



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

**DAKSHIN SOLAPUR TALUKA SHIKSHAN MANDAL'S V.
G. SHIVDARE COLLEGE OF ARTS, COMMERCE AND
SCIENCE, SOLAPUR**

JULE SOLAPUR-1, VIJAPUR ROAD

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

V.G.Shivdare College of Arts, Commerce and Science of DSTS Mandal, Solapur was established in the year 2005 under the vision of Freedom fighter, "Sahkaar Maharshi" Late.Shri.V.G.Shivdare Anna.

At the onset the institute provided the degree courses in streams of Arts, Commerce and Science-Biotechnology. In step with the expanding worldwide emphasis in biotechnology, the institute started Master's degree in biotechnology, pioneering the P.G. course in the city.

The college is situated equidistantly from every corner of the district providing education to the students belonging to rural areas especially Dakshin Solapur.

The institute organises Haemoglobin check-up camp, blood donation camp, voter's awareness campaign and other activities to inculcate the sense of social outreach in the young minds.

The faculty members are well qualified with good sense of social responsibility which helps the students to not only progress in education but also in all walks of life. The student's assessments are routinely done by taking class tests, tutorials, assignments, and seminars. The committees in the college are CDC, IQAC, Grievances redressal committee, women cell, anti-ragging committee that takes care of the welfare of the students.

Our college is known for conducting examinations systematically, may be the internal or the University level examinations

We run several practical oriented courses, we provide the best infrastructure with all the facilities including well equipped laboratories, library, smart classes, ladies room with spacious and pleasant premises. The campus is well protected and entry of each person in the college is under vigilance of gate keeper. During the pandemic situation the faculty members updated themselves for using various mobile apps and computers which could help in the online teaching learning process. Various online and offline teaching methods are used.

we are one of the fastest growing institute specialized in education and Biotechnology. Workshops and trainings are our strength. Our trainings are not only limited to biotechnology, Microbiology or genomics but many more. These courses are provided at basic charges to maximize its utilization. We have active partnership in developing a strong industry academia and institute partnership. Our institute strives to "create the best to serve the best."

Vision

"Imparting quality education to weaker classes of the society to face global challenges and to achieve, attain and accomplish the vision of our founder president to expand the Academic vista of the Institute".

Mission

1. To provide educational avenues to rural, semi-urban and economically backward classes to gain academic excellence.
2. To inculcate value based education and promote the students to resolve the problems through research in sciences.
3. To promote scientific and social approach for betterment of society along with inspiring the students to bring about economic and cultural transformation, making them socially conscious and responsible.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Though the Institute runs on Permanent NonGrant basis, it provides Good infrastructure with well equipped laboratories especially in Biotechnology.
- Secured an Excellent Grade from P.A.H. Solapur University under an Academic and Administrative Audit.
- Skill based certificate courses offered along with regular curriculum.
- Committed and dedicated management.
- Well Qualified and experienced teaching faculty.
- Conductive ambience for teaching and learning.
- Harmony between different functions of the institution.
- Appreciable performance in sport and cultural activities.
- Good number of functional MoUs with national Institutes, Training bodies and NGOs for academic purpose.
- A strong unit of 200 volunteers sanctioned and dedicated for social contribution under NSS.

Institutional Weakness

- Least funding resources for infrastructure from government/non government bodies.
- Less number of permanent teachers.
- Limited flexibility about online modes for financial activities.
- Unable to raise funds due to a higher proportion of students with poor economic backgrounds.
- Less support from industrial resources for mobilization and employment generation.
- Non availability of hostel facilities for boys and girls.
- Limited professional courses available under commerce faculty.

Institutional Opportunity

- Strengthening of ICT as a teaching and learning resource.
- To start more number of certificate courses in Social sciences and Biotechnology.
- Potential to grow as a Center for excellence in Teaching, Learning and Research.
- Conserving and development of Bioresources and heritage of the region.
- Strengthening of campus placements and Networking with alumni.
- To elevate UG to PG for Commerce and Arts and the PG to Research centers for Biotechnology.

Institutional Challenge

- Initiation of research and development in challenging areas of science and technology
- Creation of a competitive environment to attract student enrollment.
- Professional competency and reorientation of teachers.
- Development of competencies in students for communication and presentation skills.
- Placement opportunities to be explored.
- To develop the institution as Nodal center of Biotechnology and allied subjects.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

V.G. Shivdare College is an educational institute affiliated to P.A.H, Solapur University, Solapur. It was established in 2005 with UG program including B.A, B.Com and B.Sc. - Biotechnology. In past few years collage grown up with PG in Biotechnology with all facilities. The college ensures effective curriculum delivery through well planned and documented process. Academic council prepare the academic calendar of the college and also the concerned departments prepare their departmental academic calendar. The UG course module are divided into two parts i.e. Part-I Theory based exam – Total marks- 40 (Each paper) and Part-II College assessment- Total marks-10 (Each paper) it may include Home Assignment/Seminar/Group discussion/Tutorials/Viva/Outreach program.The Project Work/Dissertation is made mandatory at the end of sixth Semester for UG and Fourth Semester for PG comprising of 100 and 200 marks for the respective programs including Viva Voce/Report/Review of literature, research methodology/result & discussion and findings as well as references. At the end of A.Y teachers submits syllabus completion reports to IQAC, which is helps to implement effective curricula.

The goal of institute is to prepare students to be skilful in higher studies and succeed in their career. The learning outcomes of these courses shall be beneficial in redreassal of local, national and global developmental issues. However, the skill learnt through expereintial studies, training program, field visit to industries NGO,Corporate, banks,historical places, research and village based campaign under NSS developes scientific commercial and scoical approach amongs strudent. By last few A.Y institute had started new certificate courses under skill development and add on courses as prescribed in P.A.H, Solapur University, Solapur.

The college staff members were put up their efforts in desiging and development of university curriculum as a subcommittee members in board of studies by facilitating the work in syllabus design and also contributed as an admission committee.The curriculum is designed carefully by addressing the recent policies/scheme/theoretical approaches.The institute management has improved the infrastructure and ICT facilities by installing ICT enabled classrooms facility. Along with these the feedbacks play vital role in the dextorous running of the institution. Feedbacks are taken from students,teachers, parents, employoers and alumni.

Teaching-learning and Evaluation

Since the establishment of the institute, it has won the trust of people as it provides well prepared citizens to the

society. May it be in terms of academics, skills, discipline or soft skills. So, every year almost all the sanctioned seats are filled & sometimes extended quota is required. The process of admission is fair & transparent as per the rules & regulations prescribed by the PAHSUS are always strictly followed during the Admission process. The motto of institute to provide quality education to the students from rural & economical poor background is thus served. The infrastructure is well versed for providing the healthy learning environment even for the differently abled students. The classrooms are well equipped with materials like blackboards, benches & projectors that assist them in learning. The college library is flooded with books, magazines journals as well general reading books that can help them with their syllabus & inculcate in them the love for reading. The teaching staff is well skilled & has even coped up with the pandemic situations by making the use of different mobile apps conducting lectures, circulating notes & conducting exams through google forms. The teachers use ICT based teaching methods, ppts, traditional chalk board, & bilingual approach for teaching. Class tests, tutorials, assignments & internal assessment examinations are conducted to evaluate the progress of students. Teachers (mentors) pay personal attention to certain groups of students (mentee). Along with taking care of routine syllabus the students are encouraged to participate in research activities & different events that can help them to develop a research aptitude & overall personality development respectively. These activities include organization of conference, educational trip workshops, hands-on training programs, different competitions, seminars, webinars & guest lectures. Feedback from students consistently taken after each activity or events & changes or improvisation are done accordingly if & when required. The students are also encouraged to take part in such activities organized by the other colleges. The college was already running the Add on certificate courses to enhance skills of students. Now, taking into account the New Education Policy 2020 few more certificate are added to extend the skill based education to the students.

Research, Innovations and Extension

V.G. Shivdare College of Arts, Commerce and Science has a good academic performance in the Research, Innovation and Extension. Students from the college have always shown an excellent participation and contribution in the different activities and areas based on research, innovation and extension. Students of B.Sc. III Biotechnology and M.Sc. II Biotechnology have compulsory research projects as a part of their curriculum prescribed by PAH Solapur University, Solapur.

They start preparing for literature surveys and selection of research topics from B.Sc. II and M.Sc. I am Biotechnology. All students undertaking research projects are strictly instructed to follow the code of ethics and non plagiarism policy accepted by the Institute as a part of Code of Conduct. Faculty members guide the students for their project for designing experiments and research writing. Under the innovative ecosystem of the college, the students are promoted to present their innovative ideas through different national and international conferences, project and poster presentation competitions, and the Avishkar Research Festival etc.

The scientific temperament in the students is also nurtured through various science based activities, seminars, webinars, workshops, and competitions regularly organized by the departments. For all these activities eminent personalities from local, state, national and international levels are invited to interact with and guide the students.

Students are also promoted to present their thoughts, arts, views and ideas through the annual magazine "Biotalent" published by the college. The college has established an Incubation Cell and Research Committee which monitors the research projects undertaken by the students and promotes their ideas for Entrepreneurship

development in them with help of the assistance provided by the Institute. V.G Shivdare College, Solapur has organized various extension activities keeping in view the outreach of these activities to the society and involvement of students by their active participation. For this collaborative efforts have been taken by the NSS department of the college and government as well as non-government organizations.

Infrastructure and Learning Resources

Institute has utilized adequate funds for maintenance and creation of newer facilities through

establishment of Classroom, CCTVs, RO Water, Rainwater Harvesting Unit, Solar Panels, Purchase of New Equipments, Building Maintenance, Annual Maintenance Contracts. College has Wi-Fi facility. Two Smart classrooms (with Projectors) are available. A separate computer lab is available for all students as well as for all teaching staff members.

- Class Room: Well ventilated 11 classrooms are available in college with requisite teaching aids.
- Girls common room: The college has separate girl's common room. The seating capacity of girl's common room is around 50 girls at a time.
- Administrative Office: Well-furnished administrative office equipped with Xerox facility, computers, printers etc. The documentation room is available.
- Security: The college has security room at college entrance gate. The college provides 24 hours security guard at gate. The college has installed CCTV at various location for security purpose.
- Library: Library has 3338 books, 423 reference books, 4728 text books, 1186 titles, 36 periodicals, 15 national journals, 21 magazines and large collection of books on
- Competitive Examination. College library provides Interlibrary Connectivity, Book-bank Scheme and provides papers and syllabus for students.

