

INSTITUTIONAL DEVELOPMENT PLAN (IDP)

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Lal Bahadur Shastri College of Arts, Science and Commerce, Satara.

1. Objectives of the IDP:

- To educate students from all strata of society to inculcate personal and social human values
- To inculcate personal and social human values
- To develop global competence among the students
- To generate the scientific attitude
- To build environmental consciousness and eco-friendly campus
- To endorse the ICT in teaching, learning, and research
- To run sports and cultural programs
- To carry out the extension and outreach activities

2. Vision and mission of the College/Institute.

Our parent institute is Shri Swami Vivekanand Shikshan Sanstha, Kolhapur. It is the second largest educational institution in Maharashtra state. It governs the college.

Motto

“Dissemination of Education is for Knowledge, Science and Refined Culture”

The quality statement of college is

Pursual of high degree of excellence imbibing human values in all endeavours

Institute is committed to provide quality education to the students enabling them to excel in the fields of Arts, Science and Commerce to cater to the changing and challenging needs of society through the following initiatives reflecting the quality policy:

- Staying accountable in our core and support functions through process of self-evaluation and continuous improvement
- Inculcating moral and ethical values among the students and staff through extension and outreach programmes
- Contributing to the academic and overall knowledge development of the students
- Maintaining quality infrastructure and ambient learning environment
- Enhancing the competence of the faculty and encouraging them to adopt all modern and innovative methods in teaching learning process
- Collaborating with industry, other institutions and organizations for mutual benefit
- Promoting Research for sustainable development
- Ensuring continual improvement of Quality Monitoring System

Vision

The vision of the college is to emerge as a premier institute imparting knowledge and skills and inculcating human values at its core for the everlasting benefit of the global society.

Core values of the institution

- Quest for excellence
- Respect to human values
- Promotion to research and scientific temperament
- Environment consciousness
- Knowledge and skills for livelihood
- Global Stewardship
- Inclusiveness and tolerance

Mission

- Dissemination of education amongst the masses from rural and semi urban population
- Inculcation of basic human values like truth, honesty, character building, love towards humanity, sacrifice, social equality, nationality, national integration, fraternity and self-reliance
- Enhancement of the knowledge generating capacity and skills of the students suited to the pull of globalization
- Promotion of research attitude and scientific temperament among the youths with a view of developing intellectual society
- Women empowerment by conducting capacity fostering program
- Environmental awareness for sustainable development
- Boosting the use of information and communication technology to cope up with rapid digitalization
- Inculcation of spirit of devotion for social work for uplifting the society at large
- Development of programs providing opportunities to participates in recreational and competitive sporting activities
- To educate students from all strata of society to inculcate personal and social human values
- To inculcate personal and social human values
- To develop global competence among the students
- To generate the scientific attitude
- To build environmental consciousness and eco-friendly campus
- To endorse the ICT in teaching, learning, and research
- To run sports and cultural programs
- To carry out the extension and outreach activities

3. Institutional Profile-

AISHE ID

:C-11116

Sr. No.	College Details -	
1	Name of the College	SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA,KOLHAPUR'S LAL BHADUR SHASTRI COLLEGE OF ARTS,SCIENCE AND COMMERCE
2	Cycle of Accreditation	Cycle 4
3	Date of establishment of the Institution	01/06/1967
4	Name of the Head of the Institution	Dr. RAJENDRA V. SHEJWAL
	Designation	Principal
5	Does the college function from Own Campus	Yes
6	Address of the College	Lal Bahadur Shastri College of Arts, Science and Commerce, 17, Malhar Peth, Satara - 415002
	State/UT	MAHARASHTRA
	City	SATARA
	Pin	415002
	Phone No	02162-238050
	Mobile No	9423263832
	Registered Email	lbs_satara@yahoo.in
	Alternate Email	lal145.cl@unishivaji.ac.in
7	Alternate Faculty Contact Details	Dr. PRASHANT P. LOHAR IQAC / CIQA coordinator
	Address	G1, Bramha Residency, Rangoli Colony, Shahupuri, Satara - 415002
	State/UT	MAHARASHTRA
	City	SATARA
	Pin	415002
	Phone No	02162-237986
	Mobile No	8766592719
	Email	ppllbs2021@gmail.com
	Alternate Email	ninadkadam18@gmail.com
8	Website	www.lbscollegesatara.edu.in
9	Type of Education	Coeducation
10	Nature of the college	AIDED
11	Type of Affiliation	Permanent
12	Is the institution recognized as an Autonomous College by the UGC?	No 2(f)/12B approved
13	Is the institution recognized as a 'College with Potential for Excellence (CPE)' by the UGC?	NO

14	Is the institution recognized as a 'College of Excellence' by the UGC?	NO
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15	Program Details	
	Program	Affiliation Status
	B.Sc.(Statistics)	Temporary
	B.Sc.(Mathematics)	Permanent
	BSc(Computer Science)	Temporary
	BSc(Botany)	Permanent
	BA(English)	Permanent
	BA(Hindi)	Permanent
	BA(Marathi)	Permanent
	BA(Sanskrit)	Permanent
	BA(Political Science)	Permanent
	BA(Economics)	Permanent
	BA(History)	Permanent
	BA(Geography)	Permanent
	B.Com.(General)	Permanent
	BCom (Information TechnologyEntire)	Temporary
	B.Sc.(Chemistry)	Permanent
	BSc (Physics)	Permanent
	BSc(Microbiology)	Permanent
	BSc(Zoology)	Permanent
	MA(Economics)	Temporary
	M.Sc.(Organic Chemistry)	Temporary
	MA(Geography)	Temporary
	M.Sc.(Animal Physiology)	Temporary

16	Number of Teaching Staff by employment status (permanent / temporary) and by gender				
	TYPE	Male	Female	Transgender	Total
	Permanent	22	03	00	25
	Temporary	29	42	0	71
	TOTAL	51	45	0	96

17	Number of Non-Teaching Staff by employment status (permanent / temporary) and by gender				
	TYPE	Male	Female	Transgender	Total
	Permanent	28	00	00	28
	Temporary	14	02	00	16
	TOTAL	42	02	00	44

18	Number of Students on roll by Gender			
	Male	Female	Transgender	Total
	1134	883	01	2018

19	Does the institution have statutory cells / committees (nearly 13 to 18 committees are there)		
	Sr. No.	Name of Committee	Status

	1	Sexual Harassment	YES				
	2	Anti Ragging	YES				
	3	Grievance Redressal Committee	YES				
	4	Committee for SC/ST	YES				
	5	Minority Cell	YES				
	6	Internal Compliant Committee	YES				
	7	OBC Cell	YES				
20	Has the institution made statutory declaration on the institution website under Section 4 (1) (b) of the RTI Act 2005 as issued and amended from time to time. -Yes https://lbscollegesatara.edu.in/wp-content/uploads/2023/09/RTI.pdf						
21	Does the college have an academic MoU with any foreign institution - No						
22	Date of uploading data on MHRD website for All India Survey on Higher Education (AISHE). - 30/12/2022						
23	Facilities						
	Lab	YES					
	Library	YES					
	Hostel	NO					
24	Program Details						
	Total Number of existing Programs	Total number of programs to be proposed in next 5 years	Details of Proposed Programs				
	32	5	M. Sc. Microbiology, Botany, Physics B. B. A., M. B. A.,				
25	Student Teacher Ratio-						
	Current Student to Teacher Ratio	Proposed Student to Teacher Ratio in next 5 years	Description				
	21:1	20:1	New recruitment				
26	Demand Ratio and Vacancy Percentage of Last Five Years						
	Year	Name of the Program	Intake	Applications Received for admission	Number of Student Admitted	Demand Ratio	Percentage of Vacancy
	2018	All	2000	3000	2100	1:1.5	no
	2019	All	2000	3100	2200	1:1.5	no
	2020	All	2000	3150	2300	1:1.5	no
	2021	All	2000	3200	2400	1:1.5	no
	2022	All	2000	3300	2450	1:1.5	no
27	Gender Ratio						
	Total Number of Male Students	Total Number of female Students	Gender Ratio	Percentage of Female Students	Steps for improvement		
	1134	883	1.28:1	43.75	Awareness program on girl student education		
28	Faculty position of last five years						
	Year	Designation	Sanctioned Post	Filled Post	Percentage of Vacancy		
	2018		90	81			
	2019		87	78			
	2020		85	77			
	2021		88	80			
	2022		97	89			

29	Accreditation And Ranking <table border="1" data-bbox="228 136 1289 338"> <thead> <tr> <th>Type</th> <th>Current Status</th> <th>Current Grade/Ranking Band</th> <th>Target in next 5 years</th> <th>Steps for improvement</th> </tr> </thead> <tbody> <tr> <td>NAAC</td> <td>Accredited/Non accredited/Not eligible</td> <td>A</td> <td>A</td> <td>Proactive IQAC</td> </tr> <tr> <td>NIRF</td> <td>Participated/Not Participated</td> <td>-</td> <td>-</td> <td>IQAC made proactive</td> </tr> <tr> <td>NBA</td> <td>Accredited/Non accredited</td> <td>-</td> <td>-</td> <td>Not applicable</td> </tr> </tbody> </table>					Type	Current Status	Current Grade/Ranking Band	Target in next 5 years	Steps for improvement	NAAC	Accredited/Non accredited/Not eligible	A	A	Proactive IQAC	NIRF	Participated/Not Participated	-	-	IQAC made proactive	NBA	Accredited/Non accredited	-	-	Not applicable							
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31	Plan for Autonomy (Description in 1000 words) College plans for autonomy which involves developing a comprehensive strategy for promoting and supporting autonomy within an organization. It can enhance employee satisfaction, creativity, and productivity. Here's a framework for creating an institutional plan for autonomy: Assessment and Diagnosis: It starts by assessing the current state of autonomy within our college. Identify areas where autonomy is lacking and where it is already present. This can be done through surveys, interviews, and data analysis. Autonomy Goals: To improved employee satisfaction by providing academic freedom To improved students satisfaction by providing multiple choice opportunity To receive opportunity for better decision-making To increase the innovation in college practices To reduced micromanagement obstacles To achieve the goals of autonomy college plans to work in following areas Leadership Commitment: It secures the commitment of college leaders to the concept of autonomy. They promise to understand importance of autonomy and be willing to support its implementation. Training and Skill Development: College plans to Develop training programs to help employees and managers acquire the skills necessary to work autonomously. This includes problem-solving, decision-making, time management, and communication skills. Clear Expectations and Boundaries: College sick's to set clear expectations and boundaries for autonomous decision-making. It includes what employees can and cannot do autonomously to avoid misunderstandings. Communication and Feedback: College wishes to establish a feedback mechanism for employees to provide input and receive feedback on their autonomous actions. Regular communication channels will be open for employees to share their experiences and challenges. Trust Building: College will Foster a culture of trust within the organization. Trust is a crucial component of autonomy. Leaders will trust employees to make decisions, and employees will trust that their actions won't lead to negative consequences. Resource Allocation: College will ensures that employees get access to the necessary resources to exercise autonomy effectively. This includes tools, technology, training, and support. Recognition and Rewards: College will develop a system for recognizing and rewarding employees who excel in																															

autonomous roles. This includes financial incentives, promotions and other forms of recognition.

