National 02 webinars /17 workshops and 25 Add-on/ certificate courses during last five years.
- and various online/offline competitions and events organized during last
- five years.
- The central library is upgraded with ILMS, SOUL 2.0, and OPAC facilities.
- The administrative office is automated and has Campus ERP.
- The institute has 17 Functional MoUs and established collaborations with other institutions, NGOs for mutual benefits and undertook various activities like hands-on training in skill enhancement, internships societies, and on-site vocational exposure to the students.
- The IQAC ensures proper career guidance through Career Counselling & Placements Cell by organizing guest lectures on competitive exams.
- The Alumni Association is registered and actively engaged in institutional development through donations & academic contribution.
- Energy, Green Audits of the institution are carried out.
- 7.5 KW Solar System is installed to make the institution energy independent.
- Divyangjan facilities are created on the campus to facilitate easy access and movement for them.
- Green initiative like reduced use of plastic and papers, saving electricity and water, environment conservation etc. are promoted on and off campus

## *Deployment of Institutional Perspective Plan*

<b>Plan</b>	<b>Achievement</b>
Introduce new courses, add-on/certificate courses	Total 25 add-on Courses run.
Introduction of PG/Ph.D. Programmes	Only 01 Ph.D. research Center in Commerce and Management
Organization of Bridge Courses.	Conducted Bridge Courses in all streams for UG entry level students.
Augmentation & Maintenance of Physical & Academic Facilities.	<ul style="list-style-type: none"> <li>• Purchase of Computers, Printers, Projectors for labs and ICT rooms.</li> <li>• Installed CCTV Cameras in Classrooms, Labs, Library and Campus.</li> <li>• Maintenance &amp; Renovation of Classrooms, Laboratories, Library &amp; Sports infrastructure.</li> <li>• Fencing &amp; Compound wall for campus.</li> <li>• Installation of 7.5 KW Solar Power generation Unit.</li> <li>• Wi-Fi Connectivity with 100 Mbps Speed.</li> </ul>
Green & Energy Audits	Carried out Green & Energy Audits of Campus.
ICT enabled Teaching-Learning	02 Classrooms and 03 labs are ICT enabled for teaching learning. In addition to this IQAC Conference room,
E-Content Development	E-Content on curriculum related topics developed by faculty and available for students.
Automation of Library & Administrative Office	Library is Automated with ILMS, OPAC, and SOUL 2.0. Administrative office has ERP software (Campus Net).
MoUs & Collaborations	The Institution has signed 17 functional MoUs and established linkages with NGOs & GOs.

<p>Career Counselling and Placement Guidance Cell</p>	<ul style="list-style-type: none"> <li>• Placement Guidance and Competitive Coaching programme organized various times through Career Counselling and Placement Guidance Cell.</li> <li>• 10 students have been placed in various sectors during last five years.</li> </ul>
<p>Alumni Engagement</p>	<p>The college Alumni Association of '<b>Shri Shivaji Kala Vanijya va Vidnyan Mahavidyalaya Alumini Association Motala</b>' is registered (Reg. No. MH/269/2022).</p> <p>The Alumni has significantly contributed for institutional development through donations of books and building materials. Expertise knowledge sharing and participating in organization of events.</p>



Shri Shivaji Education Society Amravati's

**Shri Shivaji Arts, Commerce & Science College,  
Motala, Dist. Buldhana (M.S.)**



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\* Permanently affiliated to Sant Gadge Baba Amravati University, Amravati \* Recognition of UGC, New Delhi Under Section 2F & 12B OF UGC Act 1956 \*  
\* College Code : 317, Town Code : 072 Ph. & Fax : 07267-245324 \* e-mail : clg\_mot\_sac@ssesa.org \* Website : www.accmotala.org \* Cell : 9763561505 \*

**Shri. Harshavardhan P. Deshmukh**

President  
Shri Shivaji Education Society, Amravati

**Dr. S. W. Mamalkar**


Officiating Principal  
M.Com., M.Phil., Ph.D.

Out Word No. SSACSCM/.....

Date : .....

### FEEDBACK COMMITTEE COMPOSITION

Sr. No.	Name of Teacher	Position
1	Dr. S. W. Mamalkar,	Chairman
2	Shri. D. M. Mangate	Coordinator
3	Shri B. S. Bhise	Member
4	Shri N. R. Rahate	Member

  
IQAC CO-ORDINATOR  
Shri Shivaji Arts, Commerce  
and Science College, Motala



  
Principal  
Shri Shivaji Arts, Commerce  
& Science College Motala  
Distt. Buldana

## Feedback Analysis

The Feedback Analysis Committee of the institution designs and collects feedback from its stakeholders to monitor and evaluate its performance quality on curriculum and curriculum related issues. The feedback forms were collected online in the end of academic section from students, Parents, Alumni and Parents on several aspects of curriculum and its learning related issues in terms of quality, competence, skills and professionalism. This feedback also considers other issues like delivery of curriculum by teachers. The report of feedback analysis is submitted to Principal of College and IQAC for necessary action and thereafter the analysis is shared with all constituent colleges, heads and they are instructed to take necessary measures and actions as to comply with the issues raised by the learners.

IQAC makes it a tradition to mandatorily collect feedback from stakeholders- students, teachers, parents, alumni and employers. This is done by the feedback committee. It collects and analyse the feedbacks from different stakeholders and submit action taken report to the appropriate bodies.

### Methodology:

- 1) The Feedback on curriculum is collected from students by circulating the FeedbackForms. It is collected by feedback committee and submitted to IQAC to deliberate on various suggestions made by the stake holders
- 2) The feedback committee holds meeting at the end of the academic year to discusson the various suggestions and prepare action taken report.
- 3) The action taken report will be circulated among the staff members through theIQAC and a copy of the same report is submitted to SQAC.

  
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Principal  
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### Analysis:

The data is compiled and analysed through statistical tools. It is given for deliberation to the head of the institution.

### General Action Plan after data collection and analysis

Based on the Annual Feedback Action Taken Report plans for the next academic year will be prepared in the faculty meeting.

Department level meetings are also held to execute and implement the action plan.

### Committee composition:

1. Dr. S. W. Mamalkar, Principal Chairman
2. Shri. D. M. Mangate (Coordinator)
3. Shri B. S. Bhise (Member)
4. Shri N. R. Rahate (Member)

  
IQAC CO-ORDINATOR  
Shri Shivaji Arts, Commerce  
and Science College, Motala



  
PRINCIPAL  
Shri Shivaji Arts, Commerce  
& Science College Motala  
Distt. Buldana

## Feedback System

**Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni.**

<b>Sr. No.</b>	<b>Stakeholders</b>
<b>1</b>	<b>Students</b>
<b>2</b>	<b>Alumni</b>
<b>3</b>	<b>Teachers</b>
<b>4</b>	<b>Parents</b>

SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S



SHRI SHIVAJI ARTS COMMERCE & SCIENCE COLLEGE MOTALA, DIST-  
BULDANA

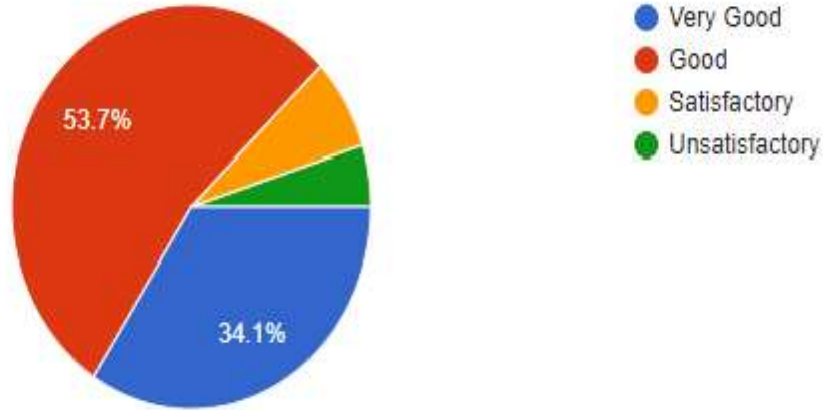
FEEDBACK ANALYSIS-2022-23



# Alumni feedback Analysis 2022-23

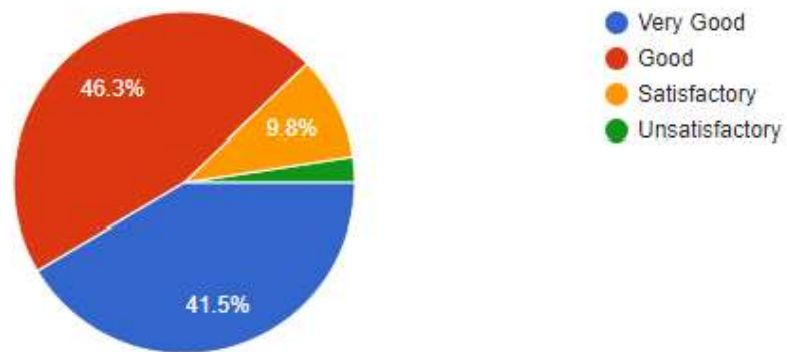
1) The curriculum incorporates recent changes in the area. अभ्यासक्रमात क्षेत्रीय अर्वाचीन बदलांचा समावेश आहे.

41 responses



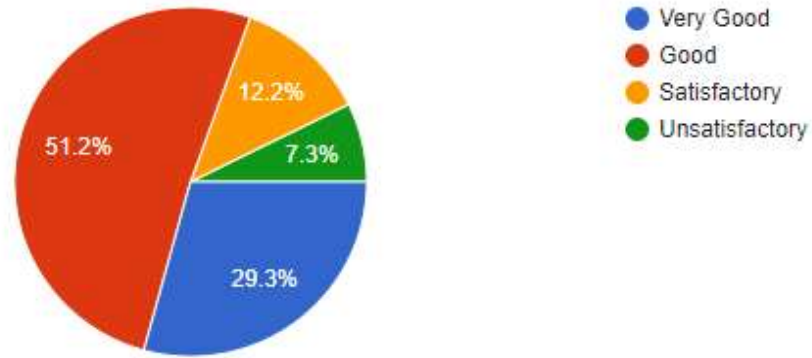
2) The new courses introduce contemporary requirement. नवीन अभ्यासक्रम समकालीन गरजांची ओळख करून देतो.

41 responses



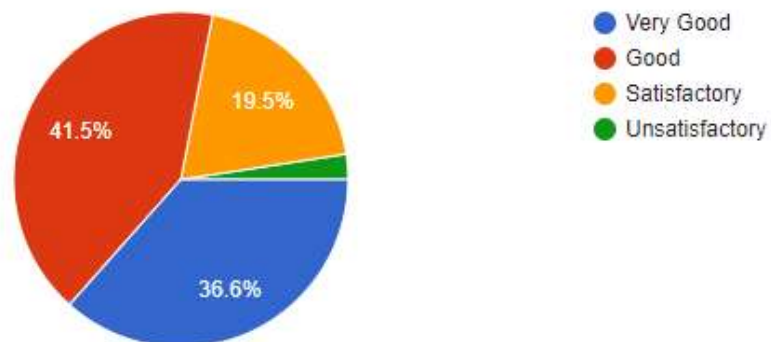
3) Representation from stakeholders is helpful in designing and improving the courses. अभ्यासक्रमाचा आराखडा तयार आणि विकसित करण्यासाठी समाजातील घटकांचे प्रतिनिधित्व अभ्यासक्रम साहाय्यकारी आहे.

41 responses



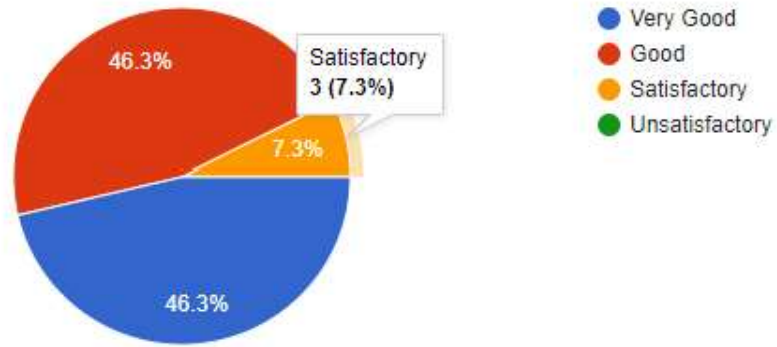
4) The curriculum has been updated from time to time. अभ्यासक्रम वेळोवेळी अद्ययावत करण्यात आला.

41 responses



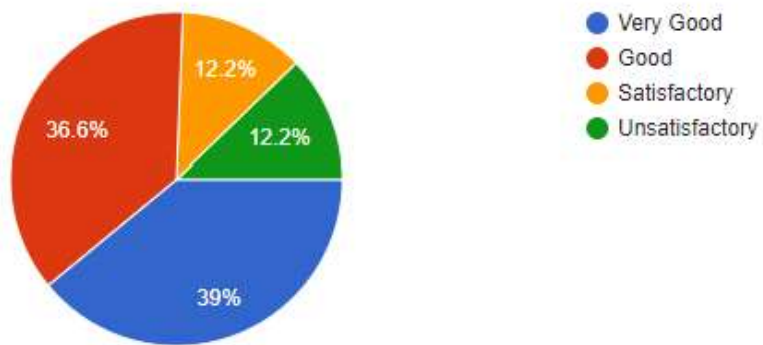
5) The course have relevance to the needs of the society, economy and environment.  
अभ्यासक्रम समाज, अर्थव्यवस्था आणि पर्यावरणीय गरजांशी समर्पक आहे.

41 responses



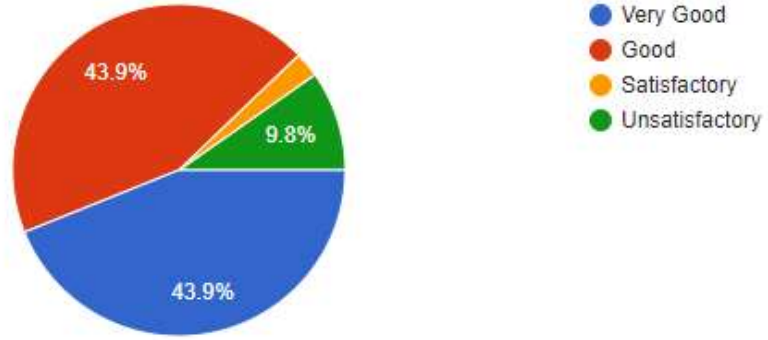
6) Infrastructural facilities are available in the institution. संस्थेमध्ये पायाभूत सुविधा उपलब्ध आहेत.

41 responses



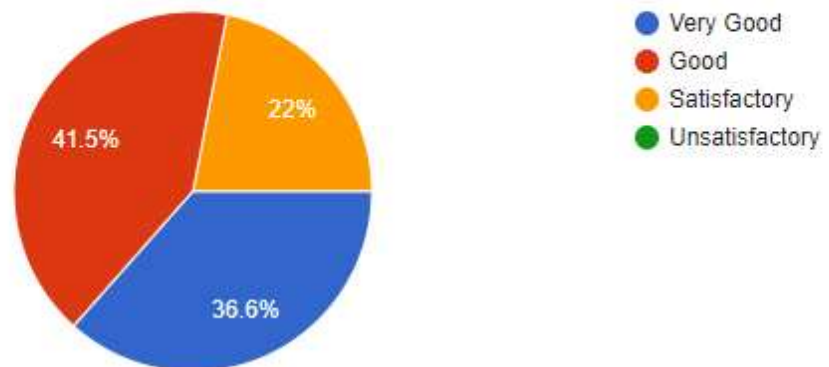
7)you receive letter/Mails/ Calls/SMS from the institution.आपल्याला संस्थेकडून पत्र / मेल / कॉल / एसएमएस प्राप्त होतो.

41 responses



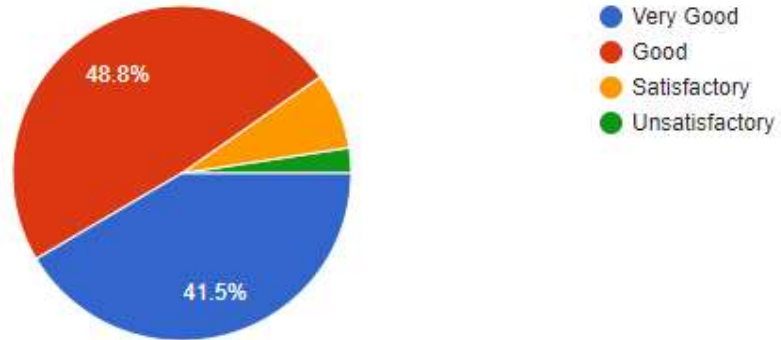
8) The administration is Alumni friendly. प्रशासन माजी विद्यार्थ्यांसाठी अनुकूल आहे.

41 responses



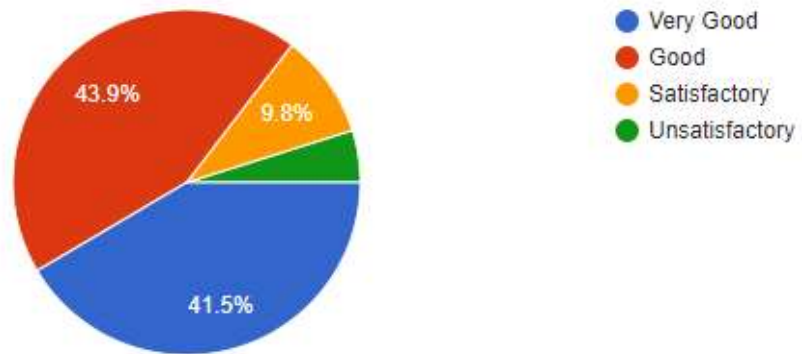
9) The environment in the institution is conducive to teaching and research. संस्थेतील वातावरण शिक्षण आणि संशोधनासाठी अनुकूल आहे

41 responses



10) Office Staff supportive to students कार्यालयीन कर्मचारी यांचे सहकार्य

41 responses





SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S



SHRI SHIVAJI ARTS COMMERCE & SCIENCE COLLEGE MOTALA, DIST-  
BULDANA

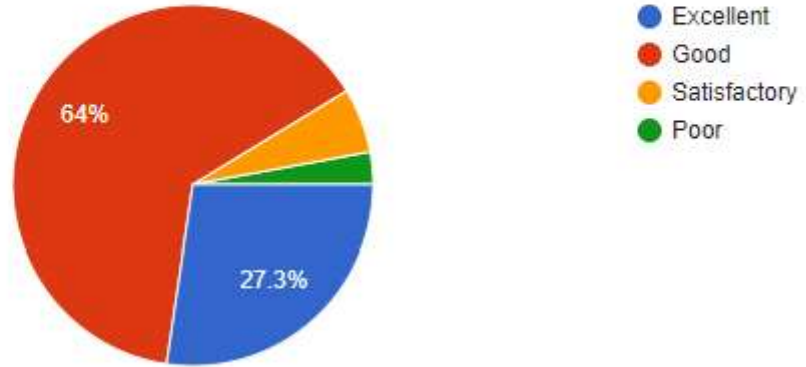
FEEDBACK ANALYSIS 2022-23



# Parent Feedback Analysis 2022-23

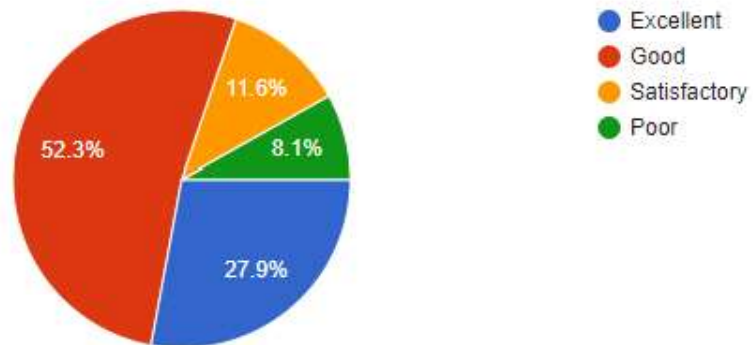
1) Suitable design of curriculum अभ्यासक्रम रचना योग्य आहे

172 responses



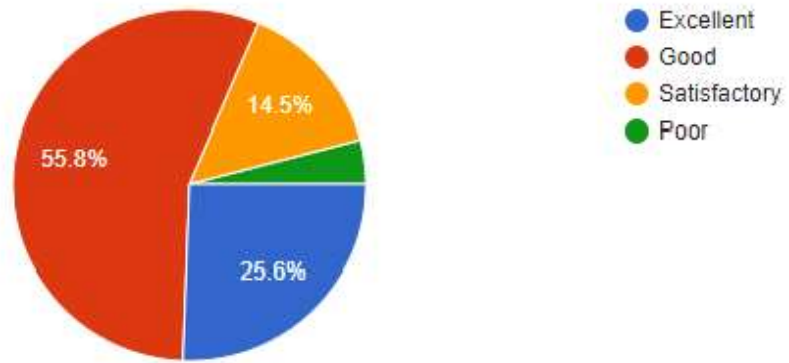
2. Relevance of course content to the local needs अभ्यासक्रमात स्थानिक गरजांसाठी सामग्रीची प्रासंगिकता

172 responses



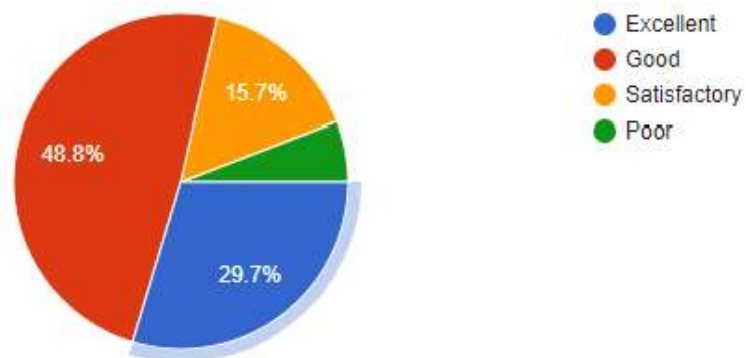
3) Courses had promoted Entrepreneurship in students. अभ्यासक्रमामध्ये विद्यार्थ्यांना उद्योजकता प्रोत्साहन देण्यात आले.

