

*Rayat Shikshan Sanstha's*  
**Dahiwadi College Dahiwadi**  
**INSTITUTIONAL DEVELOPMENT PLAN (IDP)**

**1. Objectives of the IDP:**

The Institutional development plan (IDP) of Dahiwadi College Dahiwadi has definitive objectives that are intended to facilitate the implementation of provisions of the National Education Policy-2020. The plan is broadly aimed at making the functioning of the college decentralized, accountable, transparent, efficient and amicable to the change. The detailed objectives of this IDP are:

- To make students academically competent to meet global demands.
- To augment the educational infrastructures for integration of Arts, Commerce and Science.
- To initiate a variety of interdisciplinary, value-added and skill enhancement courses.
- To ensure delivery of Outcome Based Education.
- To facilitate the use of technology for curricular planning and delivery.
- To develop a research ecosystem that addresses issues related to the environment, agriculture, and industry.
- To adopt responsive and accountable administration and management.
- To provide a Green and Eco-friendly campus.
- To make campus Divyang-friendly.
- To encourage topic-centered student activities that work for the promotion of culture, values, languages, and fine art apart from other realms of human ingenuity.
- To provide opportunities for skill enhancement, including technical and vocational skills, for employment and entrepreneurship.
- To ensure that all learners acquire the knowledge and skills needed to promote sustainable lifestyles, global citizenship and appreciation of cultural diversity.

**2. Vision and mission of the College:**

**Vision:**

Transforming the life of perennial drought-hit population through quality higher education with new vistas of knowledge promoting research and inculcating scientific temper.

**Mission**

1. To impart quality education to students from the drought stricken region and channelize youth energy to undertake the task of upliftment of the rural masses.
2. To create socio-environmental consciousness among students and masses around inculcating the sense of discipline, self-reliance, secular citizenship and national integrity.

3. To promote qualitative research culture among the students and the staff.
4. To acquaint students with modern technology and informatics to enable them to face global challenges.
5. To strive for women empowerment and social equality through value added courses and projects.

### 3. Institutional Profile-

AISHE: C-11193

Sr. No.	College Details -	
1	Name of the College	Dahiwadi College Dahiwadi
2	Cycle of Accreditation	4 <sup>th</sup>
3	Date of establishment of the Institution	1965
4	Name of the Head of the Institution	Dr. S. T. Salunkhe
	Designation	Principal
5	Does the college function from Own Campus	Yes
6	Address of the College	Opposite to MSEB, Satra-Solapur Road, Dahiwadi
	State/UT	Maharashtra
	City	Dahiwadi
	Pin	415508
	Phone No	02165-220231
	Mobile No	9834230280
	Registered Email	<a href="mailto:dcdprincipal@gmail.com">dcdprincipal@gmail.com</a>
	Alternate Email	<a href="mailto:iqacdahiwadi@gmail.com">iqacdahiwadi@gmail.com</a>
	Mobile No	7218102378
7	Alternate Faculty Contact Details	
	Address	Opposite to MSEB, Satra-Solapur Road, Dahiwadi
	State/UT	Maharashtra
	City	Dahiwadi
	Pin	415508
	Phone No	02165-220231
	Mobile No	9421121489
	Email	<a href="mailto:anildada1970@gmail.com">anildada1970@gmail.com</a>
	Alternate Email	<a href="mailto:pradipunde3011@gmail.com">pradipunde3011@gmail.com</a>
8	Website	<a href="http://www.dahiwadicollege.in">www.dahiwadicollege.in</a>
9	Type of Education	Co-education
10	Nature of the college	Aided
11	Type of Affiliation	Permanent
12	Is the institution recognized as an Autonomous College by the UGC?	No

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																						
15	<b>Program Details:</b> <table><tr><th>Program</th><th>Affiliation Status</th></tr><tr><td>BA</td><td>Permanent</td></tr><tr><td>BCom</td><td>Permanent</td></tr><tr><td>BSc</td><td>Permanent</td></tr><tr><td>BCA</td><td>Temporary</td></tr><tr><td>B.Voc</td><td>Temporary</td></tr><tr><td>Bank Management</td><td>Temporary</td></tr><tr><td>BA (DS)</td><td>Temporary</td></tr><tr><td>MA</td><td>Temporary</td></tr><tr><td>M.Com</td><td>Temporary</td></tr><tr><td>MSc</td><td>Temporary</td></tr></table>		Program	Affiliation Status	BA	Permanent	BCom	Permanent	BSc	Permanent	BCA	Temporary	B.Voc	Temporary	Bank Management	Temporary	BA (DS)	Temporary	MA	Temporary	M.Com	Temporary	MSc	Temporary
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16	Number of Teaching Staff by employment status (permanent / temporary) and by gender <table><tr><th>Type</th><th>Male</th><th>Female</th><th>Transgender</th><th>Total</th></tr><tr><td>Permanent</td><td>25</td><td>07</td><td>0</td><td>32</td></tr><tr><td>Temporary</td><td>25</td><td>28</td><td>0</td><td>53</td></tr><tr><td>Total</td><td>50</td><td>35</td><td>0</td><td>85</td></tr></table>		Type	Male	Female	Transgender	Total	Permanent	25	07	0	32	Temporary	25	28	0	53	Total	50	35	0	85		
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17	Number of Non-Teaching Staff by employment status (permanent / temporary) and by gender <table><tr><th>TYPE</th><th>Male</th><th>Female</th><th>Transgender</th><th>Total</th></tr><tr><td>Permanent</td><td>14</td><td>01</td><td>0</td><td>15</td></tr><tr><td>Temporary</td><td>32</td><td>06</td><td>0</td><td>38</td></tr><tr><td>Total</td><td>46</td><td>07</td><td>0</td><td>53</td></tr></table>		TYPE	Male	Female	Transgender	Total	Permanent	14	01	0	15	Temporary	32	06	0	38	Total	46	07	0	53		
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18	Number of Students on roll by Gender: <table><tr><th>Programme</th><th>Male</th><th>Female</th><th>Total</th></tr><tr><td>UG</td><td>883</td><td>1080</td><td>1963</td></tr><tr><td>PG</td><td>108</td><td>128</td><td>236</td></tr><tr><td>Total</td><td>991</td><td>1208</td><td>2199</td></tr></table>		Programme	Male	Female	Total	UG	883	1080	1963	PG	108	128	236	Total	991	1208	2199						
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19	Does the institution have statutory cells / committees (nearly 13 to 18 committees are there)	<table><tr><th>Sr. No.</th><th>Name of Committee</th><th>Status</th></tr><tr><td>1</td><td>College Development Committee</td><td>Yes</td></tr><tr><td>2</td><td>Grievance Redressal Cell</td><td>Yes</td></tr><tr><td>3</td><td>Women Empowerment</td><td>Yes</td></tr><tr><td>4</td><td>IQAC</td><td>Yes</td></tr><tr><td>5</td><td>Internal Complaint Cell</td><td>Yes</td></tr><tr><td>6</td><td>BC Cell</td><td>Yes</td></tr><tr><td>7</td><td>Equal Opportunity Centre</td><td>Yes</td></tr><tr><td>8</td><td>Scholarship</td><td>Yes</td></tr><tr><td>9</td><td>Divyang Welfare Committee</td><td>Yes</td></tr><tr><td>10</td><td>Sexual Harassment Prevention</td><td>Yes</td></tr><tr><td>11</td><td>Anti-Ragging</td><td>Yes</td></tr><tr><td>12</td><td>Student Council</td><td>Yes</td></tr></table>	Sr. No.	Name of Committee	Status	1	College Development Committee	Yes	2	Grievance Redressal Cell	Yes	3	Women Empowerment	Yes	4	IQAC	Yes	5	Internal Complaint Cell	Yes	6	BC Cell	Yes	7	Equal Opportunity Centre	Yes	8	Scholarship	Yes	9	Divyang Welfare Committee	Yes	10	Sexual Harassment Prevention	Yes	11	Anti-Ragging	Yes	12	Student Council	Yes
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20	Has the institution made statutory declaration on the institutional website under Section 4 (1) (b) of the RTI Act 2005 as issued and amended from time to time. - Yes <a href="https://www.dahiwadicollege.in/RTI.aspx">https://www.dahiwadicollege.in/RTI.aspx</a>																																								
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). <b>24/05/2023</b>																																								
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25	<b>Student Teacher Ratio-</b> <table><tr><td>Current Student to Teacher Ratio</td><td>Proposed Student to Teacher Ratio in next 5 years</td><td>Description</td></tr><tr><td>(2199:85) 25:01</td><td>20:01</td><td>To increase the students strength with Faculty</td></tr></table>	Current Student to Teacher Ratio	Proposed Student to Teacher Ratio in next 5 years	Description	(2199:85) 25:01	20:01	To increase the students strength with Faculty																																		
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26	<b>Demand Ratio and Vacancy Percentage of Last Five Years</b> <table><tr><td>Year</td><td>Name of the programme</td><td>Intake</td><td>Application received for admission</td><td>Number of Student admitted</td><td>Demand Ratio</td><td>Percentage of Vacancy</td></tr><tr><td></td><td>BA</td><td>720</td><td>572</td><td>572</td><td>1:0.79</td><td>20.55</td></tr><tr><td></td><td>B.Com.</td><td>720</td><td>483</td><td>483</td><td>1:0.66</td><td>32.91</td></tr></table>	Year	Name of the programme	Intake	Application received for admission	Number of Student admitted	Demand Ratio	Percentage of Vacancy		BA	720	572	572	1:0.79	20.55		B.Com.	720	483	483	1:0.66	32.91																			
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	BA	720	572	572	1:0.79	20.55																																			
	B.Com.	720	483	483	1:0.66	32.91																																			