Performance Measurement:

College is willing to implement performance metrics that assess the impact of autonomy on the organization's overall goals. College management will monitor the effectiveness of autonomous decision-making and make adjustments as necessary.

Policies and Procedures:

College will take a review and update existing policies and procedures to align with the principles of autonomy. College will also ensure that these documents support and do not hinder autonomous decision-making.

Pilot Programs:

College will start small-scale pilot programs to test and refine our autonomy and takes initiatives before scaling them across the entire organization.

Continuous Improvement:

College will encourage a culture of continuous improvement. Regularly assess the success of autonomy initiatives and make necessary adjustments.

Legal and Ethical Considerations:

College ensure that autonomy initiatives comply with legal and ethical standards. This includes data privacy, compliance, and other legal requirements.

Education and Communication:

College will educate all employees about the benefits and principles of autonomy, and communicate the plan's progress regularly.

Feedback Loop:

College will establish a feedback loop where employees can provide suggestions and concerns related to autonomy, allowing for adjustments and improvements.

Celebrate Success:

College will celebrate and highlight successes related to autonomy within the organization to encourage positive behavior and outcomes.

Evaluation and Reporting:

College Internal Quality Assurance Cell will establish the mechanism of regular evaluation of the impact of autonomy on the college and report these findings to leadership and employees.

Creating an institutional plan for autonomy requires a commitment to change and a clear, well-communicated strategy. By following these steps and fostering a culture of trust and accountability, organizations can successfully promote autonomy and reap the benefits it can bring to their workforce and operations. Recently college forwarded the application for status of Autonomous College to affiliating Shivaji University for further consideration.

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Plan for Multidisciplinary Institutions (any one from bellow)

Cluster College	(Description in 1000 words)
Merger with Multidisciplinary HEIs	(Description in 1000 words)
To be a Constituent College	(Description in 1000 words)
Self-Reliant Multidisciplinary College	(Description in 1000 words)

Plan for Cluster College

Creating a plan for a "Cluster College" would depend on the specific goals, objectives, and resources available to the college. However, college can provide a general framework to help get started. A "Cluster College" typically refers to a higher education institution that focuses on specialized clusters or interdisciplinary programs. Here's a plan:

1. Vision , Mission, Quality statement and goal as cluster college

The quality statement of college is

Pursue of high degree of excellence imbibing human values in all endeavors

Institute is committed to provide quality education to the students cluster college enabling them to excel in the fields of Arts, Science and Commerce to cater to the changing and challenging needs of society through the following initiatives reflecting the quality policy:

Staying accountable in our core and support functions through process of self-evaluation and

continuous improvement
Inculcating moral and ethical values among the students and staff through extension and outreach programmes
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Vision

The vision of the college is to emerge as a premier institute as cluster college imparting knowledge and skills and inculcating human values at its core for the everlasting benefit of the global society.

Core values of the institution as Cluster College

Quest for excellence
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Environment consciousness
Knowledge and skills for livelihood
Global Stewardship
Inclusiveness and tolerance

Mission

Dissemination of education amongst the masses from rural and semi urban population
Inculcation of basic human values like truth, honesty, character building, love towards humanity, sacrifice, social equality, nationality, national integration, fraternity and self-reliance
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Women empowerment by conducting capacity fostering program
Environmental awareness for sustainable development
Boosting the use of information and communication technology to cope up with rapid digitalization
Inculcation of spirit of devotion for social work for uplifting the society at large
Development of programs providing opportunities to participates in recreational and competitive sporting activities

Goals

To assist all colleges under cluster to educate students from all strata of society to inculcate personal and social human values
To inculcate personal and social human values
To develop global competence among the students
To generate the scientific attitude
To build environmental consciousness and eco-friendly campus
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2. Needs Assessment:

College Identify the specific educational needs and demands our region and target market that the Cluster College can address. This includes understanding the industry, job market, and academic interests.

3. Cluster Selection:

College will determine the specific clusters from nearby parent Institute's College and interdisciplinary programs which want to offer. These will align with the needs and demands identified in the needs assessment. Considering both academic and vocational clusters.

4. Curriculum Development:

College will design innovative and relevant curricula for each cluster, integrating a combination of theoretical knowledge, practical skills, and experiential learning. College also ensure that the curriculum is flexible and adaptable to changing industry needs.

5. Faculty Recruitment and Development:

College plans to recruit faculty members with expertise in the selected clusters. Invest in their professional development to keep them updated with the latest industry trends and teaching methodologies.

6. Infrastructure and Resources:

College will allocate resources for building state-of-the-art facilities, laboratories, and technology infrastructure to support cluster-specific programs and create partnerships with local industries for hands-on training and research opportunities.

7. Admissions and Marketing:

College will develop a targeted marketing and recruitment strategy to attract students interested in the cluster-based programs. Highlight the unique advantages of the Cluster College in your marketing materials.

8. Student Support Services:

College plans to establish comprehensive support services such as career counseling, internships, co-op programs, and mentorship to help students succeed in their chosen clusters.

9. Research and Innovation:

College will encourage faculty and students to engage in research, innovation, and entrepreneurship related to the selected clusters. Foster a culture of innovation and intellectual curiosity.

10. Collaboration and Partnerships:

College will extend partnerships with local businesses, industries, research institutions, and community organizations. These partnerships will provide resources, internships, and job placement opportunities.

11. Assessment and Quality Assurance:

College developing a system for assessing the quality and effectiveness of cluster-based education. Continuously monitor and adapt programs to meet evolving needs.

12. Governance and Administration:

College will establish a governance structure and administrative framework that supports the unique demands of cluster-based education and ensure that decision-making processes are collaborative and responsive.

13. Diversity and Inclusivity:

College will promote diversity and inclusivity within the Cluster College, creating an environment where students from all backgrounds can thrive.

14. Financial Sustainability:

College create a financial sustainability plan that includes tuition models, fundraising strategies, and grants to support the institution's growth and long-term viability.

15. Continuous Improvement:

College will establish a common committee to regularly review and update the Cluster College plan, incorporating feedback from students, faculty, and industry partners and be open to making necessary adjustments as learn from your experiences.

16. Communication and Reporting:

College will maintain transparent communication with all stakeholders, including students, faculty, staff, and the broader community and report on the progress and achievements of the Cluster College.

Stringent requirements laid by UGC for the formation of a Cluster University if relaxed like

	<p>Number of Colleges to form a cluster university and its distant from lead college minimum number of student enrollment for lead college the college is ready to go for cluster universit</p>
<p>33</p>	<p>Plan for embedding Internship/Apprenticeship in Under Graduate Program (Description in 500 words)</p> <p>Embedding internships and apprenticeships in undergraduate programs is an effective way to provide students with real-world experience and enhance their career readiness. Here's a plan to integrate internships and apprenticeships into an undergraduate program:</p> <p>1. Needs Assessment:</p> <p>College will start it by conducting a thorough needs assessment to identify the industries, job markets, and specific skills that are in demand. This will help in selecting appropriate internship and apprenticeship opportunities.</p> <p>2. Program Development:</p> <p>College will create a structured program that includes a mix of internships and apprenticeships. It will define clear learning objectives and outcomes for each placement to ensure that they align with the academic curriculum.</p> <p>3. Curriculum Integration:</p> <p>College will identify areas within the academic curriculum where internships and apprenticeships will be integrated. This will involve creating credit-bearing courses that link theoretical knowledge with practical experience.</p> <p>4. Industry Partnerships:</p> <p>College will build strong partnerships with local businesses, organizations, and industries to provide a variety of internship and apprenticeship opportunities. Collaborate with these partners to develop the program and ensure that it meets their needs.</p> <p>5. Eligibility and Selection:</p> <p>College plans to establish eligibility criteria for students to participate in internships and apprenticeships. College also develop a selection process that evaluates students based on their academic performance, skills, and career goals.</p> <p>6. Preparatory Workshops:</p> <p>College will offer preparatory workshops to equip students with essential skills and knowledge before they begin their internships or apprenticeships. Topics may include resume building, interview skills, workplace etiquette, and safety protocols.</p> <p>7. Mentorship:</p> <p>College will assign mentors or advisors to students during their internship or apprenticeship experiences. These mentors will guide students, provide feedback, and offer support throughout their placements.</p> <p>8. Structured Learning Plans:</p> <p>College will work with industry partners to develop structured learning plans for each student. These plans will outline the tasks, projects, and responsibilities that students will undertake during their placements.</p> <p>9. Monitoring and Evaluation:</p> <p>College will implement a system for monitoring and evaluating the progress of students during their internships and apprenticeships. This includes regular check-ins, performance</p>

assessments, and feedback from both students and supervisors.

10. Academic Reflection:

College will integrate academic reflection assignments into the program, where students analyze their experiences, relate them to their academic coursework, and identify lessons learned.

11. Credit and Assessment:

College examination committee will define the criteria for awarding academic credit for internships and apprenticeships. The committee will use a combination of evaluations from industry supervisors and academic faculty to assess student performance.

12. Assessment and Feedback

College feedback committee will collect feedback from students, industry partners, and faculty to continually improve the program. Make necessary adjustments based on the collected data.

13. Legal and Ethical Considerations:

College management will ensure that all internship and apprenticeship opportunities comply with legal and ethical standards, including labor laws, workplace safety, and student rights.

14. Marketing and Promotion:

College will promote the internship and apprenticeship program to both students and potential industry partners. College highlights the benefits of participation and success stories.

15. Financial Support:

College finance committee will explore financial support options, including scholarships or stipends for students who may face financial barriers to participating in unpaid internships or apprenticeships.

16. Continuous Improvement:

College will maintain a commitment to ongoing improvement by staying responsive to changing industry needs, curriculum adjustments, and student feedback.

17. Reporting and Documentation

College Internal Quality Assurance Cell will document the outcomes and successes of the internship and apprenticeship program. It shares these achievements with the university administration and the wider community.

Embedding internships and apprenticeships in undergraduate programs not only enhances the educational experience but also prepares students for a successful transition to the workforce. So college will regularly assess the program's effectiveness and make adjustments to ensure its continued relevance and success.

Scholarship/Financial Support

Type	Number of Beneficiaries	Amount Disbursed	Target of growth in Scholarship/ Financial Support in next 5 years (Number of Beneficiaries)
Central Government	78	780000	100
State Government	7182	48402210	9000
University	11	100000	20
Scholarship/ Financial Support from college	875	489610	1500
Other agencies			
Total	8146	49771820	

Strategies to improve Scholarship/ Financial Support from college and other agencies	(Description in 500 words)
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Strategies to improve Scholarship/ Financial Support from college and other agencies

Creating and implementing effective strategy to improve scholarship and financial support for college students is crucial for promoting access to higher education and reducing the financial burden on students and their families. Here is a framework for developing such strategies:

Needs-Based Financial Aid Programs:

College will establish and expand need-based financial aid programs to ensure that students from low-income and middle-income families have access to financial support.