172 responses



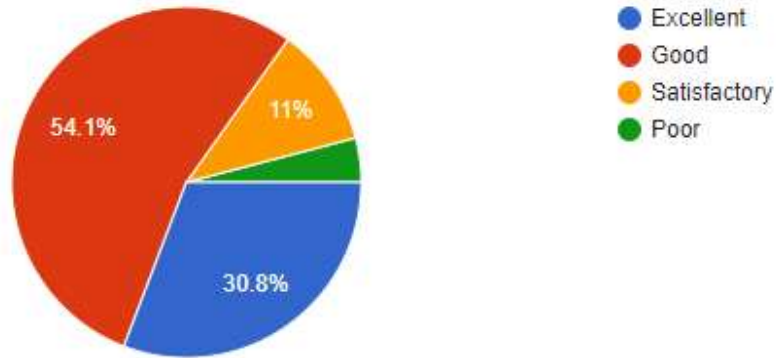
4) Syllabus is sufficient to bridge the gap between current global scenarios and academics. सध्याच्या जागतिक परिदृश्यांमधील आणि शैक्षणिक विषयातील अंतर कमी करण्यासाठी अभ्यासक्रम उपयुक्त आहे.

172 responses



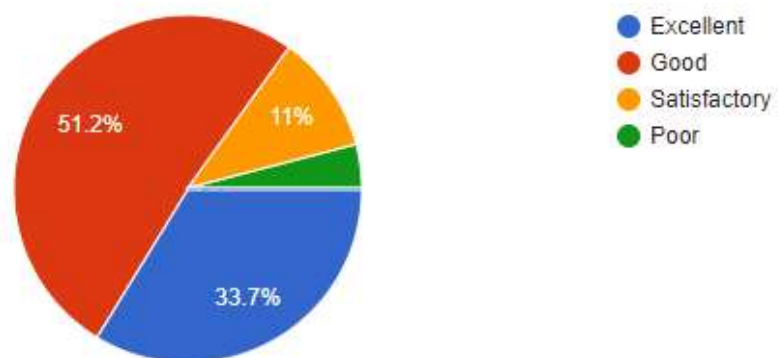
5. Co-operation of Office Staff. कार्यालयीन कर्मचाऱ्यांचे सहकार्य

172 responses



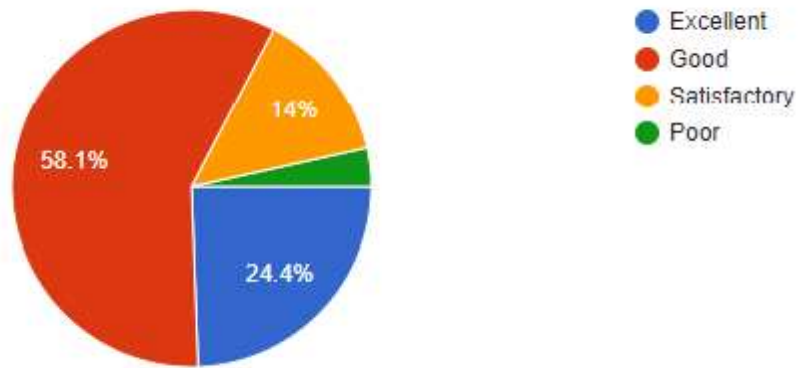
6) The environment in the institution is conducive to teaching and research. संस्थेतील वातावरण शिक्षण आणि संशोधनासाठी अनुकूल आहे.

172 responses



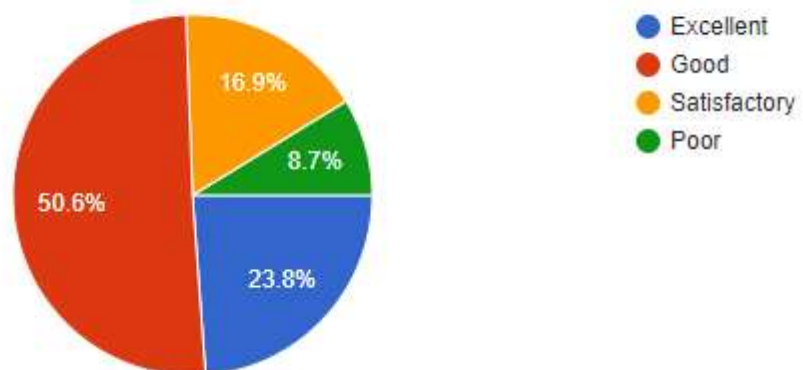
7)the organization's Tutor- Guardian Scheme.संस्थेची शिक्षक-पालक योजना

172 responses



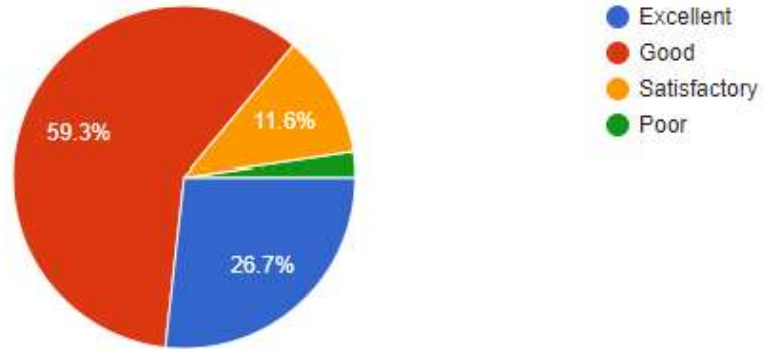
8)Infrastructural facilities in the institution. संस्थेमध्ये पायाभूत सुविधा

172 responses



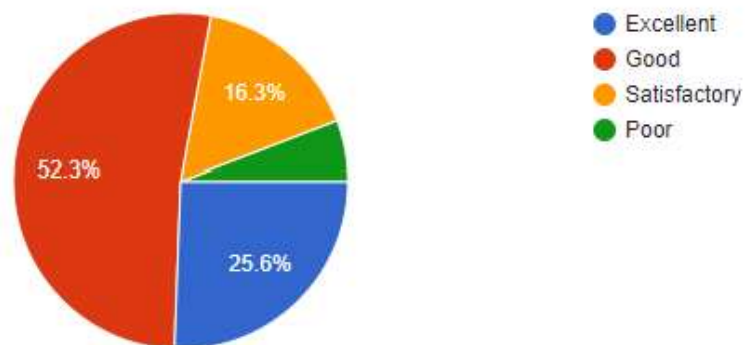
9) Student counselling and mentoring helped in inculcating moral and ethical values among the students.

172 responses



10. The classrooms, labs and furniture facilities are adequate and well maintained. वर्ग आणि प्रयोगशाळांमध्ये फर्निचर सुविधा पुरेशा आणि व्यवस्थित ठेवल्या जातात

172 responses



SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S



SHRI SHIVAJI ARTS COMMERCE & SCIENCE COLLEGE MOTALA, DIST-  
BULDANA

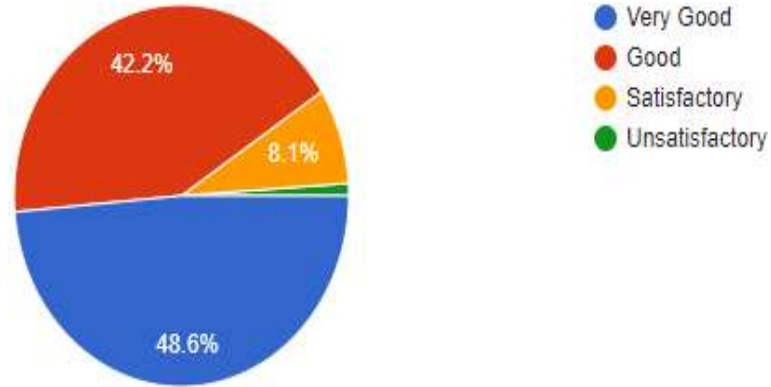
FEEDBACK ANALYSIS 2022-23



# Student Feedback Analysis 2022-23

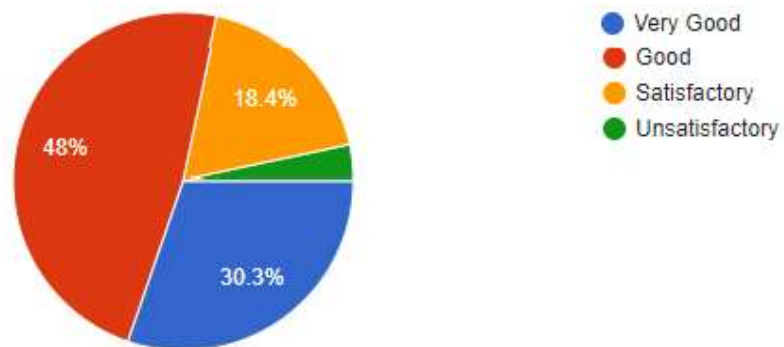
1) Learning value (in terms of skills, concepts, Knowledge, analytical, abilities. अध्ययन मूल्य (कौशल्य, संकल्पना, ज्ञान, विश्लेषणात्मक क्षमता इत्यादी मुद्द्यांचा संदर्भात).

479 responses



2) Applicability/ relevance to real life situations. वास्तविक जीवन परिस्थितीशी अनुरूप/समर्पक.

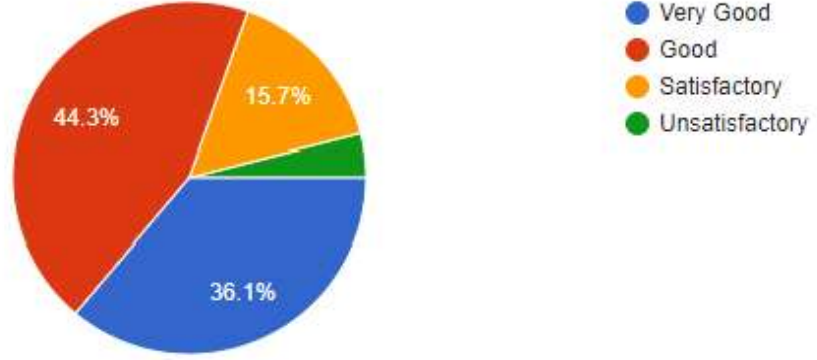
479 responses





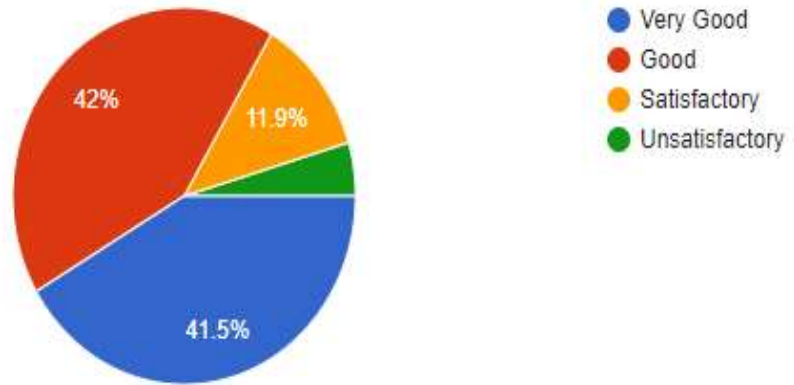
3) Depth of the course content including project work if any. अभ्यासक्रम आशयाची सखोलता प्रकल्प कार्यासह.

479 responses



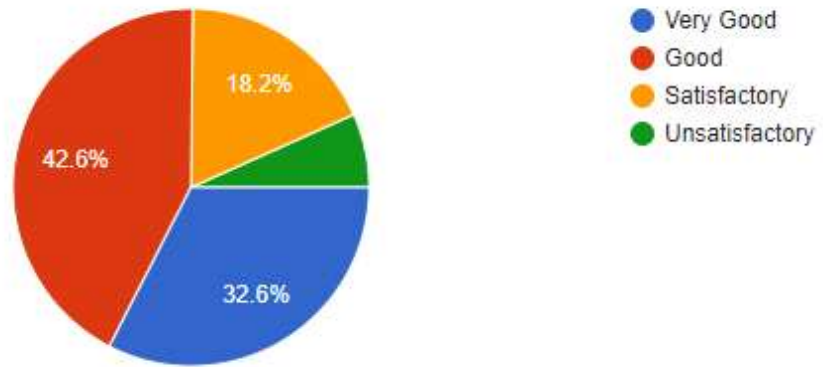
4) Useful for various competitive examinations. विविध स्पर्धात्मक परीक्षेसाठी उपयुक्त

479 responses



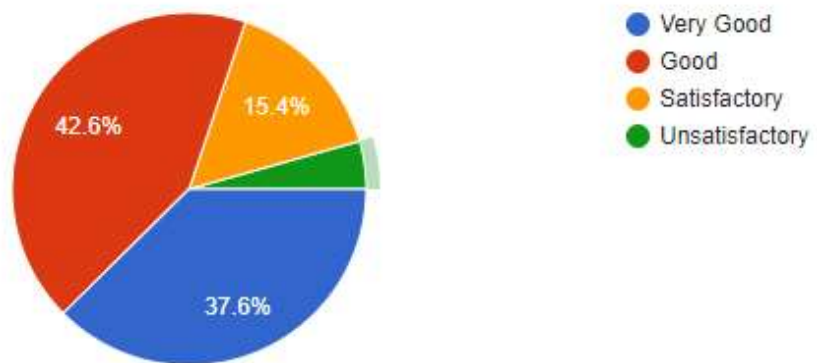
5) Employability/ helpful to getting employment. रोजगार पात्रता/ रोजगार प्राप्तीसाठी सहाय्यक.

479 responses



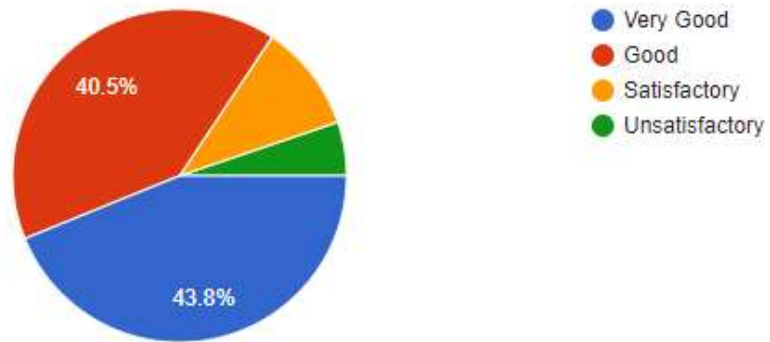
6) Relevance to the society, economy and environment. समाज, अर्थव्यवस्था आणि पर्यावरणीय गरजांशी समर्पक.

479 responses



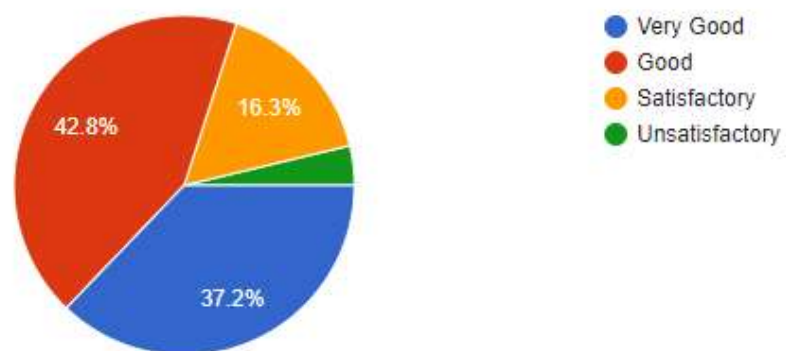
7) The course/ syllabus balance between theory and Practical. कोर्स/ अभ्यासक्रम Theory आणि Practical's दरम्यान संतुलन.

479 responses



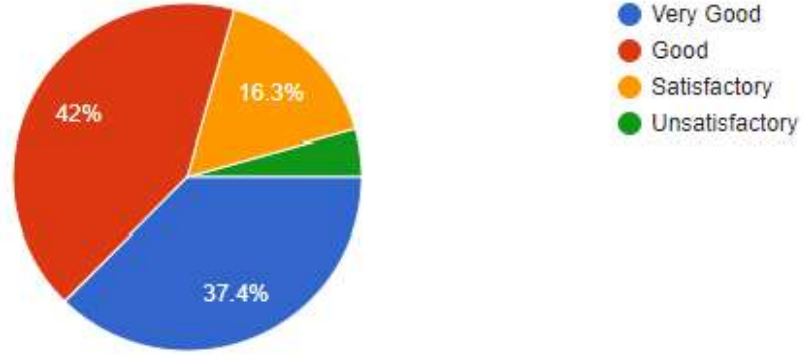
8) Weightage Given in Curriculum to Employability रोजगारक्षमतेसाठी अभ्यासक्रमात दिलेला भर

479 responses



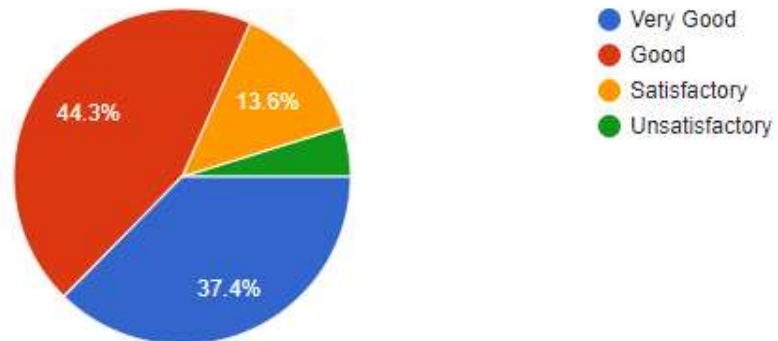
9) Inclusion/Incorporation of Latest Advancement in the Subject. विषयात नवीनतम प्रगतीचा समावेश/समावेश

479 responses



10) The internal evaluation system of Syllabus . अभ्यासक्रमाची अंतर्गत मूल्यमापन प्रणाली

479 responses

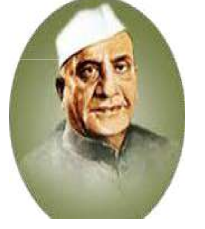


SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S



SHRI SHIVAJI ARTS COMMERCE & SCIENCE COLLEGE MOTALA, DIST-  
BULDANA

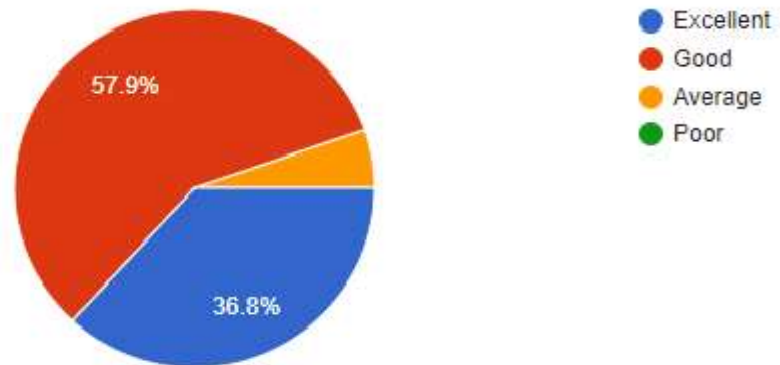
FEEDBACK ANALYSIS 2022-23



# Teacher Feedback Analysis 2022-23

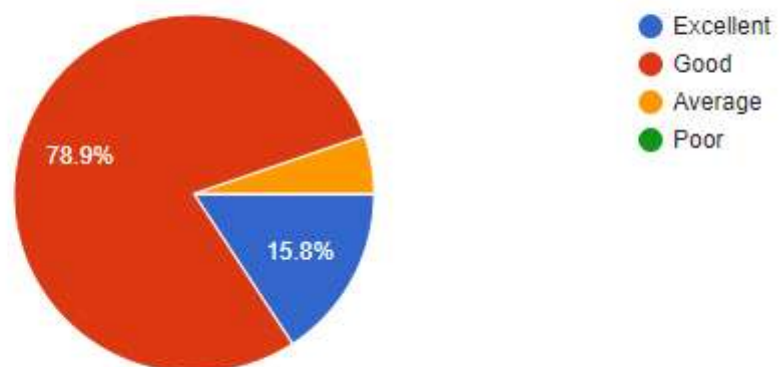
1) Syllabus is suitable to the course.