	2022-23	B.Sc.	720	482	482	1:0.66	32.93	
		BCA	240	275	275	1:1.14	-	
		BVoc	150	52	52	1:0.34	65.33	
		Bank Manag.	160	80	80	1:0.5	50.00	
		BA (DS)	160	19	19	1:0.11	88.12	
		MA English	100	16	16	1:0.1	90.00	
		MA Pol. Sci.	100	30	30	1:0.3	70.00	
		M.Sc. Chem.	132	108	108	01:0.81	18.18	
		M.Com	100	82	82	1:0.82	18.00	
	2021-22	BA	720	678	678	1:0.94	05.83	
		B.Com.	720	579	579	1:0.8	19.58	
		B.Sc.	720	577	577	1:0.8	19.86	
		BCA	240	236	236	1:0.99	01.1	
		BVoc	150	69	69	1:0.46	54.00	
		Bank Manag.	160	73	73	1:0.45	54.37	
		BA (DS)	160	18	18	1:0.11	88.75	
		MA English	100	32	32	1:0.32	68.00	
		MA Pol. Sci.	100	29	29	1:0.29	71.00	
	2020-21	M.Sc. Chem.	88	87	87	1:0.98	01.13	
		M.Com	100	89	89	1:0.89	11.00	
		BA	840	784	784	1:0.93	06.66	
		B.Com.	600	594	594	1:0.99	01.00	
		B.Sc.	720	625	625	1:0.89	10.71	
		BCA	240	160	160	1:0.66	33.33	
		BVoc	150	71	71	1:0.47	52.66	
		BA (DS)	80	22	22	1:0.27	72.5	
		M.Sc. Chem.	44	43	43	1:0.99	1.0	
	2019-20	BA	1080	855	855	1:079	20.83	
		B.Com.	600	583	583	1:097	2.83	
		B.Sc.	840	741	741	1:0.88	11.78	
		BCA	240	190	190	1:0.79	20.83	
		BVoc	100	45	45	1:0.45	55	
		MSc Chem.	44	42	42	1:0.95	4.54	
	2018-19	BA	1080	988	988	1:0.91	8.51	
		B.Com.	600	515	515	1:0.85	14.16	
		B.Sc.	840	788	788	1:0.93	6.19	
		BCA	240	173	173	1:0.72	27.91	
		BVoc	50	22	22	1:0.44	56	
		MSc Chem.	44	44	44	1:1	0	
	2017-18	BA	960	954	954	1:0.99	0.6	
		B.Com.	600	518	518	1:0.86	13.66	
		B.Sc.	840	850	850	1:01	0	
		BCA	240	174	174	1:0.72	27.5	
		MSc Chem.	44	41	41	1:0.93	6.81	

27	<b>Gender Ratio</b>					
	<b>Total Number of Male Students</b>	<b>Total Number of female Students</b>	<b>Gender Ratio</b>	<b>Percentage of Female Students</b>	<b>Steps for improvement</b>	
	991	1208	4:5	54.93	• Percentage of Female students is already higher than Male students	
28	<b>Faculty position of last five years</b>					
	<b>Year</b>	<b>Designation</b>	<b>Sanctioned Post</b>	<b>Filled Post</b>	<b>Percentage of Vacancy</b>	
	2018-19	Principal, Librarian,	54	39+30	-	
	2019-20	Director of Phy.	54	39+30	-	
	2020-21	Edu. Professor,	54	37+34	-	
	2021-22	Associate Professor,	54	37+34	-	
	2022-23	Assistant Professor	54	34+40	-	
29	<b>Accreditation and Ranking</b>					
	<b>NAAC</b>	Accredited	Grade	(CGPA)	<b>Steps for improvement</b>	
	<b>NIRF</b>	Participated	-	-	• Compliances of Recommendations by NAAC Peer Team • Regular submission of annual AQAR reports • Strengthening quality enhancing activities. • Strengthening research • Increasing MoUs, Linkages & Collaborations • By conducting internal and external AAA	
	<b>NBA</b>	NA	-	-		
	<b>NAAC</b>	Accredited	A++	3.60		
30	<b>MOUs and Collaborations</b>					
	<b>Type</b>	<b>Number of MOUs</b>	<b>Number of Active MOUs</b>	<b>Industrial Collaborations</b>	<b>Target in next 5 years</b>	<b>Steps for improvement</b>
	Local	15	15	7	9	To sign more MoUs with industries. To collaboration with industries. To sign MoU & collaboration with state, national
	State	-	-	-	4	
	National	-	-	-	2	
	Inter national	-	-	-	1	

						and international level
31	<p><b>Plans for Autonomy</b></p> <p>The college fulfils the eligibility criteria as notified by the University Grants Commission's Regulations upon Conferment of Autonomous Status upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges of 2018 and the recommendations made in the National Educational Policy (NEP) 2020 regarding status of autonomous colleges. The eligibility conditions such as 10 or more years of existence as it was established in 1965, recognition under 2 (f) and 12 (B) as it was recognized under 2 (f) and 12 (B) since June 1972 and reaccredited by NAAC with A++ Grade in its fourth cycle of accreditation and assessment. However, all the decisions regarding processing and implementation of autonomy of this institution will be decided by the Parent institute i.e. Rayat Shikshan Sanstha as this college is constituent of it. If the Parent institute allow us to be autonomous, we aim to achieve and manage academic autonomy (Only) successfully, here's what we plan for implementing academic autonomy for ensuring 100% success.</p> <p><b>Focusing on Innovation &amp; New Ideas:</b></p> <ul style="list-style-type: none"> <li>• To ensure the best practices while aiming for autonomy, we need to go the extra mile in terms of teaching-learning processes.</li> <li>• Right now we don't have a choice to design a curriculum on your own; hence after obtaining the academic autonomy we can add a touch of innovation to it by changing teaching methodologies. By introducing new educational technical tools such as college ERP software to offer relevant industry-specific information to students and enhancing their skills along with the regular lectures.</li> </ul> <p><b>Profound Education with Choice-Based Credit System (CBCS) (NEP- 2020)</b></p> <p>We will introduce the choice-based credit system (CBCS) (NEP 2020) rather than the traditional learning system. It enables students to get interdisciplinary education and to learn the subjects they like. (MEME). There's no compulsion of learning only the course-specific subjects. Rather than evaluating the academic student performance via marks &amp; percentages, the CBCS system uses credits. (Focus more on ABC)</p> <p><b>ERP Higher Education for Administrative Role</b></p> <ul style="list-style-type: none"> <li>▪ Implementing college ERP software with accreditation data management</li> </ul>					