College will also take care of regularly updating income thresholds and criteria to account for inflation and changing economic conditions.

Merit-Based Scholarships:

College has develops and maintain merit-based scholarship programs to recognize and reward academic excellence, leadership, and extracurricular achievements.

College also considers offering scholarships for students in specific fields or disciplines where there is a demand for skilled professionals.

Diverse Scholarship Opportunities:

College will promote diversity and inclusion by offering scholarships and financial support to underrepresented and marginalized groups, including minorities, LGBTQ+ students, and students with disabilities.

College also encourages private organizations and corporations to sponsor scholarships focused on diversity and inclusion.

Streamlined Application Processes:

College simplifies the application process for scholarships and financial aid to reduce the administrative burden on students and their families.

College also considers using a common application platform for multiple scholarships to streamline the process further.

Transparency and Information Dissemination:

College provides clear and easily accessible information about available scholarships and financial aid programs in college prospect and web site.

College offers workshops and training programs to help students and their families understand the application process and financial aid options. For this college employs mentor mentee scheme up to successful effectiveness

Renewable Scholarships:

College allows implementing renewable scholarship programs to support students throughout their entire college journey, rather than just for their first year.

College establishes clear and achievable renewal criteria to ensure continued funding.

Community College Scholarships:

College offers scholarships specifically tailored to students attending community colleges and associated courses and programs, which often have lower tuition but still face financial challenges.

College encourages partnerships between community colleges and local industries to provide targeted financial support for in-demand skills training.

Private and Public Partnerships:
College collaborates with private organizations, corporations, and philanthropic foundations, alumni to create and fund for scholarships.

College plans to establish partnerships with state and central agencies to maximize financial aid opportunities.

Work-Study Programs:
College expands work-study programs to provide students with part-time employment opportunities on or off-campus, allowing them to earn money while gaining work experience.

Loan Forgiveness Programs:
College develops loan forgiveness programs for graduates who enter public service, education, or other critical fields. These programs can help reduce student debt burdens.

Financial Literacy Education:
College implements financial literacy education programs to help students make informed decisions about loans, scholarships, and personal finance.
It includes information on budgeting, debt management, and long-term financial planning.

Periodic Evaluation and Adjustments:
College Internal Quality Assurance Cell continuously evaluates the effectiveness of scholarship and financial aid policies and makes necessary adjustments based on changing economic conditions and the needs of students.
For this it Seeks feedback from students and higher education institutions to identify areas for improvement.

Engage Stakeholders:
College involves students, parents, educators, and financial aid professionals in the policymaking process to ensure that policies align with their needs and expectations.

Legislation and Regulation:
College seeks advocate for legislation and regulations that support affordable higher education and allocate funding for scholarship and financial aid programs.

Data Collection and Analysis:
College Internal Quality Assurance Cell collects and analyzes data to monitor the impact of scholarship and financial aid policies on student access and success.
Creating and implementing these strategies has significantly improve scholarship and financial support for college students, making higher education more accessible and reducing the financial barriers, that often deter students from pursuing their educational goa

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Faculty Achievements

Particulars	Present Count (last 5 years)	Target Count (Next 5 years)
Number of Books published	42	70
Number of Chapters published	12	25
Number of Research Articles published in Journals listed in Scopus database	104	205
Number of Research Articles published in Journals listed in UGC	135	200

CARE LIST		
Number of Patents awarded	03	05
Number of Research Projects and Funding in last 5 years and name of agencies	08	13
Consultancy		

Steps for improvement	(Description in 500 words)
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Steps for faculty achievement improvement

Improving the quality of faculty is crucial for enhancing the overall educational experience and reputation of an academic institution. The college will follow following steps to help improve the quality of faculty in term of Number of Books published, Number of Chapters published, Number of Research Articles published in Journals listed in Scopus database, Number of Research Articles published in Journals listed in UGC CARE LIST, Number of Patents awarded, Number of Research Projects Funding

1. Attract and Recruit Top Talent:

College will develop a comprehensive faculty recruitment strategy to attract the best candidates. Offer competitive compensation packages and benefits.

Collaborate with professional networks and use online platforms for faculty recruitment.

2. Establish Rigorous Hiring Criteria:

College will establish rigorous hiring consider a balanced mix of qualifications, including academic achievements, teaching experience, research, and industry expertise.

3. Create a Diverse Faculty:

College will encourage diversity in faculty recruitment to ensure varied perspectives and inclusivity.

Implement inclusive hiring practices and policies to attract faculty from diverse backgrounds.

4. Support Professional Development:

College will develop a faculty development program that includes workshops, seminars, and resources for continuous improvement.

Encourage faculty to pursue advanced degrees, certifications, and research opportunities.

5. Mentorship and On boarding:

College will assign experienced faculty mentors to newly hired faculty members.

Provide thorough onboarding programs to introduce them to the institution's culture, policies, and procedures.

6. Performance Evaluation and Feedback:

College will implement a robust faculty evaluation system, including student evaluations and peer reviews.

Offer regular feedback and constructive reviews to help faculty grow in their roles.

7. Encourage Research and Scholarship:

College plans to create an environment that promotes faculty research and scholarship.

Allocate resources for research grants, conference attendance, and publishing.

8. Faculty Collaboration:

College Fosters an environment that promotes collaboration among faculty members.

Encourage interdisciplinary research and teaching collaborations.

9. Recognition and Rewards: -

College will recognize and reward faculty for their achievements, whether it's through merit-based salary increases, awards, or promotions. - Establish a culture of appreciation and acknowledgment.

10. Work-Life Balance: -

College will support faculty in achieving a healthy work-life balance. - Offer flexible work arrangements and consider workload management.

11. Academic Freedom: -

College safeguard academic freedom, allowing faculty members the autonomy to pursue research and express their ideas freely.

12. Assessment and Continuous Improvement: -
 College will regularly assess the quality of faculty through student outcomes, research impact, and feedback. - Use the data to make informed decisions about faculty development and program enhancements.

13. Professional Ethics and Integrity: -
 College uphold and communicate the institution's standards for professional ethics and integrity. - Address any violations promptly and fairly.

14. External Peer Review: -
 College will conduct external peer review for departments or programs to ensure alignment with best practices. - Collaborate with accreditation bodies for external evaluations.

15. Research and Best Practices: -
 College remain stay informed about best practices in higher education and faculty development. - Implement research-informed strategies to enhance faculty quality.

16. Long-Term Planning: -
 College will develop a long-term faculty development and quality improvement plan that aligns with the institution's strategic goals.

17. Transparency and Accountability: -
 Maintain transparency in faculty recruitment, evaluation, and promotion processes. - Ensure that accountability mechanisms are in place to address issues of quality.
 Improving the quality of faculty requires a multifaceted approach that encompasses recruitment, professional development, recognition, and ongoing assessment. It's essential to create a supportive and nurturing environment for faculty members, which, in turn, benefits the institution as a whole.

18. Promotion for research proposal :
 College will motivate faculty for applying to various funding agencies for different research projects

36	Academic Bank of Credits-		
	Name of the Program	Number of students admitted in First Year	Number of Students registered in Academic Bank of Credits
	B.A.	283	283
	B.Com.	250	250
	B.Sc.	322	322
	M.Sc. Chemistry	64	64
	M.Sc. Zoology	15	15
	M.A. English	10	10
	M.A. Marathi	05	05
	M.A. Hindi	10	10
	M.A. Economics	27	27
	M.Com.	54	54
Total	718	718	

37	BLENDED LEARNING FACILITIES				
	A. LMS -NO				
	If → YES				
	Number of Programs on LMS	Existing		Target in next 5 years	
Number of Faculty registered on LMS		Number of Students registered on LMS	Number of Faculty registered on LMS	Number of Students registered on LMS	

If → NO (Description in 500 words)

Though there is demand of use of learning management systems use for blended teaching learning process but due to its high cost college decided to use free alternative of LMS available on Google platform like Google classroom since 2021-22. The details are as follows

Blended learning combines traditional classroom instruction with online learning. Google Classroom is a versatile platform that can support various aspects of blended learning. Here's how to create blended learning facilities using Google Classroom:

1. Setting up Google Classroom:

Various faculty members from Arts, science and commerce departments Create a Google Classroom for each program year wise and subject wise. Using college separate email ids. The teachers and students from particular group of subject are letter added in classroom

2. Course Content and Materials:

The teachers Upload and organize course materials, including lecture notes, presentations, assignments, and reading materials within Google Classroom.

3. Communication and Collaboration:

Teachers utilize Google Classroom for communication and collaboration. Students can post questions, participate in discussions, and work on group projects within the platform.

Teachers encourage to use of Google Docs, Sheets, and Slides for collaborative assignments.

4. Online Assessments:

Teachers create and distribute quizzes, tests, and assignments through Google Forms, which is integrated with Google Classroom.

Enable automatic grading and provide timely feedback.

5. Announcements and Updates:

Teachers look after to keep students informed about class updates, important dates, and announcements through the "Stream" section. Regularly post updates and reminders.

6. Synchronous Sessions:

Teachers also host live virtual classes using Google Meet/zoom meeting. Schedule and join video meetings directly from Google Classroom.

They record and archive meetings for students who may miss the live sessions.

7. Flipped Classroom Approach:

Teachers encourage students to review course materials and lectures independently before in-person class sessions, freeing up classroom time for active discussions and activities.

8. Differentiated Instruction:

Teachers made Tailor instruction to individual students needs by providing supplementary resources and assignments based on performance and progress.

9. Mobile Accessibility:

Teachers ensure that students can access Google Classroom on mobile devices, making it convenient for them to engage with content and activities.

10. Data and Analytics: -

Teachers also use Google Classroom's analytics to track student engagement and performance. Identify students who may need additional support.

11. Parental Engagement: -

Teachers also invite parents or guardians to Google Classroom as observers. This allows them to monitor their child's progress and stay informed about class activities.

12. Resource Sharing: -

Teachers encourage students to share additional resources or articles related to the course material on Google Classroom, fostering a collaborative learning environment.

13. Integration with Other Tools: -

Teachers also integrate other educational tools and apps into Google Classroom, such as Google Drive, YouTube, and third-party apps that enhance learning experiences.

14. Accessibility and Inclusivity: -

Teachers ensure that all course materials and content are accessible to students with disabilities. Google Classroom has features to support accessibility.

15. Training and Support: -

College Internal Quality Assurance Cell provide training and support to both faculty and students on how to use Google Classroom effectively. Offer resources, tutorials, and guidance.

16. Feedback and Improvement: -

College Internal Quality Assurance Cell collect feedback from students and faculty to continuously improve the blended learning experience. Make adjustments based on their input.