19 responses



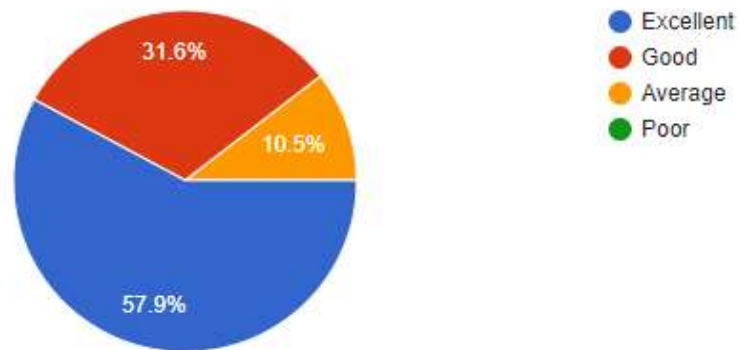
2) Student center learning resources are available at college

19 responses



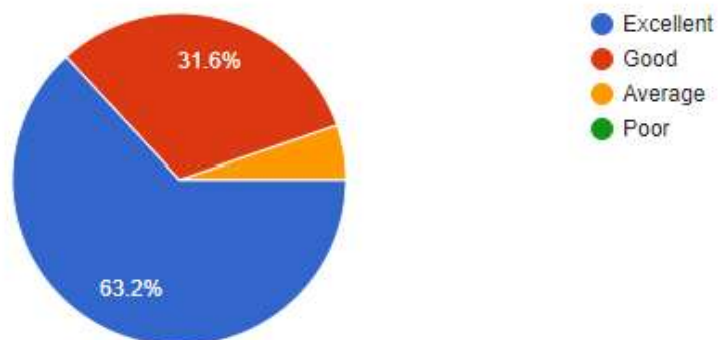
3) Aims Objectives and outcomes of the course and syllabus are well defined and clear to students and faculty members

19 responses



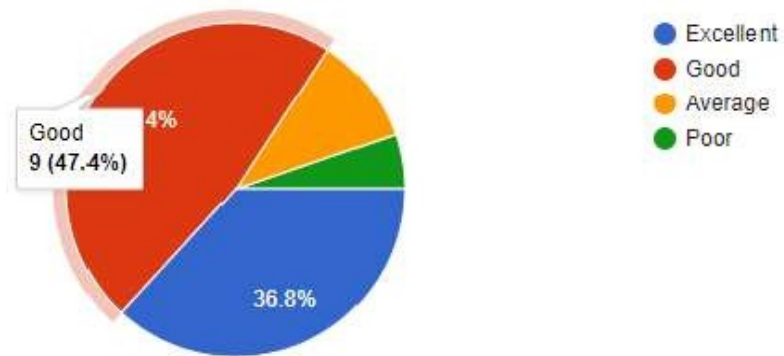
4) Institution academic calendar of events designed and implemented in adherence to University calendar of events

19 responses



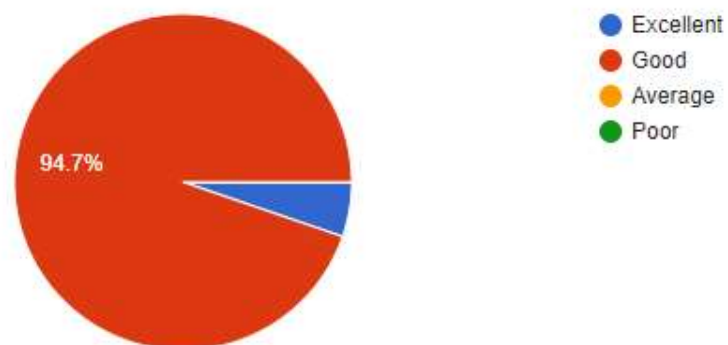
5) Teaching of the subjects has encouraged the faculty members to conduct research work

19 responses



6) The Committee BOS is taking care to ensure the relevance of the course offering and updating from time to time

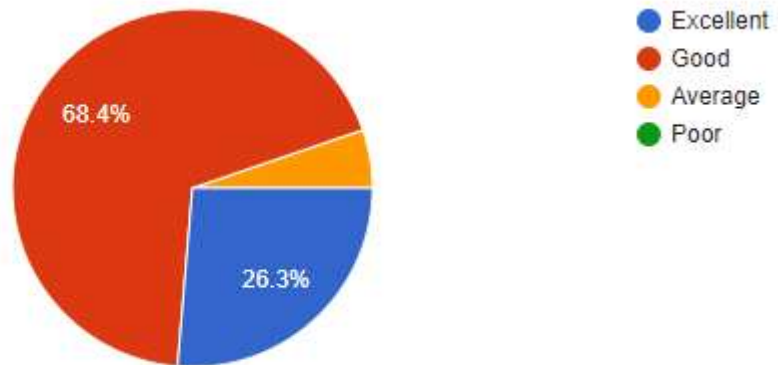
19 responses





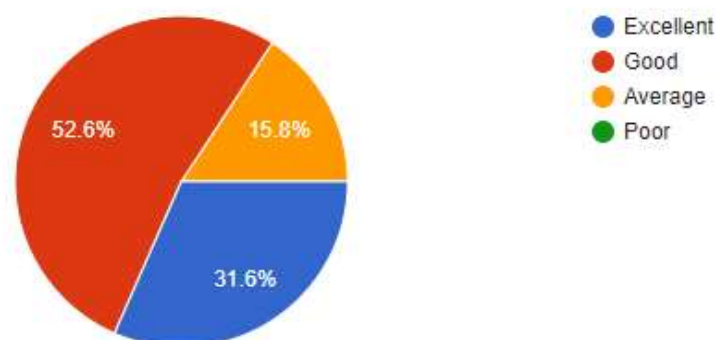
### 7) The syllabus add values to Social responsibility

19 responses



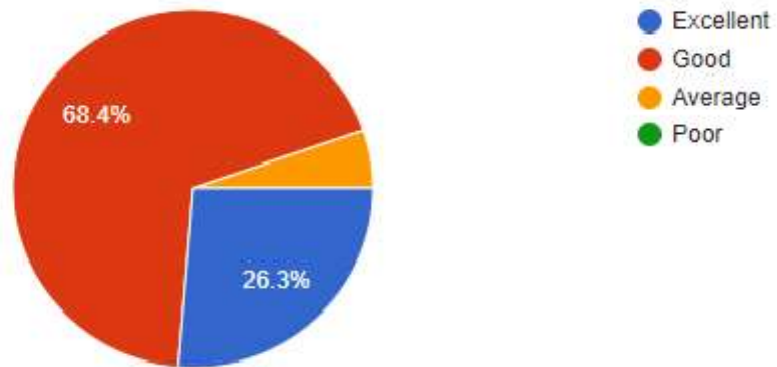
### 8) Usefulness of syllabus in the skill development & development of research attitude among the student

19 responses



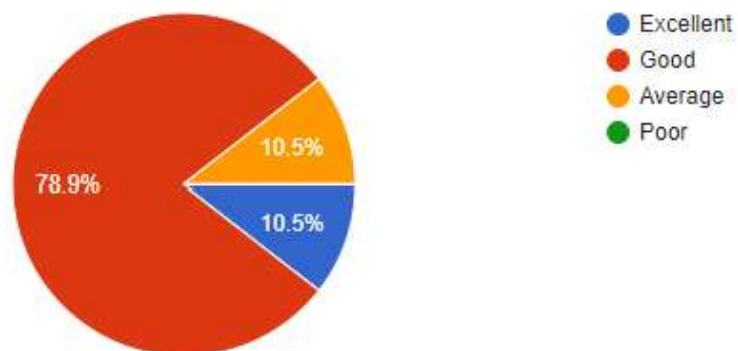
9) Does syllabus stimulates innovativeness in the students for life skills?

19 responses



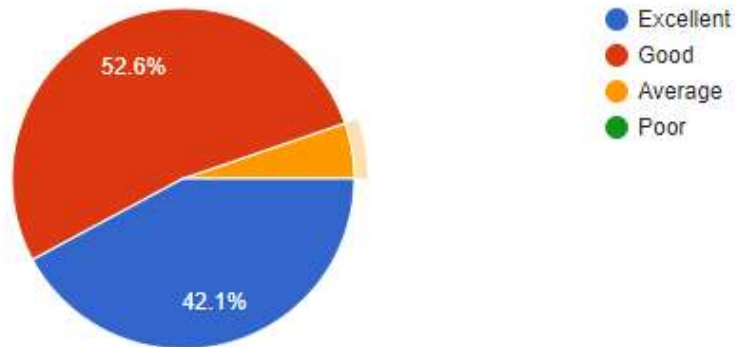
10) Syllabus is sufficient to bridge the gap between current global scenarios and academics.

19 responses



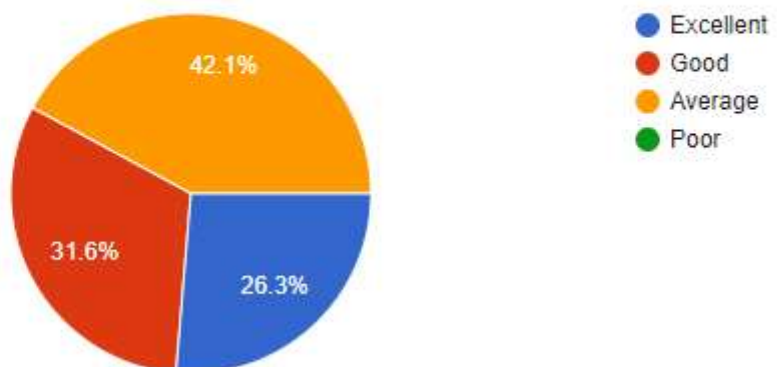
11) The IQAC is working well for promoting quality to achieve excellence in higher education

19 responses



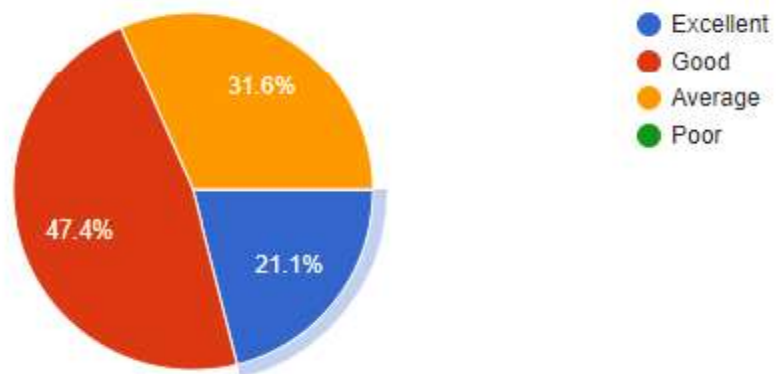
12) Sports infrastructure and Staff is effective and adequate

19 responses



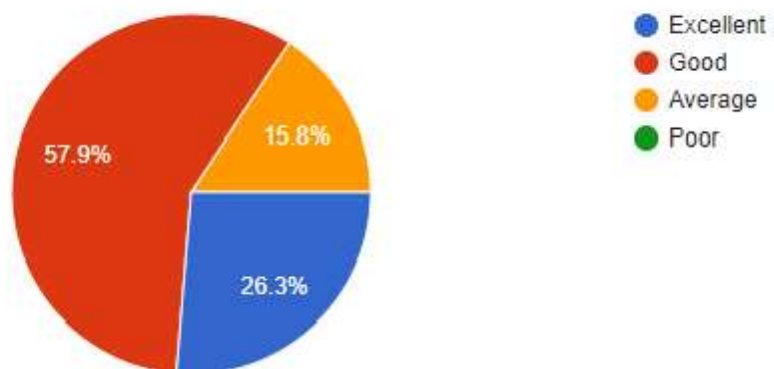
13) The library status, resource and reading room are effective and accessible

19 responses



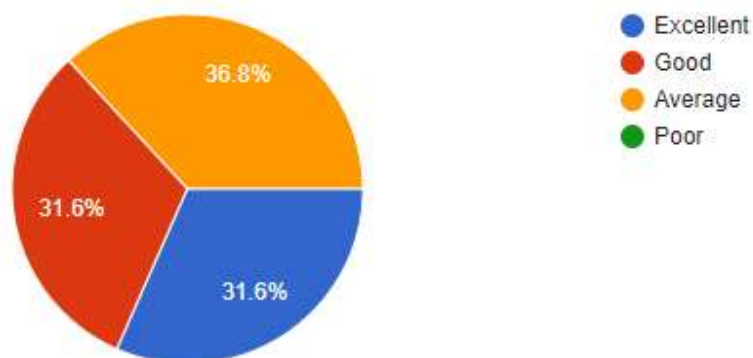
14) The classrooms, labs and furniture facilities are adequate and well maintained

19 responses



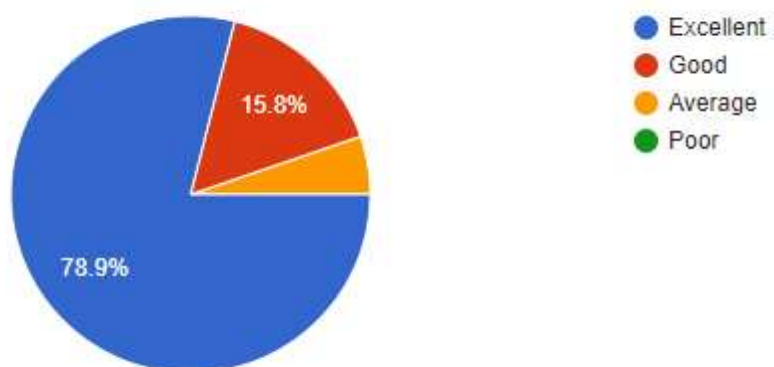
15) The UGC provides adequate and smooth support for projects and research facilities.

19 responses



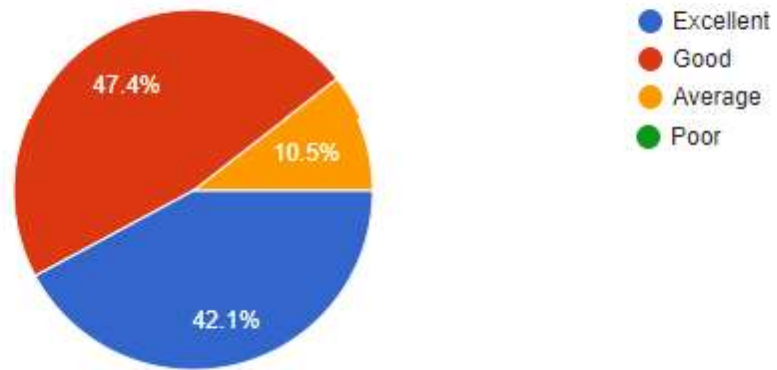
16) The administration is teacher friendly.

19 responses



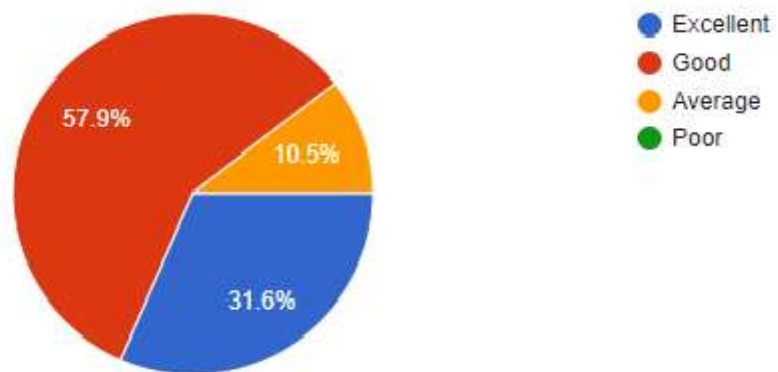
17) The environment in the institution is conducive to teaching and research.

19 responses



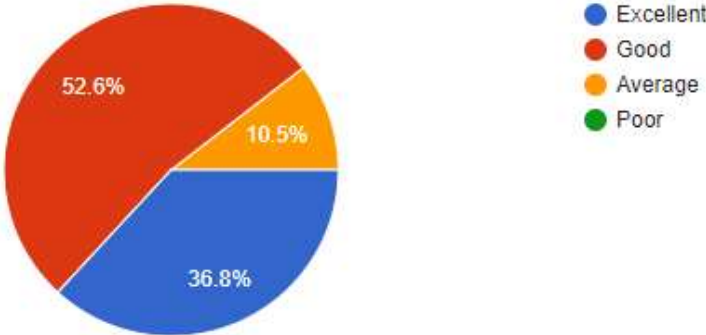
18) Infrastructural facilities are available in the institution.

19 responses



19) The administration is sincerely putting efforts and accessible for the development of the institution

19 responses



## **Review & Analysis of Learning Outcomes**

- The Programme Outcomes and Course Outcomes are pre-stated and communicated to students.
- The Academic Calendars and Academic Planning are prepared and followed for the session.
- Continuous internal and external evaluation is carried out by Departments.
- The Learning Outcomes are reviewed periodically and analyzed for further improvement.



# Academic Calendar 2022-23



Shri Shivaji Education Society, Amravati's  
Shri Shivaji Arts, Commerce & Science College  
Motala, Dist. Buldhana



## Academic Calendar 2022-2023

Days	Activity / Programme	Department / Committee
<b>Academic First Session</b> Friday 1st July 2022 to Wednesday 30th November 2022		
<b>July 2022</b>		
1 <sup>st</sup>	Admission Process	Admission Committee
11 <sup>th</sup>	World population day	Economics Department
2 <sup>nd</sup> Week	IQAC Meeting	IQAC Department
18 <sup>th</sup> to 23 <sup>rd</sup>	Induction Programme (For 1st Year Students)	IQAC Department
<b>Teaching Days Odd Semester</b> (Monday, 25 <sup>th</sup> July, 2022 to Saturday, 22nd October, 2022) (Wednesday, 9 <sup>th</sup> November, 2022 to Wednesday, 30th November, 2022)		
23 <sup>rd</sup>	Loakmanya Tilak Jayanti	Marathi Department
23 <sup>rd</sup>	Forest Conservation Day	Botany Department
26 <sup>th</sup>	Kargil Victory Day	N.C.C. Department
29 <sup>th</sup>	National Tiger Day	Zoology Department
<b>August 2022</b>		
1 <sup>st</sup>	Annabhau Sathe Jayanti	Marathi Department
6 <sup>th</sup>	Lokmanya Tilak Smriti Din	History Department
9 <sup>th</sup>	Hiroshima Day	N C C / N S S
	Kranti Din	Library
11 <sup>th</sup>	Dr. S. R. Ranganathan Jayanti	<b>Holiday</b>
	Moharram	<b>Holiday</b> , Botany/ N.S.S Dept.
12 <sup>th</sup>	Rakshabandhan	Physics Department
15 <sup>th</sup>	Dr. Vikram Sarabhai Jayanti	N C C / Sports
16 <sup>th</sup>	<b>Independence Day</b>	<b>Holiday</b>
16 <sup>th</sup>	Parshi New Year	Physical Edu. Department
29 <sup>th</sup>	National Sports Day	<b>Holiday</b>
31 <sup>th</sup>	Shri Ganesh Chaturthi	English/ Marathi Department
4 <sup>th</sup> Week	30 days Certificate course on Communication Skills	

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& Science College, Motala  
Dist. Buldhana**

4th Week	IQAC Meeting	IQAC Department
<b>September 2022</b>		
1st Week	Allotment of Assignment, Project, Seminar Topic, Group Discussion	All Departments
5th	Teacher's Day	All Departments
8th	International Literacy Day	English Department / NSS
9th	<b>Anant Chaturdashi</b>	<b>Holiday</b>
16th	Ozone Day	Zoology / Chemistry Department
3rd Week	Internal Assessment Unit Test	All Departments
20th	Dalitmitra Pandharinath Patil Jayanti	Cultural Committee
27th	Dr. S. R. Ranganathan Death Anniversary	Library
	World Tourism Day	History Department
<b>October 2022</b>		
1st to 7th	Wildlife Conservation week	Zoology Department
5th	<b>Dasara</b>	<b>Holiday</b>
2nd	Mahatma Gandhi & Lalbahadur Shashtri Jayanti / Dalitmitra Pandharinath Patil Punyatithi	Cultural Committee
1st Week	IQAC Meeting	IQAC Department
15th	Dr. A. P. J Abdul Kalam Jayanti Vachan Prearana Din	Library
16th	World Food Day	Economics Department
20th	National Integration Day	Physical Edu. Department
21st	Alfred Nobel Birth Anniversary	Chemistry Department
<b>First Term Vacation</b> (Monday, 24th October, 2022 to Tuesday, 8 <sup>th</sup> November, 2022)		
30th	Dr. Homi Bhabha Day	Physics Department
<b>November 2022</b>		
7th	Anti-Poverty Day	Economics Department
11th	National Education Day	Commerce Department
14th	Pandit Jawaharlal Nehru Jayanti	English Department
26th	Indian Constitution Day Oath Taking & Guest Lecture	Political Science Department
4th Week	IQAC Meeting	IQAC Department
4th Week	N C C Day	N C C Department
28th	Mahatma Fule Death Anniversary	History Department
30th	Dr. J. C. Bose Jayanti	N.S.S. Department
<b>Odd Semester End</b>		
<b>December 2022</b>		
<b>University's Odd Semesters Examinations</b> Thursday, 1st December, 2022 to Saturday, 21 <sup>st</sup> January, 2023		
1st	World AID's Day	Zoology / N.C.C. / N.S.S. Dept.