	<p>software can be much useful. It can collect, compile, manage, and store institutional data including all the documents &amp; records that are necessary to generate complete compliance reports. We will get the provision of managing data chronologically along with maintaining data privacy.</p> <ul style="list-style-type: none"> <li>▪ With ERP as your backbone for streamlining processes, ensuring reduction in work &amp; transparency across all academic &amp; non-academic processes, campus administration will be eased &amp; analysed to optimize resources implemented.</li> <li>▪ We will be opting for an ICT Solution.</li> </ul>
32	<p><b>Plan for Multidisciplinary Institutions (any one from bellow)</b>  <b>Self-Reliant Multidisciplinary College</b></p> <p>We aim to become Self-Reliant Multidisciplinary College with vision to avail multifacility higher education to rural and socio-economically deprived sections of society. The institution was established with Arts, Commerce and Science UG courses in 1965. Further Masters in History, Masters in English were included. Recently Masters in Organic Chemistry from 2012-13 and Masters in Commerce and Arts (English and Political Science) from 2021-22 has been started. Also Bachelors in Computer Applications is being run since 2008. The college also started B.Voc in Agriculture from 2016-17 and Defense Study (Entire) from 2019-20. Students participate in various sports/social/ cultural/extension activities, NSS and NCC activities. The college thus aims at developing intellectual, social, emotional, physical and moral capacities of students. Compulsory English and Environmental Studies in UG syllabi bridges Humanities- STEM academically. We conduct various activities like Soft Skill courses, guest lectures and workshops for all disciplines. Interdisciplinary Conferences were organized by Humanities and Sciences. To enhance joy of learning institution conducts skill development courses like Army/Police training, share market analysis and interpretation that are open for all disciplines. Computational Mathematics in BCA is taught by mathematics faculty thus building a healthy environment for growth of multidisciplinary and holistic education. The Value Added, Short term and Add on courses are designed to tackle issues regarding environmental sustainability, gender equality, Human values and energy conservation. Students undergo field work, market surveys and literature surveys for completing their assigned projects despite of what discipline they belong to; hence leading to a multidisciplinary approach and holistic development. NSS and NCC units organize halt camps, blood donation camps, lectures to enhance community engagement periodically. The Academic Bank of Credit will act as cornerstone of multiple entry exit system from</p>



	<p>academic year 2022-23. The process to register in national ABC framework has been initiated. The MEME will enable students to gain flexible learning experience. The college provides flexibility to choose courses by will and also organizes excursion, industrial visits and hands on trainings by experts to cope with ongoing advancements in industries and technology. The dropouts are encouraged to complete their UG and PG courses by readmitting to courses in a specific duration. The college has scheme of seed money for research and well stocked library with numerous references. Well-equipped computer labs, language labs and departmental laboratories are accessible to students under teachers' guidance. The college has built active linkages with nearby agencies. It encourages students to undertake research activities to determine and resolve the most pressing challenges in society. Science fairs are organized where students exhibit their working models and posters. Hence students are oriented to look at most pressing issues in society with researchers' point of view and develop most sustainable and affordable solutions. To encourage multidisciplinary and holistic approach among students and to maintain rigor and joy of learning the institution plans to adopt multidisciplinary approach in enrolling students to MOOCs and Swayam platforms, to enhance accessibility we aim to provide its modules on institutional website.</p>
33	<p><b>Plan for embedding Internship/Apprenticeship in Under Graduate Program</b></p> <p>The college constantly strengthens employability skills among the students of undergraduate level through various skill based courses and training based workshops. The college has some limitations to offer separate Internship/apprenticeship programs and offer credit points as it is affiliated to the University. However, all departments organize industrial visits to take firsthand experience of the working environment. At present, the institute has almost 17 MoUs. In the next five years, the institute will try to make more tie-ups with industrial, commercial and research institutes. These academia-industry linkages will strengthen employability skills.</p> <ul style="list-style-type: none"> <li>● Initially, the institute will identify suitable industries for apprenticeship or internship.</li> <li>● Then, in consultation with industry or commercial or non-commercial organizations, the institute would design the course and course content.</li> <li>● Then, the institute will obtain approval for the syllabus from the academic bodies.</li> <li>● The students will be trained through theory and practical oriented topics and this</li> </ul>

	<p>will promote employability among them. During the span of next five years the college is going to promote academia-industry linkages which will help to create a platform to provide hands-on training to the target students. These linkages with commercial and research institutes will promote growth of the students and will make them ready for the jobs. It will help to create a skilled workforce and will decrease the ratio of unemployment. It will help to have interactive and collaborative exchange between the institutions. To have linkages with the best and top level organization, the college has to work on its credibility and brand building. Therefore, the college will work on its quality building. It will promote Industry-academia linkages and improve institutions credibility and employability. This will also help to strengthen the teaching learning process and brand building. The college is also going to design internship or apprenticeship embedded certificate, diploma and degree programme and decide credit points to the course. Duration of these certificate and degree programs will vary according to the program need. One month to six months' duration will be taken into consideration. During this span of the internship, the students will get practical oriented knowledge of the subject. They will realise their potential and limitations and even they will get a chance to improve themselves in order to become skilled. The college will provide a suitable environment for this internship and apprenticeship program. The college will develop an Apprenticeship Cell and appoint a facilitator or counsellor to provide proper guidance to the students. The cell will work to provide possible opportunities to learn understand and sharpen technical skills required for the job. Industrial working experience will benefit students to be confident and skilled for the challenging market demands. The intention of this real time learning practice is to enable students to be smart, active, interactive and confident.</p>																																	
34	<table><tr><th colspan="4">Scholarship/Financial Support</th></tr><tr><th>Type</th><th>Number of Beneficiaries</th><th>Amount Disbursed</th><th>Target of growth in Scholarship/ Financial Support in next 5 years (Number of Beneficiaries)</th></tr><tr><td>Central Government</td><td>145</td><td>5,66,381/-</td><td>215</td></tr><tr><td>State Government</td><td>80</td><td>8,68,575/-</td><td>150</td></tr><tr><td>University</td><td>2</td><td>11,000/-</td><td>15</td></tr><tr><td>Scholarship/ Financial Support from college</td><td>149</td><td>61000/-</td><td>175</td></tr><tr><td>Other agencies</td><td>40</td><td>40000/-</td><td>70</td></tr><tr><td>Total</td><td>416</td><td>1546956/-</td><td>625</td></tr></table> <table><tr><td>Strategies to improve Scholarship/ Financial Support from college and other agencies</td></tr></table>	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	145	5,66,381/-	215	State Government	80	8,68,575/-	150	University	2	11,000/-	15	Scholarship/ Financial Support from college	149	61000/-	175	Other agencies	40	40000/-	70	Total	416	1546956/-	625	Strategies to improve Scholarship/ Financial Support from college and other agencies
Scholarship/Financial Support																																		
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Central Government	145	5,66,381/-	215																															
State Government	80	8,68,575/-	150																															
University	2	11,000/-	15																															
Scholarship/ Financial Support from college	149	61000/-	175																															
Other agencies	40	40000/-	70																															
Total	416	1546956/-	625																															
Strategies to improve Scholarship/ Financial Support from college and other agencies																																		