1. Security and Privacy: -

Every Teacher ensure the security and privacy of student data by implementing appropriate settings and permissions, and by complying with data protection regulations

B. SWAYAM / Other MOOCs

Name of Courses on SWAYAM / Other MOOCs	Existing		Target in next 5 years		Steps for improvement
	Number of Students registered on SWAYAM / Other MOOCs	Number of Students appeared for examination under SWAYAM / Other MOOCs	Number of Students to be registered on SWAYAM / Other MOOCs	Number of Students to be appeared for examination under SWAYAM / Other MOOCs	
Soft Skills	09		15	15	To aware the students and importance of online courses
Research Methodology	02		10	10	
Remote Sensing And GIS	04		10	10	
Developing Soft Skills and Personality Development	03		10	10	
Analytical Chemistry	17	11	24	24	
Introductory Organic Chemistry II	18	10	25	25	
Food packaging technology	07		12	12	
Income Tax and Practices	05		12	12	
Business Fundamentals of Entrepreneurship	44		60	60	
Data analysis	10		12	12	
Software Conceptual Design	11		15	15	
Genome Editing and Engineering	16	01	20	20	
Yoga & Positive Psychology For Manging Career & Life	14		15	15	
Food	50		70	70	

Preservation Technology						
C. e-Content development facility						
Total number of e contents developed by faculties		Total number of e contents to be developed by faculties in next 5 years		Steps for improvement		

38	<p>Environment Awareness Program</p> <p>A. Rain Water Harvesting (upload file and description in 500 words)</p> <table border="1" style="margin-left: 20px;"> <tr> <td style="width: 50%;">Present Status</td> <td style="width: 50%;">Target in next 5 years</td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>Rain Water Harvesting</p> <p>Rainwater harvesting is the process of collecting and storing rainwater for various uses, such as irrigation, domestic, and industrial purposes. It's an environmentally sustainable practice that can help conserve water resources and reduce the strain on conventional water supplies. Here are the key steps college has taken to implement rainwater harvesting:</p> <ol style="list-style-type: none"> 1. Site Assessment: College evaluates our property to identify suitable areas for rainwater harvesting. Consider factors like roof size, rainfall patterns, and available space for storage tanks. 2. Collection System Design: College has installed a collection system on our roof. Common components include gutters, downspouts, and a filter to ensure collection of clean water in college's rain water harvesting tanks. College ensure that the roofing material is safe for harvesting rainwater. 3. Rainwater Filtration: College use a first flush diverter or a filter to remove debris and contaminants from the initial runoff. This ensures that the stored rainwater is of high quality. 4. Storage Tanks: College has prepare water storage tanks or cisterns to store collected rainwater. The size of the tank is sufficient to our water needs and available space. Tanks are made of cement materials and sealed to prevent contamination. 5. Overflow Management: College staff takes care of an overflow system to manage excess rainwater during heavy rainfall. This can be directed to drainage systems and also used to recharge the ground. 6. Pumping System: Depending on our needs, college staff frequently requires a pump system to distribute collected rainwater to various points of use, such as garden irrigation, building top tanks or toilet flushing. 7. Water Quality Maintenance: College conduct regularly cleanliness and maintenance of the rainwater harvesting system by professionals to ensure the water remains safe and clean for its intended use. 8. Legal and Regulatory Considerations: College take care of Check local regulations and obtain any necessary permits and approvals for rainwater harvesting. 9. Education and Outreach: - College takes efforts to educate society members or users about the rainwater system, including its benefits, maintenance requirements, and water conservation practices by taking various outreach activities in nearby community. 10. Rainwater Conservation Practices: - College will design and implement water-saving practices to reduce water consumption, thereby optimizing the use of harvested rainwater. 11. Community Engagement: - College Encourage neighbors and the community to adopt rainwater harvesting practices to increase water conservation and environmental benefits. 	Present Status	Target in next 5 years		
Present Status	Target in next 5 years				

12. Drought Preparedness: -

During periods of drought or water scarcity, rainwater harvesting can serve as a valuable backup source of water. So college popularizes the use of rain water harvesting system in community and organizations

Rainwater harvesting is an eco-friendly practice that not only conserves water but also reduces the burden on municipal water supplies. When properly designed and maintained, it can provide a sustainable and reliable source of water for various needs while contributing to water conservation efforts.

B. Circular Economy (upload file and description in 500 words)

A circular economy is an economic model and system that aims to maximize resource efficiency and minimize waste. In contrast to the traditional linear economy, which follows a "take-make-dispose" pattern, a circular economy is designed to create a closed-loop system where products, materials, and resources are kept in use for as long as possible and then repurposed or recycled when they reach the end of their life cycle. The concept of a circular economy is rooted in sustainable and environmentally conscious practices. The college decided to implement the core idea of circular economy, while designing various academic programs and courses to boost, local economy with objective of minimum waste generation. Here are key principles and Strategies College will adopt and conduct awareness programs which are associated with a circular economy:

1. Concept of Design for Longevity:

By communicating with collaborating industry partner it ensures industrial products are designed with durability, reparability, and upgradability in mind, extending their lifespan and reducing the need for frequent replacements.

2. Awareness programs on Reuse and Repair:

College encourages the reuse and repair of products and components to prolong their life by conducting awareness programs in community. College also promotes and popularize Repair shops, refurbishment centers, and second-hand markets play essential roles.

3. Awareness program on Remanufacturing:

College organizes programs to promote the use of disassembled, refurbished, and reassembled products to meet original or even better-than-original quality standards.

4. Awareness program on Recycle and Recover:

.Recycling minimizes the extraction and consumption of raw materials. The practice is made as integral part of college purchase policy. Waste Reduction: Strive to minimize waste generation by optimizing processes and encouraging responsible consumption.

6. promotion of use of Sustainable Materials:

Prioritize the use of sustainable and renewable materials, and avoid or phase out hazardous or non-recyclable materials.

7. Sharing Economy:

Promote the sharing of products and resources through sharing platforms, collaborative consumption, and rental services to reduce individual ownership and demand for new products.

8. Digital Technologies:

Leverage digital technologies like the Internet of Things (IoT) and block chain for better resource tracking, maintenance, and end-of-life product management.

9. Closed-Loop Supply Chains:

Develop supply chains that focus on the efficient and sustainable use of resources, including reverse logistics for product take-back and recycling.

10. Product as a Service (PaaS): - Offer products and services through a subscription or leasing model, where the manufacturer retains ownership and responsibility for maintenance and

recycling.

11. Extended Producer Responsibility (EPR): - Shift responsibility for managing a product's end-of-life phase to the manufacturer. This includes taking back and recycling products.

12. Circular Business Models: - Encourage businesses to adopt circular business models, such as product-as-a-service, resale and leasing, and the incorporation of sustainability practices into their operations.

13. Government Regulations and Incentives: - Governments play a role in promoting a circular economy through regulations, tax incentives, and by setting standards for recycling and sustainable practices. College promotes such initiatives by Government

14. Consumer Awareness and Education: - Raise awareness and educate consumers about the benefits of a circular economy and encourage them to make more sustainable choices.

15. Collaboration and Partnerships: - Foster collaboration with industries, businesses, governments, and non-governmental organizations to drive innovation and implement circular economy practices.

The circular economy is seen as a solution to resource depletion, environmental degradation, and waste generation associated with the linear "take-make-dispose" model. The college by promoting the responsible use of resources, minimizing waste, and reusing materials, a circular economy can contribute to sustainability and a more environmentally friendly and economically efficient future.

C. Village Adoption (upload file and description in 500 words)

Present Status	Target in next 5 years
05	07

Unnat Bharat Abhiyan has been launched by the Ministry of Human Resource Development, Government of India. The main objective of this initiative is to achieve sustainable development of villages by implementing various schemes under Unnat Bharat Abhiyan to rural areas. For that, the aim is to connect the higher education institutions with the villages and make a prosperous rural India through the transfer of information.

We are pleased to inform you that our college has been selected by the Ministry of Human Resource Development, Government of India to implement this initiative. For this activity we have selected a total of five villages in Satara taluka.

Under the Unnat Bharat Abhiyan, Village survey was conducted on February 03, 2023. 22 Volunteers from Geography Department participated in this program. Nearly 90 families was covered with the help of a detailed questionnaire. Kushi is an agricultural village, most of the people in the village are engaged in agriculture. Satara city is 9 km from this village. it is observed that there is no bus facility in this village. Although the National Highway is at a distance of one and a half kilometers from the village, there are no other vehicle facilities to reach the village. People have to use their own private vehicles. Although the internal road in the village is unpaved, the road connecting the village to the highway is paved. The total length of the road is 2.5 km.

In the Kushi, village, water conservation survey was conducted on 03-02-2023 for which 40 students participated. This survey UBA Coordinator Prof. Dr. P. R. Jadhav cooperation was completed. This village has various water sources. But the duration of water supply is different, only 36 percent of agriculture gets water supply for twelve months, 30 percent of agriculture gets water supply for only four months, 18 percent of agriculture gets water supply for eight months and 16 percent of agriculture gets water supply for six months, that is, most of the agriculture is seasonal.

The various irrigation methods used for agriculture in Kushi. The drip irrigation is the most common, 44 percent is drip irrigation and only For this activity, Dr. R. V. Shejwal, Principal of the college, gives Valuable guidance regarding village survey.

Under the Unnat Bharat Abhiyan, the village of Nagewadi village. A village survey was conducted on 03 February 2023. Volunteers from the Geography Department participated in this. Pvt. N. This village was completed with the help of Dr. P. R. Jadhav. Detailed information was collected through a detailed questionnaire of about 80 families. Agriculture, Cropping pattern, Irrigation system, modern techniques of irrigation and methods of irrigation was taken into account in the survey. Nagewadi is a agricultural village, most of the people in the village do farming business. The town of Satara is 7km from this village. In the distance, even though the infrastructure is in the village, it does not appear to have a government bus facility. Although the national highway is one and a half kilometers away from the village, there is no other vehicle to reach the village. People have to use their own private vehicles. Although the internal road in the village is rough, the road connecting the highway through the village is a sure form. The total road length is 2.5 km.

The village, Nagewadi has a cultural facility, a public playground, a public restroom and three in number. There are also temples of different castes and religions in the village. There is an elementary school in the village of Nagewadi, where there is access to education up to Seventh, and then for the secondary education, one has to travel 2 km outside the village.

Ministry of Human Resource Development, Government of India have selected that our college to implement this abhiyan. We have adopted five clusters of villages in the district of Satara. Out of which one is in Pogarwadi village. Some of the activities carried out are given below

The Household and village level surveys were conducted. A village meeting of Gram Sabha was organized to discuss the UBA's objectives and plans. The Gram Sabha was well

attended by all, irrespective of gender and cast. Ward members provided their valuable inputs to get a clear picture of the entire village. The team completed the household survey of the entire villages, by going door-to-door in 1 days. The basic information was collected and specific problems faced by villagers were identified. The basic objective was to obtain the information about the present scenario of the village, the availability of resources and major issues related to these resources, basic infrastructure and amenities in the village. The villagers shared the information and participated in preparing a development plan for the village.

Some Other Activities Undertaken

PHYSICOCHEMICAL CHARACTERIZATION OF WATER SAMPLES:

Samples of Ground Water from various boar wells, hand pump, River water and Supplied Water were tested in our laboratory by different parameter like Total Hardness, Temporary Hardness, P^H, Conductivity of Water and Chlorides. Suggested to using the water for drinking.