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 & Science College, Motala  
 Dist. Buldana

6th	Dr. Ambedkar Mahaparinirvan Day	Cultural Committee / N S S
20th	Sant Gadge Baba Smriti Din	N S S / Marathi Department
22nd	Shrinivas Ramanujan Jayanti	Mathematics Department
24th	Indian Consumer Day	Commerce Department
25 <sup>th</sup> to 27 <sup>th</sup>	Dr. Panjabrao Deshmukh Jayanti Utsav	Cultural Committee
25th	Alumni Day, Good Governance Day	Alumni Association
<b>January 2023</b>		
1 <sup>st</sup> / 2 <sup>nd</sup> Week Non-instructional days	Education / Excursion Tours / Field Studies/Industrial Visit	All Departments
3rd	Savitribai Fule Jayanti & Mahila Mukti Din	Marathi Department
11 <sup>th</sup> to 17 <sup>th</sup>	National Road Safety Week	NSS/ NCC
12th	Youth Day Jijau Maasaheb Jayanti	N S S / N C C
15th	Army Day	N C C Department
<b>ACADEMIC SECOND SESSION</b> (Monday, 23rd January, 2023 to Saturday, 27th May, 2023)		
<b>Non-instructional days(For N.S.S., Gathering etc.)</b> Monday, 23rd January, 2023 to Thursday, 31st January, 2023		
3rd Week	N S S Camp	N S S Department
25th	National Voting Day	Political Science Dept.
26th	<b>Republic Day</b>	NSS/NCC/Phy. Edu. Dept.
26th	Annual Prize Distribution	Prize Distribution Committee
30th	Hutatma Day	N S S
	Anti-Leprosy Day	N S S
4th Week	IQAC Meeting	IQAC Department
<b>February 2023</b>		
<b>Teaching Days Even Semester</b> (Wednesday, 1st February, 2023 to Saturday, 27 <sup>th</sup> May, 2023)		
1st Week	Certificate / Value Added / Add on Courses	All Departments
18th	<b>Mahashivratri</b>	<b>Holiday</b>
19th	Chhatrapati Shivaji Maharaj Jayanti	History Department
11th	Joytirao Raut Punyatithi Lecture Series	Marathi Department
12th	Subhash Chandra Bose Jayanti	N S S / N C C
23rd	Sant Gadge Baba Death Anniversary	N S S
4th Week	Workshop/ Seminar/ Competitions Organizations	All Departments
27th	Marathi Bhasha Divas	Marathi Department
28th	National Science Day	Science Departments
<b>March 2023</b>		
7th	<b>Holi ( Second Day)</b>	<b>Holiday</b>
2 <sup>nd</sup> Week	Allotment of Assignment, Project, Seminar Topic, Group Discussion	All Departments

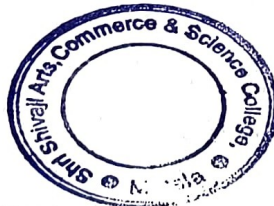
  
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 Dist. Buldana



  
**Principal**  
 Shri Shivaji Arts, Commerce  
 & Science College, Motala  
 Dist. Buldana

8th	International Women's Day	Women Nurture Cell
20th	World Sparrow Day	Zoology Department
22nd	World Water Day	Chemistry Department
	<b>Gudhi Padwa</b>	<b>Holiday</b>
24th	World Tuberculosis (T. B.) Day	N.S.S. Department
30th	<b>Shriram Navmi</b>	<b>Holiday</b>
4th Week	Internal Assessment Unit Test	All Departments
4th Week	IQAC Meeting	IQAC Department
<b>APRIL 2023</b>		
4th	<b>Mahavir Jayanti</b>	<b>Holiday</b>
7th	<b>Good Friday</b>	<b>Holiday</b>
10th	Dr. Panjabrao Deshmukh Punyatithi	Cultural Committee
11th	Mahatma Phule Jayanti	Cultural Committee
11th		
14th	<b>Dr. Babasaheb Ambedkar Jayanti</b>	Cultural Committee. <b>Holiday</b>
14th	Maharani Tarabai Jayanti	History Department
22nd	Earth Day	Zoology Department
	<b>Ramzan Id (Id-Ul-Fitar)</b>	<b>Holiday</b>
23rd	World Book Day	Library
4th Week	IQAC Meeting	IQAC Department
<b>May 2023</b>		
1st	Maharashtra Day & Labour Day	Office
5th	<b>Buddha Pournima</b>	<b>Holiday</b>
8th	World Red Cross Day	NSS
22nd	International Biodiversity Day	Zoology / Botany Department
<b>University's Even Semesters Examinations</b> Monday, 29 <sup>th</sup> May, 2023 to Saturday, 1st July, 2023		
<b>Second Term Vacation</b> Monday, 29 <sup>th</sup> May, 2023 to Saturday, 1st July, 2023		
<b>Monday, 3rd July, 2023-2024</b>	Commencement of Next Academic Session 2023-2024	

*amjekar*  
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 Dist. Buldhana



*Principals*  
**Principal**  
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 & Science College, Motala  
 Dist. Buldhana



Shri Shivaji Education Society, Amravati's  
Shri Shivaji Arts, Commerce & Science College, Motala, Dist.  
Buldhana.M.S.  
Academic Year 2022-23



Academic Year : 2022-23

## Annual Report on Examination

Students who appeared for and passed the university examinations in the year 2022-23. The college follows standard procedure prescribed by the affiliating University to conduct the various examinations. Students enroll for various programs and appear for the examinations at end of each semester.

This year **141 UG** and **51 PG** students appeared for the university examinations for the summer 2023 from the college. Of these **45 UG** and **20 PG** student were declared to have cleared the exam successfully by the University.

The following table summarizes the above data and stresses that the students of this college have good performance in the University examination for the summer 2023.

  
IQAC CO-ORDINATOR  
Shri Shivaji Arts, Commerce  
and Science College, Motala



  
Principal  
Shri Shivaji Arts, Commerce  
& Science College,  
Motala, Dist-Buldhana

# Undergraduate and Postgraduate

## Pass Percentage of Students 2022-23 for Summer 2023 Examination

Program Code	Program Name	Number of Students appeared in the final semester/year examination	Number of Students passed in the final semester/year examination	Pass Percentage
UG- BA	B.A. III (Sem VI)	32	2	6.25
UG- B.Com.	B.Com. III (Sem VI)	34	0	0
UG-B.Sc.	B.Sc. III (Sem VI)	75	43	57.33
PG-M.Com.	M.Com. II (Sem IV)	51	20	39.22



Shri Shivaji Education Society,  
Amravati's

Shri Shivaji Arts, Commerce & Science College, Motala, Dist.  
Buldhana.M.S.

Academic Year 2022-23  
Department of Economics



Shri Shivaji Education Society, Amravati's

Shri Shivaji Arts, Commerce & Science College, Motala, Dist. Buldhana.M.S.

Academic Year 2022-23

Department of Economics



**B. A. Part I Advance  
Learner**

<b>Sr.No.</b>	<b>Name of students</b>	<b>Marks out of 100</b>
1	Ku. Arati Damodhar Shiral	75
2	Ku. Sarla Raghunath Lad	75
3	Kapil Ashok Gawai	79
4	Ku. Gayatri Shashikant Kakar	76
5	Sarika Saranghadhar Datey	83

**Slow Learner**

<b>Sr.No.</b>	<b>Name of students</b>	<b>Marks out of 100</b>
1	Nikhil Udebhan sarkate	43
2	Siddhartha Gautam Ingle	42
3	Vishal Manohar Gond	36
4	Swaraj Pralhad Bavaskar	35
5	Sharda Pralhad Junare	42
6	Priyanka Zhamsing Sonone	39
7	Suraj Santosh Sonale	44

HOD Economics

IQAC

Principal

## SHRI SHIVAJI ARTS,COMMERCE AND SCIENCE COLLEGE.MOTALA

DEPARTMENT:- COMMERCE &amp; MANAGEMENT

B.COM:-I Advance Lerner

SESSION:- 2022-2023

<b>Sr.N o</b>	<b>Advance Lerner</b>	<b>Per %</b>
01	Ku. Dnyaneshwari Bhagwat Ghonakar	71.00
02	Ku. Gayatri Ramesh Shiral	71.67
03	Ku.Nikita Rajendra Junare	80.00
04	Rohan Kailash Wavhare	72.17
05	Neha Narayan Bhagwat	69.83
06	Pratiksha Suresh Rathod	67.83
07	Om Shantaram Padolkar	75.00
08	Komal Rameshwar Jadhav	75.50
09	Sakshi Vasant Mapari	71.17
10	Rucha Ramkrishna Unhale	67.17
11	Sarika Sheshrao Ingle	70.50
12	Vaishnavi Bhagwat Khole	77.50
13	Bhakti Sanjay Wavhare	75.00
14	Aboli Bhimrao Ingle	71.67
15	Priyanka Tejrao Sarode	68.33
16	Mangesh Sanjay Diwane	75.00
17	Ankit Dadarao Tayade	71.50
18	Durga Dnyaneshwar Kute	68.67
19	Payal Shyam Wagh	69.17
20	Neha Suresh Sarode	83.50
21	Pallavi Harsing Solanki	77.67
22	Shital Millind Wankhade	80.00
23	Prachi Pravin Ahire	67.67
24	Vaishnavi Shrikrushna Mapari	76.67
25	Gayatri Sunil Junare	68.83
26	Roshan Balu Ingle	70.62
27	Roshan Devidas Chavan	66.33
28	Achal Mahesh Gade	66.83
29	Pradip Sopan Tayade	68.33
30	Anant Anil Suralkar	69.17
31	Arbaj Khan Ahamad Khan	82.67
32	Pavan Santosh Junare	67.67
33	Sakshio Vilas Ghule	78.67
34	Padmina Anil Gange	81.33
35	Vaishnavi Vijay Diwane	80.67
36	Ritesh Sanjay Chavhan	67.33
37	Pratik Narayan Lawange	70.50
38	Sarala Rajendra Gawhale	76.17



**SHRI SHIVAJI ARTS,COMMERCE AND SCIENCE  
COLLEGE.MOTALADEPARTMENT:- COMMERCE &  
MANAGEMENT**

**B.COM:-I**

**Bridge Course**

**2022-2023**

<b>Sr.No.</b>	<b>Students Name</b>	<b>Per %</b>	<b>Faculty</b>	<b>Mob.No</b>
01	Nikita Rajendra Junare	80	Science	
02	Roshan Kailash Vyawahare	72.27	Mcvc	
03	Neha Narayan Bhagwat	69.83	Arts	
04	Om Shantaram Padolkar	75	Mcvc	
05	Komal Rameshwar Jadhao	75.50	Arts	
06	Sarika Sahebrao Ingale	70.50	Science	
07	Vaishnavi Bhagwat Kohle	77.50	Arts	
08	Aboli Bhimrao Ingale	71.67	Arts	
09	Priyanka Tejrao Sarode	68.33	Arts	
10	Mangesh Sanjay Diwane	75	Mcvc	
11	Aniket Dadarao Tayade	71.50	Science	
12	Ram Manishrao Deshmukh	64.83	Mcvc	
13	Chetan Raju Gawali	63.83	Arts	
14	Neha Suresh Sarode	83.50	Arts	
15	Gayatri Sunil Junare	67.20	Mcvc	
16	Prashant Pramod Ghonkte	53.54	Mcvc	
17	Mahesh Devidas Shinde	54.83	Arts	
18	Kalpesh Bhagwant Sonune	51.83	Arts	
19	Roshan Devidas Chavhan	66.33	Science	
20	Aachal Mahesh Gade	57.40	Mcvc	
21	Roshan Ajabrao Dode	49.67	Arts	
22	Arbaz Khan Ahmed Khan	82.67	Arts	
23	Vaibhav Ashok Nimbalkar	58.33	Arts	
24	Prathamesh Rajesh Patil	49.00	Mcvc	
25	Pawan Santosh Junare	67.67	Mcvc	
26	Sakshi Vilas Gule	78.67	Arts	
27	Padmina Anil Gange	81.33	Arts	
28	Vaishnavi Vijay Diwane	80.67	Arts	
29	Ritesh Sanjay Chavhan	66.20	Mcvc	
30	Nikita Dilip Medhe	60	Arts	
31	Poonam Rajendra Ingale	59.33	Arts	
32	Pratik Narayan Lawange	70.50	Arts	
33	Rushikesh Indar Chavhan	63.67	Arts	
34	Sarala Rajendra Gavhale	76.17	Arts	
35	Ajay Sarichandra Rathod	49.50	Arts	

SHRI SHIVAJI ARTS,COMMERCE AND SCIENCE COLLEGE.MOTALA

DEPARTMENT:- COMMERCE & MANAGEMENT

B.COM:-I Advance Lerner

SESSION:- 2023-2024

<b>Sr.N o</b>	<b>Advance Lerner</b>	<b>Per %</b>
01	Sakshi Madan Waghe	66.67
02	Manisha Pratapsing Rajput	65.33
03	Nikita Kailsh Ghate	68.67
04	Medabai Sopan Bobatkar	71.50
05	Poonam Bhagwat Ghanokar	79.17
06	Shital Govinda Junare	70.33
07	Pradnya Vijay Ingle	79.17
08	Prachi Suresh Chatare	70.67
09	Meera Shravan Rahane	80.17
10	Diksha Kaduba Sonone	74.50
11	Vaishnavi Vishwasrao jaware	70.67
12	Gaytri Narayan Bhivate	75.00
13	Jayashree Rajendra bhutada	68.50
14	Monali Eknath Parvate	76.83
15	Pallavi Avinash Sapkal	67.17
16	Ankita Subhas Harmkar	85.00
17	Samiksha Santosh Pradhan	77.00
18	Pallavi Santosh Wagh	73.00
19	Sradhha Ramdas Wankhade	73.33
20	Komal Ravindra Sarkate	68.20
21	Payal Bhimrao Tayade	67.33
22	Komal Sanjay Ghadekar	76.00
23	Harsh Subhash Jadhav	66.00
24	Dipali Murlidhar Mahajan	68.50
25	Shital Shivling Khande	78.33
26	Shubhangi Ashok Khande	71.33
27	Dipak Sopan Pokade	66.33
28	Gaytri Kailshsing Jadhav	66.50
29	Nikita Santosh Ingle	76.33
30	Aryan Khan Aman Khan	71.50
31	Sushil Gajanan Medhe	79.67
32	Vaishnavi Dnyaneshwar Khandare	75.80

**SHRI SHIVAJI ARTS,COMMERCE AND SCIENCE  
COLLEGE.MOTALADEPARTMENT:- COMMERCE &  
MANAGEMENT**

**B.COM: -**

**Bridge course**

**2022-2023**

<b>Sr.No.</b>	<b>Students Name</b>	<b>Per %</b>	<b>Faculty</b>	<b>Mob.No</b>
01	Rehansha Rafecksha Chistiya	66.33	Science	
02	Pavan Ramesh Tayade	48.67	Arts	
03	Pravin Prakash Rathod	64.00	Arts	
04	Ankita Subhash Haramkar	85.00	MCVC	
05	Sayali Sanjay Raut	60.00	Arts	
06	Komal Ravindra Sarkate	68.20	MCVC	
07	Rajeshwar Sanjay Nikam	49.67	Arts	
08	Devanand Vijay Solanke	59.33	Arts	
09	Pavan Premsing Chavan	58.50	Science	
10	Archana Santosh Johari	54.33	MCVC	
11	Aditya Shivling Khande	76.00	Science	
12	Pradip Manikrao Rathod	58.33	Arts	
13	Dipak Sopan Pokhade	66.33	Arts	
14	Gaytri Kailasing Jadhav	66.50	Arts	
15	Aadarsh Devraj Dhurandhar	58.00	Arts	
16	Pavan Mulchand Pawar	51.50	Arts	
17	Shrwan Manik Pawar	38.63	Arts	
18	Rahul Vitthal Shankhpal	60.00	Arts	
19	Sushil Gajanan Medhe	79.37	MCVC	
20	Vaishnavi Dnyaneshwar Khandare	75.80	MCVC	

**Number of Add on /Certificate programs offered during the year 2022-23**

<b>Name of Add on /Certificate programs offered</b>	<b>Course Code (if any)</b>	<b>Year of offering</b>	<b>No. of times offered during the year</b>	<b>Duration of course</b>	<b>Number of students enrolled in the year</b>	<b>Number of Students completing the course in the year</b>
Certificate course in Organic Farming ( NSQF)	Bot	2022-2023	Once	Six Months	16	16
Certificate course in Soil Analysis	Chem	2022-2023	Once	30 Hrs	60	60
Certificate course in Communication Skill in English	Eng	2022-2023	Once	30 Hrs	57	57
Certificate Course in Sericulture	Zoo	2022-2023	Once	30 Hrs	22	22
				<b>Total</b>	<b>155</b>	<b>155</b>

**Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**

For the creation and transfer of knowledge institute takes initiatives through different activities such as ecofriendly rakhi competition, ecofriendly color preparation, workshop on women empowerment and Intellectual property rights. All Faculty members also participated in different national as well as international conferences to present their research work. They also contributed by publishing research papers in reputed journals book chapters in well-known publications. Activities such as ecofriendly rakhi competition and natural color making workshop makes student aware to save the environment, creation of chemical and plastic free surrounding as well as celebration of festivals can be possible in a different innovative manner without losing its importance. Institute has also organized a workshop on competitive exam guidance by which students who are going to make their carrier specially in civil services they are motivated through

this workshop. By organizing workshop women empowerment students get to know about their rights. Workshop on IPR gives an idea about intellectual property, patents, copyrights, trademarks etc. Overall ecosystem of institute is always plays an important role for the holistic development for the students.