	<p>The college administration is conducive and students friendly. It has adopted the strategic approach for improving scholarships and financial support to the needy students. The following are the some strategies to be considered for improvement:</p> <ul style="list-style-type: none"> <li>• By evaluating the existing scholarship and financial aid programs and identifying gaps and areas for improvement.</li> <li>• By exploring partnerships with local businesses, alumni, philanthropic organizations, and government agencies to secure additional funding for scholarships.</li> <li>• By involving alumni in fundraising efforts.</li> <li>• By maintaining strong relationships with donors and encouraging them for the establishment of endowment funds.</li> <li>• By maintain an informative and user-friendly website dedicated to scholarships and financial aid. Provide detailed information about available scholarships, application procedures, and deadlines. Regularly update the website with new opportunities.</li> <li>• Conduct awareness campaigns in college and online platforms to inform prospective students about available scholarships.</li> <li>• Simplify the scholarship application process as much as possible. Consider using online platforms and digital forms to make it easy for students to apply. Provide clear instructions and offer support to applicants who need assistance.</li> <li>• By assigning dedicated staff members to assist students with the application process. Provide one-on-one guidance and support to help students.</li> <li>• Encourage students to apply to a variety of scholarships to increase the chances of receiving financial support.</li> <li>• Collaborate with local non-profits, community organizations, and educational institutions to increase resources and identify students who could benefit from scholarships. Collaborative efforts can extend the reach of scholarship programs.</li> <li>• Look into grants, fellowships, and internships in addition to scholarship and research assistant positions on campus.</li> </ul>		
35	<b>Faculty Achievements</b>		
	<b>Particulars</b>	<b>Present Count (last 5 years)</b>	<b>Target Count (Next 5 years)</b>
	Number of Books published	7	10
	Number of Chapters published	12	20

	Number of Research Articles published in Journals listed in Scopus database	77	100
	Number of Research Articles published in Journals listed in UGC CARE LIST	147	200
	Number of Patents awarded	7	10
	Number of Research Projects and Funding in last 5 years and name of agencies	01 ICSSR	05
	Consultancy	1	2
	<b>Steps for improvement:</b> <p>A separate Research Promotion Committee has been constituted for the promotion of research in the college. The committee chalks out strategic plan with the help of IQAC for the promotion and improvement of research. The draft plan is discussed with the faculty and consider for further implementation. The following are some steps to be taken for improvement:</p> <ol style="list-style-type: none"> <li>1. To create an awareness regarding research and to promote faculty and student for book publication, paper presentation in academic meets at different levels.</li> <li>2. To visit the research Centre of the Parent Institute and to collaborate for more effective research.</li> <li>3. To improve research resources and facilities for teachers and students.</li> <li>4. To organized the seminar on use of LIBRARIA Software and other e-Resources</li> <li>5. To organize more conference, seminar, workshop at different levels.</li> <li>6. To organize Research based pedagogy techniques (RBPT) workshop for science teacher and students.</li> <li>7. To motivate the faculty to development MOOCs courses.</li> <li>8. To promote the faculty for publications of research articles in a Scopus &amp; UGC listed Journals.</li> <li>9. To organize seminars on IPR and improve numbers of patents.</li> <li>10. To create awareness for the research project and submit the proposal for the various field.</li> <li>11. To submit the proposal for minor and major project to university and other funding agencies.</li> </ol>		

	<p>12. To promote faculty to register for doctoral research and also get their research papers published. Those who have registered for either M. Phil. or Ph. D. are insisted to complete their work in stipulated time period.</p> <p>13. To provide the seed money for the research projects.</p> <p>14. To promote the BCA faculty to create new web designs and participant in competitions.</p> <p>15. To encourage faculty for the post doctoral fellowship at foreign universities</p> <p>16. To promote the faculty for the consultancy.</p>																																											
36	<b>Academic Bank of Credits-</b> <table><tr><th>Name of the program</th><th>Number of students admitted in First Year</th><th>Number of Students registered in Academic Bank Of Credits</th></tr><tr><td>B.A. I</td><td>230</td><td>213</td></tr><tr><td>B.Com. I</td><td>130</td><td>130</td></tr><tr><td>B.Sc. I</td><td>165</td><td>165</td></tr><tr><td>B.C.A. I</td><td>112</td><td>112</td></tr><tr><td>B.Voc. I</td><td>14</td><td>12</td></tr><tr><td>Defense Study I</td><td>12</td><td>12</td></tr><tr><td>Bank Management I</td><td>28</td><td>28</td></tr><tr><td>M.SC. I (Org. Chem.)</td><td>01</td><td>01</td></tr><tr><td>M.Sc. I (Ana. Chem.)</td><td>06</td><td>06</td></tr><tr><td>M.A. I (English)</td><td>07</td><td>07</td></tr><tr><td>M.A. I (Pol. Sci.)</td><td>15</td><td>15</td></tr><tr><td>M.Com. I</td><td>48</td><td>48</td></tr></table>					Name of the program	Number of students admitted in First Year	Number of Students registered in Academic Bank Of Credits	B.A. I	230	213	B.Com. I	130	130	B.Sc. I	165	165	B.C.A. I	112	112	B.Voc. I	14	12	Defense Study I	12	12	Bank Management I	28	28	M.SC. I (Org. Chem.)	01	01	M.Sc. I (Ana. Chem.)	06	06	M.A. I (English)	07	07	M.A. I (Pol. Sci.)	15	15	M.Com. I	48	48
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37	<b>BLENDED LEARNING FACILITIES</b> <b>A. LMS - YES If → YES</b> <table><tr><th rowspan="2">Number of Programs on LMS</th><th colspan="2">Existing</th><th colspan="2">Target in next 5 years</th><th rowspan="2">Steps for improvement</th></tr><tr><th>Number of Faculty registered on LMS</th><th>Number of Students registered on LMS</th><th>Number of Faculty registered on LMS</th><th>Number of Students registered on LMS</th></tr><tr><td>01</td><td>52</td><td>2117</td><td>85</td><td>2200</td><td rowspan="2">To make the content creative, actionable and meaningful - Create distinct user group -Implement</td></tr><tr><td colspan="5"></td></tr></table>					Number of Programs on LMS	Existing		Target in next 5 years		Steps for improvement	Number of Faculty registered on LMS	Number of Students registered on LMS	Number of Faculty registered on LMS	Number of Students registered on LMS	01	52	2117	85	2200	To make the content creative, actionable and meaningful - Create distinct user group -Implement																							
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01	52	2117	85	2200	To make the content creative, actionable and meaningful - Create distinct user group -Implement																																							

					branding and improve the aesthetics - Simplify the navigation and controls
If→ NO (Description in 500 words)					
<b>B. SWAYAM / Other MOOCs</b>					
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	
01	26	22	100	100	Embrace teachers as valued MOOC enrollees. -Encourage teachers to connect to MOOC content in their classrooms -Extend teachers ability to use MOOC materials directly in classrooms. -Bulk Enrollment of students on Infosys springboard, - Guidance by college level SWAYAM Committee to enroll.
<b>C. e-Content development facility</b>					
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	
106		200		<ul style="list-style-type: none"> <li>Record your lessons on LMS</li> <li>Prioritize personal Connections for promoting LMS</li> <li>To encourage students for enrollment of LMS</li> <li>Make sure the assignment are done virtually.</li> <li>Collect feedback on course</li> </ul>	

		<ul style="list-style-type: none"><li>Analyze and iterate</li></ul>				
38	<b>Environment Awareness Program</b> <table><tr><th>Present Status</th><th>Target in next 5 years</th></tr><tr><td><ul style="list-style-type: none"><li>Demonstration of a Rain water harvesting Model in College premises.</li><li>Construction of Kolhapur type bunds in adopted village.</li></ul></td><td><ul style="list-style-type: none"><li>Introduce Jal Shakti Abhiyan.</li><li>Promote Atal Bhujal Yojana.</li><li>Under take Watershed Development Component of Pradhan Mantri Krishi Sinchayee Yojana.</li><li>Promote Surface Minor Irrigation</li><li>Promote Amrit Sarovar</li></ul></td></tr></table> <p><b>A. Circular Economy</b></p> <p>The college facilitates several techniques for the management of degradable and non-degradable waste. The primary focus is to reduce, reuse and recycle the waste. The college management has also advised to refuse anything which is not needed. The college has different coloured dustbins to segregate the different waste like solid, biomedical, etc. There are committees that deal with the minimization of waste. Every day the waste is collected in bins and disposed to a place where it can be converted into manure. In addition to this the college has organized many workshops on the implementation of these techniques effectively. Training programmes are conducted from time to time about the methodology of disposing the waste. It was stressed that we should avoid plastic items to the best possible capacity. It is also advised that the college should use utensils made of glass and metal. For solid waste management different bins have been placed at different departments. This ensures that solid waste segregated at the source. It is also ensured that the recycling of all these components is done in minimum cost and labour. Suitable techniques are applied for disposing of solid waste. For biomedical waste there is a classification of the waste in hazardous</p>		Present Status	Target in next 5 years	<ul style="list-style-type: none"><li>Demonstration of a Rain water harvesting Model in College premises.</li><li>Construction of Kolhapur type bunds in adopted village.</li></ul>	<ul style="list-style-type: none"><li>Introduce Jal Shakti Abhiyan.</li><li>Promote Atal Bhujal Yojana.</li><li>Under take Watershed Development Component of Pradhan Mantri Krishi Sinchayee Yojana.</li><li>Promote Surface Minor Irrigation</li><li>Promote Amrit Sarovar</li></ul>
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and non-hazardous or infectious and other hazardous. Since, institute has a primary health center therefore, the waste like plastic disposables, liquid waste and other things are again segregated then collected and kept in a storage then transported and finally sent for the treatment of the disposal. For the personal protection it has been advised to use masks while handling the waste. The institution has organized Swach Bharat Mission. Under this banner the utility of recycling the solid and biomedical waste has been elaborated. People from different aspects of life delivered their talks about the proper usage of waste. Moreover, the NSS volunteers and NCC cadets also demonstrated the proper procedure of disposing the waste in a selected villages. Waste recycling involves the collection of waste materials and segregation of the waste material. An overview is done every week to identify where the recyclable materials are generated in order to place the bins efficiently for recycling.