PHYSICOCHEMICAL CHARACTERIZATION OF SOIL SAMPLES:

It is most essential to obtain a representative sample of soil from an area in any study. A composite sample or an area is normally preferred. However the sample to be composited will depend on the variability of the soil. For general ecosystem study for nutrients dynamics and in agricultural system a profile sampling of greater depths is required. The surface sediment samples from the water bodies one collected with the help of dredges. After collection of soil/sediment sample are transported to the laboratory and are spread for air drying. After proper drying of soil large stones and other similar objects are removed and soil is ground to break up aggregates and used for analysis. Content of Soil ie Iron Conductivity Sulphates Hardness and P^H were tested in our laboratory.

A village Socio-economic survey was conducted on December 21st Feb 2023. With the help of Volunteers from Chemistry Department students village survey was completed by Prof. Dr. (Mrs) R. A. Nalawade. Socio-economic survey of women was conducted through a detailed questionnaire of about 60 families of the village. Most of the women go to farming & other works like poltry farming, cattle dairy farming e.t.c.

We have done meetings with village sarpanch- Mrs Vaishali More and stakeholders and also carried out health awareness programs . We have also organized gramsabha with village official and heard problems faced by the people about their needs. We also want to prepare village development plan in consultation with villagers. We have also prepared detail report and want to done documentation of village project work. We also visited school in village & Head-master of School. We understood their problems.

D. **Green Audit/ Energy Audit** (upload file and description in 500 words)

1. Introduction:

Green Audit is a process of systematic identification, quantification, recording, reporting and analysis of components of environmental diversity of institute. It aims to analyze environmental practices within and outside of the concerned place, which will have an impact on the eco-friendly atmosphere. Green audit is a valuable means for a college to determine how and where they are using the most energy or water or other resources; the college can then consider how to implement changes and make savings. It can create health consciousness and promote environmental awareness, values and ethics. It provides staff and students better understanding of Green impact on campus. If self-enquiry is a natural and necessary outgrowth of a quality education, it could also be stated that institutional self-enquiry is a natural and necessary outgrowth of a quality educational institution. Thus it is imperative that the college evaluate its own contributions toward a sustainable future. As environmental sustainability is becoming an increasingly important issue for the nation, the role of higher educational institutions in relation to environmental sustainability is more prevalent.

1.1 General

Name:LALBAHADURESHASTRICOLLEGE OF ARTS, SCIENCE & COMMERCE

Address:17, MALHARPETH, SATARA. Pin 415002.

Mail:lbs_satara@yahoo.co.in,

Website:www.lbscollegesatara.edu.in

Ph.No. 02162/237986.

Latitude & longitude:NL:17° 41'7" EL:73° 59'46".

Altitude:823m from seashore.

Available Area of the facility:0.6 Acres

Population:

Teaching Staff and Non

teaching Staff:150 Students:2451.

Facilities:

- a. Total built up area around 3764 square meters.
- b. Numerous Classrooms are available for variety of the classes.
- c. Adequate number of sanitary facilities separate for male candidates and female candidates, Staff males and females are provided.

- d. Number of Stack rooms, study rooms are provided
- e. Two libraries are available with lot of book collections and chronicles.
- f. Various laboratories as per the subject requirements for chemistry, microbiology, biology, physics etc are also provided.

1.2 Environmental Management Program:

Annually Rs. 50000/- budget is allocated towards environmental protection and pollution prevention activities. This includes plantation, monitoring expenses, treatment recurring cost etc. in addition to this, whenever there is any specific project or capital expenditure required for environmental protection, then institute provides it as per the needs.

1.3 Environmental Policy

Lal Bahadur Shastri College of Arts, Science & Commerce, Satara shows its sensitivity towards the environment by establishing its environmental policy.

The aims of the policy

The policy aims to eliminate or reduce all forms of environmental pollution and encourages all faculty members, staff, students and other stakeholders to do the same.

The college always raises awareness of environmental issues among its staff/students/stakeholders and encourages initiatives leading towards a clean environment. Its academic departments, NSS unit, NCC units and Women Cell work towards this aim collectively.

The policy promotes the 3 R's for waste in the following order: Reduce, Reuse and Recycle and provide convenient waste collection points and guidance for the disposal of

- a. Paper
- b. Cardboard
- c. Glass
- d. Plastic
- e. Electrical items and white goods
- f. Hazardous waste
- g. e-wastes

The college aims to minimize the consumption of water and thereby to contribute to the proper use of the natural resource by the following ways:

- a. Encouraging to report leaks and rectifying them promptly
- b. Progressively replacing/supplementing water-taps in the staff room, washroom, etc. if needed.
- c. Exploring options for using waste/roof water wherever possible
- d. Establishing rain water harvesting schemes in the old buildings of the campus
- e. Minimize the consumption of electricity where opportunities arise by
- f. Progressive replacement of light bulbs with energy efficient ones
- g. Encouraging staff to turn off electrical appliances when not in use
- h. Conserving energy by promoting the use of daylight
- i. Conducting frequent preventive and corrective maintenance

1.4 Step taken and mechanism

- a. The college adapts health, safety, and environment based codes of practice and relevant guidance and complies with legislation relating to the use of chemical products.
- b. The college has planned for hybrid (solar/wind) power systems on the campus.
- c. The college campus is completely free from plastic bags and cups.
- d. Waste bins are placed at appropriate locations to maintain a clean and tidy campus.
- e. Green initiatives are taken by developing a plantation through adequate plantation by the college NSS Unit and the maintenance cell.
- f. The arrangement to set off the fire causing environmental damage by setting the fire extinguishers at different places on the premises.
- g. Nature club and botany department work towards a green initiative at the college campus.

2. Audit Scope

The audit is carried out for the activities carried out at LALBAHADURESHASTRICOLLEGE OF ARTS, SCIENCE & COMMERCE located at 17, MALHARPETH, SATARA. Pin 415002.

3. Audit Criteria

- a. Applicable guidelines of NAAC
- b. Applicable Environmental Legislation
- c. Best environmental practices

4. Audit Objective

	<p>In line with the audit definition, the objective of the audit is to have systematic, periodic,plannedevaluationagainstobjective evidencesandreportingtheresultstothe management as per the focus of the audit. Green Audit focuses on the basis of theenvironmentalsustainability interms ofapplicableenvironmental elements likeAir,Water, Land,Flora, Fauna, Natural resources and Human being. The very objective ofthis audit is to evaluate the institutes green performance based on the focus indicators</p> <p>asstatedaboveinviewofthegoaltowardsEnvironmentalSustainability,applicablelegislation,environmentalpoliciessand standards.</p> <p>In recent time, the Green Audit of an institution has been becoming a paramount important for self-assessment of the institution which reflects the role of the institution in mitigating the present environmental problems. The college has been putting efforts to keep our environment clean since its inception. Therefore, the purpose of the present green audit is to identify, quantify, describe and prioritize framework of Environment Sustainability in compliance with the applicable regulations, policies and standards.</p> <p>Thegreenauditobjectivescanbestatedasfollows;</p> <ol style="list-style-type: none"> a. Toreviewtheknowledgeandawarenessconcernsoftheinstituteforthejourneyofsustainability. b. Toreviewtheeffortsmadetoprotecttheenvironmentbypreventingpollutionandconservingthenatural resourcesbeingused inthecampus. c. Toestablishabaselinedatao assess futuresustainabilityandavoidheavyenvironmentaltolls. d. To bringout astatusreportonenvironmentalcompliance e. Toassesstheenvironmentalperformanceandreportittomanagement/authorities.
39	<p>Implementation of National Programs(Description in 1000 words) (List from DSW section)</p> <p>Implementation of National Programs</p> <p>The implementation of national programs by a college's Department of Student Welfare (DSW) involves coordinating and facilitating various initiatives and activities to support students and promote the objectives of these programs. Here are the steps to effectively implement national programs through the DSW of a college:</p> <ol style="list-style-type: none"> 1. Program Identification: College Identify the relevant national programs that align with the college's goals and student welfare objectives. These programs are covering areas like health, skill development, employment, and social inclusion.

2. Program Coordination:

College appoints a dedicated program coordinator within the DSW to oversee the implementation of each national program. This individual will serve as a point of contact for students and program authorities.

3. Student Awareness:

College promotes awareness of the national programs among students by organizing orientation sessions, workshops, and informational campaigns. Thus ensure students understand the benefits and eligibility criteria.

4. Application and Enrollment:

College assists students in the application and enrollment process for these programs, providing guidance on the required documents and procedures.

5. Documentation and Compliance:

College ensures all necessary documentation is in place for program applications. Verify that students meet the eligibility criteria and that the college is in compliance with program guidelines.

6. Outreach and Recruitment:

College Collaborates with relevant agencies or organizations involved in the programs to promote outreach and recruitment. This include job fairs, skill development workshops, and health camps.

7. Monitoring and Support:

College Internal Quality Assurance Cell Regularly monitors the progress and participation of students in these programs. Provide support, guidance, and mentorship to ensure their success.

8. Networking and Partnerships:

College develops partnerships with governmental and non-governmental organizations to strengthen the support system for students. Collaborate with these partners for the effective implementation of national programs.

9. Record Keeping:

College Internal Quality Assurance Cell Maintain accurate records of students' participation and achievements in these programs. This data can be used for reporting and evaluating the impact of the programs.

10. Reporting and Evaluation: -

IQAC prepares periodic reports on the implementation of national programs, including the number of students involved, their progress, and any challenges faced. Share these reports with program authorities.

11. Feedback Mechanism: -

Establish a feedback mechanism that allows students to provide input and suggestions regarding the national programs. Use this feedback to make improvements.

12. Financial Management: -

Manage financial aspects, including budget allocation for national program activities, if required. Ensure transparency and accountability in financial transactions.

13. Skill Development and Training: -

Provide students with additional skill development and training opportunities that complement the national programs, making them more competitive in the job market.

14. Legal Compliance:

- Ensure that the college is in full compliance with the legal and administrative requirements of the national programs.

15. Continuous Improvement: -

Continuously assess the effectiveness of the national program implementation and make necessary improvements to enhance student welfare and support.

16. Data Security and Privacy: -

Safeguard the privacy and confidentiality of student data and information related to the national programs in accordance with relevant data protection regulations.