The laboratory is well equipped with all required facilities for batch wise conduct of practical's in different branches of science. The important facilities include spacious working tables with washbasin, racks for chemicals, reagents and glassware, Incubator, laminar airflow, Refrigerator, cooling Refrigerator, essential laboratory equipment's like weighing balance, pH meter, colorimeter, hot air oven etc. Sufficient number and quantity of glassware and chemicals are available which are maintained regularly for smooth conduct of the experiments. The instrument lab is lab which is equipped with the instrument required for research in biotechnology and biology. It includes very expensive instrument required for PCR analysis, UV- Visible spectrophotometer, CO2 incubator.

RO drinking water facility is made available in the college building to ensure the health of the students. There is also a canteen in the college premises, providing hygienic breakfast, vegetarian lunch, coffee, tea etc.

Student Support and Progression

Various types of Post Matric scholarships, free ships are aptly distributed to SCs/STs/OBCs students and eligible unreserved students are benefited under Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Scheme. Rests of all unreserved students are benefited under Fee Waiver Scheme provided by the

institution. College has instituted a unique 'Poor Boys Fund' for helping needy and poor students for continuation of education and to reduce dropout rate.

The college focuses on competence based education and organizes a variety of capacity building and skills enhancement programs in Soft skills, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene) and ICT/computing skills. College effectively runs skill based courses such as Certificate Course in - Plant Tissue Culture, - Tally ERP9, - Molecular Diagnostics and students enrolled for such courses develop additional confidence for placement through on and off campus drives.

The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases which is timely monitored by Internal Complaints and Compliance Committee. Percentage of students' progression in B.A., B Com. and B.Sc. and M.Sc. Courses is 30% students opting for higher education. College publishes a magazine Biotalent yearly to highlight academic achievements of college. All the departments publish wall paper and encourage students to publish articles in Biotalent.

Some of the articles are selected for prizes by the University. The college has outstanding performance in extension, social outreach activities and in sports. Cultural Department has shown exemplary performance with Winner and Runner-up trophies in University Youth Festival events. Students have secured state level prizes in cultural events. A number of students have won University level and State level prizes in individual cultural events. The performance in sports is peaking with higher participation of students in University, state level participation. Though the Alumni association of the college is not registered, but is actively contributing to development of college in various forms like donations and valuable feedback and suggestions.

Governance, Leadership and Management

V.G. Shivdare College of Arts, Commerce and Science, Solapur is one of the well-known institutes in Solapur, providing quality education to the students from rural areas and economically weaker section of the society. The governance of the college is transparent and decentralized. The institute has its clear vision and mission which is displayed on the website and reflected in each activity conducted by the institute. The principal and IQAC body acts as a bridge between College Development Committee (CDC) and governing council. The IQAC of the college works impressively by organizing different programs for students and staff members. The college runs under D.S.T.S. mandal Solapur, which is the parent institute. As the college is permanently non-grant the main funding resources are obtained by student's fees and government scholarships.

Sometimes the financial needs are fulfilled by D.S.T.S Mandal, Solapur. An effectual mechanism for mobilization of funds and optimal utilization of funds is run by the institute. At the end of the every financial year audit is conducted to ensure proper utilization and accounting of the funds. The achievements of the staff members are appreciated by the institute by felicitating them. The institute takes care of the staff by providing them various welfare facilities like PF, accidental insurance and LIC policy. Sidheshwar Sahakari Bank provides loan facilities and saving schemes to the staff members.

Records of the staff who quit the job is regularly maintained, and also the service details and service books are maintained up-to-date. Management has appointed required number of full time teachers on permanent, temporary and contractual basis for U.G. and P.G. The staff vacancies are filled timely and is a transparent process conducted as per the rules of P.A.H. Solapur University, Solapur. Necessary leave (casual/sick/duty) is sanctioned taking into account the needs of the individual. In-house faculty development program, orientation program, refresher program, induction program are conducted.

Financial support is provided by the college to the staff members for attending the workshops, seminars and conferences outside the college. The management looks after the progress of staff members by getting the self-appraisal form filled by them.

Institutional Values and Best Practices

To combat the gender stereotypes, institute had under taken deliberate efforts by celebrating various gender equity and sensitization programs like Women's Day, Women's self-defense camp, food festival, competitive exam guidance etc. Women's safety and security is ensured by CCTV surveillance all over the campus and a single gate with security guard.

In harmony with sustainable development goals, Institute started several green initiatives also. College maintains consciousness and viability by utilizing alternative sources of energy like solar energy. For energy conservation purpose sensor based systems and LED bulbs are used all over the campus. The biodegradable waste is recycled in 'vermicomposting unit'. All other wastes including biomedical waste, e-waste and non-degradable waste is sorted and given to the Solapur Municipal Corporation. High priority to water conservation is given by utilizing rain water harvesting system; bore wells, construction of tanks, waste water recycling and maintenance of water distribution in the campus. College has good green carpet area covered by various trees, shrubs, grasses etc. Helping in maintenance of biodiversity with barrier free environment for divyangjan. Other Green campus initiatives are landscaping with trees and shrubs, restricted entry of automobiles, pedestrian friendly pathways, use of bicycles etc. College has received 'Appreciation certificate' for contribution towards environment, cleanliness and maintaining greenery in college campus from Family planning department, Solapur. Various activities and national days are celebrated to inculcate the national pride amongst the students like Independence Day (15 August), Republic Day (26 January), Constitution Day (26 November) etc. The proper discipline is maintained in the college. The uniforms of all three faculties are of different colors and timings are also different. Institutes few best practices are

1. **Patronization of students through economic support** – Institute distinctiveness lay in providing fee installments facility to poor students, financial help through poor boys funds even by providing college uniform and sports kit to needy students. By this activity college provides the quality education to the underprivileged students, taking in note the vision of our founder.
2. **Lab to Land work culture**-Institute has developed a culture' among the students creating self motivated entrepreneurs.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	DAKSHIN SOLAPUR TALUKA SHIKSHAN MANDAL'S V. G. SHIVDARE COLLEGE OF ARTS, COMMERCE AND SCIENCE, SOLAPUR
Address	Jule Solapur-1, Vijapur Road
City	SOLAPUR
State	Maharashtra
Pin	413004
Website	www.vgscollege.com

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	D. S. Sutrave	0217-2303411	8329098384	-	vgs.biotechnology@rediffmail.com
IQAC / CIQA coordinator	Anmol Valsange	0217-2991066	9158488058	-	principalvgs@sus.ac.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	Yes Linguistic Letter.pdf
If Yes, Specify minority status	
Religious	
Linguistic	Kannada Linguistic
Any Other	

Establishment Details				
State	University name	Document		
Maharashtra	Punyashlok Ahilyadevi Holkar Solapur University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC				
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Jule Solapur-1, Vijapur Road	Urban	3.28	1974.75

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Biotechnology	36	HSC Science	English	180	180
UG	BCom,Commerce	36	HSC	Marathi	360	345
UG	BA,Arts	36	HSC	Marathi	360	148
PG	MSc,Biotechnology	24	B.Sc Life Sci.	English	60	60

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	1				0				26			
Recruited	1	0	0	1	0	0	0	0	7	4	0	11
Yet to Recruit	0				0				15			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				15			
Recruited	0	0	0	0	0	0	0	0	8	7	0	15
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				13
Recruited	11	0	0	11
Yet to Recruit				2
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	1	2	0	3
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				4
Recruited	1	0	0	1
Yet to Recruit				3
Sanctioned by the Management/Society or Other Authorized Bodies				3
Recruited	1	2	0	3
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	0	0	2	1	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	5	3	0	8
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	3	1	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	4	6	0	10
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	1	1	0	2	

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	349	0	0	0	349
	Female	324	0	0	0	324
	Others	0	0	0	0	0
PG	Male	22	0	0	0	22
	Female	61	1	0	0	62
	Others	0	0	0	0	0
Certificate / Awareness	Male	94	0	0	0	94
	Female	125	0	0	0	125
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	42	38	49	62
	Female	67	58	64	62
	Others	0	0	0	0
ST	Male	2	3	2	1
	Female	4	0	0	1
	Others	0	0	0	0
OBC	Male	38	47	58	63
	Female	54	67	64	65
	Others	0	0	0	0
General	Male	130	122	120	121
	Female	162	163	161	163
	Others	0	0	0	0
Others	Male	106	113	115	124
	Female	83	81	86	95
	Others	0	0	0	0
Total		688	692	719	757

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>In order to provide quality education for the students in rural areas to the courses of their choice, we provide the degree course in three different streams that is Arts, Commerce, and Science. With this, the students can get the opportunity to learn any of the subjects of all three streams as per/her interest. Not only do we take care to prepare the students with theoretical knowledge but also make sure that they have additional skills that are required by them to progress in their careers. We arrange various visits, seminars, hands-on training, and many such events that could help the overall personality development of the student. Taking one step ahead in achieving the goal of New Education we are having a Centralized</p>
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	<p>library that is flooded with textbooks, reference books, popular national and international journals, and books that can help the students for preparation of competitive exams. All the students have the access to read the books from all streams which provide them the knowledge of multidisciplinary subjects.</p>
2. Academic bank of credits (ABC):	<p>Resolution to get registered in the Academic bank of credits (ABC) portal is being put forward before the management committee of the institute. V.G.Shivdare college of Arts, Commerce & Science will formally register in the ABC portal as soon as the resolution is being approved by the management committee.</p>
3. Skill development:	<p>Skill India is an initiative launched by the government in 2015 to train students for different industry related skill based jobs. The vision of the college is to promote value based and skill based quality education for the students from rural areas. The institution takes efforts to inculcate the positivity and interest among the students for acquiring skills in vibrant fields.</p>
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>The college runs various courses like Arts, Commerce and Science and in the University syllabus we have the languages which are included i.e. Marathi and English. Teaching is done using the mother tongue and English. Using online courses to promote other languages is the future plan of the institute.</p>
5. Focus on Outcome based education (OBE):	<p>Education and achieving knowledge is a continuous lifelong process the college always makes the effort to cater to this and to motivate students to gain positive outlook, hardworking ability and to develop courage to be successful in work and also in academics. The program outcome from the students is to be a perfect blended personality who shoulders the responsibility and becomes an effective and enigmatic citizen of the country. We assess the students by taking weekly tests, tutorials and assignments so that we can come to know how well the objectives are reached and the outcomes are achieved.</p>
6. Distance education/online education:	<p>During the covid pandemic different technologies were used by faculties were the google classroom, zoom, Teachmint, WhatsApp, google meet for online</p>

teaching, ppt presentations. E-books, e-journals were made available for project students. Use of internet facility to inculcate online learning management resources was done. Some plans which were implemented at college level are Training of staff for online teaching process, to make awareness about online tools available for academic purpose, to provide the facility at college campus for online teaching, to increase the internet bandwidth at college campus, To conduct online webinar and workshops. Students were also assessed by using online mode with use of google form, e-mail ,WhatsApp and some other mobile applications and the satisfactory results was achieved.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
757	719	692	688	688

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 23

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
23	23	24	24	23

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
47.66	28.12	56.55	37.56	32.21

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

EFFECTIVE CURRICULUM DELIVERY

The college follows the following strategies to implement the curriculum within prescribed time frame and according to the examination schedule of Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

Teaching Plan: At the beginning of each academic year on first day each teacher prepares the teaching plan and departmental calendar for the year. It helps for effective and timely completion of stipulated portion. According to that we make time table and display it for students. If due to some reason lectures were not conducted on particular day, it is compensated with extra lectures.