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

NSS unit of college was established in 1969 and has been actively involved in village adoption and development through NSS annual halt camps. NSS unit of the college has taken many firm steps in providing long term solutions to issues faced by localities in vicinity. Every year the NSS volunteers participate in cleaning of flood residues in adopted as well as villages nearby. Food and daily essentials are also provided as per need through college welfare funds. Various activities such as medical awareness, blood donation camps, rallies regarding environmental sustainability and development, pollution control, anti-drug addiction and superstitions eradication are organised from time to time. In June 2021 post flood cleanliness activity was organised in flood affected villages. After cleanliness activity daily essentials were distributed to the locals by welfare committee of college through NSS. In pandemic covid-19 situation college NSS students distributed food packages, masks, sanitizers to the needy and poor people. A medical team from Primary Health Centre of Dahiwadi guided locals about personal hygiene and Hb count, calcium count of ladies was measured and awareness regarding the same was provided. Rally regarding pollution control awareness and plastic pollution was also conducted by NSS volunteers during the camp. A lecture on Law and order and challenges in front of youth were organised during camp. NSS volunteers cleaned the cremation ground and tree plantation was done on the last day of camp. After annual camp NSS team of college actively organised a blood donation camp, Gram Sabha in the adopted village, A rally was



organised to create awareness among newly registers voters regarding their rights and duties. In the next five years we plan to organise awareness campaigns about natural hazards and calamities through disaster management drills. Mock drills by National Disasters Rescue forces (NDRF) was invited and conducted in the college campus in 2022-23. Soil and water testing in flood affected areas will be conducted by experts in order to create awareness in the adopted village. Veterinary campaigns and guest lectures will be organised for the farmers. Campaigns regarding health and hygiene will be organised for women and children of adopted village. We plan to develop communal harmony by organising various traditional program annually. Programs to safeguard extincting traditions in the vicinity by creating a collection of folk songs folk arts and rituals followed. We also plan to organise various programs to aware students about the glorious history of this place and freedom fighters and their role in national freedom movement. Overall in the next five years we aim to develop society to tackle and overcome natural, communal, societal as well as national disasters and develop generations of NSS volunteers that will work for betterment of nation.

Present Status	Target in next 5 years
2 villages	5 villages

### C. Green Audit/ Energy Audit

#### GOALS:

1. To conduct a baseline survey to know the reality status of green practices.
2. To identify strength and weakness in green practices conducted in college campus.
3. To analyze and suggest solution for problems identified from Audit Report.
4. To increase environmental consciousness throughout the campus among all the stakeholders.
5. To identify and assess if some environmental risks inside the college campus.
6. To motivate staff as well as students for optimized sustainable use of available natural resources.
7. To give the direction to work on some local environmental issues.

#### OBJECTIVES:

1. Develop a green policy (vision document) and framework for the college
2. To map the Geographical Location of the college
3. To document the floral and faunal diversity of the college
4. To examine the current practices which can have impact on the environment such as of resource utilization, waste management, energy conservations, etc.
5. Detecting any leakage, spills or other such problems with the operations and processes
6. To identify and analyze significant environmental issues in campus
7. To introduce and aware students to real concerns of environment and its Sustainability
8. To identify gaps and suggest recommendations to improve the Green Campus status of the college
9. Measuring the environmental impact of each and every process and operation on the air, water, noise, solid waste, energy etc.
- 10.

	<p>Measuring the environmental performance of an organization against best practices</p> <p>11. Providing a database for corrective action and future plans</p> <p>12. Communicating its environmental performance to its stakeholders though reporting will enhance the image of the company.</p>
39	<p><b>Implementation of National Programs</b> (Description in 1000 words) (List from DSW section)</p> <p>National programs such as Pradhan Mantri Anusuchit Jaati Abhyuday Yojana (PM-AJAY), Free Coaching for SC and OBC students, Top Class education for SC students, Post Matric Scholarship for SC students (National Scholarship portal), Pradhan Mantri Dakshata aur kushalata Sampanna Hitagrahi Yojana, Nasha Mukh Bharat Yojana, e-Anudan Yojana, National overseas scholarship program, National portal for transgender person are launched by DSW on website <a href="https://socialjustice.gov.in">https://socialjustice.gov.in</a></p> <ol style="list-style-type: none"> <li>1. The objective of PM-AJAY Program is to increase the income of the target population by way of various income generating schemes, skill development and infrastructure development and to reduce the poverty among the target population and bring them above the poverty lines. This Program is launched for financially weaker section of society.</li> <li>2. The objective of the Free Coaching for SC and OBC students Program is to provide coaching of good quality for economically disadvantaged Scheduled Castes (SCs) and Other Backward Classes (OBCs) candidates to enable them appear in competitive examinations for obtaining appropriate jobs in Public/Private Sector and/or for securing admission in reputed technical and professional higher education institutions. The courses for which the Coaching will be imparted shall be as follows: a. Group A and B examinations conducted by the Union Public Service Commission(UPSC), the Staff Selection Commission (SSC) and the various Railway Recruitment Boards (RRBs); b. Group A and B examinations conducted by the State Public Service Commissions; c. Officers' Grade examinations conducted by Banks, Insurance Companies and Public Sector Undertakings (PSUs); d. Premier Entrance Examinations for admission in (i) Engineering (e.g. IIT-JEE), (ii) Medical (eg. NEET), (iii) Professional courses like Management (e.g. CAT) and Law (e.g. CLAT), and (iv) Any other such disciplines as Ministry may decide from time to time. e. Eligibility tests/examinations like SAT, GRE, GMAT, IELTS and TOEFL. f. Entrance examination tests for CPL courses/National Defence Academy and Combined Defence Service.</li> <li>3. The Top Class education for SC students Program aims at recognizing and promoting</li> </ol>