17. Collaboration with Faculty and Staff: -

	<p>Engage college faculty and staff in supporting the national programs, whether through academic advising, referrals, or mentorship.</p> <p>18. Student Engagement: - Encourage active student participation in program-related activities, events, and volunteering opportunities.</p> <p>By effectively implementing national programs through the DSW, colleges provides valuable support and opportunities to students, helping them achieve their academic, career, and personal goals. This, in turn, contributes to the overall development and success of the institution and its students.</p>
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40	Achievements in Sports							
	Level	Number of Students Participated in last 5 years	Number of Students received Medals in last 5 years	Medals Target in next 5 years	Steps for improvement			
	University	230	130	200	Efforts taken towards increasing number of participant and winner			
	State	120	45	70				
	National	30	12	22				
	International	5	03	10				
41	Achievements in NSS/NCC							
	Level	Number of Students Participated in last 5 years	Number of Students received Medals in last 5 years	Medals Target in next 5 years	Steps for improvement			
	University	50	10	20	Efforts taken towards increasing number of participant and winner			
	State	30	05	15				
	National	10	03	10				
42	Achievements in Cultural Activities							
	Level	Number of Students Participated in last 5 years	Number of Students received Medals/Prizes/Ranks/Certificates in last 5 years	Medals/Prizes/Ranks/Certificates Target in next 5 years	Steps for improvement			
	University	134	05	10	Efforts taken towards increasing number of participant and winner			
	State							
	National							
	International							
	Special efforts for Preservation/Conservation of Local /Regional Cultural Heritage - (Description in 500 words)							
43	Academic Achievements							
	Program	Distinction	First Class	Second Class	Pass Class	Fail	Total	Success Rate
	B.A.	10	22	30	00	89	151	41.5%
	B.Com.	18	46	10	06	178	258	30.62%
	B.Sc.	80	68	40	08	43	239	82.00%
	M.Sc. Chemistry	02	08	05	01	25	41	39.2%
	M.Sc. Zoology	00	00	00	00	00	04	00
	M.A. English	01	03	02	00	05	11	54%
	M.A. Marathi	04	02	02	01	00	09	100%
	M.A. Hindi	01	02	01	00	02	06	80%
	M.A. Economics	02	02	01	00	17	23	26%
	M.Com.	03	02	02	00	31	38	18%
	Total	121	155	93	16	394	780	49.48%

44	Academic Audit <table border="1" data-bbox="220 107 933 199"> <tr> <td data-bbox="220 107 400 165">Current Grade</td> <td data-bbox="408 107 667 165">Future Plan for improvement</td> <td data-bbox="675 107 933 165">Target Grade for next Cycle</td> </tr> <tr> <td data-bbox="220 165 400 199">A</td> <td data-bbox="408 165 667 199">A</td> <td data-bbox="675 165 933 199">A</td> </tr> </table>				Current Grade	Future Plan for improvement	Target Grade for next Cycle	A	A	A				
Current Grade	Future Plan for improvement	Target Grade for next Cycle												
A	A	A												
45	Academic And Administrative Audit <table border="1" data-bbox="220 232 933 324"> <tr> <td data-bbox="220 232 400 291">Current Grade</td> <td data-bbox="408 232 667 291">Future Plan for improvement</td> <td data-bbox="675 232 933 291">Target Grade for next Cycle</td> </tr> <tr> <td data-bbox="220 291 400 324">A</td> <td data-bbox="408 291 667 324">A</td> <td data-bbox="675 291 933 324">A</td> </tr> </table>				Current Grade	Future Plan for improvement	Target Grade for next Cycle	A	A	A				
Current Grade	Future Plan for improvement	Target Grade for next Cycle												
A	A	A												
46	Incubation and Start-Ups Incubation and Start-Ups → YES <table border="1" data-bbox="220 421 1374 607"> <thead> <tr> <th data-bbox="220 421 395 512">Present number of Incubates</th> <th data-bbox="403 421 651 512">Present number of successful Start-Ups</th> <th data-bbox="659 421 866 512">Target number of Incubates in next 5 years</th> <th data-bbox="874 421 1145 512">Target number of Successful Start-Ups in next 5 years</th> <th data-bbox="1153 421 1374 512">Steps to Improve</th> </tr> </thead> <tbody> <tr> <td data-bbox="220 512 395 607">10</td> <td data-bbox="403 512 651 607">3</td> <td data-bbox="659 512 866 607">50</td> <td data-bbox="874 512 1145 607">25</td> <td data-bbox="1153 512 1374 607">Incubation center to made active</td> </tr> </tbody> </table> Incubation and Start-Ups → if NO→ (Description in 1000 words)				Present number of Incubates	Present number of successful Start-Ups	Target number of Incubates in next 5 years	Target number of Successful Start-Ups in next 5 years	Steps to Improve	10	3	50	25	Incubation center to made active
Present number of Incubates	Present number of successful Start-Ups	Target number of Incubates in next 5 years	Target number of Successful Start-Ups in next 5 years	Steps to Improve										
10	3	50	25	Incubation center to made active										
47	Best Practices- A. Best practices currently adopted (Description in 1000 words) Best Practice 1 1.Title of the practice: <p style="text-align: center;">Conservation of World Natural Heritage and Historical Heritage from Satara</p> 2.Objectives of the practice: <ul style="list-style-type: none"> • To protect the flora and fauna of Kaas plateau. • To create awareness regarding guideline provided by UNESO among the local people and tourist. • To identify and conserve the Rare, Endemic and Threatened (RET) flowering species. • To protect the Kass plateau from dangers like exotic plants, intervention of human and mass tourism. • To find the medicinal importance of plants. • To conserve historical heritage as Capital of Maratha Empire, Satara. • To recognize and enhance history. • To promoting a sense of continuity and pride in the community. • To communicate heritage value. • To promote conservation, restoration, rehabilitation, and renovation. 3.The context: Satara is unique place. Its situatedness is natural environment and historical heritage. World Natural heritage KAAS plateau Satara is located in the Western Ghat which is a biodiversity hot spot. The Kaas plateau, world natural heritage site, is in proximity with the college. Kaas Plateau has a status of being													

the “Plateau of flowers”.

Kaas Plateau biodiversity is under serious threat due to mass tourism, anthropogenic pressure, exotic weeds, fires and global climatic change. Head of the Botany department Mr. Mohite completed UGC-MRP on **Kass Plateau**.

Historical Heritage of Satara

History of Satara dates back to *Rashtrakuta* regime flows through the Maratha Empire and to modern period. Satara is rich in historical buildings, forts, palaces, monuments, temples and sites.

Department of History looked it as a locational advantage to conserve this cultural and historical heritage. Head of the History department Dr.Chikmath completed UGC-MRP on **Historical Monuments of Satara**.

4.The Practice

- Invited Local Vaidus, forest officials and environments at the exhibition of Plants of Kass plateau to speak on the use medicinal plants and to demonstrate live medicinal plants on 18/01/2019.
- The department of Botany prepared a detailed report and submitted it on National Forest Day on Management of Kass plateau to the forest department in 2022.
- Students of the college visited Kass Mahostav organized by the Satara collector and Forest Department on 7/10/2022. Students participated in Nature quiz on conservation of Biodiversity.
- Many exotic plants took root in side places on the road to Kass Plateau due to mass tourism. These plants are found very dangerous to local flora of Kass plateau. The college organized a campaign to eradicate exotic plants such as cosmos, congress and lantana. This movement got a huge support from the people and media.
- There was need to set up an interpretation center to inform the visitors and tourists about the scientific knowledge of the plateau.

Mrs SatakoMatshumoto, a Japanease plant taxonomist, inaugurated **Kass Interpretation center** in our college set up in 2018-19. Since then the Botany department has been organizing various activities and programs.

Initiative for conservation of Historical Heritage

1. Cleanliness drive at *Baramotachi Vihar* in 2017-18, 2018-19 and 2019-20
2. Cleanliness program at Mahuli, a historical site and pilgrimage center
3. Heritage Walk arranged to Fort Ajinkyatara on 23/2/2019
4. A awareness lecture on topic ‘Importance of fort in Ancient Defense Strategy’ on 21/8/2019

5. Online state level state level essay competition on topic 'historical forts' organized on 6/6/2020
6. Celebration of World Museum Day on 18/05/2022 by visiting Chh. Shivaji Maharaj Museum, Satara
7. Visit to excavation site on 5/6/2022
8. Workshop on '*historical Weapons and objects*' and organization of Exhibition on 12/8/2022
9. Guest lecture on 'Application of Chh. Shivaji Maharaj's Thoughts in The Present Age' on 20/10/2022
10. A cleanliness campaign at For Ajinkyatara on the occasion of the World Heritage Week on 25/11/2022 in collaboration with Ch. Shivaji Maharaj Museum
11. Visit to excavating site at Tamjai Nagar on 5/6/2022 in collaboration with Ch. Shivaji Maharaj Museum and Archeological department, Satara
12. Participation in Commemoration of Coronation of Chh. Shahu Maharaj on 12/01/2023
13. Heritage Walk arranged to *Charbhinti*, Freedom-fighters' Memorial and Mangala Devi Temple on 18/04/2023
14. Visit to Ch. Shivaji Maharaj Museum, Satara to celebrate the World Museum Dany on 18/5/2022

5.Evidence of success

- Mr. S A Mohite is honoured with membership of Kaas conservation committee established by Satara Forest Dept. He played vital role to include KASS plateau in the world natural heritage site by presenting KASS to UNESCO team.
- Satara Forest department has developed SOPs to conserve the plateau on the basis of UGC-MRP by Mr Mohite
- Population of exotic plant was decreased due to eradication campaign
- Successful orientation of local community from KAAS regarding UNESCO guideline and regarding importance of conservation, etc
- College was appreciated by Limb Grampanchayat, Satara for conservation of *BaramotachiVihir (Well with twelve traditional pulleys)* in 2018-19
- Mahuli Grampanchayat appreciated History department for initiatives to protect ancient Temple and Memorial Tomb of Chh. Shahu Maharaj at the confluence of the rivers.
- Dr. Dipak Jadhav, faculty in History Department, honoured with co-secretary of Satara History Research Committee, Satara.
- Dr P. C.Chikmath is selected as President of Lions' club, Satara
- Conservation of historical forts and sites as national assets by successfully creating

awareness among local community.

- Increased respect towards historical figures like Chh. Shahu Maharaj is noted among students and people
- Increased tourism industry in Satara district.

6. Problems encountered and Resources Required

- Difficulty in handling the mass tourism and traffic controlling during flowering season and increased carbon footprints due to vehicle increases pollution.
- Unavailability of funds to initiate conservative activities
- People are unaware and show reluctance to join these activities, as a result, the efforts of the conservation become impermanent. This needed to become a popular movement.
- Funds are limited. To restore the falling monuments, their repair needs a great amount of money. An appeal to large public can be solution.

Practice 2

1. Title: Fostering research through amiable initiatives

2. Objectives:

1. To develop research- welcoming ambience.
2. To create ecosystem for innovation, exchange of ideas and transfer of knowledge.
3. To develop basic infrastructure for research and innovation in all streams.
4. To boost the researcher to publish their research findings and to promote publication of special issues of research journals for conferences.
5. To strengthen the college multi-disciplinary research journal "QUEST".
6. To seek funding for quality research from Govt. and Non-Govt. agencies.
7. To encourage research to collaborate across discipline and institution with international and national reputes.
8. To establish MOUs with industry and industrial projects.
9. To facilitate knowledge sharing and discuss pollinations of ideas.

3. The context:

The role of research in an academic institution is significant for its survival, progress and development, and it is imperative to have knowledge-driven growth based on innovation and research. The college is a leading multidisciplinary institute offering, besides UG program, PG programs in Languages, Economics, Geography, Commerce, Zoology, and Chemistry, and also has two research university recognized laboratories and has 18 research guides. Proximity of Satara to Pune industrial region, hub of manufacturing and auto industries and now the IT industry, has opened unprecedented opportunities of innovation, research and consultancy. This could be reason for the previous NAAC Peer Team to set 'availing funding for faculty and

student research' as a challenge and putting 'collaboration and linkages with national and international institutes and agencies' as a second top recommendation. Therefore, the college has set 'Promotion to research and scientific temperament' as one of its core values and has accelerated research promotional initiatives.