### **Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year**

<b>Year</b>	<b>Name of the workshop/ seminar</b>	<b>Number of Participants</b>	<b>Date From – To</b>	<b>Link to the Activity report on the website</b>
2022	CBCS-NEP executors training program	50	17-09-2022	<a href="https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf">https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf</a>
2022	Competitive Exam Guidance	414	24-11-2022	<a href="https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf">https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf</a>
2023	Ecofriendly color preparation workshop	30	06-03-2023	<a href="https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf">https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf</a>
2023	Workshop on firesafety	38	14-03-2023	<a href="https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf">https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf</a>
2023	Workshop on water analysis	37	24-03-2023	<a href="https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf">https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf</a>
2023	Competitive Exam Guidance	414	31-03-2023	<a href="https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf">https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf</a>
2023	Women Empowerment and IPR	167	03-04-2023	<a href="https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf">https://sscmotala.ac.in/pdf/naac_upload2223/3.2.2.pdf</a>

### Number of Ph.Ds.' registered teacher during the year 2022-23

Name of full time teacher with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit.	Qualification (Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. ) and Year of obtaining	Whether recognised as research Guide for Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit.	Year of Recognition as Research Guide
Dr. G. N. Jadhao	Ph. D	Yes	2012
Dr. S.W. Mamalkar	Ph. D	Yes	2021

### Number of research papers in the Journals notified on UGC website during the year

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Estimation of phytochemical constituents of merremia delecta(JACQ.) Hallier F.	P.A. Theng	Botany	IJAAB	2022	2583-7613	<a href="https://sscmotala.ac.in/pdf/naac_upload2223/332.pdf">https://sscmotala.ac.in/pdf/naac_upload2223/332.pdf</a>
A STUDY ON MULTIFUNCTIONAL APPLICABILITY OF CARBON NANOTUBE, GRAPHENE AND THEIR COMPOSITE	P.A. Bramhankar	Physics	IJBAT	2023	2347-517X	<a href="https://sscmotala.ac.in/pdf/naac_upload2223/332.pdf">https://sscmotala.ac.in/pdf/naac_upload2223/332.pdf</a>

**Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year 2022-23**

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher
1	Arun Gaware	COMPARATIVE STUDY OF SDS POLYACRYLAMIDE GEL ELECTROPHORESIS OF PROTEIN EXTRACTED FROM CESTODES MONIEZIA SP., STILESIA SP. AND AVITELLINA SP. A PARASITE OF THE DOMESTIC GOAT CAPRA HIRCUS (L.) IN JALNA DISTRICT (M.S.), ABSTRACT INDIA.	Challenges and Switching Roles In Parasitology	THE INDIAN SCIENCE CONGRESS ASSOCIATION	National	2023	9789356512016	Narendra Publishing House, Delhi, INDIA
2	Supriya S. Behere	An introduction to protein-based			International	2022	978-0-323-90545-9	Woodhead Publishing Series in Biomaterials

		biopolymers						
3	Supriya S. Behere	Fabrication, properties, and biomedical applications of soy protein-based materials			International	2022	978-0-323-90545-9	Woodhead Publishing Series in Biomaterials
4	Supriya S. Behere	General introduction about electrochemistry and supercapacitors			International	2022	978-0-323-90530-5	ELSEVIER
5	Supriya S. Behere	Supercapacitors—new developments			International	2022	978-0-323-90530-5	ELSEVIER
6	Supriya S. Behere	Graphene-based nanomaterials for antibiotics-independent antibacterial applications			International	2022	978-0-323-91156-6	ELSEVIER
7	Supriya S. Behere	Nanostructured peptides as potential antimicrobial agent			International	2022	978-0-323-91156-6	ELSEVIER
8	Dr. Gajanan Jadhao	Farmers Poetry: Exploitation and Awareness			National	2023	978-93-95710-15-2	Atharv Publications



**Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, during the year. 2022-23**

- Tree Plantation at Sindkhed (Praja) and Jaipur Village

Students of Shri Shivaji Arts, Commerce & Science College Motala participated in tree plantation for Miyawaki Forest Maharashtra in collaboration with the Paani foundation on date 16 Nov 2022 at Sindkhed (Praja) and on 23 Nov 2022 at Jaipur village. All the teachers and students actively participated in planting around 9000 trees in both villages. This was the major extension activity of the year 2022-2023.

- Awareness Program of Lampi Disease in Animals

The awareness of Lampi disease in animals has been created by students of Shri Shivaji Arts Commerce & Science College Motala. This activity was carried out by Department of zoology. The students reached to the farms located near village Kharbadi and Spread awareness about the causes, prevention measures and the information about its cure of the disease Lampi among the villagers.

- One Day Farmer Training Programme on “Organic Farming”

An organic farming training workshop for farmers was organized on Friday 6th January 2023 at Shri Shivaji Arts, Commerce and Science, College Motala. This workshop was organized by Department of Botany in collaboration with Paani Foundation. A large number of farmers and students attended the training. In program speaker has explained the nutrition and application of nutrients to plants. Also critical understanding on various aspects of agronomy was developed among the trainee.

- “Ecofriendly Color Preparation Workshop”

The workshop was organized by Department of Botany, Shri Shivaji Arts, Commerce & Science College, Motala Dist.-Buldana (M.S.) on dated 16 March 2022. Artificial colors are widely used in the festival of Dhulivandan. This color is harmful to our health and in turn to nature. Therefore, the objective of the workshop was to create awareness among the students and

make them business oriented by training them in the production of eco- friendly colors. In the workshop, dry and wet colors were prepared to complement the natural environment using leaves and flowers of plants such as Palas, Beetroot, Turmeric Spinach, Corn Flour. flower etc.

- “Tree Plantation Drive at Adopted Village Didola BK.”

On Tuesday 20/09/2022 at adopted Village Didola Bk. on behalf of Department of Botany, Shri Shivaji Arts, Commerce and Science College Motala, a tree plantation program was organized in Collaboration with Environment Conservation Committee and National Service Scheme at "Saraswati Vidyalaya and A Class" of Didola Bk. 300 saplings were planted with the auspicious hands of the dignitaries. The plats taken for plantation programme are grown in college nursery by students under donation of labour.

**Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year 2022-23**

<b>Name of the activity</b>	<b>Name of the Award/ recognition</b>	<b>Name of the Awarding government/ government recognised bodies</b>	<b>Year of award</b>
Tree Plantation	Appreciation Letter	Grampanchayat Office Didola Bk.	23-09-2022
Tree Plantation	Appreciation Letter	Paani Foundation	23-11-2022

**Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year 2022-23**

<b>Name of the activity</b>	<b>Organising unit/ agency/ collaborating agency</b>	<b>Name of the scheme</b>	<b>Year of the activity</b>	<b>Number of students participated in such activities</b>
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<b>Awareness on prevention of A3:E18 Diseases (HIV-AIDS)</b>	<b>RRC, Rural Hospital Motala NSS Unit,</b>	<b>AIDS Janjagruti</b>	<b>12-08-2022</b>	<b>60</b>
<b>Har Ghar Tiranga Rali</b>	<b>NSS Unit,</b>	<b>Har Ghar Tiranga</b>	<b>13-07-2022</b>	<b>53</b>
<b>Tree Plantation and Visit to Leprosy Dham Chawada</b>	<b>NSS Unit,</b>	<b>Tree Plantation</b>	<b>15-08-2022</b>	<b>47</b>
<b>Tree Plantation at Didola Bk.</b>	<b>NSS Unit,</b>	<b>Tree Plantation</b>	<b>20-09-2022</b>	<b>91</b>
<b>Awareness distribution of Nutritious food</b>	<b>NSS Unit,</b>	<b>National Nutrition Week</b>	<b>30-09-2022</b>	<b>69</b>
<b>Cleanliness drive</b>	<b>NSS Unit,</b>	<b>Swachh Bharat Programme</b>	<b>10-10-2022</b>	<b>34</b>
<b>Blood Donation</b>	<b>RRC, District General Hospital Bulshana, NSS Unit,</b>	<b>Blood Donation Camp</b>	<b>18-10-2022</b>	<b>13</b>
<b>Tree Plantation at Sindkhed Lapali and Jaipur</b>	<b>NSS Unit,</b>	<b>Tree Plantation</b>	<b>17-11-2022</b>	<b>79</b>
<b>Voters Awareness Rally</b>	<b>NSS Unit,</b>	<b>Voters Awareness Program</b>	<b>25-01-2023</b>	<b>40</b>
<b>Millet Marathon</b>	<b>NSS Unit,</b>	<b>Importance of cereals in diet</b>	<b>31-03-2023</b>	<b>80</b>
<b>Vaccination</b>	<b>Primary Health Centre Borakhedi, NSS Unit,</b>	<b>Covid-19 Vaccination Camp</b>	<b>11-01-2023</b>	<b>22</b>
<b>Blood Donation</b>	<b>RRC, District General Hospital Bulshana, NCC Unit,</b>	<b>Blood Donation Camp</b>	<b>18-10-2022</b>	<b>11</b>
<b>Tree Plantation at Sindkhed Lapali and Jaipur</b>	<b>NCC Unit,</b>	<b>Tree Plantation</b>	<b>17-11-2022</b>	<b>79</b>

**Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year 2022-23**

<b>Organisation with which MoU is signed</b>	<b>Name of the institution/ industry/ corporate house</b>	<b>Year of signing MoU</b>	<b>Duration</b>	<b>List the actual activities under each MOU year wise</b>	<b>Number of students/teachers participated under MoUs</b>
<b>PAANI Foundation Motala</b>	<b>Department Of Botany,</b>	<b>2022</b>	<b>valid until it is expressly terminated by either party on mutually agreed terms</b>	<b>One day farmer training program on organic faming</b>	<b>52</b>
<b>Social Forestry Motala, Division Buldhana</b>	<b>Department Of Botany,</b>	<b>2021</b>	<b>5 Year</b>	<b>World Forest Conservation Day</b>	<b>28</b>
<b>Vidarbha Mahavidyalaya Buldhana</b>	<b>Department Of Economics</b>	<b>2019</b>	<b>5 Year</b>	<b>Study Tour</b>	<b>47</b>

**The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc**

The college is spread over the 3.98 acres. It is well connected to around thirty villages in Motala taluka.

**Following facilities are available in our institution:**

**Class Rooms:** We have 12 classrooms, each equipped with comfortable desks, benches and black- boards, there are 05 well equipped laboratories for practical.

**ICT as a Learning Resource:** The college has provided 52 computers for students and faculties. Every department has its own computing facilities to meet the curriculum needs. All departments are provided with a maximum bandwidth of 100 Mbps. Of this, we have 100 Mbps from BSNL provider. We intend to provide free unlimited Wi-Fi internet facility on our campus shortly. We have 02 ICT enabled classrooms, and these have LCD projectors, screens, internet connection and audio system. We have an electric generator for power backup.

**Learning Spaces:** All departments of the Science are well-equipped. The College has well equipped laboratories and classrooms. The administrative block has sufficient number of spacious rooms. Classrooms (Total 12) of different capacities meet requirements of UG and PG students. Each classroom boasts of subtle and comfortable furniture, good ventilation and adequate light.

### **Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**

<b>Room number or Name of classrooms/Seminar Hall with LCD / wifi /LAN facilities with room numbers</b>	<b>Type of ICT facility</b>
<b>Class Room No. 1</b>	<b>LCD Projector, Audio System, LAN</b>
<b>Class Room No. 2</b>	<b>LCD Projector, Audio System, LAN</b>
<b>Class Room No. 3</b>	<b>LCD Projector, Audio System, LAN</b>

### **Library is automated using Integrated Library Management System (ILMS)**

The central library of the college came into existence with the establishment of the college in the year 1990. Numerous students benefitted themselves by issuing books for curricular studies and competitive examinations. The reading hall of the library stands apart. It has good lighting and seating arrangement. Reading hall has a computer with internet / Wi-Fi access for the students. It is well protected with CCTV security. Library at present provides services partially automated from the year 2015 with Soul 2.0 Library Management software. It is upgraded with OPAC since 2015 with SOUL automation Software with improvised user-friendly OPAC interface.

## **Implementation of e-governance in areas of operation**

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

<b>Area of E-governance</b>	<b>Name of Facility</b>	<b>Name of Vendor</b>	<b>Year of Implementation</b>
Administration	ERP software	Dotcom infotech pvt. ltd	2015-2016

Finance & accounts	ERP software	Dotcom infotech pvt. ltd	2015-2016
Student admission & support	ERP software	Dotcom infotech pvt. ltd	2015-2016
Examination	Online Exam application	SGBAU Exam Section	2017-2018



Shri Shivaji Education Society Amaravati's



**Shri Shivaji Arts,**

**Commerce and Science College, Motala (MS)**

# Energy Audit Report

Submitted by



**EcoShastra**  
Consultancy & Services



***Shri Shivaji Education Society, Amravati's***

**Shri Shivaji Arts, Science and Commerce College, Motala.**

Shri Shivaji Education Society, Amravati, was founded in 1932, by Late DR. Punjabrao Deshmukh, the first agriculture minister of independent India, and a member of the "Constitution Draft Committee" for the Government of India. It is one of the premier institutions of higher education in the Vidarbha region. It is worth mentioning that, under its canopy, there are in all 277 institutions including Medical, Agriculture, Engineering, Science, Law, Education as well as Higher Secondary Schools, High Schools, Middle Schools, and Primary Schools. The society has bagged many prestigious awards from the state government in recognition of its dedication to the field of education.

Shri Shivaji Arts, Science and Commerce College, Motala was established in 1990 under the guidance of a great visionary, academician and first agriculture central minister of independent India Dr. Panjabrao alias Bhausahab Deshmukh. In the beginning it was providing only for male education in the faculty of Arts and Commerce. With the view to the importance of science and technology, the faculty of science was introduced in 2009 and in the same year the name of Arts and Commerce college was changed as Shri Shivaji Arts, Commerce and Science College Motala. Since the inception of science stream we started continuously taking serious efforts to provide education through science faculty to the poor and deprived students. It has very competent teaching staff in all departments as well as well-equipped science laboratories, computer department and rich and Central library, very beautiful neat and clean campus, women hostel, well developed oxygen park, botanical garden and 200m track for morning Walkers. The NCC and NSS unit which imparting the sense of social responsibility among all the students and also having Y.C.M.O.U. center. It always attempts to provide quality education to the students who are coming from all walks of life. Today it is the premier and multi- faculty educational center affiliated to Sant Gadge Baba Amravati University, Amravati.

EcoShastra

# Energy Audit Committee

Sr. No.	Name	Designation
1.	Dr. S. H. Pande	Chairman (Principal)
2.	Dr. H. S. Patil	Lead auditor
3.	Mr. D. B. Channekar	Coordinator
4.	Mr. P. M. Gaiki	Internal Energy Auditor
5.	Mr. A. S. Mahadik	External Energy Auditor
6.	Mr. P. A. Bramhankar	Energy Audit Expert

**Energy Audit Report****Introduction:**

Our nation has potential in intelligence but was on back foot in terms of quantity and quality of education. Today our nation is marching towards developed nation in numerous fields. Among these fields, we have to meet energy demand and to produce clean sustainable energy. Our world is now in energy crisis, we as world facing energy shortage, in future it may increase. This causes lack energy for institutional work. Thus, we need institutional management in saving electricity, using it in smart way and producing electricity effectively for socio-economical purpose.

For energy, our nation is entirely depending upon fossil fuels. India has huge potential in producing energy in renewable sector. In India, 35% electrical energy is used by industrial sector, 28% by domestic sector, 21% agriculture sector, 9% Commercial sector and rest of electricity is used by common public applications. Energy conservation is the solution to the energy crisis, meaning reduction in energy consumption without compromising quality and quantity of work. Energy Conserved is the start of energy management, it leads to adequate rating of equipment's, replacing it with efficient (high rating) and improving habits to save more energy. It will vital to being self-sufficient organization in terms electricity.

In the present study, energy audit has been done. For these audit laboratories, instruments, air conditioners, fans, lights, fans, computers and its peripheral devices are considered in the study. The study also include total economic budget of college for the electricity. We have calculated exact number

Energy Audit Report  
tubes, computer instruments etc. We studied all these mentioned things by  
collecting exactly data from survey.

**Experimental and data collection:**

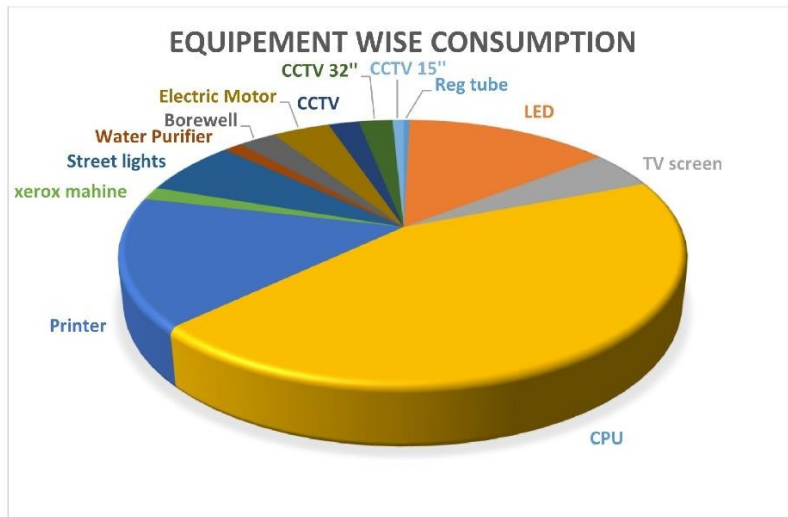
In building, in every room, how much fans, computers, instrument, AC etc.  
were measured. According to survey following data is collected.

**Total Power requirement of various equipment:**

Appliance	Total	Total Daily power
Regular tube	2	240
LED	80	8000
TV screen	2	2640
CPU	10	25000
Printer	12	9000
Xerox Machine	1	900
Street lights	10	3840
Water Purifier	1	720
Bore-well	1	1492
Electric Motor	2	2238
CCTV	02	1200
CCTV 32"	1	1320
CCTV 15"	1	432
Total Monthly Consumption (KW)		1260.66

**Consumption by various equipment**

According to given power consumed by different equipment.



**Fig.** Power consumption by various equipments

## Consumption Unit:

Sr. No.	Month	Consumption Unit (KW)
1	Sep-20	512
2	Oct-20	554
3	Nov-20	520
4	Dec-20	299
5	Jan-21	490
6	Feb-21	520
7	Mar-21	398
8	Apr-21	438
9	May-21	360
10	Jun-21	354
11	Jul-21	511
12	Aug-21	546
Total Power Consumption in Yearly (Units)		7780
Average Power Consumption in Monthly (Units)		648.3333

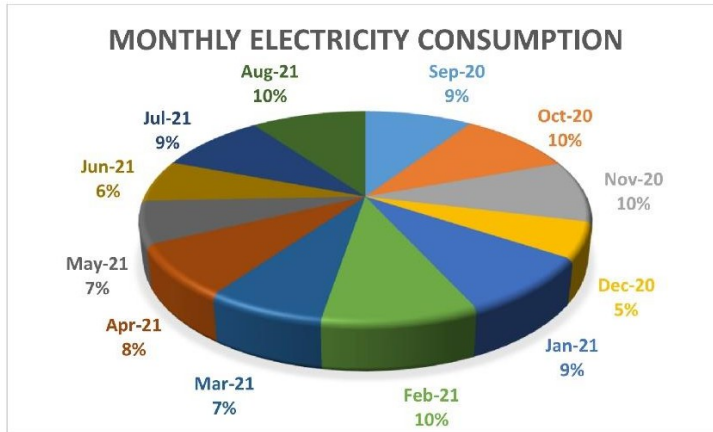


Fig. Graphical representation of contribution of various Instruments

**Recommendations:**

1. Replace all regular tube light and CFL tube light using LED bulb, to save more power.
2. Use stabilizers for AC, Xerox and other heavy load machines.
3. Use N-computing instead of separate computer assembly.
4. Use Renewable energy sources like Solar, Wind for power Generation.

**Results and Discussion:**

As per energy audit, electricity audit is done in Shri Shivaji of Arts, Commerce & Science College, Motala. We have collected data by considering tube light, fan, computers, printers and other instruments. The total energy required is 7780 KW.

Certi. No.: EA/0921/002



## Energy Audit Certificate

This is to certify that

*Shri. Shivaji College of Arts, Commerce and Science, Akola*

has successfully undergone the 'Energy Audit' during the period  
of June 2021 to August 2021.

Certificate issued in: September 2021    Valid till: August 2024



A handwritten signature in blue ink, appearing to read 'Amey S. Mahadik'.

Amey S. Mahadik  
Energy Auditor

A handwritten signature in blue ink, appearing to read 'Dr. H. S. Patil'.

Dr. H. S. Patil  
Lead Auditor



Certi. No.: GA/0921/002



## Green Audit Certificate

This is to certify that

*Shri Shivaji Arts, Commerce and Science College, Motala*

has successfully undergone the 'Green Audit' during the period of June 2021 to August 2021.



Certificate issued in: September 2021

Valid till: August 2024

*Thombare S.P.*

Shubham P. Thombare  
Green Auditor

A handwritten signature in blue ink, appearing to read 'H.S. Patil', written over a horizontal line.