Term end Staff Meetings:

The staff meetings entire teaching staff comes together and discusses. This provides a idolized opportunity for enhancing instructional capacity of the students. The principal organizes faculty meetings at the beginning of every semester. Detail discussions are held on academic calendar, the changes in the curriculum, if any, workload distributions as well as measures to be taken.

At the end of each semester the staff meeting is arranged in which there is a detailed discussion of achievement of teaching learning activities.

Departmental meetings are organizing by head of the department and workload distribution is submitted to the principal as well as timetable committee.

Timetable:

Timetable is also communicated to all students by pasting it on the notice boards and also communicated through social media.

Induction Program:

Principal of the collage address students who are new entrants in their first year of the study. He gives information of vision and mission of the collage, curriculum delivery policies and process, facilities available in the collage.

Identifying students learning capability and Adding measure: We identify poor performing and brilliant students according to their previous year record, then use separate strategy to enrich them with subject content. For better understanding some content we use bilingual teaching methodology if required.

We carry remedial classes for poor performance students to bring them in good platform. We provide and suggest reference books to brilliant students.

Teaching strategies: To reach the goal of programs and courses we deliver the subject content to our students by means of

1. Classical Method: Lecture and tutorials with classroom discussion, home assignment
2. Demonstration Method: Students have regular laboratory work
3. Discovery/Inquiry Method: Project work or Field work is given to students
4. Visits to various industrial, historical places to flourish their knowledge through on sight visit

College Supports/Contribution:

1. Purchase of new books in library as per the revised curriculum
2. Downloading e-books from open resources
3. Encouraging use of ICT tools
4. Purchase of instruments as necessary in science department
5. Promotes faculties to improve subject content at attending conferences, seminar, workshop, faculty development program.
6. Establishing Memorandum of Understanding (MoUs) between different organizations for developing academic network.

Evaluating curriculum delivery:

1. **Review of curriculum completion:** Each staff at the end of term review their syllabus completion in departmental level meeting with Head and submit his syllabus completion report to office.
2. **Feedback from students:** The feedback is taken from students whether they are satisfied by curriculum.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Response: 18

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Response: 18.14

1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
254	19	56	181	133

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Response:

Apart from regular curricular activities the teaching staff always tries to correlate the content within syllabus with our life.

Professional ethics –

The college teaches the professional ethics to the students. While, dealing with biotechnology, there is needed to follow some ethics and morality. Our staff always tries to inculcate these values among the students. The commerce co-curriculum has included the Field visit in industry, bank visit and eminent businessman, while dealing with these visits our staff explains how these personas followed ethics in their business and their role in nation support.

- 1) IPR and Patent programme
- 2) Disaster management workshop

3) Personality development programme

Gender Equality –

There should not be bias w.r.t. gender. We create awareness of gender equality among the students. The work done by Rani Laxmibai, Savitribai Phule sets good example for women leadership. Such examples are set in our curriculum helps to promote the girls mindset. The chromosome is responsible for sex determination, there should not be discrimination in male and female or not sex should be determined it explained to our students. NSS students participates in gender equity related activities. College conducts gender equity related programs such as-

- 1) Women cell under Celebrates International women's day
- 2) Hemoglobin Testing by Nss unit
- 3) Internal complaint committee under organize guest lecture.
- 4) Women's Self-defense (Lathi kathi Prashikshan) training organized by Sport Department
- 5) "Damini Pathak" for Girl student

Human Values –

Recently for all streams at F.Y. level university adopted the Democracy, Elections and Good Governance subject as a fundamental course. It will help the students to understand the human values. The Arts faculty has maximum of its syllabus which point outs the Human values, this will helps students to build as good citizen. There are various role model studies are included in their curriculum, what is the role of these eminent personalities in society development will be though and how we should follow them is explained by our teachers. We promote students for participation in NSS, as it will help them to inculcate the human values and social responsibilities. Following programs are run-

- 1) Marathi Rajbhasha din
- 2) Science Day
- 3) International consumer day

Environment and Sustainability –

All faculty streams at S.Y. level have compulsory environmental studies course which helps to create awareness about the environment and its sustainability. Apart from this the role of biotechnology in sustainable development and environment conservation is also introduced to students at their curriculum. The institution took care to inculcate values related to environment and sustainability through various practices under NCC -

- 1-Biotechnology department organized poster competition, Rangoli competition, Quiz competition.

- 2- Nss unit conducted Tree plantation, Swaccha Bharat Abhiyan, street plays on the issues of environment
- 3- Rain water is stored and used.
- 4- Ozone day celebrate by department of science.

The details regarding the course contents and its cross-cutting issue addressed is enclosed as additional data.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 56.14

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 425

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)

Response: Yes

File Description	Document
Upload supporting document	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 87.7

2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
286	263	297	306	295

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
330	330	330	330	330

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)

Response: 58.57

2.1.2.1 Number of actual students admitted from the reserved categories year - wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
121	193	175	105	103

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
238	238	238	238	238

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.2 Student Teacher Ratio

2.2.1 Student – Full time Teacher Ratio (Data for the latest completed academic year)

Response: 32.91

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Response:

- The faculty members adopt unique teaching methodologies like giving simple explanations, using daily life examples, explaining a concept and asking questions, giving topics for case studies, using ICT for teaching, Chalk and talk methods that the students enjoy. The teachers in our college use **bilingual** methods for easy understanding. During pandemic situations teachers have adopted online teaching methods effectively and updated students with different ICT tools.
- The use of ppts, audio-video clips, animation and ICT makes the learning process more interesting to the students. The students are taken to visit the different places which make them learn the things by observation. For example students from Arts faculty are taken to visit historic monuments and forts which they can remember while they have to describe it later. The students from Commerce Department are taken to **visit** to the Bank and the Spinning wheel which gives them the idea about the work culture that can help students in future. The students from Biotechnology department visit different research institutes like NRCP, IIMR and nearby labs. They are also taken to the places nationwide may it be IIHR-Bangalore, Science park- Rajasthan, IKP centre – Hyderabad and NBPGR- Delhi.
- This provides opportunity to see different instruments, highly equipped labs, meet expertise in concerned subjects, know the culture of different regions and this can help them to work at any place in the future. We also provide some **add on courses** to the students like “Modilipi” for Arts students, Tally and certificate courses in share market and trading analysis, soft skills in banking for the students of Commerce department and Course in Tissue culture, Probiotics, Molecular diagnostics and Molecular genomics for the Biotechnology students. Institute run a '**Earn and learn**' scheme where the students are paid for the number of hours they work. This inculcates in them the value of hard work. The students thus learn many a things from their own

experience. The process of teaching and learning in our college is always a two way process wherein students are encouraged to actively take part in this process. The students are being asked questions in the class after every lecture, the environment by the teachers is maintained such that the students can easily approach the teachers for asking doubts, seeking guidance, seminars of the students are taken and group discussions for them are organized. **This helps in participative learning.**

- **Effective use of** Social networking sites like WhatsApp, Facebook have helped us to share information about E - contents, competitive exams time table, college administrative information, and also for general awareness.
- Last year students of UG and PG have to prepare the project for partial fulfillment of their degree. The students on their own choose issues in the society and try to **resolve** them through the findings of their research work. They are exposed to the trouble shooting situations and helped out to come out of it while doing different experiments.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

File Description	Document										
2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years											
Response: 90											
2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:											
<table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>26</td> <td>26</td> <td>26</td> <td>26</td> <td>26</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	26	26	26	26	26	
2021-22	2020-21	2019-20	2018-19	2017-18							
26	26	26	26	26							
Upload supporting document	View Document										

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)
Response: 70.94
2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B

Superspeciality / D.Sc. / D.Litt. year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
21	18	17	15	12

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

Internal assessment helps us to maintain the discipline and punctuality and to prepared students for the external / University assessment. The schedule for internal exams is already included in the academic calendar. We conduct the internal theory exam prior to University assessment. Exam committee prepares time table and other other things in advance. Infromation about it is circulated to all the staff members and to the students through the notice. Concerned teacher prepare the question paper, confidentially it is handed to the Principal. Also the pattern of question paper is designed in such a way that helps the student to write the University assessment papers. The seating arrangement of the students is changed so that they do not get any opportunity for malpractice. There is a flying squad for supervising the smooth conduction of exam. The teachers will continuously supervise the students while they write the exam. The assessment of the papers is done by the subject expert. The papers are shown to the students and the marklist is displayed on the notice board so that they can understand where they can improve and hence the transparency is also maintained.

Along with the theory papers the internal exams are also conducted for practicals. Even during the pandemic situation the exams were conducted for which, the questions for tests were prepared in google form by respective teacher. The link was made open only at the commencement of examination on the scheduled date and time. After examination the students are provided with correct answers for the MCQ or one line answer type questions. The questions or task for home assignment is given to students well in advance. UG students have annual pattern for practical exams, the internal practical exam for them is conducted in the second term whereas for the PG students it is conducted for each semester that is twice a year. The students have to perform the practicals, complete the write up and give the Viva-voce. While conducting internal exams all the rules and regulations are followed strictly and environment is maintained in the same way as it is maintained during the University level exams. Alongwith with these exams the students are also given the home assignments, tutorials, seminars and class test. The student's grievances about the assessment of their paper are made to approach the concerned teacher and get their queries solved.