4.The Practice:

1. Drafting independent policies for Knowledge Creation and Transfer, for research and for ethics and plagiarism in research and modifying them from time to time by IQAC.
2. Strategies for research promotion were developed by Research committee FIRE (Forum of Institutional Research Ecosystem).
3. Organization of science exhibition for undergraduate and post graduate students.
4. Providing fund to students and teachers for research project work.
5. Incentives to faculty for publishing research paper in national / international journal and UGC care-list journals.
6. Special fund is allocated to *Avishkar* competition at college, university and national level.
7. For promoting research writing of budding researchers, *the Quest*, e- journal, started by college.
8. Up gradation of research laboratories.
9. Incentives to faculty for attending the conference and seminars at campus and off campus.
10. Partially sponsoring conferences, seminars and workshops on theme of current research topics organized by departments.
11. Providing platforms for publication of books and souvenirs.
12. Promoting faculty for applying minor and major research proposal for various funding agencies.
13. Deputing faculty for faculty development programs and promoting their placement on the basis of research contribution.
14. Organization of workshops on 'How to write a Research Article' and 'How to prepare a Research Proposal'.
15. Organization of workshops and seminars on IPR, tread mark and copy rights.
16. International and National Conferences and seminars on current research issues and topics organize.
17. Organization workshops and training programs on small business ideas and entrepreneurship skills.
18. All computational and experimental facilities freely available for students and researchers.
19. Organization of visits to research institute, industries, sanctuaries, universities, research

laboratories.

20. Availing the research laboratories for research to external research guides and research students.
21. Subscribing e-journals and database through INFLIBNET, DELNET.
22. Starting Carrer Oriented Courses according to industrial needs to strengthen academia-industry.
23. Incubation centre started and started different programs for students.
24. The college started consultancy for soil analysis and water management in Botany, Zoology and Chemistry department.
25. Thirty research scholars working in various department of the college.
26. Under research promotion scheme staff is promoted to publish research paper at international level and UGC-Care listed Journals.
27. Successful organization of State level Science exhibition.
28. Department of Botany explore Kaas Plateau in World Heritage Site.
29. State-of-art research laboratory is setup special for synthesis nanomaterials.
30. Computational facility developed for quantum calculations.
31. Successful organization of national and international conferences and seminars.
32. IPR workshop organized with Ministry of Commerce and Industry, Govt. of India under NIPAM 2.0.

5.Evidence of success:

- Under common project 1.54 cr. funds received under DST-FIST, DBT-STAR College.
- 54 Lakhs research fund received from individual projects (SERB, UGC-DAE-CSR, SUK, UGC).
- One research project sanctioned in collaboration with UGC-DAE-CSR, Indore and BARC, Mumbai.
- Three awards received in Satara district *Avishakar* competition arranged by Shivaji University, Kolhapur.
- Six awards received in research paper presentation competition at national, international conferences.
- Research paper published in collaboration with 8 international and 8 national institutions.
- International visiting fellowship received by Dr.G.M.Lohar from SERB at Queensland University, Australia.
- Research scheme published on cover page of TETRAHEDRON letters from Elsevier.
- The eight-book chapter published with international publisher (Springer, Elsevier,

Willey, and CRC).

- Six research scholars received JRF.
- Total 178 research papers were published in UGC-Care listed Journals.
- Total 30 MOUs are signed with national and international institutes for academic and research exchange.
- Three patents filed during last five years.
- Supercapacitor devices and Carbon-based strip sensor developed in college research laboratory.
- Dr. G.M. Lohar, received an early carrier research award: DST-SERB, Young scientist award: Indian Science congress Association, Young achievers award: Institute of Scholar, Bengaluru.
- One research paper published in 19 impact factor journal (CEJ, Elsevier), and one research paper published in Scientific Report Journal from Nature publishing group.

6.Problems encountered and Resources Required

1. Less permanent teacher having more burden of curricular and extra-curricular activities so getting less response for research so state govt. should recruitment vacant posts immediately.
2. Due to semester exam pattern students are continuously engaged in preparation of examination so it becomes difficult to spare time for do research. The research aptitude among the students do not develop as expected, despite efforts on the part of college. So include the research component in curriculum.
3. Lengthy, time consuming and dismaying documentary procedures for seeking incentives and funding from Non-government and Government agencies. So the procedure should be less stringent and smoother.
4. Complex procedure of utilization of funding and final account settlement. The procedure should be made easier.
5. Requirement of more instrument facilities for development of prototypes and high-level computational facilities. To avail these facilities, a corpus fund should be developed at different levels.

B. New Best practices to be introduced in next 5 years (Description in 1000 words)

48	SWOT Analysis			
	Strengths	Weaknesses	Opportunities	Threats
	•Locational advantage of being at the center of Satara city	•Growing need of physical	•To go for cluster	•To recruit faculty under existing

	<ul style="list-style-type: none"> •Active and strong representation of the college in the management bodies of the parent institute •Multidisciplinary college that offers 9 PG programs, 18 UG programs, and Ph.D. and M Phil in 4 subjects •Young teachers •Encouraging Research Culture •Developing skills and abilities among students through career-oriented courses, workshops and vocational training programs for employability and for enhancement of global competence •Impactful contribution to social cause during Covid pandemic and in flood-affected area •Continuous augmentation and up-gradation of existing infrastructure •creation of new infrastructure •Contribution to conserve natural and historical heritage •Interactions and visits of renowned scientist, academicians, social workers, feminists, educationists, diplomats, professionals, entrepreneurs, actors, directors, etc. with the students. •Transparency, diversity, and inclusiveness in the admission process. •Registered L.B.S. college ex-student Association, Satara •Eco-friendly initiatives and practices. •Linkages and formal MoUs with higher institutions, industries, local bodies, associations, etc resulting in mutual understanding and cooperation for research, publication, and execution of social responsibilities. •Glorious Achievements in Sports •Successful Organization of International and National conferences and seminars. •Inclusive environment 	<p>infrastructure corresponding to the academic development</p> <ul style="list-style-type: none"> •More number of retiring faculty and increasing number of temporary faculty •Limitation to go for autonomy due to inconsistent Government policy of recruitment •Difficult to run PG programs in absence of financial aid. <p>MultiGround</p> <ul style="list-style-type: none"> •Hostel facility 	<p>university</p> <ul style="list-style-type: none"> •To implement NEP •To develop corpus fund to meet the growing financial needs •To align research with the needs of society •To plan more society-oriented outreach programs and activities •To internationalize the research through MoU and collaborations •To shift towards online mode of programs through platforms like SWAYAM •To develop full-fledged courses based on industry needs and skill development •To enhance college-industry-community network. 	<p>government policies</p> <ul style="list-style-type: none"> •To utilize the available funds and to fulfill the maximum needs •To satisfy the growing demand for new vocational and professional courses in the limited space. •To strengthen the interface between the college and various industries and entrepreneurs. •To take the output of the research to the society. •To avail funding for research projects of students and faculties. •To retain the qualified faculties and create infrastructural and research facilities for non-granted courses. •To maintain a balance between traditional courses and need of professional skills. •To bring about the changes on an academic and infrastructural level in tune with service-providing market and industries.
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Alumni Association → YES

Registered Alumni Association → YES if YES upload Certificate

Separate Web portal for Alumni Activities → NO → if YES provide link

Number of Alumni registered →

Within Country	Outside Country
1068	00

Target to increase number of alumni in next 5 years → (Please provide count)

Activities conducted through alumni association → (Description in 1000 words)

College has a very strong and active Alumni Association registered under Societies Registration Act, 1860 (XXI of 1860) in 2017. Separate room is allotted to Association in college premise.

Meetings of the association are held minimum twice a year. There are 1868 members at present and every year new members join the Association.

It contributes in several ways for development of college:

- Corpus fund of the Association is 198636.
- Separate tab on the college website is available for registration and for making financial contribution to Alumni fund.
- Donations are collected in nationalized bank account. This fund is used to support the various initiatives in college such as to establish scholarships, fund research projects, upgrade infrastructure.
- Vending Machines, Water Purifiers, Amazon Kindle Edition tables, Reference Books etc. were donated by Association.
- Dr. Prashant Kulkarni, a renowned alumni has started registered company **P- edukulDigiversity Pvt Ltd**. It has received *Start Up Recognition* by Central government in 2022. Many students of the college have received jobs through it.
- Alumni actively participated in fund raising initiatives at specific need, Sports person, or organizing events, such as organizing seminars, conferences.
- Alumni contribute in policy making by their representation in the statutory and academic committees such as CDC, IQAC etc.
- Alumni meetings are held in college premises and discuss present situation and achievements of the college and contribute in future plans.
- Alumni feedback on curriculum is valuable in shaping the contents of curriculum.
- Some of the alumni are public representatives; they help us whenever there are some local issues. Their occasional advice to the college administration is empirically valuable.
- Alumni associated with the social reforms are invited in the NSS camps to encourage the volunteers to do social service. Their experience and participation encourage the volunteers. Alumnae NSS students extend their help in organizing village-level special

camps.

- College has adopted villages under Unnat Bharat Abhiyan. Alumni contributes in the abhiyan by spreading financial and legal literacy and helped to create the awareness during covid pandemic.
- Alumni have helped in organizing placement drive such as Chetan computers, Satara of Mr.Sanjay Pardeshi, and also provided free training of Govt. approved computer courses.
- Many of alumni who have achieved success in their respective fields help the current students as mentors.
- Alumni helps us to organize cultural events by providing training to students. They also organize cultural programmes and motivate students.
- Alumni have contributed by delivering guest lectures and are invited at workshops on specific topics. Thus they have shared their expertise, industry knowledge, and practical insights, enriching the learning experience for students.
- College website, College YouTube channels, Facebook, WhatsApp groups of departmental alumni are rapid means to establish connection with alumni, communicating updates and creating involvement and bondage.
- Alumni booklet is available.

Overall, alumni contributions has served as a valuable resource for the development of a college. Their financial support, mentorship, networking, educational engagement, and advocacy contribute to the growth and success of the institution, benefiting both current and future students.

Contribution of alumni→

Contribution of alumni	Current	Target
Number of Books donated	140	200
Amount donated	261550/-	350000/-
Number of Workshops/Lectures delivered	20	30
Number of alumni feedback given		

50 **Placement cell**→YES
if YES→

Placement ratio	Number of job fairs organized	Pre-Placement Workshops organized	Target
	09	08	

51 **Need Assessment for planning**(Description in 1000 words)

College is planning to make tailor-made changes in its programs and courses designing and implementation

A. Local Needs:

Industry Alignment:

College is going to start the programs and courses considering specific industries in our local area. While designing and implementing the program college will consider the skills gaps or demands in those industries that your college can address.