	<p>quality education amongst students belonging to SCs, by providing financial support. The Scheme will cover SC students for pursuing studies beyond 12th class in premium institutes like IMs / IITs/ IIITs / AIIMSS/ NITs/NIFTs/ NIDs/ IHMs/NLUs and other Central Government Institutions.</p> <p>4. The Post Matric Scholarship for SC students (National Scholarship portal) aims at providing a Simplified, Mission-oriented, Accountable, Responsive &amp; Transparent 'SMART' System for faster &amp; effective disposal of Scholarships applications and delivery of funds directly into beneficiaries account without any leakages.</p> <p>5. PM-DAKSH (Pradhan Mantri Dakshta Aur Kushalta Sampann Hitgrahi) Yojana is a National Action Plan for skilling of marginalized persons covering SCs, OBCs, EBCs, DNTs, Sanitation workers including waste pickers. There are several other programs for SC, ST, OBC and other weaker sections of the society on DSW website including few given above. Among these courses, the post matric scholarship program can be launched and implemented effectively in the institution. Students will be informed about various scholarships launched under this scheme on institution website and encouraged to apply and get benefitted. Institution has well organised and efficient Scholarship section fir students that can provide essential information regarding various scholarships lunched on the official website of Department of Social welfare on regular basis through whatsapp groups created by institution by providing DSW tab on the institutions website. Another program from the programs enlisted above is Free Coaching for SC and OBC students Program which can be implemented effectively in the institution. The scholarships offered on the portal for SC and OBC students preparing for competitive exams can be executed on institution website as well as in Competitive exams preparation center of the institute in order to benefit maximum students through the scheme. Information of All other programs time to time launched by DSW will be provided to students by institutions office staff, class wise whatsapp group and on Institutions website ensuring effective implementation of national programs.</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	32	02	15	To invest in state-of-the-art sports facilities. -By hiring and retaining skilled coaches who are experienced in their respective sports - By Offering Scholarships and Financial Support -By establishing comprehensive training programs that focus on skill development, physical conditioning, and injury prevention. etc.
	State	11	01	10	
	National	01	0	01	
	International	-	-	-	
41	Achievements in NSS/NCC NSS				
	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	15	04	10	Functional participation in University, National and International events and camps regarding NSS
	National	02	-	02	
	International	-	-	-	
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 /Certificate s Target in next 5 years	Steps for improvement
	University	200	200	200	To invest in providing all the necessary facilities for cultural activities. -By hiring and retaining skilled coaches who are
	State	10	10	10	
	National	02	02	10	
	International	-	-	-	

				experienced in their respective art. - By Offering financial support To the students. etc.
	<p><b>Special efforts for Preservation/Conservation of Local /Regional Cultural Heritage -</b>  Preservation and conservation of local and regional cultural heritage play a crucial role in fostering a sense of identity and pride among communities. At the college level, special efforts are necessary to ensure that this heritage is not lost or forgotten in the face of globalization and modernization. Our college is serving as hubs for preserving and promoting the rich tapestry of local and regional cultures. In this regard, the following efforts are made at the college level to safeguard and celebrate the cultural heritage of a region. • A one day national seminar was organized by the department of History and department of Geography on Preservation and Conservation of Historical and Geographical Tourist Places. • Marathi department has been engaged in maintain and exhibiting artifacts, artwork, documents dedicated to local or regional cultural heritage • Special efforts are taken by the Marathi department to preserve Boli Bhasha Local Dialect by publishing special issue on Jagaar: Marathi Bhasha Gaurav Din. • Besides, the Cultural Committee of the college encourages students to participate and perform the folk art in various cultural events at different level. • Department of History and Department of Marathi has been actively engaged in maintaining and exhibiting artifacts, artwork, documents, and historical dedicated to local or regional cultural heritage. • Students and faculty often conduct fieldwork and research to explore various aspects of local and regional culture. This research helps in the documentation and understanding of practices, rituals, and historical events. • On the occasion of August Kranti Din college felicitated either mother or wife of Shahid Jawans. • Besides, college has developed long-term plans and strategies for the preservation of local cultural heritage.</p>			

43	Academic Achievements							
	Department	Distinction	First Class	Second Class	Pass Class	Fail	Total	Percentage of Passing
	English	2	8	7	5	-	22	100%
	Marathi	1	4	6	2	-	13	100%
	Hindi	1	3	4	7	6	21	86%
	Geography	7	11	10	4	7	39	96%
	History	2	8	9	8	-	27	100%
	Economics	2	6	8	6	-	22	100%
	Pol. Sci.	4	9	12	4	-	29	100%
	BCA	4	24	22	10	-	60	100%
	Commerce	8	61	90	24	8	191	99%
	Chemistry	9	47	56	32	2	146	93%
	Physics	2	2	9	1	-	14	100%
	Botany	3	2	-	-	-	5	100%
	Zoology	2	5	-	-	-	7	100%
	Micro.	1	5	6	1	-	13	100%
	Math.	2	4	1	-	-	7	100%
	Comp. Sci.	2	17	14	9	-	42	100%
	BVoc.	1	12	10	2	-	25	100%
	M.Sc. Chem.	2	12	8	-	-	22	100%
	MCom	3	26	9	5	3	46	97%
	MA English	-	12	4	-	6	22	45%
	MA Pol. Sci.	4	3	3	-	2	12	98%
44	Academic Audit							
	Current Grade	Future Plan for improvement			Target Grade for next Cycle			
	A++	<ul style="list-style-type: none"><li>➤ Preparation of Academic calendar</li><li>➤ Internal Academic Audit of each department</li><li>➤ University Academic Audit</li><li>➤ Continuous internal assessment through tests, assignments, tutorials etc.</li><li>➤ Analysis of Examination results</li></ul>			A++			
45	Academic And Administrative Audit							
	Current Grade	Future Plan for improvement			Target Grade for next Cycle			
	A+	<ul style="list-style-type: none"><li>▪ Strengthening quality enhancing activities.</li><li>▪ Strengthening research</li><li>▪ Increasing MoUs, Linkages &amp; Collaborations</li><li>▪ By conducting internal &amp; external AAA.</li></ul>			A++			

46	<p><b>Incubation and Start-Ups</b> Incubation and Start-Ups → YES/NO → YES →</p> <table><tr><th>Present number of Incubates</th><th>Present number of successful Start-Ups</th><th>Target number of incubates in next 5 years</th><th>Target number of successful Start-Ups in next 5 years</th><th>Steps to improve</th></tr><tr><td>05</td><td>02</td><td>20</td><td>15</td><td>1. Make MSME LBI more active. 2. Made provision for resources 3. Establish more industry linkages 4. Attract, select, retain and manage startups. 5. Assess the market conditions and entrepreneurs requirements. 6. Upgrading research infrastructure</td></tr></table> <p>Incubation and Start-Ups → if NO → (Description in 1000 words)</p>	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	05	02	20	15	1. Make MSME LBI more active. 2. Made provision for resources 3. Establish more industry linkages 4. Attract, select, retain and manage startups. 5. Assess the market conditions and entrepreneurs requirements. 6. Upgrading research infrastructure
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							
05	02	20	15	1. Make MSME LBI more active. 2. Made provision for resources 3. Establish more industry linkages 4. Attract, select, retain and manage startups. 5. Assess the market conditions and entrepreneurs requirements. 6. Upgrading research infrastructure							
47	<p><b>Best Practices-</b> A. Best practices currently adopted</p> <p><b>BEST PRACTICE: 1</b></p> <p><b>1. Title of the Practice: Glocal Perspectives to Research</b></p> <p><b>2. Objectives of the Practice:</b></p> <ul style="list-style-type: none"><li>➤ To motivate faculty and students to undertake quality research and publish research paper in peer reviewed, UGC care listed journals</li><li>➤ To motivate faculty to apply for financial assistance from government and non-government agencies</li><li>➤ To organize webinars, seminars, workshops, conferences on research, IPR, entrepreneurship, etc.</li><li>➤ To inspire faculty members to file and publish patents</li><li>➤ To stimulate the students for participating in Avishkar competition</li></ul> <p><b>3. The Context:</b></p> <p>The Research Committee is one of the strong pillars of Dahiwadi College Dahiwadi. Various activities conducted under research are research projects, research based seminars, workshops. Dahiwadi College Dahiwadi is humbly proud to help the authors of research publications to provide with a platform. The authors who come from different background have scholarly traditions and writing dispositions submit their research work for publications which is peer blind reviewed by the scholars from the same domain or discipline. This ensures the quality of the published material in terms of innovation,</p>										

relevance, importance and contribution to knowledge of the readers. Besides, there is university recognized research lab for pursuing M Phil and Ph D. Eleven faculty members are working as research guides.