Dr. H. S. Patil  
Lead Auditor

2021

# Green Audit Report



EcoShastra

EcoShastra



**Shri Shivaji Education Society Amaravati's**  
**Shri Shivaji Arts, Commerce and Science**  
**College, Motala (MS)**



# Green Audit Report

Submitted by



**EcoShastra**  
Consultancy & Services

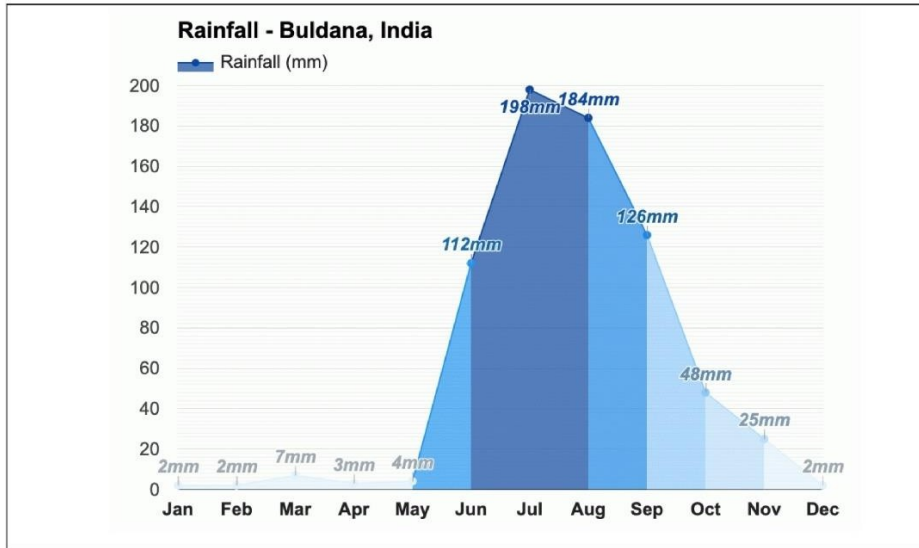
EcoShastra

***Shri Shivaji Education Society, Amravati's***  
**Shri Shivaji Arts, Commerce & Science College, Motala.**

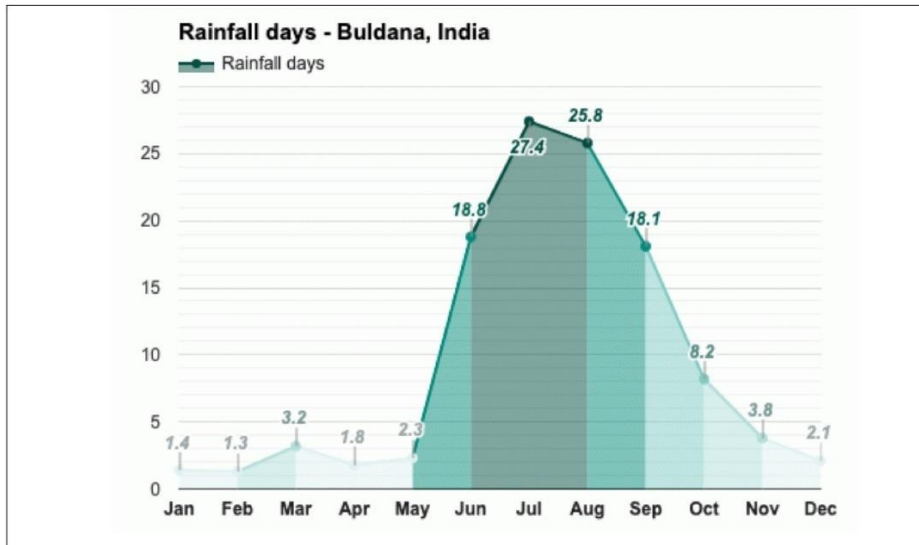
Shri Shivaji Education Society, Amravati, was founded in 1932, by Late DR. Punjabrao Deshmukh, the first agriculture minister of independent India, and a member of the "Constitution Draft Committee" for the Government of India. It is one of the premier institutions of higher education in the Vidarbha region. It is worth mentioning that, under its canopy, there are in all 277 institutions including Medical, Agriculture, Engineering, Science, Law, Education as well as Higher Secondary Schools, High Schools, Middle Schools, and Primary Schools. The society has bagged many prestigious awards from the state government in recognition of its dedication to the field of education.

Shri Shivaji Arts, Commerce and Science College, Motala was established in 1990 under the guidance of a great visionary, academician and first agriculture central minister of independent India Dr. Panjabrao alias Bhausahab Deshmukh. In the beginning it was providing only for male education in the faculty of Arts and Commerce. With the view to the importance of science and technology, the faculty of science was introduced in 2009 and in the same year the name of Arts and Commerce college was changed as Shri Shivaji Arts, Commerce and Science College Motala. Since the inception of science stream we started continuously taking serious efforts to provide education through science faculty to the poor and deprived students. It has very competent teaching staff in all departments as well as well-equipped science laboratories, computer department and rich and Central library, very beautiful neat and clean campus, women hostel, well developed oxygen park, botanical garden and 200m track for morning Walkers. The NCC and NSS unit which imparting the sense of social responsibility among all the students and also having Y.C.M.O.U. center. It always attempts to provide quality education to the students who are coming from all walks of life. Today it is the premier and multi- faculty educational center affiliated to Sant Gadge Baba Amravati University, Amravati.

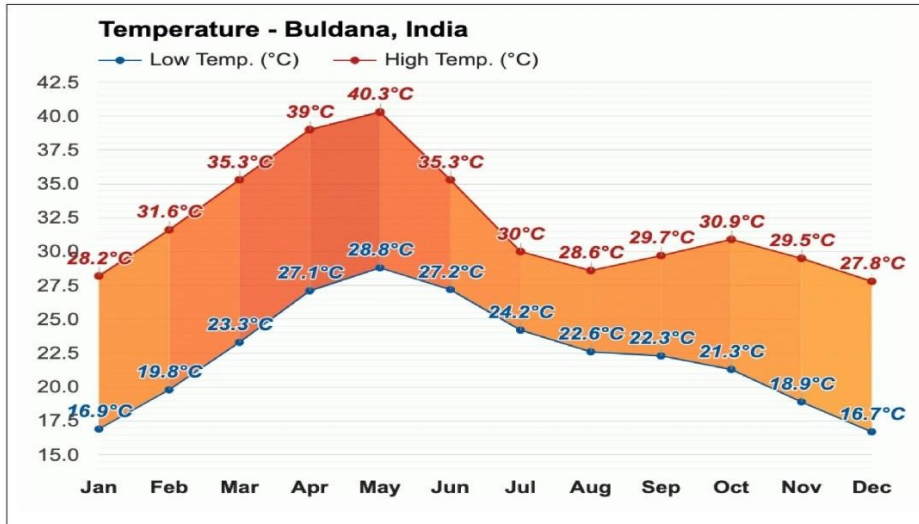
**Average Rainfall (in mm) in Buldana (Last 50 Years)**



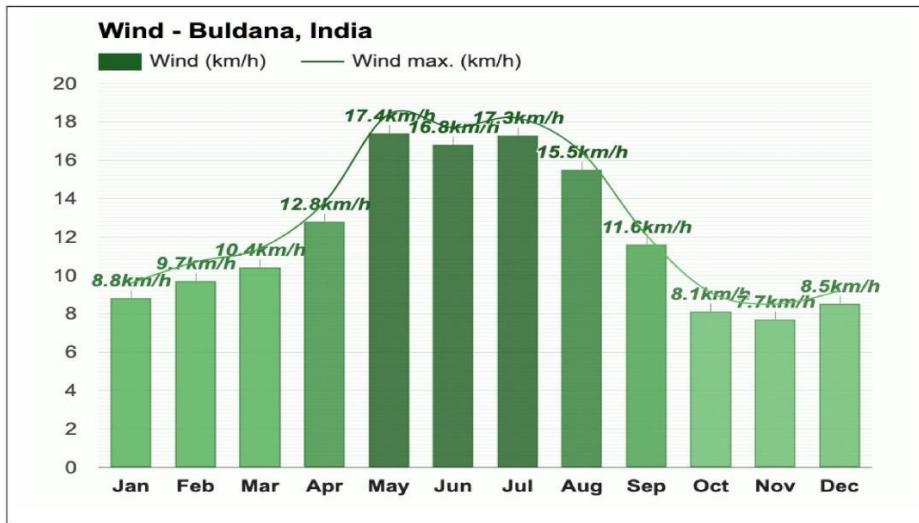
**Rainfall in Akola- Average Rainfall Days per month (Last 50 Years)**



The average temperature in Akola



Average Wind Speed in Akola



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# Green Audit Committee

Sr. No.	Name	Designation
1.	Dr. S. H. Pande	Chairman (Principal)
2.	Dr. H. S. Patil	Lead Auditor
3.	Mr. D. B. Channekar	Coordinator
4.	Dr. P. A. Theng	Internal Green Auditor
5.	Mr. S. P. Thombare	External Green Auditor
6.	Mr. S. S. Sakhare	Green Audit Expert

# Solid Waste Audit

## 1. Solid Waste Audit

### Introduction:

Shri Shivaji Arts, Commerce and Science College, Motala is an environment-friendly educational institute, and for any Environment-friendly institute, Solid Waste Audit is considered as a crucial part. In educational institutes like Shri Shivaji College, Paper, chalk, Polythene, Glass, and Biomass are the major constituents for solid waste production. Although Paper, Chalk, and Biomass wastes are considered Bio-degradable wastes, their production is directly or indirectly depends on the environment and their inappropriate management can raise environmental issues e.g. this waste can alter the water quality of a stream if it goes into the local water stream. Solid waste auditing gives an actual idea about solid waste generations in the campus and management strategies followed by the college. In this report, studies were carried out to analyze the solid waste profile of the college and corresponding waste management techniques.

### Aims and objectives:

- i. To calculate total solid waste generation on the campus.
- ii. To classify solid waste according to categories and places.
- iii. To analyze the obtained data and find key solid waste generation places.
- iv. To discuss present-day Waste-Management Strategy of the campus
- v. To issue appropriate recommendations considering different parameters like solid waste generation, management strategies, etc.

**Methodology:**

**1. Data collection:**

While collecting data, solid wastes like papers, polythene, glass, chalks, etc. are stored separately in a dustbin for a week for each mentioned place and weighed on a balance at end of the week. Solid wastes like kitchen and food waste are weighed each day and disposed of, the data of all seven days are added and represented separately.

**2. Data analysis:**

The obtained data is represented in tables and analyzed in excel by pie diagrams and bar diagrams.

**3. Comment on Recommendations:**

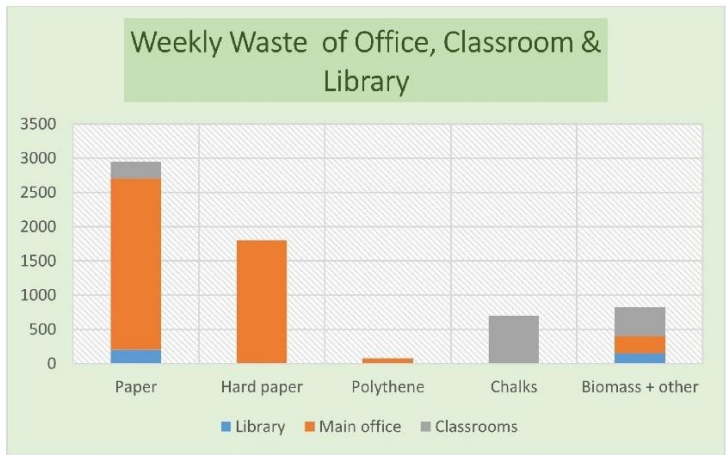
The comments have been made considering the number of stakeholders, the amount of total waste generation, the present-day waste disposal method, and research has been done to recommend more efficient methods of solid waste management.

Observations:

Solid Waste Accounting by Weight

Place	Paper	Hard paper	Polythene	Chalks	Biomass + other
Library	200				150
Main office	2500	1800	75		250
Classrooms	250			700	425
<b>Total</b>	<b>2950</b>	<b>1800</b>	<b>75</b>	<b>700</b>	<b>825</b>

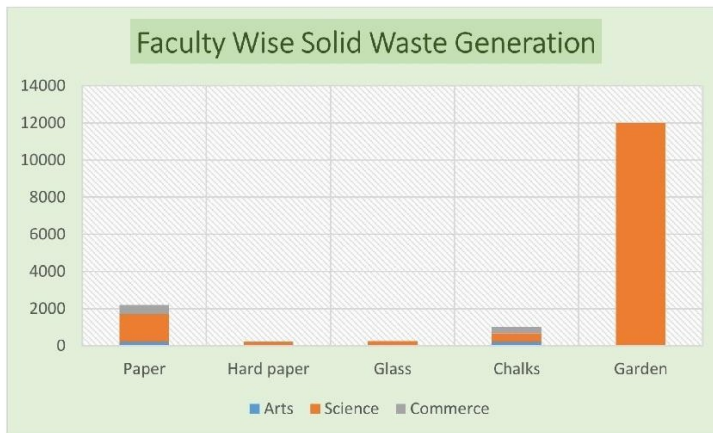
TABLE 1 Weekly Waste of Offices, Classrooms & Library in Grams



Green Audit Report

Departments	Paper	Hard paper	Glass	Chalks	Garden
Arts	200			200	
Science	1500	200	250	450	12000
Commerce	500			350	
<b>Total</b>	2200	200	250	1000	12000

TABLE 2 Weekly Faculty Wise Solid Waste Generation of College in Grams



**Conclusion:**

Garden waste (biomass), Paper, and hard paper waste are the major constituents of solid waste generation on the campus. Hard Plastic, and Chalk waste are the minor components of solid waste generation. After detailed studies, we can conclude that the campus has a negligible amount of polythene generation.

**Discussion:**

Shri Shivaji Arts, Commerce and Science College, Motala a well-known institute in Buldhana district. The institute is famous for conducting curriculum-based activities and delivering social, moral, and ethical values to its stakeholders. As an environment concerned institute, college knows Solid waste, the most common type of waste in an educational institute, should be managed properly. So college has built two the Vermi-Compost Manure Plants of 12ft L × 4 ft W × 2 ft H each. The garden waste which is the major component of solid waste generation and other kind of organic waste is collected, segregated, and transferred to the Vermi-Compost plant.

The less polythene generation in the campus is a result of timely awareness programs conducted on the campus.

Paper waste ranks second in the total solid waste generation index of the campus. Key sources for paper waste generation are the office, and science departments. The potential paper waste source in any educational institute is library so keeping this in mind and to reduce paper waste generation in library Shri Shivaji Arts, Science and Commerce College, Motala has adopted an advance library management software.

**Recommendations:**

**1. Paperless Campus:**

- i. The steps like preference should be given to cloud storage against hardcopy prints for storing office-related documents and paper.
- ii. The surveys and tests can be conducted on online platforms like Google forms.



# Water Audit

## 2. Water Audit

### **Introduction:**

Water is the prime important constituent of life. The quality of water and availability of water are the factors that define the health of the system. In education institutes having science faculty, PG departments, and research center, the amount of chemical mixed waste-water generation is considerable. In the institute like Shri Shivaji Arts, Science and Commerce College, Motala which is having around 1073 stakeholders, it is necessary to build appropriate water storage systems, check on the water demand, ensure efficient use of water and develop appropriate waste-water management system. The campus of Shri Shivaji College of Arts, Science and Commerce, Motala, holds several trees, and a toilet which are key sink areas for non-potable water. Whereas water purifiers in the campus, is major potable water storage systems. All the detailed study regarding water system of the campus is reported in this report.

### **Aims and objectives:**

- To describe the water storage system of the campus in great detail.
- To estimate the total potable and non-potable water demand of the campus.
- To compare data regarding water storage systems and estimated water demand.
- To recommend specific techniques to use water efficiently.

**Methodology:**

**1. Data Collection**

**i. Water storage system:**

The water storage system of the college is documented by organizing broad interviews with the college staff and spot inspection by audit experts.

**ii. Potable and non-potable water demand:**

For estimating the water demand of the campus, surveys are carried among all the stakeholders and staff by the digital way (Google forms), the collected data is then analyzed and represented in Microsoft Excel.

**iii. Wastewater management system:**

The data on the wastewater management system is collected by visiting the places on the campus by audit experts.

**2. Data Analysis**

The collected data from digital surveys, interviews, and spot visits is then analyzed by MS-Excel and represented in suitable diagrams.

**3. Comments and Recommendations**

The comments and recommendations have been made considering the number of stakeholders, the total water demand, water storage system, wastewater generation, and wastewater management system.

Observations:

Water storage details:

Sr. No.	Non-Potable Water Storage System	Capacity in Litres
<b>Campus (including toilet)</b>		
1	Adminstrative Building	1000
2	Science Building	2000
3	Humanities and Library Building	1000
4	Toilets	1000
Total		5000

Sr. No.	Potable Water Storage System	Capacity in Litres
<b>Campus</b>		
1	Humanities Building	1000
2	Science Building	500
Total		1500

## WATER USAGE

Water users	Number
Students	1044
Teaching staff	22
Non-teaching staff	7
<b>Total</b>	<b>1073</b>

**The total number of taps:**

Toilets, washrooms, garden, departments (Science lab)

Sr. No.	Place	Number of taps
1	Science Lab	22
2	Washroom	20
3	Garden	6
6	Toilets	11
Total		59

**Calculations:**

**1. Non-Potable Water Demand:** (excluding laboratory use)

Per Head Non-Potable Water Demand Calculated by analyzing data of personal individual water use collected by Google Forms.

Net **Non-Potable Water Demand** is: 04 Lit/head/day

Number of Users = 1044

Total **Non-Potable Water Demand** = 4176 Lit/day

Total **Non-Potable Water** storage system capacity= 5,000 lit

**Discussion:** After considering water flow to the laboratory and garden including leakage and wastage, the water storage system is properly built considering water demand.

**Recommendation:** Water tanks should be fully refilled after every day.

**2. Per Head Potable Water Demand:**

Per Head Potable Water Demand Calculated by analyzing data of personal individual water use collected by Google Forms.

Net **Potable Water Demand** is: 02 Lit/head/day

Number of Stakeholders = 1044

Total **Potable Water Demand** = 2088 Lit /day

Total **Potable Water** storage system capacity = 1,500 lit

**Recommendations:** By calculations, it is recommended to refill the Potable water storage system tanks everyday.

**Recommendations:**

**1. Waste-water disposal:**

The healthy practice should be adopted for wastewater disposal at Chemistry laboratories, which includes- keeping three separate containers for the chlorinated chemicals, non-chlorinated chemicals, and water-miscible chemicals. The generated waste chemicals are then suggested to be hand-over to the water treatment laboratories.

# Noise Audit



### 3. Noise Audit

#### **Introduction:**

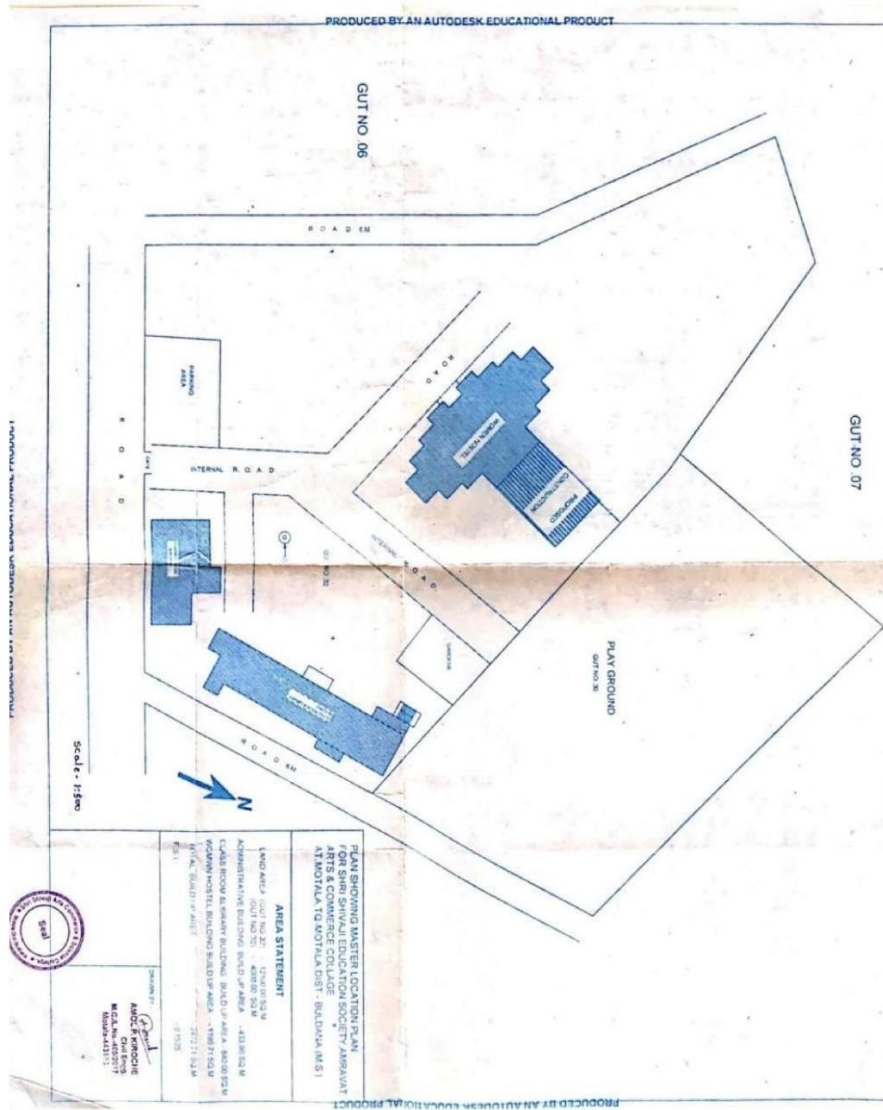
Shri Shivaji Arts, Commerce and Science College, Motala, believes in student's utmost development by providing quality education. The institute takes all moral, ethical, social responsibilities that will enhance students' focus in all aspects of the course curriculum. For the same, the institute has taken in its policy that, the institute will have silent but happening premises which will lead to better growth of students. This report includes the data, calculations, analysis, and discussion about the noise index of the campus and corresponding standards set by government agencies.