The queries of the students are instantly solved by respective teacher. For conducting the external exams the supervision duty is allotted to the teaching staff. The non-teaching staff are also assigned the duties distributing the required stationary and required at emergency. The question papers are confidentially maintained by the internal and external Seniorsupervisros. Putting up the correct seat numbers, displaying it on the notice boards is responsibility of non-teaching staff. The answer-sheets with reports are collected properly and then sent to the University with sealed envelopes. Our college is having good reputation for conducting systematic examinations. Entire process of examination is under the vigilance of Principal

File Description	Document
Upload Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

Response:

The outcomes for each programme and courses are made available to all on college website. The Program Outcomes (POs) and Program Specific Outcomes (PSOs) are stated in curriculum provided by affiliating university. The Course outcome (COs) given in curriculum are directed to the teachers as it is. If the course content is not highlighted in curriculum it is prepared by ourself mapping with POs and PSOs. Each teacher is instructed to communicate the POs and COs to all students during their regular lecture hours. Induction programme for teachers is conducted in the college to share and improve the previous and new objectives and outcomes and these all are transferred to the students by various modes. Institute's CDC is always ambitious about the outcomes of the all the programmes. It always take a step ahead to the student's welfare.

The learning, course and programme objectives and outcomes are prepared by making these are attainable. These need to be reviewed in light of student's ability, developmental levels, their initial skill sets and time available to attain these skill sets.

The Vision and Mission statements are displayed on the college website as well as in college campus. The objectives are formed by taking into account of the students are from the urban as well as the rural and also taking into consideration of different for various classes and all programmes. These all objectives and outcomes are carefully shared to students by teachers verbally and in the Principal's address regularly. The subject objectives and outcomes are mentioned in the syllabus of each subjects of all programmes specifically with all classes as prescribed by the Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

The learning objectives and outcomes are conducted and verbally discussed with students after the

completion of each chapter by the teachers to enlist the applications leading from all topic. The learning, course and programme objectives and outcomes are produced to covers the goals those can beneficial in making students bright future are as like,

- Students will verify a texts by developing a curiosity and ambitious towards their bright future and also the attractive opportunities.
- Students can develop a oral communication skills by participating in various extra curriculum activities and able to deliver their work to the public.
- Students are able to practice a writing process with importance of examination and also they can classify the writing skill to write for variety of purposes.
- Students can develop a skill to read a variety of texts within their historical and cultural context.
- Students can recognize a topics and prepare questions and find out the proper method and material for the research work etc.

The way of develop Objectives and Outcomes by college with conducting the Exams and motivating with the toppers, organizing Extra curriculum activities and competitions like quiz, Elocution, Scientific Rangoli, Culinary, Drawing, Photography, model, Paper presentation and poster presentation felicitated with the awards and providing certificates.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2 Pass percentage of Students during last five years

Response: 85.09

2.6.2.1 Number of final year students who passed the university examination year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
239	197	165	139	139

2.6.2.2 Number of final year students who appeared for the university examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
270	206	204	188	165

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response: 3.8	
File Description	Document
Upload database of all students on roll	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
00	00	00	00	00

File Description

Document

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

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

Response:

Incubation Cell and Innovation Ecosystem

V.G. Shividare College of Arts, Commerce and Science promotes an approach of research and innovations through an Incubation Cell and Research Committee established in Year 2017. The spacious and well equipped laboratories, library equipped with reference books, magazines and journals, and smart classrooms are the infrastructural assets of the college which help in promoting the research and innovative approach.

The Incubation and Research committee has adopted a research policy mentioning the code of ethics and code of conduct for research work being undertaken in the Institute by the students and faculty. This code of ethics and conduct is displayed on the institute website.

The incubation center at our institute helps the students apply practical approaches to their innovative thoughts. The incubation center at our institute helps the students apply practical approaches to their innovative thoughts. In the academic year 2020-21, Mr. Sunilkumar Bake and Mahadev Mhetre from M.Sc. I Biotechnology, working on an academic research on the topic: "Effect of fermented organic acid as plant growth promoter and pest controller" was encouraged to set up a small scale individual startup for a product based on the promising results of project work. This start up was very successfully implemented by them with the support and guidance of the incubation center. In the academic year 2021-22, students

from B.Sc. III Biotechnology developed the organic vermicompost in the college compost as a part of academic project. They also studied the effect of vermicompost along with microbial consortium on the plant growth. For this project they got support from Vermicomposting unit at the college. In the academic year 2017-18, students of B.Com. exhibited their ideas and thoughts on entrepreneurship in the Commerce lab of the college.

The research committee. has been working towards promotion of this approach by regularly organizing several scientific, research based activities, workshops, guest lectures, conferences, competitions, student participation in research events like Avishkar Research festival, celebrating the days with scientific and social importance, awareness about current issues etc. Some important mentions include conferences: Rashtriya Marathi Parishad, Rashtriya Itihas Parishad, Challenges in service sector, Contemporary Research in Life Sciences and Cancer Biology, Exploration on Intellectual Property Rights and Quality Practices in Research, Workshops on Metagenomics, Polymerase Chain Reaction, Research and Review writing skills, Protein purification techniques, Guest lectures Entrepreneur Development, HIV-AIDS, plant and water conservation, industrial visits, laboratory induction for first B.Sc. first year students, participation of students in activities for spread of science and scientific temperament etc.

The incubation and research committee has always been keen towards providing and getting available quality resources, and practical oriented training to the students. In view of the same VGS-ICRC has taken initiatives in establishment of Memorandum of Understanding with the reputed institutes with advanced facilities and student support. Students undertaking academic research projects are also supported and guided for getting their quality work published. Students are also encouraged to put their creative thoughts and views through the annual college magazine 'Biotalent'.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 19

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
4	7	5	2	1

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals on UGC care list during the last five years

Response: 0.65

3.3.1.1 Number of research papers in the Journals notified on UGC CARE year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2	3	4	4	2

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

"V.G Shivdare College of Arts, Commerce and Science, Solapur" is keen towards contribution to the neighbourhood community through extension activities. Participation of NSS volunteer students is focussed as a key factor in these activities for sensitizing them to different social issues of importance and their holistic development. The college has organized various extension activities keeping in view the outreach of these activities to the society and involvement of students by their active participation. For this collaborative efforts have been taken by the NSS department of the college and government as well as non-government organizations.

The NSS unit of college is actively involved in timely organization of extension activities. A regular and planned framework is followed by the NSS unit every year for such organization of activities to be successful. This framework involves planning and implementation for the activities like blood donation camp, tree plantation, awareness rallies on social issues like women empowerment, gender nondiscrimination, population control, AIDS awareness, election awareness etc. Active participation of students and social outreach of these activities have promoted mutual benefit of both students and citizens of society. These activities have helped for minimization of ignorance towards important aspects of social issues through awareness campaigns. Self awareness of students on such issues is observed to make them confident and help in their overall development as a responsible citizen.

The V.G. Shivdare College has also taken equal efforts for the implementation of extension activities related to the policies adopted by state and national government as well as contemporary social campaigns. These activities include organization of activities related to social issues like gender awareness, water conservation, AIDS awareness, election awareness, Swachha Bharat Abhiyan, national yoga day etc. Students and staff members of the V.G. Shivdare College are actively involved in promotion of these activities across the society and their effective implementation.

A.Y. 2020-21 was highly affected by COVID-19 pandemic situation. Keeping in view the same, outreach of extension activities to the society and involvement of students through semi-virtual platform was followed. For this collaborative efforts have been taken by the NSS department of the V.G. Shivdare College and government as well as non-government organizations. The NSS unit of college actively participated in awareness program about the COVID-19 vaccination. In collaboration with Civil Hospital, Solapur the COVID 19 vaccination drive was also conducted in the campus of V.G. Shivdare College, Solapur.

V.G. Shivdare College of Arts, Commerce and Science has served through the NSS extension activities for the cause of social contribution through different programs. Some of the important mentions include -Organization of programs concerned to socially important issues, Organization of NSS Camps and social contribution, Participation in awareness campaigns, Organization of blood donation camps, Organization of COVID vaccination drive, Social contribution to flood affected people, orphan children etc. All these extension activities conducted in last five years by NSS department of the college have an overall positive impact on the student volunteers towards their sensitization for social issues and holistic development.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

V.G Shivdare College of Arts, Commerce and Science, Solapur has organized various extension activities keeping in view the outreach of these activities to the society and involvement of students by their active participation. For this collaborative efforts have been taken by the NSS department of the college and government as well as non-government organizations.

The efforts and participation as well as an excellent contribution of the NSS department through various extension activities is well recognized by different government and nongovernment bodies. These include an award from Indian Red Cross Society's Gopabai Damani Blood Bank for excellent contribution by organizing Blood Donation Campaign. Every year the college organizes at least one blood donation camp, especially on the occasion of founder of Dakshin Solapur Taluka Shikshan Mandal: Hon. Late Shri. V.G. Shivdare (Anna). Through these camps the blood donors have helped the needy ones in the society. This continued contribution has always been recognized by the collaborating Blood Banks.

In 2017, the college participated in an Election Awareness Campaign organized by Election Office, Solapur District and Solapur Municipal Corporation. In this campaign the College took part for spreading awareness among the citizens about the fundamental right of voting and the value of each individual vote. For this the NSS volunteers visited door to door in the decided areas. An awareness rally was organized by Solapur Municipal corporation in collaboration with the election office in which V.G. Shivdare College of Arts, Commerce and Science participated very actively. The college got an award for excellent participation in the ChitraRath Election Awareness Competition certified from Collector, Chief Election Officer and Deputy Collector, Deputy Election Officer of 'Solapur Municipal Corporation, Solapur'.

Participation of college staff in Bhiksha Mukti Rally 2019, was recognized and certified by Prarthana Foundation, Solapur.

In Year 2021, V.G. Shivdare College of Arts, Commerce and Science participated in the 'Eye Donation Awareness Week' by Civil Hospital Solapur by organizing an essay and poster competition. Winners of these competitions were certified and felicitated by Civil Hospital, Solapur. The N.S.S. coordinators of V.G. Shivdare College were also felicitated for their excellent cooperation for this cause by authorities of the 'State Level Blindness Control Program' and 'Shri Chhatrapati Shivaji Maharaj Civil Hospital, Solapur'.

NSS unit at the V.G. Shivdare College of Arts, Commerce and Science has always received a great support and guidance from Principal Dr. B.N. Kamble who had actively served as a NSS program officer in P.A.H. Solapur University, Solapur. Principal Dr. B.N. Kamble was felicitated by an award as a Best Program Coordinator of NSS activities by Higher and Technical Education Minister of Maharashtra State Hon. Shri. Uday Samant in an award ceremony held on 25th April 2022.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

Response: 84

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
29	19	13	9	14

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

3.5.1 Number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years:

Response: 19

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

For optimal utilization of adequate infrastructure and physical facilities for teaching-learning the college runs in two shifts morning and afternoon.