#### **4. The Practice:**

Every year seminars/webinars/workshop is held wherein many stalwarts from various domains share their knowledge through interaction with the participants. The participants throughout India participate in the workshop and learn the idea of how to write research paper. The Research Committee organized: e-workshop on “Research Methodology” - 13<sup>th</sup> Jan 2022; workshop on “Research, Development and Innovation in Research” - 28 Feb 2022 ; webinar -12 Jan 22; webinar -17 Jan 22, workshop on “Entrepreneurship and Innovation as Career Opportunity” - 28 Feb 22. Institution’s Innovation Council (IIC) also organized various webinars on IPR and entrepreneurship.

#### **5. Evidence of success:**

During the assessment period the students and faculty achieved great success in various fields:

1. Papers and books published by faculty members: Papers: 173, Books and Chapters: 60
2. Ph. D. awarded: 07
3. Ph. D. registered: 09
4. Awards in Avishkar Competition: 10
5. Patents filed and published: 07
6. Others:
  1. MRPs given through corpus during the last five years: 3,015000/-
  2. Incentives for paper presentation and paper publication: 48085/-

#### **For more details:**

<https://www.dahiwadicollege.in/DisplayResearchPpr.aspx>

#### **6. Problems Encountered and Resources Required**

The faculty members are not submitting the research proposals in proper way and within time. The major problem encountered by the research team is plagiarism. The research articles with more plagiarism affects the standards of publications. The research articles or papers are rejected mentioning the percent of plagiarism included in the research publication. Many times the publication is not up to the standard of the journal, book. The students are first generation learners;



hence they are not aware of research practice within college.

**Supporting Documents:**

<https://www.dahiwadicollege.in/DSSR/DCDSSR17-22CR7.2.1%20A.pdf>

**BEST PRACTICE: 2**

**1. Title of the Practice:**

**Lab to land: Soil and Water Analysis Laboratory for Farmers**

**2. Objectives of the Practice:**

- To estimate the physical properties and available nutrients status (micro, macro & secondary nutrients) of soil.
- To promote Integrated Nutrient Management (INM) through judicious use of chemical fertilizers, including secondary and micro nutrients along with organic manures and bio-fertilizers, for improving soil health and economic returns to farmers.
- To estimate the physical properties of water and provide its status and recommendations.
- To provide soil and water testing training for students through skill development course and short term course.

**3. The Context:**

Most of the people from Maharashtra depend upon farming. But due to scarcity of water and nonproductive soil it is a need of the region to test soil and water for improvement of soil fertility and economic returns to farmers. Soil analysis gives valuable information essential for soil quality improvement. By tracking the exact amount of soil nutrients, a farmer can easily adjust fertigation in accordance with soil and crop requirements. Water analysis provides the status of water and creates awareness regarding potability of it.

**4. The Practice**

Soil testing lab analyzed soil samples for macro & micro nutrients (N, P, K, S, pH, EC, OC) received from farmers and agriculture department of Satara district, Government of Maharashtra. This data of analysis is uploaded online on Central Government Portal (Soil Health Card Portal) using 3.0 Soil software which generates report automatically. After this soil health card is generated by system for each sample with status and recommendations in it. These soil health cards are submitted to agriculture department of Man tehsil for distributing to respective

farmers.

The lab analyzed 625 soil samples received from agriculture department of Satara district, Government of Maharashtra and 1435 soil samples under National Food Security Mission (A programme of Central Gov. India). Similarly, the lab analyzed 140 soil samples directly received from farmers and students during the last five years.

Department of Chemistry organizes water testing camps every year in adopted villages Bhandavali, Wavarhire and Waghmodewadi. Samples are analyzed on site and reports are handed over to Sarpanch of the village.

As a part of extension work the department of Chemistry organized 8 awareness programmes for farmers/extension personnel during the last five years. They are as follows:

#### 5. Evidence of Success

- Farmers of Man tehsil achieved knowledge about soil condition and how to improve it.
- Getting proper knowledge of soil and water, expenditure on fertilizers is minimized by avoiding unnecessary fertilizers.
- Farmers are able to cultivate appropriate crop as per the soil condition.
- Farmers have got benefits of different government schemes by using soil analysis reports provided by the college lab.
- Water analysis reports created awareness regarding quality of water among the people and as per the recommendations given by the lab people started using water filters.
- The lab generated Rs. 222475/- revenue analyzing 2150 samples.

#### For more details:

1. <https://youtu.be/P3znSxAims8>
2. <https://www.youtube.com/watch?v=pNYCklk0DNo>
3. <https://www.youtube.com/watch?v=K-JY9On9omc>
4. [https://www.youtube.com/watch?v=UM\\_mN5N\\_okA](https://www.youtube.com/watch?v=UM_mN5N_okA)
5. <https://www.youtube.com/watch?v=S-B0JsFmqhk>
6. <https://www.youtube.com/watch?v=K6USbVAve7U>

#### 6. Problems Encountered and Resources Required

- 1) Lack of immediate availability of acetylene gas
- 2) Due to less rainfall in the region farmers are not aware of soil and water analysis.

	<p><b>Resources required:</b> Analytical instruments and human resources</p> <p><b>Supporting documents:</b>  <a href="https://www.dahiwadicollege.in/DSSR/DCDSSR17-22CR7.2.1%20B.pdf">https://www.dahiwadicollege.in/DSSR/DCDSSR17-22CR7.2.1%20B.pdf</a></p>
48	<p><b>SWOT Analysis</b></p> <p><b>Strengths</b></p> <ol style="list-style-type: none"> <li>1. Visionary and Dynamic management having tremendous trust in the society.</li> <li>2. Caters to socio-economically deprived, supports them morally and financially.</li> <li>3. Earn and Learn Scheme for poor needy students transformed lives of many.</li> <li>4. Brought radical socio-economic transformation of this region helped in providing education and employment.</li> <li>5. Earned the trust of GOs, NGOs and social bodies.</li> <li>6. Sound infrastructure and financial position.</li> <li>7. Dedicated staff, obedient students, supporting the principles and philosophy of Management and the founder of the Institution.</li> <li>8. Rich heritage of extension activities.</li> <li>9. Good potential of modifying educational programmes relevant to local, national and global needs.</li> <li>10. Girls &amp; Boy's Hostel providing safety and security at a reasonable cost.</li> <li>11. Multi-purpose Community Hall</li> <li>12. Adequate sport facilities and incentives to sportspersons and scholars.</li> <li>13. NCC for girls.</li> <li>14. Vibrant research culture for both teachers and students having university recognized research lab with adequate seed money.</li> <li>15. Government approved soil and water analysis laboratory.</li> <li>16. A good number of staff welfare measures.</li> <li>17. Ecofriendly campus spread over 6+9+7=22 acres of land.</li> <li>18. Recipient of DST-FIST, Livelihood Business Incubation Centre (MSME, Gov. of India).</li> <li>19. Fully automated library with 65000 books and e-resources.</li> <li>20. Classrooms with adequate ICT facilities and e-content development studio.</li> </ol> <p><b>Weaknesses</b></p> <ol style="list-style-type: none"> <li>1. Restriction on recruitment of staff due to govt. policies.</li> <li>2. Cut- off in Non-salary grant.</li> <li>3. For un-aided divisions put extra burden on teachers and infrastructure.</li> <li>4. Syllabus is not upgraded as per the regional needs.</li> <li>5. Diverse backgrounds and diverse needs of the students</li> <li>6. Resource scarcity due to remoteness and distant from industry and metro-cities.</li> </ol> <p><b>Opportunities</b></p> <ol style="list-style-type: none"> <li>1. Scope for more professional courses.</li> <li>2. Scope for emerging modern techniques in agriculture.</li> <li>3. Strengthening of training for competitive examinations.</li> <li>4. Adoption of SWAYAM/NPTEL courses.</li> <li>5. Scope for creation of vibrant sports culture with the help of indoor and outdoor sport facilities.</li> <li>6. Scope for more patents.</li> </ol>

	<ol style="list-style-type: none"> <li>7. Scope for generation of funds.</li> <li>8. Scope for accommodation of all the applicants due to high intake.</li> <li>9. Scope for increasing more water conservation programs.</li> <li>10. Strengthening of society oriented outreach programs by enhancing consultancy services.</li> </ol> <p><b>Threats</b></p> <ol style="list-style-type: none"> <li>1. Distance education</li> <li>2. Changing trend: Attitude towards professional colleges</li> <li>3. Drought prone area</li> <li>4. Retirement of expert faculty</li> <li>5. To generate employability for students</li> <li>6. To hire trained expertise due to remoteness and distant from industry and metro-cities.</li> </ol>
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**Alumni Association → YES**

Registered Alumni Association → YES → if YES upload Certificate

Separate Web portal for Alumni Activities → YES →

<https://www.dahiwadicollege.in/DisplayAl.aspx>

Number of Alumni registered →

Within Country	Outside Country
750	Nil

Target to increase number of alumni in next 5 years → 1050

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

The college has an active Alumni-Association entitled Ex-DCDians. It has been registered under Maharashtra Society Registration Act 1860 wide no. Maha/15848/ Satara / 24-3-2018. The executive council and its activities are uploaded on the college website with an independent tab. Since its inception, the association has significantly contributed to academic events and programs organised by the college. The meetings of the executive council are held at least twice a year. The association keeps good rapport with the present students and administration of the college.