#### **Aims and Objectives:**

1. To analyze noise level in campus considering road traffic parameters, different noise indices, and altitudinal response.
2. Recommend healthy practices to minimize or maintain noise levels.

**Methodology:**

- 1. Review of literature and Government standards:** This audit procedure included a review of government policies related to noise standards in educational institutes.
- 2. Data Collection:** The data regarding noise is collected from different locations and times. Noise Meter is used for the collection of data in decibels.
- 3. Result and Conclusion:** The result and conclusion are drawn after the detailed analysis of the literature reviewed and the data collected.



Map of Shri Shivaji Arts, Commerce and Science College, Motala

**Observations:**

<b>Sr. No.</b>	<b>Location</b>	<b>No. of Readings</b>	<b>Time slot</b>	<b>Average Units (dB)</b>
1.	Ground	10	10:00 am to 05:00 pm	33.7
2.	Library	10	12:30 pm to 04:30 pm	24.6
3.	Office	10	10:00 am to 03:00 pm	40.2
4.	Classrooms	10	10:00 am to 04:00 pm	40.6

**Conclusion:**

The key places for noise generation are Classroom and office premises, which shows the highest (Average for the location) i.e. 40.6 dB and 40.2 dB and Library has the lowest (Average for the location) noise generation i.e. approximately near to 24.6 dB.

**Discussion:**

The standards set by CPCB (Central Pollution Control Board) for silent zones include noise levels of 55 dB in the day-time and 45 dB in the night-time. The core study areas of the college premises are meeting the standards set by CPCB for the educational institute and so the college can be considered as a silent zone as it meets the standards set by CPCB. The every corner of the college is free of external noise as it is surrounded by farmland from 3 sides and a rarely busy road on remaining i.e. front side.

The highest level of noise in the campus is at the office and classroom premises, which is due to gathering of people at that location for official chores as well as daily routine. The lowest noise level in the campus is near the library which is due to the best management of library culture and architectural planning of the infrastructure and dense vegetation in the campus.

**Recommendations:**

Following recommendations are made to monitor the noise level in campus:

1. It is recommended to plant more trees near the boundary of the college campus, which will reset the noise level caused by vehicular traffic on the adjoining road.

# Biodiversity Audit

#### 4. Biodiversity Audit:

##### **Introduction:**

The biodiversity of any institute defines the perspective of the institute towards the environment. More the diversity more the concern college has paid towards the environment. Keeping this in mind biodiversity audit is carried at Shri Shivaji Arts, Commerce, and Science College campus. This report includes the aims and objectives set for the audit, observation, conclusion, and recommendations.

##### **Aims and Objectives:**

1. To enlist of species biodiversity of the campus.
2. To analyse spatial features of the area.

**Methodology:**

- 1. Field surveys:** Extensive field surveys are carried to enumerate floristic diversity and enlisting of faunal diversity.
- 2. Collection and analysis of data:** The collected data from field surveys are tabulated and analyzed for deciding the biodiversity status of the campus.
- 3. Discussion:** The aspects regarding the biodiversity audit and environment-centric approach of an institute are discussed in great detail.
- 4. Recommendations:** The recommendations are issued after a detailed study of the data.



<b>Observations and inventory</b>
-----------------------------------

Sr. No.	Name of the plant	Number of individuals
1.	<i>Azadirachta indica</i>	105
2.	<i>Pongamia pinnata</i>	24
3.	<i>Roystonea regia</i>	9
4.	<i>Ficus Benjamina</i>	8
5.	<i>Delonix regia</i>	10
6.	<i>Mangifera indica</i>	2
7.	<i>Cordia dichotoma</i>	1
8.	<i>Polyalthia longifolia</i>	5
9.	<i>Bougainvillea</i>	3
10.	<i>Nyctanthes arbor-tristis</i>	1
11.	<i>Terminalia catappa</i>	5
12.	<i>Dalbargia sisoo</i>	35
13.	<i>Neolamarckia cadamba</i>	2
14.	<i>Tecoma stans</i>	1
15.	<i>Aegle marmelos</i>	3
16.	<i>Ziziphus jujuba</i>	10
17.	<i>Casia agustifolia</i>	23
18.	<i>Ficus religiosa</i>	1
19.	<i>Pentandra ceiba</i>	6
20.	<i>Ficus benghalensis</i>	4
21.	<i>Acacia nilotica</i>	4

Sr. No.	Name of the plant	Number of individuals
22	<i>Albizia lebbek</i>	1
23	<i>Alstonia scholaris</i>	4
24	<i>Tecoma stanz</i>	1
25	<i>Acacia Leucophloea</i>	1
26	<i>Bambussa bamboo</i>	1
27	<i>Tectona grandis</i>	1
28	<i>Moringa oleifera</i>	1
29	<i>Syzygium cumini</i>	1
30	<i>Gliricidia sepium</i>	1
31	<i>Butea monosperma</i>	1
32	<i>Kigelia pinnata</i>	1
Total		276

**Faunal Diversity:**

Sr. No.	Name of the organism
1.	Indian Squirrel
2.	Lime Butterfly
3.	House Crow
4.	Bat
5.	House Sparrow
6.	American House Spider
7.	Frog ( <i>Rana tigrina</i> )
8.	Common black ant

Sr. No.	Name of the organism
9.	Green bee eater
10.	Spotted Owlet
11.	Common wall lizards
12.	Snail
13.	Honey Bee ( <i>Apis dorsata</i> )
14.	Earthworm
15.	Termites
16.	Cockroach
17.	Bed Bug
18.	House Fly
19.	Mosquitoes
20.	Rat-Snake
21.	Beetles

**Discussion:**

The 276 individuals from 32 plant species and 30 notable faunal species among many other species show the richness of the campus. The institute is trying its best to maintain the biodiversity on the campus as well as off-campus. Knowing the need for percolation of scientific knowledge in the society, the Botany department has carried various projects to collect taxonomic information about the plants belonging to nearby areas, college as also donated tree sapling to the passed student of the college on the occasion of convocation and as a part of social responsibility around 500 plants of different species are planted by the

college in the surrounding village under the Biological Society established by the College, images and news cuttings of the same are attached in the annexure. The college has also installed the honey bee boxes in the campus which plays essential part in honey bee conservation.

By considering need of mass plantation and less germination of the seeds of wild plants, the college has conducted a workshop on 'Seedball Making' which provided hands-on training to its stakeholder and passed a good message of conservation into the society.

**Recommendations:**

Following recommendations are issued after studying the collected data:

1. As the campus is rich in floristic diversity, efforts should be taken for raising seed banks in the campus, which can be useful in conserving biodiversity.
2. The plants from native flora should be preferred for further cultivational activities on the campus.

## ANNEXURE

News Cuttings of different environmental related activities

### मोताळा येथील श्री शिवाजी महाविद्यालयातील विद्यार्थ्यांचे सुयश

देशोन्नती वृत्तसंकलन...

**बुलढाणा** ■ स्व.डॉ.ए. पी.जे.अब्दुल कलाम यांच्या जयंतीनिमित्त दि इन्स्टिट्यूशन ऑफ ग्रीन इजिनिअरींग एनव्हरमेंटल कन्व्हेंशन ऑर्गनायझेशन ऑफ वेवई द्वारा १९ दिवसांचा प्रकल्प आयोजित करण्यात आला होता. या प्रकल्पामध्ये श्री शिवाजी कला वाणिज्य व विज्ञान महाविद्यालयाच्या विद्यार्थ्यांनी विविध कार्यक्रम राबवून हा प्रकल्प वेस्ट अचीव्हर ग्रुपने हा प्रकल्प यशस्वी केला. यास्वी विद्यार्थ्यांना २५ ऑगस्ट रोजी प्राचार्य प्रा.डॉ.पांडे यांच्या हस्ते प्रमाणपत्र देवून सन्मानित करण्यात आले.

आयजेन ग्रुप वेवई यांनी श्री शिवाजी कला, वाणिज्य व विज्ञान महाविद्यालय येथील प्रा.डॉ.चिवा दिनकर मोरे यांची प्रोजेक्ट व्हे ऑर्गिनाइटर म्हणून निवड करण्यात आली होती. त्यांच्या मार्गदर्शनाखाली महाविद्यालय-याच्या विद्यार्थ्यांनी १९ दिवस सतर प्रकल्पावर काम केले. यासाठी प्रा.डॉ.चिवा मोरे यांनी कॅम्पेजमधील बायोलाजिकल असोसिएशनचे ड् स्टॅफ मेम्बर्स तसेच



**वेस्ट अचीव्हर ग्रुप महाराष्ट्रामध्ये पहिला...**  
वेवई द्वारा आयोजित १९ दिवसांच्या ऑनलाईन प्रकल्पांमध्ये श्री शिवाजी महाविद्यालय मोताळा येथील वेस्ट अचिव्हर ग्रुपने वाज्र संपादन केले. या ग्रुपमध्ये शुभम जैस्वाल, मोहम्मद उमेर, सीमा खान, मिरा मिरवे, इवेता वलकर, मोहिनी शेळके, अंजली हांडे, श्रद्धा निकम, ज्ञानेश्वरी मालठाणे, कामिणी चौपडे या विद्यार्थ्यांचा समावेश आहे.

बीएससी पार्ट-२ व बीएससी पार्ट-३ मधील १० विद्यार्थ्यांचा एक गट तयार केले होते. विद्यार्थ्यांनी १९ दिवसा दरम्यान वृत्तारोपण, स्वच्छता अभियान, आरोग्य कळवी, वेस्ट टू वेस्ट तसेच ओल्या व सुक्या कचऱ्यापासून खते तयार करून शेतीपयोगी खते तयार केली. तसेच प्लास्टीकचे तोटे समाजातून सांगून प्लास्टीक निर्मूलनाचे क्व र्वक्रम राबविले. या क्व र्वक्रमाचे डेटी अपडेन्स वेवईला पाठवून प्रकल्प

यशस्वी केला. प्रा.मोरे तसेच विद्यार्थ्यांनी प्रत्येक ऑनलाईन प्रेसेंटेशन घेऊन शिवाजी कॉलेजच्या या ग्रुपची वेस्ट अचीव्हर ग्रुप म्हणून प्रथम पारमध्ये निवड केली. हा महाराष्ट्रातील एकमेव ग्रुप ठरला आहे. यास्वीतेसाठी प्रा.डॉ.ठाकूर, प्रा.डॉ. अरुण गवारे, प्रा.डॉ.शुभम साखरे, प्रा.डॉ.राहुल उके महाविद्यालयाचे प्राचार्य डॉ.सुनिल मामलकर यांनी मोलाचे सहकार्य केले. (प्रतिनिधी)

Fri, 27 August 2021  
<https://deshonnati.digitaledition.in/c/62727624>

### श्री शिवाजी महाविद्यालयात मधुमक्षिका पालन प्रकल्पाचे उदघाटन

मोताळा:स्थानिक श्री शिवाजी कला वाणिज्य व विज्ञान महाविद्यालयात प्राणिशास्त्र विभागाअंतर्गत महाविद्यालयात मधुमक्षिका पालन प्रकल्पाचे उदघाटन करण्यात आले. मधमाशी पालन हा शेतीवर आधारित कृषी पुरक उपक्रम आहे. शेतकरी अतिरीक्त उत्पन्न मिळवण्यासाठी हा उद्योग करू शकतात. मधमाश्या फुलांमधील मकरदावे मधामध्ये रसांतरण करतात आणि त्यांना पोषकाच्या कल्प्यामध्ये साठवून ठेवतात. जंगलामधून मध गोळा करण्याचा उद्योग दीर्घकाळापासून अस्तित्वात आहे. मध आणि त्यापासून बनवलेल्या उत्पादनांची बाजारपेठेतील मागणी वाढत असल्याने मधमाशी पालनाचा



उद्योग एक टिकाऊ उद्योग म्हणून उदयास येत आहे. मध, पोलन, बी व्हेनम, प्रोपोलिस, रॉयल जेली आणि मेण ही मधमाशी पालनातून मिळणारी आर्थिकदृष्ट्या महत्वाची उत्पादने आहेत. विद्यार्थ्यां दशे

पासूनच शेतीशी निगडित, या व्यवसायाचे महत्त्व महाविद्यालयातील प्राचार्य डॉ. सुनील पांडे सरांनी विद्यार्थ्यांना समजावून सांगितले. तसेच या प्रकल्पाची महत्त्वपूर्ण माहिती तसेच

प्रात्याक्षिके कारण्यासबधीची माहिती श्री विष्णू कुमार जंगले सचिव हनी बी केअर क्लस्टर जळगाव व गजानन तिरुमल यांनी महाविद्यालयात देण्यात आली. अशा प्रकारचे विद्यार्थी केंद्रित

विविध प्रकल्प महाविद्यालयात प्राणिशास्त्र विभागातर्फे आयोजित केल्या जातात. या प्रकारच्या प्रकल्पांमुळे विद्यार्थ्यांना प्रात्यक्षिक स्वरूपात माहिती मिळते व स्वतःच्या पायावर भविष्यात उभे राहण्यासाठी मार्ग मिळतो. महाविद्यालयातील आशा प्रकारच्या अभ्यासपूरक उपक्रमांमुळे विद्यार्थ्यांमध्ये उद्योजकता व स्वयंरोजगार भावना विकसित होईल. कार्यक्रमाला प्राणिशास्त्र विभाग प्रमुख डॉ. अमय ठाकूर, डॉ. अरुण गवारे, डॉ. चित्र मोरे डॉ. प्रवीण ठेंग, डॉ. राहुल उके, प्रा.शुभम साखरे तसेच महाविद्यालयातील प्राध्यापक वृंद, शिक्षकेतर कर्मचारी तसेच विद्यार्थी मोठया संख्येने उपस्थित होते.

## श्री शिवाजी महाविद्यालयात वृक्षारोपण संपन्न



मोताळा :स्थानिक श्री शिवाजी कला वाणिज्य व विज्ञान महाविद्यालय मोताळा येथे दिनांक १९/०७/२०२१ रोज सोमवारला वृक्षारोपण कार्यक्रमाचे आयोजन वनस्पतीशास्त्र विभाग, राष्ट्रीय सेवा योजना व राष्ट्रीय छात्र सेना यांच्या संयुक्त विद्यमाने मा. प्राचार्य डॉ सुनील पांडे सर यांच्या मार्गदर्शनात करण्यात आले होते. या कार्यक्रमाला महाविद्यालयीन विकास समितीचे सन्माननीय सदस्य मा. व्ही. टी. देशमुख, मा.

ओमप्रकाशजी देशमुख (आजीवन सदस्य,श्री शिवाजी शिक्षण संस्था अमरावती) व मा. प्राचार्य नीलेशजी गावंडे (व्यवस्थापन परिषद सदस्य, सं.गा.बा. अ. विद्यापीठ) यांच्या शुभ हस्ते करण्यात आले. यावेळी प्राचार्य डॉ सुनील पांडे सर, प्रा. डॉ सुनील मामलकर सर, प्रा. धुमाळ सर, प्रा सौ. मास्कर मॅडम, प्रा मेहेरकर, प्रा. पुरुषोत्तम चाटे, प्रा डॉ प्रविण ठेंग, प्रा. डॉ उवेक, प्रा. साखरे उपस्थित होते. यावेळी अर्जुन,

आवळा, फणस, कडुनिंब, पिंपळ, उंबर, लक्ष्मणफळ, वड, सिताफळ, करंज, मोह, आदी वृक्षांचे रोपण मान्यवरांच्या हस्ते करण्यात आले. वृक्षारोपण कार्यक्रमाच्या यशस्विते साठी प्रा. नागेश गद्दूवार, डॉ अभय ठाकूर, प्रा.डॉ. अरुण गवारे, प्रा. भास्करराव भिसे, प्रा. पराग ब्राह्मणकर, प्रा. हिरनवाळे, प्रा. दादा मनगटे, प्रा. निलेश रहाटे, प्रा. प्रतिक गायकी, प्रा.डॉ सुप्रिया बेहरे मॅडम, डॉ चित्रा मोरे मॅडम, प्रा रामेश्वर बनकर, श्री गवई यांनी प्रयत्न केले.

T.C.No. MAHMAR/2021/50705

# दिव्य मातृछाया

दैनिक

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जोधपूर      दक्षिण दिनांक २५, जुलै २०२१      वर्ष : १ रे      अंक : ११३      पाने : ४      किंमत : २ रुपये.

## श्री शिवाजी महाविद्यालयात वन संवर्धन दिन साजरा

**अजहर शहा**

**मोताळा:** -स्वानिक श्री शिवाजी कला, वाणिज्य व विज्ञान महाविद्यालय मोताळा येथे दिनांक २३ जुलै ला वन संवर्धन दिन साजरा करण्यात आला. कन्या वन समुद्धी योजनेचा लाभ घेण्याचे केले आवाहन वनक्षेत्रपाल मा.विभास धोरत साहेब यांनी केले.

वनस्पतीशास्त्र विभाग व सामाजिक वनीकरण विभाग परिक्षेत्र मोताळा यांच्या संयुक्त विद्यमाने एम. ओ. यु. अंतर्गत या कार्यक्रमाचे आयोजन करण्यात आले होते. कार्यक्रमाला प्रमुख अतिथी मा. विभास धोरत साहेब, वनक्षेत्रपाल, सामाजिक वनीकरण वनक्षेत्र मोताळा उपस्थित होते. यावेळी कार्यक्रमाचे अध्यक्ष मा. प्राचार्य डॉ सुनील पांडे सर तर प्रा. डॉ सुनील मामलकर सर, प्रा. विजय घुमाळ सर, प्रा.सी. नंदा मास्कर मंडम, प्रा. अभिमान मेहरकर यांची प्रमुख उपस्थिती होती.या कार्यक्रमात प्राचार्य साहेबांनी मा. धोरत साहेबांचे वृक्ष देऊन स्वागत केले.तर धोरत साहेबांनी



सामाजिक वनीकरण विभागाच्या वतीने मा. प्राचार्य डॉ सुनील पांडे सर यांना तारुण/ जाळू वृक्ष भेट दिले. यावेळी मा. धोरत साहेबांनी वनविभागाच्या विविध योजनांबाबत माहिती दिली व महाविद्यालयीन विद्यार्थ्यांनी \*\*कन्या वन समुद्धी\*\* योजनेचा लाभ घेण्यासाठी समाजात जनजागृती करायी असे आवाहन केले. या योजने अंतर्गत ज्या

कुटुंबात कम्यारल जन्माला आले त्या कुटुंबाला ५ फळवृक्ष व ५ सगवना वृक्ष सामाजिक वनीकरण विभागापासून मोफत देण्यात येतात अशी माहिती त्यांनी दिली. यावेळी राष्ट्रीय छात्र सेनाच्या व राष्ट्रीय सेवा योजनेच्या स्वयंसेवकांना महाविद्यालयाच्या वतीने क्वारंटेन्याचे वाटप करण्यात आले. या प्रसंगी प्रा. पुरुषोत्तम चांदे, प्रा.दिनेश

दगे,प्रा. डॉ प्रविण ठेंग, डॉ राहुल उके, प्रा. शुभम साखरे, प्रा. नोपेश गडुवार, डॉ अपय टाकूर, डॉ. अरुण गवारे, प्रा. भास्करराव भिसे, प्रा. परम ब्राह्मणकर, प्रा. हिरलबांडे, प्रा. दादा मनगटे, प्रा. निदेश राहटे, प्रा. प्रतिक गायकी, प्रा.डॉ सुप्रिया बेहरे मंडम, डॉ चित्रा मोरे मंडम, प्रा. रामेश्वर बनकर व महाविद्यालयाचे विद्यार्थी उपस्थित होते.