The location of the college is environment friendly. The college is established in the large area of 3.28 acres. There are total 3 streams (Arts, Commerce and Science) with 3 UG and 1 PG facility, along with 11 spacious classrooms with 2 are smart classroom having LCD projectors and high speed internet connectivity. Apart from this 250 people capacity holding an airconditioned and well ornamented auditorium is present. The college has five laboratories such as Biochemistry lab, Bioscience lab, Biotechnology lab, Computer lab and PG laboratory. The continuous electricity supply is provided to the college campus and diesel based generator and UPS systems are used as energy backup.

Accompanied by the labs one spacious instrument lab with all modern equipments necessary for practicals and research work is available. A large central library is also the part of the infrastructure. Library consists of over 3338 books of English, Marathi, History, Geography, Economics, Biotechnology, Microbiology, Immunology, Molecular Biology and other life science subjects. The books for competitive exams are also available in the library. The library also have rare books, manuscripts & journals. The library also made provision for e-books, a software named as Delnet is used for this purpose. College infrastructure also includes a common staff room, common ladies room, administrative office, principal cabin, IQAC and NAAC room. Wi-Fi connectivity is present in the campus for students and teachers. RO water is provided to the students, teaching and non-teaching staff. Common reading room and separate discussion zone is present for students self-learning activity. A study park is also there with greenery around it for the study purpose for students. As a part of curricular implementation a green shed net of area 600sq.ft. is developed for cultivation of ornamental plants like gerbera and plant tissue culture.

For security and safety the college campus is under CCTV surveillance. The college has a canteen providing tasty and nutritional food for staff and students. College has large playground of 81533.91 sq. ft. With a separate gymkhana having all amenities and sports equipments. indoor and outdoor games are made available to students.

The college always takes efforts for overall development of the student that's why extra-curricular activities and sports facilities are made available for the students. The students of the college have showed best performance at university, state and National level also. The college provides various facilities to the sportsmen and players.

The cultural department of the college is very active and well recognized in the affiliated university. The students of the college participated and won the various prizes at zonal level and state level cultural events. The rooms and halls are made available to the students for practice of cultural events. The students enthusiastically get involved in the youth festival organized by P.A.H. Solapur University. In the last five years students won the prizes in various competitions like street play, debate, elucation, folk dance etc.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 17.63

4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
4.90	2.10	21.61	2.87	4.16

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

Response:

Desire, Quality Education, Innovation, Excellence & Dedication are 'Punchsutras' of D.S.T.S. Mandal's Institutions.

Library is the Soul of Institute. Being established in 2005. Now it has become a Central Library is formed in year 2016. Library occupies total area of 2903Sq.meters. The library is well furnished with comfortable furniture for reading area. Library has books from Arts, Commerce, Biotechnology, D. Pharmacy and U.G. and P.G. Pharmacy. We also have competitive exams related books collection. Library has good number of audio-visuals CD/DVD collection separately. The total collection of Central Library is 13443 Books. We also subscribed 36 different departments' subject periodicals.

Library Department is automated with SOUL 2.0 (Software for University Libraries) Integrated Library Management Software designed and developed by the INFLIBNET Centre. Library Management Software to manage different library activities such as Book Bar-coding, Acquisition and Cataloguing, Circulation, OPAC (Online Public Access Catalogue), Serial control etc. Library Department made attempts to upgrade

and update the library.

The library subscribed 10 news papers. There are three english papers and 05 local news papers in Marathi language and one state level news paper. We also have agrowon for agriculture information. The separate library cards of each departments are issued to all students for issuing text books, reference books and journals.

Library has a separate section for the students and staff. Library learning resources are books and Periodicals, which are made available to the students, faculty staff and research scholars. Library has 100 Mbps optical fiber BSNL Broad Band Internet Facility with Wi-fi for students, faculty staff and research scholars. There are two unites 'Digital Library and Research Cell'. Each unit has four multimedia computers and all in one printer facility for scanning and printing. These computers have DELNET E-Resources facility with E-Books, E-Journals.

DELNET User ID and Password is provided to all faculty members and students. On DELNET E-books, E-journals, can be viewed and downloaded as per their requirement. Separate computers are provided to the library users for Reading, Learning, and research. We also advice students about the e-PG Pathshala for online video lectures of all the faculties. e-PG Pathshala is an initiative of the MHRD under its National Mission on Education through ICT (NME-ICT) being executed by the UGC.

The library alumni donated different subject's books to the library. The library has two MOU's with Abijit Kadam Institute of Management and Social Sciences, Solapur. (Bharati Vidyapeeth Deemed University Pune) and Shri Sangameshwar Education Society's Sangameshwar College, Solapur.

The Library Department has provided Book Bank Scheme for students and also "Best Library User Award" given by library. Library organizes Book Exhibitions for students and staff. In library all books arranged with 'DDC 20' Classification System. Students and Staff use all the facilities of Library regularly.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Response:

The college looks for the global need of technology and updates its IT facility including the Wi-Fi. There are total 45 computers (hp) are present in the campus. The computers are connected with the LAN. The college has a spacious computer lab with 21 computers especially for the academic uses only, students and teachers complete their research work especially related to bioinformatics. The IT facilities are updated and

maintained consistently with the help of trained technical persons. Along with the computer lab other IT facilities are provided, such as (13) CCTV surveillance, smart classrooms with LCD projectors (02) & WiFi connectivity with BSNL optic fiber **bandwidth** of 200Mbps, all over the campus. 4 routers are placed at various points in the campus for students free Wi-Fi. For the electricity backup diesel generator and UPS batteries are available (04) . The engineers and service providers are hired to repair or replace, if any major damage or impairment occurs. For the safety of IT facilities each computer in the campus is updated time to time with antivirus systems (Net protector, Quick heal). All the computers are supported by Windows 7, Windows 10 and Windows 11 system. The desktops are updated with MS office 2010 and MS Office 21. As per the requirement total 2 laser printers, 2 all in one Printers having scanning and photocopy facilities (Canon) are available. One photocopy machine is present for the educational and administrative purpose. Tally ERP9 gold multiuser, Educare version3.0, these software's are used in administrative work. The IT facilities are utilized in the following manner.

1. Computer lab –It has 21 computers having educational software's and apps such as Tally, Teach mint, Zoom, Google meet, Google classroom webex and bioinformatics software's like SWISS PROT, BLAST, Tree view, CLUSTAL W, ADMET, LigPlot, Auto dock, Swiss dock etc.
2. Administrative office – Educare and Tally ERP-9 gold are used for administrative purpose.
3. Smart Classroom –There are 2 smart classrooms with LCD projectors, internet connectivity and audio systems.
4. Library – Library has total 12 computers for students and teachers possessing various software's. The main software used for library management is SOUL 2.0. Delnet is used as e-resource software by the students and teachers for educational purpose.
5. Auditorium – A well-furnished and air conditioned auditorium with 250 people holding capacity having LCD projector, internet connectivity and high quality sound system is available.

Details of Institute ICT Infrastructure as follows,

1. Number of computers - 45 for the students and 10 for administrative
2. LCD Projectors- 03
3. Library Bar code- 01
4. CCTV- 13
5. Printer-02
6. Printer with scanners- 02
7. Battery backup with generators- 04
8. Biometric machine- 01
9. UPS- 05

• Distribution of computers in the college

1. Administration Office – 5
2. Store – 1
3. NSS – 1
4. IQAC – 1
5. Common Facility Centre – 1
6. Library – 12
7. Computer Room – 21
8. Auditorium Room – 1
9. ICT enabled Classroom – 2

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3.2 Student – Computer ratio (Data for the latest completed academic year)	
Response: 16.82	
4.3.2.1 Number of computers available for students usage during the latest completed academic year:	
Response: 45	
File Description	Document
Upload supporting document	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)				
Response: 39.06				
4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)				
2021-22	2020-21	2019-20	2018-19	2017-18
16.33	15.79	19.05	17.02	10.75
File Description	Document			
Upload supporting document	View Document			
Institutional data in the prescribed format	View Document			

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

Response: 68.74

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies and philanthropists year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
456	528	514	505	433

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: B. 3 of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 52.48

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
420	300	410	380	350

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 31.65

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
104	97	90	98	69

5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
286	263	297	295	306

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 7.32

5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3	0	0	0	0

5.2.2.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
10	5	8	12	6

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 58

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at

national/international level (award for a team event should be counted as one) year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
11	14	11	8	14

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 249

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
298	36	421	325	165

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The alumni association of the college is the registered body, it works and contributes for various activities in college. The alumni what's app group of our institute is framed. Teachers working in the college are also the alumni and they take up the initiative in arranging alumni meet and the key members for the association.

The alumni association contributes through various means :

1. Book donation – few of the alumni donate books to the library, few books are kept as reference books in the library and few are issued to students every week to prepare their own notes in the concern subject.
2. Placement and career guidance – Alumni of our institute are working in various companies and National institutes. They assists and guide their juniors by giving references of the H.R.s of the companies in which they are working. Students with their references apply for the jobs and they have faired well and are placed at reputed companies like Biocon, Serums, Intas, High Media, Hetero etc. students are also benefited from them in undergoing trainings, workshops etc. in their labs. Students attained these programs and the opportunities guided by them.
3. Entrepreneurship awareness - One of our notable alumni Chidanand Fulari has started his own floriculture poly house where he has developed the technology for growing export quality of flowers (Gerbera) which is an incredible job in and around Solapur where the environmental conditions is harsh for such an ornamental plant to be grown. Other alumni entrepreneurs are working in diverse fields namely Nahida Patel is running her own tutorial classes, Akash Patil is a businessman having his own electronic showroom, Parmeshwar Patil is a professional photographer and Balaji Vankar is having his own water purification plant.
4. Alumni meet – Every year the alumni are invited to the institute to interact with the students. This is a good platform to them to share their views, ideas and experiences about the corporate world. By this the students are inspired and motivated and develop rapport with their seniors. The alumni share their contact numbers by which notifications and advertisements regarding job vacancies are shared. It also gives opportunity to alumni to meet their friends and classmates.
5. Promoting institute events – The alumni participate in various events organized by the college like the workshops and conferences. The students working in academics participate in oral and poster presentation. Few have won the prizes in the events.
6. Green campus contribution – The alumni contributes generously to the college by providing plantlets and tree samplings to make the campus green.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

With the vision and mission of the Institute Keeping in mind that the students of the institute are provided with Scholarship under “Poor boys fund” where the economically weak students are awarded with cash prize annually. Students passed out from our institute have achieved excellence in the companies they are working with. Students have accomplished the glory of the college by cracking National exams like **Gat B, SET, and BCIL**. Students of Arts has qualified the civil service and competitive exam. Through research best out of waste and value added products with medicinal worth was prepared which won **applause from Scientific Fraternity** at the Scientific Festival Avishkar. The most creditable achievement is the selection of the posters to be presented at the **Indian National Congress 2017**.