**Activities conducted:**

1. Blood donation camp as a societal contribution: The scarcity of blood during pandemic COVID-19, blood donation camp was organized on 22 December 2020 at 9a.m. to 5 p.m. by the Ex- DCDians Association in collaboration with NCC and NSS. This camp is called for all friends, neighbors, and relatives. Sixty students and citizens donated blood in the camp.
2. Health check-up camp: The association regularly arranges BP, blood sugar level and Hb detection camps for college faculty, students, and the residents in vicinity.
3. Soil and water analysis: The association in collaboration with the college organizes soil and water analysis camps regularly for farmers in vicinity.
4. The association has generated research corpus of Rs. 51000/- to promote student research.
5. The association sponsored district level elocution competition organized by language departments in the college.
6. The association honored a female employee with the 'Best Female Employee' award on the occasion of International Women's Day (March, 2020).
7. The association sponsored prizes of Krida Mahotsav (Sports Festival) organized by the

	college. Besides the above mentioned contribution, the alumni association involves actively in following activities: 1.Karmaveer Birth Anniversary Week 2.Youth festival gatherings 3.Guest lectures on career guidance 4.Motivational talks by alumni. Contribution of alumni ➔ <table><tr><th>Contribution of alumni</th><th>Current</th><th>Target</th></tr><tr><td>Number of Books donated</td><td>470</td><td>1000</td></tr><tr><td>Amount donated</td><td>52500/-</td><td>100000//-</td></tr><tr><td>Number of Workshops/Lectures delivered</td><td>17</td><td>25</td></tr><tr><td>Number of alumni feedback given</td><td>380</td><td>800</td></tr></table>				Contribution of alumni	Current	Target	Number of Books donated	470	1000	Amount donated	52500/-	100000//-	Number of Workshops/Lectures delivered	17	25	Number of alumni feedback given	380	800
Contribution of alumni	Current	Target																	
Number of Books donated	470	1000																	
Amount donated	52500/-	100000//-																	
Number of Workshops/Lectures delivered	17	25																	
Number of alumni feedback given	380	800																	
50	<b>Placement cell ➔ YES</b> if YES ➔ <table><tr><th>Placement Ratio</th><th>Number of Job Fairs organized</th><th>Pre placement workshop organized</th><th>Target</th></tr><tr><td>3:37</td><td>05</td><td>05</td><td>10</td></tr></table>				Placement Ratio	Number of Job Fairs organized	Pre placement workshop organized	Target	3:37	05	05	10							
Placement Ratio	Number of Job Fairs organized	Pre placement workshop organized	Target																
3:37	05	05	10																
51	<b>Need Assessment for planning</b> <b>A. Local Needs:</b> The college collects feedbacks/suggestions from all the stakeholders from time to time and analyzes the needs and demands of local community in terms of opportunities,																		

	<p>requirements and further development. After proper evaluation of existing status, the college administration identifies areas that need improvement and prepares a detailed action plan for further implementation and improvement. Besides, the college collects inputs regarding local need from the society through various community engagement activities/programmes such as village adoption, awareness campaigns, various drives, farmers meets etc. organized by the NSS/NCC Units and various departments of the college.</p> <p><b>B. Global Needs:</b></p> <p>The mission of the college is align with the goals for internationalization of educational environment such as the integration of international competencies and perceptive amongst the students and promotion of innovation and global partnership. The college accesses the global needs and demands in education through various channels such as faculty participation in international academic meets, interacting with peers and via Govt., UGC and University notifications. The college is proactive in adapting changes according to the global higher education landscape. The college administration provides all the necessary facilities to the teachers and students to meet global challenges.</p> <p><b>C. Curriculum:</b></p> <p>The faculty of the college have been working at different capacity in the Board of Studies of affiliated university and autonomous colleges. They receive the feedbacks and suggestions on existing curriculum. While designing and developing new curriculum they ensure that the given suggestions will be incorporated in curriculum and are in align with the educational goals and the evolving needs of businesses, industry, community and students. Besides, the college collects feedback on curriculum from all the stakeholders every year and the suggestions received through them will be communicated to the respective authority for the future action. The curriculum of short-term courses, skill development courses and value added courses are developed by the faculty of the college considering the needs and demands of stakeholders.</p>														
52	<p><b>Seminar /Conferences/Symposiums</b></p> <table><tr><th>Sr. No</th><th>Years</th><th>International</th><th>National</th><th>State</th><th>University</th><th>Institutional</th></tr><tr><td>1</td><td>2018-2019</td><td>2</td><td>4</td><td>4</td><td>5</td><td>10</td></tr></table>	Sr. No	Years	International	National	State	University	Institutional	1	2018-2019	2	4	4	5	10
Sr. No	Years	International	National	State	University	Institutional									
1	2018-2019	2	4	4	5	10									

	2	2019-2020	1	4	5	22	24
	3	2020-2021	1	3	9	16	26
	4	2021-2022	8	8	13	3	7
	5	2022-2023	-	2	5	9	13
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			34	4	8800000/-	
	Conference/Seminar Hall			4	1	2500000/-	
	Laboratories			16	2	5000000/-	
	Hostels			2	1	15000000/-	
	Reading Rooms			4	-	-	
	Toilets			7	5	15000000/-	
	Renovation of existing infrastructure			-	-	2500000/-	
B	Procurement						
	Computers & Other Peripherals			252	50	2500000/-	
	Furniture			-	-	2000000/-	
	Books			66433	12000	1000000/-	
	Laboratory Equipment			-	-	2500000/-	
	Sports Equipment			-	-	1000000/-	
	Drinking Water Facility			-	-	500000/-	
	Learning And Training Resources			--	-	500000/-	
	Teaching Aids For Classrooms/Laboratories			-	-	1500000/-	
	Items For Differently Abled Persons			-	-	200000/-	



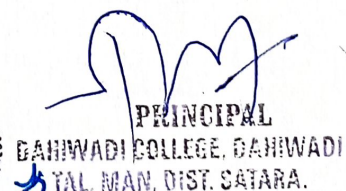
<b>C</b>	<b>Human Resource Support</b>			
	Engagement of Guest Faculty	-	-	500000/-

	List of Activities	Existing till 2022-23 (Please specify Count)	Proposed Budget for 2023-24	
			Proposed (Please specify Count)	Estimation
<b>D</b>	<b>Activities/Measures</b>			
	Training For Faculty (Including pedagogical training, administrative, academic and non academic matters) and Non-teaching Staff	59	06	200000/-
	Training For Students (Specify Type of Training)	23	07	100000/-
	Student Support Activities	52	40	200000/-
	Environment, Health & Safety related activities/items	30	20	100000/-
	Quality and Equity enhancement measures	5	2	50000/-
	Development of linguistic competency	4	2	25000/-
	Skill Development Programs	56	12	100000/-
	Others (Specify)	-	-	-

  
Coordinator  
IQAC

Dahiwadi College Dahiwadi  
Tal- Man, Dist-Satara (MS) 415 508



  
PRINCIPAL  
DAHIWADI COLLEGE, DAHIWADI  
TAL. MAN, DIST. SATARA.