Demographics:

Considering the local population's needs and the job market college plans to provide specific career paths or sectors that are in high demand locally like designing programs on tourism and hospitality, health care professionals, Ayurveda and Indian knowledge system etc.

Community Engagement:

College contribute to the local community by involving the partnerships, outreach programs, or addressing specific community challenges by community engagement

B. Global Needs:

Global Relevance:

College inculcate global competencies among students for careers in a globalized world by considering incorporating international perspectives, language skills, foreign languages, global issues like global economics, global politics, warfare etc. into the curriculum.

Emerging Trends:

College will identify global trends in education, technology, or industries and by designing and molding the courses and programs as per the emerging trends college will stay ahead to equip students with skills that are globally relevant like starting the programs in area of artificial intelligence, robotics, data analysis and processing, ethical hacking, biotechnology, CRISPR DNA technology, bioinformatics, nano-science etc

Diversity and Inclusion:

College plans to promote a global mindset and inclusivity among the students by involving diverse perspectives in the curriculum, international student programs, or cultural exchange initiatives, faculty and student exchange programs with global institutes etc.

C. Curriculum:

Skill Development:

College will ensure that curriculum aligns with the demands of the job market, incorporating both technical and soft skills in curriculum that are imparting skills which are crucial for success in the workforce by involving aspects like personality development, communication skills, computing skills, programming, data operation, critical thinking, soft skills in curriculum.

Innovation and Technology:

College curriculum integrates emerging technologies and foster innovation by establishing collaboration and partnerships with industry leaders leading academic institutes which creates the opportunities like internships, on job training, cutting-edge research, startups, incubation centres, patents etc

Flexibility and Adaptability:

Given the fast-paced changes in various Industries college will adapt flexibility in curriculum which can students to adapt to evolving job requirements by following steps as follows

Course Selection: Providing opportunities for students to opt for a mix of challenging and more manageable courses.

Time Management: College helps students to plan their schedule with provision of buffer for unexpected twists and turns as per their courses bucket selection by maintaining flexible time tables

Extracurriculars: College will promote students to explore activities outside their major curriculum. It's the equivalent of adding some value based education, extension activities, sports, cultural aspects development of student by keeping things interesting.

Communication: college always promotes the environment that helps professors and classmates to remain in touch with each other so as to assess any need of change in curriculum

	This will give college a solid foundation to start planning in lights of New Education policy.				
52	Seminar /Conferences/Symposiums				
Sr. no.	Department	Year	Name of the workshop/ seminar/ conference	Number of Participa nts	Date From – To
1	Physics	2021-22	1st international confrence on recent trends in physical, chemical, biological nanosciences (ICRT-PCBNano2022)	180	17/05/2022 to 18/05/2022
2	Chemistry	2022-23	International Conference On Nanomaterials for Energy and Environmental applications(IC-NEEA -2023)	114	21/03/2023
3	Social Science and Commerce	2022-23	International Conference On Sustainable Development through Social Science and Commerce Perspective	110	25/3/2023
Sr. no.	Year	Name of the workshop/ seminar/ conference	Numbe r of Partici pants	Date	
1	2018-19	Seminar on Academic Opportunities to UG Students	28	21/12/2018	
2	2018-19	Workshop on Cartographic Techniques in Geography	62	15/01/2019	
3	2018-19	Teacher Training Workshop on Climate Change & Sustainable Development Goals	120	09-01-2019	
4	2018-19	One day workshop on revised syllabus in Chemistry of B.Sc.II (CBCS)Sem -IIIPaper VI(DSC-C4) Industrial Chemistry	50	05-09-2019	
5	2018-19	Workshop on Research Methodology	22	09-01-2019	
6	2019-20	Workshop on How to write a research project	50	24/08/2019	
7	2019-20	Workshop on Intellectual Property Rights	53	13/09/2019	
8	2019-20	Workshop on Entrepreneurship	23	20/02/2020	
9	2019-20	Seminar on “संस्कृतभाषावतिचे महत्त्व”	30	24/08/2019	
10	2019-20	Workshop on New changed Syllabus Teachers traning workshop of history	62	11-09-2019	
11	2019-20	Workshop on प्राचीनसंरक्षणस्थापत्यदुर्ग	102	21/08/2019	
12	2020-21	workshop on recised syllabus	103	08-02-2021	
13	2020-21	workshop on language and litreture in after pandamec	50	06-03-2021	
14	2020-21	One day workshop on Plagiarism and protection of copyright under intellectual property rights	65	05-01-2021	
15	2020-21	National Webinar on Diagnostic Techniques	52	21/06/2021	

		and current scenario on vaccine development on Covid 19		
16	2020-21	Online Seminar on Role of Ayurvedic Medicines in Early Recovery of Covid - 19	74	06-08-2021
17	2020-21	Webinar on Biosafety in Biopharmaceutical Industries	50	19/05/2021
18	2020-21	Webinar on Waste Water Treatment	50	05-10-2021
19	2020-21	Workshop on Career Opportunity in Geo-informatics	66	19/03/2021
20	2020-21	Workshop on Geographical Techniques in Career opportunities	120	30/06/2021
21	2020-21	One day workshop on new syllabus of B.Sc.III (Physical chemistry)	75	17/03/2021
22	2020-21	Workshop on Entrepreneurship	26	18/02/2021
23	2021-22	Workshop on Research methodology	84	21-04-2022
24	2021-22	वेबिनारसंतसाहित्यातीलसद्यकालीनप्रस्तुतता	79	24/07/2021
25	2021-22	Workshop on Research Methodology for Projects and Papers	50	08-04-2022
26	2021-22	Webinar on Environmental Monitoring in Pharmaceutical Industries	36	13/05/2022
27	2021-22	Seminar on Basic Approaches in Genetic Engineering	40	04-09-2022
28	2021-22	Seminar on Prevention And Control of Environmental Pollution	35	30/03/2022
29	2021-22	Seminar on Antibiotics : The Magic Bullet	50	23/03/2022
30	2021-22	Workshop on Research Methodology in Economics	27	12-10-2021
31	2021-22	National Symposium on Horizons in Nanotechnology	123	05-04-2022
32	2021-22	One day workshop under lead college scheme on research methodology	123	31/03/2022
33	2021-22	Workshop on IPR	23	10-02-2022
34	2022-23	One day workshop on IPR	137	01/02/2023
35	2022-23	State level science exhibhision	100	28/02/2023
36	2022-23	Workshop on आधुनिकतंत्रज्ञानआणिसाहित्याचेबदलतेस्वरूप' याविषयावरीलएकदिवशीयराष्ट्रीयपरिषद	171	11-02-2023
37	2022-23	Workshop on अनुसंधानप्राविधि एवं प्रपत्रलेखन	65	14/10/2022
38	2022-23	Workshop on आधुनिकतकनीकीऔरहिंदीसाहित्यकाबदलता स्वरूप	34	11-02-2023
39	2022-23	Workshop on Research methodology	48	15/10/2022
40	2022-23	Workshop on Research Methodology in Social Sciences	37	09-01-2023
41	2022-23	Workshop on Research methodology - Handling of Laminar air flow	11	22/03/2023
42	2022-23	Workshop on Research Methodology - Handling of oil immersion lens	11	13/03/2023
43	2022-23	Seminar on Career Opportunities in Medical Coding and Clinical Research	30	20/09/2022

44	2022-23	Teacher Training Workshop on GPS and Geo-Taging	29	20/08/2022	
45	2022-23	Workshop on Nanomaterials for Energy and Environmental Applications	149	21/03/2023	
46	2022-23	Under Lead College Activity One Day Workshop ON "MS OFFICE"	100	15/03/2023	
47	2022-23	Workshop on Entrepreneurship Awareness Program " Skill Development -Tally"	41	28/11/2022	
48	2022-23	Workshop on Career Opportunity in Import Export Management	40	25/11/2022	
49	2022-23	Seminar on " Research Methodology"	27	17/12/2022	
50	2022-23	Workshop on "The changing nature of contemporary social Institution."	72	17/10/2022	
51	2022-23	Workshop on 'उद्योजकताविकासकाळाचीगरज'	75	23/09/2022	
52	2022-23	Workshop on "वित्तीयक्षेत्रातीलवर्तमानदृष्टीकोनआणिभविष्यासाठीनियोजन"	90	11-11-2022	
53	2022-23	Workshop on Research Methodology	28	12-02-2023	
54	2022-23	Webinar on "विश्वसंस्कृतदिवसआणिसंस्कृतग्रंथप्रदर्शन "	48	13/08/2022	
55	2022-23	आनंददायीकामआणिकामातीलआनंदयाविषयावरशिक्षकेतरकर्मचारीवर्गासाठीएकदिवशीयकार्यशाळा	40	27/04/2023	

53	INFRASTRUCTURE / BUDGET PLAN (Rs.)			
	List of Activities	Existing till 2022-23 (Please specify Count)	Proposed Budget for 2023-24	
			Proposed (Please specify Count)	Estimation
A	Infrastructure			
	Classrooms	32	Classrooms construction	10100000
	Conference/Seminar Hall	2	-	-
	Laboratories	8	Laboratory construction	8900000
	Hostels	-	-	-
	Reading Rooms	2	Library cloud for remote access	1000000
	Toilets	12	-	-
	Renovation of existing infrastructure	1/3 rd of existing infrastructure	Classrooms and labs Construction	19100000
B	Procurement			
	Computers & Other Peripherals	196	50	2500000
	Furniture	All	For classroom and lab	5000000
	Books	78400	10000	200000
	Laboratory Equipment's	115	30	17000000
	Sports Equipment's	95	20	2000000
	Drinking Water Facility	10 purifiers	5 purifiers	100000
	Learning And Training Resources	Smart classroom, LMS software, multimedia recording room	Purchase and subscription , Training of faculty	1000000
	Teaching Aids For Classrooms/Laboratories	Laptops , led projectors	Purchase and installation	1000000
	Items For Differently Abled Persons	Railings , ramps, chairs	Tactile pathways , washrooms	1000000
C	Human Resource Support			
	Engagement of Guest Faculty	25	50	100000

List of Activities	Existing till 2022-23 (Please specify Count)	Proposed Budget for 2023-24		
		Proposed (Please specify Count)	Estimation	
D	Activities/Measures			
	Training For Faculty (Including pedagogical training, administrative, academic and nonacademic matters) and Non-teaching Staff	Use of Google Classrooms, pedagogical tools	More pedagogical tools, softwares and LMS platform, MOOCs design	500000
	Training For Students (Specify Type of Training)	Use of Google classrooms	Use of LMS	500000
	Student Support Activities	Scholarships, freeships, SA funds Earn while learning	Institutional scholarships, Loans, placements	2000000
	Environment, Health & Safety related activities/items	Environment, Health & Safety related awareness activities	Use of in campus plastic free , green campus, use of solar energy	1000000
	Quality and Equity enhancement measures	NAAC	NAAC , NIRF, AAA	1000000
	Development of linguistic competency	Language labs , german speaking course	Multiple foreign languages	1500000
	Skill Development Programs	Various skill development courses	NSQF certified courses	2000000
	Others (Specify)	Women empowerment activities	Indian knowledge system courses	200000