To achieve all this good governance and leadership ability is required under the guidance of Principal, the mission is achieved. Various committees are framed they carry out the duties allotted to them profoundly.

Institute celebrates birth anniversary of Late V.G Shivdare Anna. Different activities of Sports, social, cultural and co-curricular activities like, blood donation, organ awareness program, Career guidance, Female students HB camp are arranged every year. Different members from society, university and other states participate in the program. Decentralization and participation can be best visualized here.

The working of the administration in academics can be well explained by the constituted committee. “**Goal to Good Governance**” can be explained from the International Conference organized institute

EPIBT 2021: Emerging Perspectives in Biotechnology a two days International Conference.

Context

The Institute is always in the forefront to accept the challenges the organization of the International Conference **EPIBT** was put forth before the **CDC** which constitutes the Management governing body members, University appointed members, teacher represent of Institute, Student representatives, Alumni, Non-teaching members and Principal. The approval was sought from the **CDC**.

The practice

The organization began with the formation of various committees with staff members from the faculty of Arts, Commerce, Science, Library, Nonteaching members. The Flyers, Invitation cards, Inaugural and Valedictory schedule, Speakers to be invited, Guest of Honor to be Called, Coordinator and convener to the program, Food Committee, Cultural program to be conducted, Sponsors to be approached, Security needed, accommodation to be provided, International institutes to be targeted was decided well in advance under the supervision and guidance of the Institute members and Principal. All the proposed work was completed as per the schedule. The greatest support to organize the mega event was our Chairman who

generously financed for the event along with few sponsors and P.H.A. Solapur University. The two day International Conference was successfully conducted with participation of student's researchers, Faculty members all around the world.

The impact: as per the instructions by the committee chairman the best arrangements were made Poster Competition, Paper presentation, Key Note Address various sessions, Maharashtrian North and South Indian cuisine was served. In totality the best and first International event was organized by our Institute.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

College organizational structure comprise of Governing body, local Management, the Principal, the teaching staff, the non-teaching staff and the student representatives. The highest decision making body here is the Governing body, which directs the local management, CDC about the improvement of the institute, it also instill and fixes issues relating to finance, infrastructure, faculty recruitment and the matters related to the overall development of College. Local management committee includes 13 members, constituted according to Maharashtra university act,1994 and reconstituted with the name College Development committee as per Maharashtra University act, 2016. The Governing Body conducts periodic meets at least thrice a year.

Staff secretary, departmental heads and administrative officer head assists the Principal regarding local issues which are in concern with students and college development. Departmental heads supervise and manage and ensure the smooth functioning of the department by having periodic students and staff. Issues of curricular and extra-curricular activities are discussed here.

The staff secretary make-believe a regular conversation with teaching and non teaching staff about effective planning and implementation of programmes like teaching, learning, academic administration, curricular and extracurricular activities. Meetings are held at least twice every semester.

The college administration looks into work related to admission, examination, eligibility, documentation, interaction with, university, government institutions like Maha DBT. The principal reforms and monitorins and streamline the several activities organized in the college.

Various college committees like Admission, Scholarship monitoring, Internal Complaint Committee, Grievance redressal, Anti ragging, Women cell, Internal discipline, Purchase Committee, Library committee and library advisory committee etc, are constituted for the effective planning, preparation and execution of academic, administrative and extra-curricular purposes. Each committee consists of the co-coordinator with student, parent, teaching and non teaching members.

The core library organization takes account of Librarian, Assistant Librarian and library attendants. Library advisory committee additionally of faculty member (Librarian) from other institutes also.

The Internal Quality Assurance Cell (IQAC) insights correct path to achieve the institute goals for the quality enhancement and sustenance. It ensures and keeps monitoring on the internal quality of the institution. Following are some highlighting examples of **deployment of institutional with perspective plans**

- To take quality initiatives through IQAC - IQAC undertaken different initiatives about CIE, feedbacks and related co-curricular activities
- To obtain academic excellence - Institute had obtained excellence award from AAA external committee during A.Y 2021-2022.
- Organization of IPR workshop - National level IPR workshops have been undertaken by department of biotechnology
- To organize conferences/ Seminars/ Workshops- Different workshops, conferences, international conferences are arranged.
- To start new skill development courses- 10 new certificate courses have been started.
- Establishment of new MOU and linkages with national and international institutes - New international Linkage with University of Putra, Malaysia, established in A.Y 2021-2022
- To establish well furnished conference cum seminar hall- Conference cum seminar hall was made available in the year 2019-20
- To create 'Lab to Land culture'- New hydroponic, vermicompost, organic acid production has been started.
- Installation of solar energy in college campus - 10KV capacity solar systems has been installed during A.Y 2014-2015

File Description	Document
Upload Additional information	View Document

6.2.2 Implementation of e-governance in areas of operation

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

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff

Response:

The institution has effective welfare measures. Any financial/ non financial aspects of staff members are effectively handled by the institute. In financial aspects regular and on time salary is given through bank transfer without any delay.

It supports its staff in various aspects; some highlighting welfare measures are,

- **Financial support /Aid**

The college is co-operative towards college employees. If a particular staff is in need of financial support then advance against salary on demand is provided. College provides festival advance to teaching & non-teaching staff. Beside extra financial aid is provided through loan facility from Solapur Siddheshwar Sahakari Bank Ltd, here supportive document like staff salary certificate, experience certificates are provided on demand without delay. Keeping in view the future financial security to all staff, the Institute contributes specific amount towards PF as per the PF rule.

- **Staff Accidental Insurance**

As per guidelines received from UGC and University, Staff Health Insurance and Accidental insurances are also provided; the concern financial statements are visible in institutes audits.

- **On demand leave**

Institute provides leave system for its staff. Pregnant & Lactating mothers are given necessary concessions in their day-to-day work and they are given flexible timings as per their requirements. Maternity leave are given to the needy female teaching & non-teaching staff. Duty leave is given if applicable. Other leave like casual, study and earned leave are provided on demand.

- **Staff felicitation**

Special staff felicitation programs are arranged regularly by the institute for achieving prizes/awards in curricular and non curricular activity.

The authorities of the institute equally share good & bad events of the staff's family life. As Institute has a multicultural environment in the campus, the management ensures the celebration of all the festivals together.

- **Institutions Performance Appraisal System for teaching and non- teaching staff**

Institute follows rules and regulations abided by UGC and PAH Solapur University, regularly. Each appointed staff members are assessed for their performance in field of work. This will help to recognize the strength and weakness of employee in organization. Accordingly it conducts regular internal self assessment of our staff and which will be verified and remarked by Head of section and finally by Principal of our college.

- **Teachers self appraisal:**

For teaching it covers the general information with academic background of staff and academic performance of staff –

- 1) Teaching, learning and evaluation related activities
- 2) Co-curricular, extension and professional development related activities
- 3) Research, publication and academic contribution.

- **Self appraisal for – a) Director of Physical education and b) Librarian:**

They were assessed by their nature of work, responsibilities, active involvement in upgrading knowledge by participating in training programs, involvement in academic activities etc.

- **Non-teaching self appraisal:** For non-teaching staff were assessed for their nature of work, responsibilities, active involvement in upgrading knowledge by participating in training programs, involvement in academic activities etc. This will be provided by staff itself. The concern department/section head gives overall rating for staffs knowledge, communication etc. along with any remarks.

File Description	Document
Upload Additional information	View Document

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 2.56

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	1	2

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Response: 50.89

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
18	18	20	15	15

6.3.3.2 Number of non-teaching staff year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
10	10	09	12	11

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

The trust 'Dakshin Solapur Taluka Shikshan Mandal' was established in 1976. This trust runs College of Pharmacy (Poly), College of Pharmacy (Degree), V.G. Shivdare college of Arts, Commerce and Science, Unique English medium School and V.G. Shivdare Junior Science College under single roof.V.G. Shivdare College of Arts, commerce and Science is the permanently non-grant college affiliated to the

P.A.H. Solapur University, Solapur. The main resources of funding are Student's fee, scholarships provided by the government and sometimes the financial needs are fulfilled by the parent institute D.S.T.S. mandal. Apart from these, funds are mobilized from alumni contribution, and philanthropists. Other than this the funds are obtained from the P.A.H. Solapur University, Solapur for various workshops, seminars and conferences. The companies which provides laboratory service provides sponsorships for various programs.

Resource mobilization policy and procedure –

An effectual mechanism for mobilization of funds and optimal utilization of resources is run by the college. The College Development Committee (CDC) access, plan, implement and supervise the fund raising activities of college. The budget of academic, administrative and campus development related activities are prepared and get it approved by the CDC. If there is any new expenditure which is not included in the budget then with prior approval by the management the funds will be made available for mobilizing from another budgetary funds. The teaching, administrative staff, alumnistudents and CDC-members contribute to mobilize resources. Best possible utilization of available resources is ensured to serve the needs of students and teachers. At the end of the financial year internal and external audit is conducted to ensure proper utilization and accounting of the funds. Accounts are maintained by office superintendent and head clerk. The audit is done by MR. S.B. Pandhare (Chartered accountant) Solapur. Dates of audits completed are mentioned in the table given below.

Besides this, fundings obtained from the university for various activity like NSS, seminars, conferences are also audited by the P.A.H Solapur university and College auditors regularly.

Sr. No.	Year	Date of completion of audit
1.	2017-18	09 May 2018
2.	2018-19	28 May 2019
3.	2019-20	02 July 2020
4.	2020-21	24 June 2021
5.	2021-22	21 May 2021

Internal resources of funding –

1. Student's fees
2. Fees generated from workshops
3. Government scholarships

External resources for funding –

1. Dakshin Solapur Taluka Shikshan Mandal , Solapur
2. Alumni contributions
3. P.A.H Solapur University, Solapur
4. Philanthropist's contribution

File Description	Document
Upload Additional information	View Document

6.5 Internal Quality Assurance System

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

Response:

Institute IQAC was established in the college in during A.Y 2010-2011, since then the process of quality improvement has begun through different methodological approach. IQAC works again and again on to enlarge the quality culture in its all aspects of the activities by documented channelizing process. Understanding and seeing to the need of the majority of people of the arena with kannada as the mother tongue the institute opted for linguistic minority status in A.Y 2019-2020 to achieve academic excellence in undervalue aspects. The IQAC monitors the implementation of vision and mission of the college. Every year IQAC prepares perspective plan, strategic plan of every year. More efforts are made towards digitization of academic and administration facilities, gender equality, intensification extension actions etc.