विदर्भातील एकमेव स्वतंत्र दैनिक

# अजिंक्य भारत

28-02-2021

## जिल्हा

सोमवार दि. १ मार्च २०२१

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## श्री शिवाजी महाविद्यालयात राष्ट्रीय वेबिनार संपन्न

मोताळा दि. २८ । प्रतिनिधी  
मोताळा- स्थानिक श्री  
शिवाजी कला वाणिज्य  
व विज्ञान महाविद्यालय  
मोताळा, बुलढाणा येथे  
वनस्पतीशास्त्र विभागाच्या  
वतीने राष्ट्रीय विज्ञान दिनाचे  
औचित्य साधून "ऑर्गेनिक  
फार्माग: प्रिन्सिपल अँड  
स्कोप" या विषयावर  
वेबिनारचे आयोजन करण्यात  
आले होते. कोवीड- १९  
चा प्रादुर्भाव लक्षात घेता  
वेबिनार ऑनलाईन पद्धतीने  
गूगल मीट च्या माध्यमातून  
घेण्यात आला. कार्यक्रमाचे  
अध्यक्ष माननीय प्राचार्य  
डॉ. एस. डब्ल्यु. मामलकर  
हे होते. या कार्यक्रमाला  
प्रा. डॉ. सुरशील सातपुते सर,  
सहाय्यक प्राध्यापक, एम.  
जी. एम., नानासाहेब कदम  
कृषि महाविद्यालय गांधेली  
औरंगाबाद हे प्रमुख वक्ते  
म्हणून उपस्थित होते.

अध्यक्षीय भाषणामध्ये  
महाविद्यालयाचे प्राचार्य डॉ.  
मामलकर सर यांनी सेंट्रिय शेतीचे  
महत्व विषद करताना श्री शिवाजी  
शिक्षण संस्थेचे संस्थापक अध्यक्ष  
स्वतंत्र भारताचे पहिले कृषीमंत्री  
डॉ पंजाबराव उपाख्य भाऊसाहेब  
देशमुख यांच्या कार्याची आठवण  
करून दिली. भाऊसाहेबांना  
अपेक्षित भारत घडवण्यासाठी सेंट्रिय  
शेती ही काळाची गरज आहे असे



त्यांनी सांगितले. प्रा.डॉ. सातपुते  
सर यांनी सेंट्रिय शेती मधील उरिट  
व फायदे विषद केले. सध्या भारत  
देश जगामध्ये सेंट्रिय शेतीमधील  
उत्पन्नामध्ये अग्रेसर असल्याचे  
त्यांनी सांगितले. सेंट्रिय शेती  
विषयक असून त्याचा पर्यावरण वा  
सजीवसृष्टी वर विपरीत परिणाम  
होत नसल्यामुळे सेंट्रिय शेतीकडे  
बाळण्याचे आवाहन त्यांनी याप्रसंगी  
केले.

कार्यक्रमाचे संयोजक  
वनस्पतीशास्त्र विभागप्रमुख प्रा.  
डॉ. प्रविण टेंग व आयोजन सचिव  
डॉ. राहुल उके व प्रा. साखरे हे  
होते. कार्यक्रमाचे सूत्रसंचालन  
प्रा. डॉ. अभय ठाकूर यांनी, तर  
व्याख्यांच्यांचा परिचय प्रा. डॉ.  
प्रविण टेंग यांनी करून दिला.  
तांत्रिक बाजू प्रा. साखरे सरांनी  
सांभाळली व आभार प्रा. डॉ. राहुल  
उके यांनी मानले. कार्यक्रमाला  
प्राध्यापक, संशोधक विद्यार्थी,  
महाविद्यालयातील विद्यार्थी मोठ्या  
संख्येने उपस्थित होते. कार्यक्रमाच्या  
यशास्वितेसाठी महाविद्यालयातील  
प्राध्यापक व शिक्षकेतर कर्मचारी  
यांनी अथक परिश्रम घेतले.



## श्री शिवाजी महाविद्यालयात पदवी वितरण समारंभ संपन्न

अजहर शाह

**मोताळा:** स्थानिक श्री शिवाजी कला वाणिज्य व विज्ञान महाविद्यालय मोताळा येथे दिनांक १९ जुलै रोज सोमवारला पदवी वितरण समारंभाचे आयोजन मा. प्राचार्य डॉ सुनील पांडे सर यांच्या मार्गदर्शनात करण्यात आले होते. या समारंभाला महाविद्यालयीन विकास समितीचे सन्माननीय सदस्य मा. व्ही. टी. देशमुख, मा. ओमप्रकाशजी देशमुख (आजीवन सदस्य, श्री शिवाजी शिक्षण संस्था अमरावती) व मा. प्राचार्य नीलेशजी गावंडे (व्यवस्थापन परिषद सदस्य, सं.गा.बा. अ. विद्यापीठ) यांची प्रमुख पाहुणे म्हणून तर प्रमुख उपस्थितीमध्ये प्रा. डॉ सुनील मामलकर सर, प्रा. धुमाळ सर व प्रा. अविनाश मेहरकर उपस्थित होते. समारंभाच्या अध्यक्षस्थानी मा. व्ही. टी. देशमुख हे होते. कार्यक्रमाची सुरुवात दिप प्रज्वलन, प्रतिमा पूजन



व विद्यापीठ गीताने करण्यात आली. उपस्थित सर्व मान्यवरचे स्वागत मा. प्राचार्य डॉ सुनील पांडे सर यांनी केले. कार्यक्रमाचे प्रास्ताविक प्राचार्य डॉ सुनील पांडे सर यांनी केले. यावेळी कोविड १९ च्या नियमांचे पालन करून कला शाखेच्या १४, वाणिज्य शाखेच्या ०६ व विज्ञान शाखेच्या ३० असे एकूण ५० विद्यार्थ्यांना पदवी प्रमाणपत्र व वृक्षरोपे देऊन गौरव करण्यात आला. यावेळी मान्यवरांनी आपले मनोगत व्यक्त केले. या समारंभाचे समन्वयक वनस्पतीशास्त्र विभागप्रमुख प्रा. डॉ प्रविण टेंग हे होते. कार्यक्रमाचे सूत्रसंचालन मराठी

विभागप्रमुख प्रा. सौ. नंदा मास्कर मॅडम यांनी केले व आभार वाणिज्य विभागप्रमुख प्रा. डॉ सुनील मामलकर सर यांनी मानले. या समारंभाच्या यशस्वितेसाठी प्रा. नागेश गडूवार, डॉ अभय ठाकूर, प्रा. शुभम साखरे, डॉ. अरुण गवारे, प्रा. भास्करराव भिसे, प्रा. पुरुषोत्तम चाटे, प्रा. पराग ब्राह्मणकर, डॉ राहुल उके, प्रा. अमोल बढे व प्रा. हिरनवाळे, प्रा. दादा मनगटे, प्रा. निलेश रहाटे, प्रा. प्रतिक गायकी, प्रा. डॉ सुप्रिया बेहरे मॅडम, डॉ चित्रा मोरे मॅडम, प्रा रामेश्वर बनकर, श्री सिराळ, श्री कुयटे, श्री खाडे, श्री धुरंधर व श्री सोनुने यांनी प्रयत्न केले.

## श्री शिवाजी महाविद्यालयात राष्ट्रीय वन्यजीव दिन साजरा

मोताळा: श्री शिवाजी कला, वाणिज्य व विज्ञान महाविद्यालय मोताळा, बुलडाणा येथे प्राणिशास्त्र विभागाच्या वतीने जागतिक वन्यजीव दिनाचे अवैतन्य साधून वन्यजीव आणि त्याचे संवर्धन या विषयावर वेबिनारचे आयोजन दिनांक ३ मार्च रोजी करण्यात आले गेले होते. कॉविड-१९ चा प्रादुर्भाव लक्षात घेता वेबिनार ऑनलाईन पद्धतीने गूगल मीट व्हा माध्यमातून घेण्यात आला. कार्यक्रमात अध्यक्ष म्हणून महाविद्यालयातील इंग्रजी विषयाचे

प्राध्यापक तथा आय व्यू ये सी संचालक प्रा. अविनाश मेहरकर सर यांची उपस्थिती होती. तसेच प्रमुख वक्ते म्हणून प्रा.डॉ.आर व्ही बहादूर सर, प्रा.हाट्टासि प्राध्यापक, श्री वसंतराव नाईक



महाविद्यालय धारणी, अमरावती यांची उपस्थिती होती. अध्यक्ष भाषणामध्ये प्रा. अविनाश मेहरकर सर यांनी

जागतिक वन्यजीव यांचे महत्त्व आणि त्यांचे कार्य पटवून दिले. प्रमुख वक्ते प्रा.डॉ.आर व्ही बहादूर सर यांनी मेळघाटालील वन्यजीव आणि स्थानिक लोकांकडून त्याचे होणारे संरक्षण या विषयावर सविस्तर मार्गदर्शन आणि त्यांचे महत्त्व पटवून

दिले. कार्यक्रमाचे आयोजन प्राणिशास्त्र विभागाचे विभाग प्रमुख प्रा.डॉ.अभय ठाकूर यांनी तर सूत्रसंचालन व आभार प्रा.डॉ.अरुण गवारे यांनी केले आणि प्रमुख वक्त्यांचा परिचय प्रा.डॉ.चित्रा मोरे मॅडम यांनी केला. कार्यक्रमाची तांत्रिक बाजू प्रा.भास्करराव भिसे, प्रा.निलेश रहाटे, प्रा.नागेश गटदूवार, प्रा.दादा मनगटे, प्रा.डॉ.राहुल उके यांनी सांभाळली. कार्यक्रम आयोजनासाठी महाविद्यालयाचे प्राचार्य डॉ.

सुनील मामलकर सर यांचे मार्गदर्शन लाभले. कार्यक्रम यशस्वी करण्यासाठी प्रा.मास्कर मॅडम प्रा.विजय धुमाळ सर, प्रा.पुरुषोत्तम चाटे सर, प्रा.प्रवीण ठेंग सर, प्रा.शुभम साखरे प्रा.पराग ब्राह्मणकर आणि इतर प्राध्यापक आणि शिक्षक कर्मचारी यांचे महत्त्वाचे सहकार्य लाभले. कार्यक्रमाला महाविद्यालयातील प्राध्यापक तसेच संशोधक विद्यार्थी, महाविद्यालयातील विद्यार्थी मोठ्या संख्येने उपस्थित होते.

## शिवाजी महाविद्यालयात राष्ट्रीय प्रदूषण नियंत्रण दिन

मोताळा (प्रतिनिधी)

स्थानिक श्री शिवाजी कला, वाणिज्य व विज्ञान महाविद्यालय, मोताळा येथे २ डिसेंबर रोजी राष्ट्रीय प्रदूषण नियंत्रण दिवस साजरा करण्यात आला.

या कार्यक्रमाला महाविद्यालयाचे प्राचार्य डॉ एच. जी. पाटिल सर उपस्थित होते. महाविद्यालयातील रासेयो विभाग आणि विज्ञान विभाग यांच्या संयुक्त विद्यमाने महाविद्यालयातील विद्यार्थी यांनी प्लास्टिक गोळा करून प्लास्टिक चा वापर न करण्याचा संकल्प केला. यावेळी डॉ प्रविण ठेंग व डॉ अभय ठाकूर यांनी प्रदूषणामुळे होणारे दुष्परिणाम यावर मत व्यक्त केले



आणि महाविद्यालयीन परिसर प्लास्टिक मुक्त करण्याचा संकल्प करण्यात आला. त्यानंतर विद्यार्थ्यांनी महाविद्यालयीन परिसरातील प्लास्टिक कचरा जमा करण्यात आला. यावेळी प्रा.पी.आर.चाटे, प्रा.धुमाळ, प्रा.डॉ अरुण गवारे, प्रा.डॉ मोरे मॅडम,

प्रा. नागेश गटदूवार, प्रा.भास्कर भिसे, प्रा. निलेश रहाटे, प्रा. दादासाहेब मनगटे आणि प्रा. डॉ राहुल उके सर्व प्राध्यापक वृंद, शिक्षकेत्तर कर्मचारी, रासेयो स्वयंमसेव, महाविद्यालयातील विद्यार्थी यांनी कार्यक्रम यशस्वी करण्यासाठी अथक परिश्रम घेतले.

# सीड बॉल निर्मिती कार्यशाळा

एक पाऊल वृक्षसंवर्धनाकडे; श्री शिवाजी महाविद्यालयाचा उपक्रम

## सकाळ वृत्तसेवा

मोताळा, ता. १८ : येथील श्री शिवाजी कला, वाणिज्य व विज्ञान महाविद्यालयात बायोलॉजिकल सोसायटी आणि ग्रीन आर्मी यांच्या संयुक्त विद्यमाने बुधवारी ऑनलाईन सीड बॉल निर्मिती कार्यशाळेचे आयोजन करण्यात आले होते. प्राचार्य डॉ. सुनील मामलकर यांच्या मार्गदर्शनात सदर कार्यशाळा घेण्यात आली.

विद्यार्थ्यांमध्ये वृक्षारोपण आणि वृक्षसंवर्धनाची आवड निर्माण करणे



हा या आयोजनामागील उद्देश होता. प्राणिशास्त्र विभागप्रमुख प्रा. डॉ. अभय ठाकूर यांनी सीड बॉलची संकल्पना विशद केली. वृक्षबीज फेरक्यापेक्षा सीड बॉल बनवून फेकणे किती महत्त्वाचे आहे ते वनस्पतिशास्त्र विभाग प्रमुख प्रा.डॉ. प्रवीण ठेंग यांनी सांगितले. कार्यशाळेचे

संयोजक प्रा. साखरे हे होते. कार्यशाळेला विद्यार्थी मोठ्या संख्येने सहभागी झाले होते. दरम्यान, शुभम जैस्वाल या विद्यार्थ्यांनी सर्वाधिक ५०१ सीड बॉल बनवून प्रथम क्रमांक पटकावला. कार्यशाळेच्या शेवटी प्रश्नमंजुषाचे आयोजन करण्यात आले होते.

सहभागी सर्व विद्यार्थ्यांना प्रमाणपत्र देण्यात आले. कोविड १९ विषाणूंचा प्रादुर्भाव लक्षात घेता कार्यशाळा ही ऑनलाईन पद्धतीने घेण्यात आली. कार्यशाळेच्या यशस्वितेसाठी डॉ. गवारे, डॉ. मोरे व डॉ. उके यांनी परिश्रम घेतले.

## श्री शिवाजी कला वाणिज्य व व विज्ञान महाविद्यालयाच्या ३० विद्यार्थ्यांनी जागतिक पर्यावरण दिनानिमित्त आपापल्या दारी केले वृक्षारोपण

मोताळा:स्थानिक श्री शिवाजी कला वाणिज्य व व विज्ञान महाविद्यालयात दिनांक ५ जून रोजी जागतिक पर्यावरण दिना निमित्त वनस्पतिशास्त्र आणि प्राणीशास्त्र विभागातर्फे आयोजित कार्यक्रमांतर्गत महाविद्यालयातील विज्ञान विभागातील विद्यार्थ्यांनी आपापल्या घरी तीस विद्यार्थ्यांनी झाडे लावून जागतिक पर्यावरण दिवस साजरा केला. जगातील १०० पेक्षा जास्त देशांमध्ये दिनांक ५ जून हा दिवस जागतिक पर्यावरण दिवस म्हणून उत्साहात साजरा केल्या जातो. या दिवसाचा मुख्य

उद्देश म्हणजे जगातील प्रत्येक माणसांमध्ये पर्यावरणाविषयी जनजागृती करणे आणि संपूर्ण राष्ट्राने पर्यावरणाविषयी पुढेकार घेणे असा आहे. जागतिक पर्यावरण दिवस हा जगात वेगवेगळ्या पद्धतीने साजरा करण्यात येतो. पर्यावरणाविषयी जनजागृती करण्यासाठी आज सभा, संमेलने, आणि चर्चासत्रे आयोजित करणे हे महत्त्वाचे आहे. विद्यार्थी दशेेत पर्यावरणाविषयी जनजागृती ही अत्यंत महत्त्वाची आहे. याच संकल्पनेचा हेतू लक्षात घेऊन श्री शिवाजी महाविद्यालयात

वनस्पतीशास्त्र आणि प्राणीशास्त्र विभागातर्फे विद्यार्थ्यांमध्ये झाडे आणि प्राण्यांविषयी माहिती गूगल क्लासरूम आणि इंटरनेट माध्यमातून देण्यात आली. संकल्पनेसाठी स्थानिक महाविद्यालयातील प्राचार्य डॉ. मामलकर सर आणि वनस्पतीशास्त्र विभाग प्रमुख डॉ. प्रवीण ठेंग तसेच प्राणिशास्त्र विभाग प्रमुख डॉ. अभय ठाकूर यांनी विद्यार्थ्यांना योग्य मार्गदर्शन केले तसेच दोन्ही विभागातील प्राध्यापक प्रा साखरे सर, डॉ उके सर, डॉ गवारे सर आणि डॉ मोरे मॅडम यांची सहकार्य लाभले.

दैनिक आपला गुजरात

शनिवार दिनांक ७ मार्च २०२०

## श्री शिवाजी महाविद्यालयात 'जल पे चर्चा' कार्यक्रम संपन्न

मोताबा(प्रतिनिधी):

येथील श्री शिवाजी कला, वाणिज्य व विज्ञान महाविद्यालयात दिनांक ४/०३/२०२० रोजी 'जल पे चर्चा' कार्यक्रमाचे ग्राम सामाजिक परिवर्तन अभियाना अंतर्गत आयोजन करण्यात आले होते. कार्यक्रमाची सुरुवात दीप प्रज्वलन व प्रतिमा पूजनाने करण्यात आली. या कार्यक्रमाचे उद्दिष्ट महाविद्यालयीन युवक युवतींना जल शक्ती अभियानाबद्दल माहिती

देणे, जलसंधारण, जल पुनर्भरण, पाणलोट विकास याबाबत माहिती देऊन चर्चा करणे तसेच ग्राम सामाजिक परिवर्तन अभियान सुरू असलेल्या गावांमध्ये स्वखुशीने श्रमदान करण्यास प्रोत्साहित करणे हा हो ता. या कार्यक्रमाच्या अध्यक्षस्थानी प्राचार्य डॉ एच. जी. पाटील सर हे होते तर प्रमुख उपस्थित प्रा डॉ भारंबे सर, विज्ञान महाविद्यालयात मलकापूर, श्री आनंद तिवारी सर, श्री. राजेंद्र वैराळकर साहेब, श्री. दिलीप मोरे,

श्री. ब्रम्हदेव गिरे सर, श्री. निलेश कळांसे, प्रा. धुमाळ, प्रा. मेहेरकर सर, प्रा. मास्कर मंडम होते. या वेळी उपस्थित सर्व मान्यवरांनी जलसंधारण व जलव्यवस्थापन या विषयावर मार्गदर्शन केले. कार्यक्रमाचे सूत्रसंचालन वनस्पतीशास्त्र विभागप्रमुख प्रा. डॉ. प्रविण ठेंग सर यांनी केले तर प्रास्ताविक प्रा. डॉ. चित्रा मोरे मंडम यांनी केले. आभारप्रदर्शन प्राणीशास्त्र विभागप्रमुख प्रा. डॉ. अभय ठाकूर सर यांनी मानले.



यावेळी प्रा. डॉ. गवारे सर, प्रा. डॉ. सर, प्रा. गायकी सर, प्रा. ब्राह्मणकर उके सर, प्रा. साखरे सर, प्रा. सर, प्रा. चन्नेकर सर, प्रा. डॉ. बेहेरे गददुवार सर, प्रा. भिसे सर, प्रा. मंडम उपस्थित होते. कार्यक्रमाची रहाटे, प्रा. मनगटे सर, प्रा. हिरनवाळे सागता राष्ट्रगीताने करण्यात आली.

Photographs





### Vermicompost unit



Rainwater harvesting



Bee keeping unit



EcoShastra