• Teaching and Academic quality enhancement

As per NAAC peer team suggestion, The Institute has strenchthged IQAC. There of it was the duty of IQAC to uphold the excellence culture in the HEIs. IQAC of the institute had taken regular feedback from its stakeholders and resolved curricular and non curricular issues.

By the start of every year, IQAC reviews teachers' performance in academics, research publication, seminar participation, workshops and organization and related non curricular aspects. Thereby positive impetus from CDC and quality strategy of IQAC encouraged majority of the teachers to get registered for the Ph.D program and competitive examination. As a result 8 staff members have got their Ph.D and 9 staff have registered for Ph.D. Different strategies are implemented on teaching learning process. IQAC reviews and take feedback regularly.

• Feedback on Teaching-Learning

We have taken the feedback on individual teacher from students to analyze the teaching learning process in our college. A separate survey is conducted on Google form; it is then analyzed by separate committee appointed by IQAC. Different lacuna after analysis is improvised in concern staff. Effectiveness of teaching-learning process can be analyzed by result analysis. Concerned staff are informed to improve or change the teaching learning process in the classroom (virtual) for better outcome of the course

Institute has endorsed quality enhancement strategies. Different green practices are reveled from implementation of solar and wheeling system with wealthy plant biodiversity area. Institute IQAC has

undertaken 'AAA' and also applied for NIRF to ratify and evaluate the institutional process through methodical external reviews. It has got 'Excellence award' from concerned university.

- **Outcomes**

Through suggestions from 'NAAC peer team' the management has always been emphasizing on the quality based educations and different outcomes in students. Consequently, as per the guidelines from governing body CDC and IQAC meeting, new add on and job-oriented certificate courses academics with prop up of their regular teaching- learning's have been introduced. For more effective curricular delivery students are grouped as slow and advanced learners. For these activity staff members makes use of different methods like projects, internships, field visits and ICT based teaching. The department of biotechnology obtained various linkages and MoUs with national and international research institutes. Through this various guest lectures, workshops have been arranged.

File Description	Document
Upload Additional information	View Document

6.5.2 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)/ membership of international networks**
- 3.Participation in NIRF**
- 4.any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

Response: A. All of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

The institution follows the saying by Mahatma Phule, "If you educate a man, you educate an individual. But if you educate a woman, you educate a nation". The institution believes and follows the fundamental rights of equality and educational rights to both male and female students. Female students are encouraged to pursue higher education as is reflected by the higher percentage of female students enrolled in our institution.

In addition to this, the women cell also organizes lectures, webinars and awareness programs. One program to highlight is the webinar organized on nutrition and health awareness titled 'Food is medicine'. Webinar on 'Women rights in Indian constitution' was arranged to bring awareness on the fundamental rights.

Female students are motivated to appear for competitive exams. Resource persons/experts from police department, lawyers, and doctors are invited and programs are organized to guide students on different topics like health awareness, road safety measures. On the occasion of our founder president Shri V. G. Shivdare (anna) jayanti, hemoglobin tests for women are conducted annually with the collaboration of Family planning association, Solapur, free of cost. Self defense camps like karate training, lathi kathi training, etc are conducted for the empowerment of women. Special attention is given to encourage women in the field of sports and students to bring laurels to the institution by winning prizes.

Insuring safety is safety always. Institute ensures student and staff safety by having single gate with 24 x7 securities. In addition other safety measure like new CCTV, Solapur city police 'Damini pathak' are also incorporated. Institute also makes sure separate seating, parking and toilet arrangements for staff, girls and boys.

All students and staff members celebrate national and international days and festivals every year enthusiastically as an integral part of the institution's co-curricular activity. Celebration of national days like **Independence Day (15th August), Republic day (26th January) and Maharashtra day (1st May)** is organized. Celebration of these days cultivates nationality, dedication, nonviolence, cooperation and humanity.

Celebration of national festivals has the prime importance. In addition to these, the celebration of birth anniversaries and observation of death anniversaries of freedom fighters and Indian great heroes like Chhatrapati Shivaji Maharaj, Swatantraveer Savarkar, Savitribai Phule, Mahatma Gandhi, Mahatma Phule, Mahatma Basaveshwara, Chhatrapati Shahu Maharaj, Lalbahadur Shashtri,, Dr. Babasaheb Ambedkar, Rajmata Jijau, Pandit Jawaharlal Nehru, etc is arranged. Swami Vivekananda Jayanti (12th January) is celebrated in the college as a **national youth day** by arranging the debates, elocution competition and yuva chetana rally.

National science day is celebrated on 28th February by arranging poster presentations, quiz, etc to

inculcate the importance of science among students. For the physical, mental and spiritual well-being of students and staff,

International Yoga day is celebrated on 21st June by performing yoga in the playground of the institution. Other celebrated days include National Sports day, World Ozone day, National Librarian's day, World Consumer Rights day, Marathi language pride day, International Women's day, etc.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Response: A. 4 or All of the above

File Description	Document
Upload supporting document	View Document

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

Our institution values diversity in every sense of the word. Institute promotes harmony and tolerance towards all diverse backgrounds and regularly celebrate cultural day/traditional day, where students learn about the different cultures in India. Since majority of the students belong to Kannada Linguistic Minority, communication is done in English, Marathi, Hindi as well as kannada for proper understanding of the concepts. Students are encouraged to write articles in kannada language in Biotalent (Institution's annual magazine).

Cultural diversity is seen in the magazine as students write articles in other languages as well like urdu, Sanskrit, etc. This magazine can be considered as a mirror of our institution. Even though our institution belongs to Kannada Linguistic Minority an effort is made by the staff members to communicate and involve students from all linguistic backgrounds. Institute celebrates language days like Marathi bhasha Gaurav din – 27th February. There is celebration of national days like Independence day (15th August), Republic day (26th January) as well as birth and death anniversaries of freedom fighters and social reformers like Mahatma Gandhi, Dr. Babasaheb Ambedkar, Chatrapati Shivaji Maharaj, Mahatma Phule, Mahatma Basaveshwara etc.

The gift of blood is a gift to someone's life. Blood donation camps are arranged in association with Damani blood bank, civil hospital, Solapur, etc to inculcate the habit of blood donation among students. Institute Celebrated felicitation of Shri Narendra Gambhirey, Shri Ashok Naware, Shri Annasaheb Kotali and Mr. Bhart Shaha who **donated blood 100** times.

National Eye donation week is celebrated by arranging essay, poster presentation competitions, etc in collaboration with civil hospital, Solapur. Students have got prizes in such programs.

Special labor donation camps are arranged annually in nearby village. Volunteer activities like cleaning roads, tree plantation and spread social awareness through drama, dance are performed by the students. These help students to realize their contribution towards the society.

During Covid-19 pandemics situations institute had under taken Online programs with other university college in concern with students overall growth and personality.

Institute had also worked during the floods situation in Sangli and Kolhapur in 2019.

Different initiatives are undertaken to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. These obligations are inculcated in the value system of the institution community which enables them to act as a responsible citizen. At the entrance of the institution building, a preamble of constitution is put up on the right hand side wall. Our institution celebrates Constitution day (26th November), Republic day (26th January), National voter's day (25th January).

Lectures by experts are arranged for students to make them aware of their constitutional rights & duties. Seminars, lectures and webinars by experts have been conducted on the following topics

- Basic rights and duties in Indian constitution
- Philosophy of Indian constitution
- Women rights in Indian constitution

- Minority rights in Indian constitution
- Constitution, parliament and rule of law
- State wide voter registration camp

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

Best Practice –I

Title of Practice: Patronization of students through economic support

The context

‘We make every effort to create a model of education which is based on compassion and mindful living’. Even though the institute is located in urban areas, most of our students come from rural areas and maximum students belong to poor families. Most of the students from economically backwards are unable to pay admission fees; so that they might be away from the educational canal. Institute has initiated support system which reflects its Vision and Mission. This scheme was introduced with the sole objective, that education should not be stopped due to lack of financial support. To bring them back to education we have implemented this scheme.

The Practice

In our region one of the reasons for dropout in ‘Higher Education’ is economical problems in a student's family. It may lead to a drop in Gross Enrollment Ratio in Higher Education. This scheme is basically applicable for the needy students. The college identifies the needy students in following way.

- The college gets information from poor students or student approaches to college with their problem about fees.
- They are asked to write a formal application to the Principal for demanding the installment in their fees.
- If application is found appropriate; Principal allows the student to pay fees in the installments.
- During this process the students commit the expected next date to pay the remaining amount to college.
- The college gently reminds these students prior to commencement of the due date to make arrangements.

- If a certain student fails to pay remaining installment fees in due time due to the financial crisis and requires still more time. Then college permits students to extend the due period or it increases the number of installments.
- In extreme cases the students are not able to complete their fees within academic year, they carry forward their fees even to next year.
- As per need, some students have received college dress codes and other educational requirements.
- If a student found to be very bright in sports activity, in that case college helps the needy student to purchase sports kit by providing fund.
- As the college is completely self financed and its all financial activities are mainly depended on fees collected from students. Sometimes the college may face deficit in its financial activities. But still college thinks for students and continues this practice for years together.

Evidence of Success

The college had taken huge initiatives for benefiting poor students. In each academic year students with poor family background from Arts, Commerce and Science faculty studying in our college approaches to staffs and Principal for college with an average in every year 10-20% of total enrolled students are benefited with the installment in college fees. They are provided with provision to pay college fees in two, three or four installment according to need. Some of the students are paid their remaining fees of present academic year in next academic year also. Their education continued without interruption. In sports more than 50 students have played nationals and won different district level prizes.

Problems encountered and Resources Required

As some students are unable to repay the next install suffer from insufficient fund required for smooth functioning in college. So college requires mobilizing their funds from different account heading for temporary basis. With prior permission and pre-intimation to management college utilizes its seed money for various activities until students complete their remaining fees. Under extreme conditions some of the students were assisted by poor boys funds.

Best Practice –II

Title of Practice: ‘Lab to Land work culture’

The context

Students get the theoretical knowledge in curriculum but sometimes they lack the field study. The actual field study can helps to flourish the subject content in students. By considering this in our college we have established lab to land work culture, where students do actual field work and correlate the theoretical concept with practical knowledge. It is the need of present scenario at global level that students should be inculcated with entrepreneurship knowledge. The actual field work will helps students to achieve entrepreneurship ability.

The Practice

We have identified the interested students by communicating with them. Then we have created three groups and provided the following tasks as field study.

1) Hydroponics – one group of students have worked on a hydroponics system to grow plants without soil. For this students used waste pipes to create hydrophonic unit. They have set trial and error work to get proper growth of plants with minimal nutrient requirements.

2) Fermented Organic acid – second group of students have worked on production of organic acid by fermentation of fruit waste. This organic acid is used for spraying on plants and shows enhanced growth while also contributing the pest control. Thus this organic acid can be optimized in future up to commercial level by these students.

3) Vermicomposting: another group of students had worked on production of vermicompost and had successful production of vermicompost. This vermicompost is used for gardening in college campus showed positive result.

Evidence of Success

Students successfully grew the plants by hydroponics system. The fermented organic acid from fruit waste helps to recycle the waste and at the same time this organic acid shows a positive effect against pests control on plants. The same organic acid also showed enhanced growth. The production and selling of this vermicompost by themselves helped to generate revenue thus this has developed the entrepreneurship ability in students.

Problems encountered and Resources Required

1) To establish the hydroponics unit, we require the pipes, their connection, continuous water supply etc. To avail these students used waste pipes and constructed the unit successfully.

2) For fermented organic acid students requires large quantity of fruit waste. They require the plants to study the effect of this organic acid. For this the green shed net is used where plants are grown and the effect was studied.

3) The vermicompost unit requires larger space.

File Description	Document
Best practices as hosted on the Institutional website	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

The institute was started in the year 2005 with the motto 'work is worship'. With this vision Biotechnology as the subject for B.Sc. Programme affiliated under P.A.HSolapur University was started. It

had a privilege to be a pioneer institute to start B.Sc. Biotechnology programme in Solapur city as a response to global need. The institute is completely self-financed for the courses in Biotechnology, Arts and Commerce both for U.G. and P.G. The mission of the Institute is reflected through this activity amongst the stakeholders. The focus subject Biotechnology is imparted to students they are trained and in depth knowledge of the subject is provided to students who are enrolled to the institute. They mainly belong to the region of the Dakshin Solapur with agrarian background. Biotechnology is an interdisciplinary subject with papers related to Plant, animals, environment and molecular sciences. This study has been benefitted to our students who are the alumini who are successfully in different walks of life. They are been working in well reputed institutes all over India and also abroad.

Placement

- To mention few they are been placed in institutes like serums Pune, BioconBangalore, Intas Pharmaceuticals Ahmedabad, Stellis Biotech, Bangalore NRCP, solapur.
- Two students are post-Doctoral fellows in USA and one student is pursuing Doctoral Degree in South Korea. Few students are also entrepreneurs in the field of Biotechnology.

MoU

- The institute has made a significant achievement in signing **MEMORANDUM OF UNDERSTANDING** with National, Agricultural and Biotechnology Institutes like NBPGR – New Delhi, NRCP, and IIMR Solapur. SSLS, Mr. Biologist, Pune, Aadhar Life Sciences, Solapur etc.
- Efforts are on the way to sing MOU with International Institute at Malaysia (UPM) and the national Institute CFTRI Mysore Karnataka.
- Students complete their training and project works in these institutes to get in depth knowledge in Biotechnology and allied sciences. To mention few students have also been absorbed in these institutes and laboratories.

Infrastructure

- Institute has every requirement needed for the Biotechnology Department with ample instruments and spacious lab.
- To organize any program a well organized auditorium is needed, the College possess this as the best asset.
- Ro water unit is installed to provide the drinking water to students and staff.

Biotechnology Research output:-

The college is involved in research work. To inculcate the research in college students we promote students to participate in Avishkar University level research festival. Students have won the prizes for their innovative work in Avishkar every year. Students participate in various research competitions and won prizes. Few staff are currently pursuing their Ph.D. Research papers in reputed Journals have been published by faculty members of Biotechnology, Commerce and Arts. The Department to improve the scientific knowledge organizes National and International conference. National conference “Contemporary Research in Life Sciences and Cancer Biology” (CRILC 2019) was organized with lectures from Eminent Scientist. IQPR-2020, NeFoB-2021 is the National Conference held with eminent Scientist delivering their expertise in their subjects. The most creditable achievement of the Department is the organization of **International Conference on the “Emerging Presentation in Biotechnology” with speakers from**

United States of America, University of Mysor NRCP.

Excellent Topics related to Genomic, Medicine, HIV of Gut, Biotechnology in Pharmaceutical perspectives were discussed in the conference. Students have benefited immensely from the Conference. They have presented their projects in the form of oral and Poster presentation. It was a very good experience for staff of all the faculty and also students of our institute and also participants form all over the world. Participants were from countries like USA, South Korea, Srilanka, Saudi Arabia, Oman, Turkey, Rwanda, Dubai, U.K. The Department is not behind in starting up short term, add on courses and skill based courses. The Department runs a **Certificate course in Tissue culture**: Students perform and learn the process of developing the plants from the tissues and callus. The basic molecule of life in DNA and Blueprint life. This concept of the Biomolecule, its structure properties and its application in Biotechnology is taught in the **certificate course in Molecular Genomics**.

The proverb “Health is Wealth” rightly suits the study of the **course in Probiotics**. Students study the need with consumption of Probiotics, Probiotics and Symbiotic. Under this course the programme of “Food Festival” was organized on the Fermented Foods. Students enthusiastically participated in it. For any disease analysis techniques to identify it is the need of the course. The techniques of immunology are been taught in **Molecular Diagnostic** sunder skill Development Programmes. Students have secured First rank in P.A.H Solapur University, in Molecular Diagnostics and Tissue culture.

Extra-Curricular Activity:-

- **Biotalent** is the College Magazine writing Articles, Essay in different languages, scientific write up is encouraged to all students of U.G and P.G.
- Sports is also an area students enthusiastically participate during the sports week organized.
- Guest lecture, environmental awareness, various National festivals are being organized. To know about ozone depletion its causes and side effects of it is being enlightened by the organization of **Ozone Day** on 16th September. Various competitions are organized on this day.
- Tree plantation is also done on few of the occasion upto 200 trees planted in the campus.
- Conservation of Energy is done by trapping solar energy.
- The cultural aura of India is celebrated by organizing **Traditional day**, students participate in the programme with the theme “Unity in Diversity”.They dress up with the traditional gesture representing each state. Selection of student with best attire is awarded. This programme is conducted every year. Along with this Dandiya and Garba for girls to celebrate Dusshera is also organized. This is to bring in the talent within each one.
- **Education trips** to Institutes visit at Bangalore, Mysore, Ahmedabad, Pune, New Delhi, Jaipur, and Chandigarh is organized every year. Students actively participate in it. As this is been prescribed by PAH Solapur University. Students specially when visited to Vishweshwarayya Museum at Bangalore and Science city at Jaipur were attracted with the Science concepts depicted with use of technology.
- Department takes care of the overall development of the students which is Distinctive and the thrust within student

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

The institute always looks towards the empowerment pastoral youth. For achieving excellence in academics institute has appointed wholehearted staff and punctual management. Institute always take care of economically weaker students. There is a special approach towards creating brawny entrepreneurs for the prosperous nation development. Dedicated approaches are towards creating well-heeled, clean, clam, biodiversity rich area green area. Campus has 60-70 different varieties of plants which make the entire area flourishing with lavish greenery. The college is well recognized and appreciated by many NGO's.

After the first NAAC cycle, institute has adopted many changes and took step towards getting better. The ICT has completely altered teaching learning environment of the college. Young and self-motivated teachers had emerged for various online courses of workshops, International seminars and conferences arranged by the department of biotechnology earlier.

The institute V.G.Shivadare College of Arts, Commerce and Science is well determined for achieving excellence in social and academics aspects. In AAA, surveyed by P.A.H. Solapur university solapur, College has achieved excellent status. It is the first college which has dared to enter as complete new area of biotechnology. Since 2005 it has undeniably helped in creating awareness and need of biotechnology to the farmers and common peoples. Deliberately institute has created young farmers and entrepreneurs. Well planned details of work are systematically represented in summary of each criterion's. Different academic and non academic activities like awareness program, scientific temper, eradication of societal troubles, environmental awareness are undertaken by the institute. Institute has 23 functional MoUs with various national and international institutes. The college NSS unit comprises of 200 Volunteers. Which works beyond its campus. Cultural and sports departments have got state and national level programs prizes every year. The alumni has step up a stair of job in private sector for young budding students. Over all we are very thankful to the social order and NAAC for generous us a chance to get better our-self and to develop stunning campus of the college.

Concluding Remarks :

V.G.Shivdare College of Arts, Commerce and Science of DSTS Mandal, Solapur was established in the year 2005 under the vision of Freedom fighter, "Sahkaar Maharshi" Late. Shri.V.G. Shivdare Anna. In the beginning it provided the degree courses in streams of Arts, Commerce and Science now 2010 onwards it has started New PG course in Biotechnology also. Though the Institute runs on Permanent Non Grant basis, it provides good infrastructure with well equipped laboratories especially in Biotechnology. Recently college has secured an 'Excellent Grade' from P.A.H. Solapur University under an Academic and Administrative Audit (AAA). The governing and management body is well enough aware and conscious about environment, hence in view of this, every year more than 15 plantation programs are already undertaken, which keeps harmony between different functions.

College provides value and skilled based certificate courses for the students. College staff members are young and self motivated enough, which is always directed and guided by committed and dedicated management. All this creates conducive ambience for teaching and learning. Appreciable performance in sport and cultural

activities has been notable since last 10 years. Good number of functional MoUs with national Institutes, training bodies and NGOs for academic purpose indicate progressive direction. A strong unit of 200 volunteers sanctioned and dedicated for social contribution under NSS. Institute organizes various approaches towards electoral literacy through NSS and democracy, elections and good governance is taught regularly to all UG students. Electoral Literacy Club (ELC) is under establishment. Principal of institute has taken lead in this approach. Institute had undertaken different projects, programs like, essay competition, Elocution competition, slogan competition related to voting, experts lectures which has created significant contribution towards achieving democratic values.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.1	<p>Number of Add on /Certificate/Value added programs offered during the last five years</p> <p>Answer before DVV Verification :</p> <p>Answer After DVV Verification :18</p> <p>Remark : DVV has made the changes as per shared report by HEI.</p>																				
3.3.2	<p>Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years</p> <p>3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>2</td> <td>2</td> <td>3</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	0	0	2	2	3	2021-22	2020-21	2019-20	2018-19	2017-18	0	0	0	0	0
2021-22	2020-21	2019-20	2018-19	2017-18																	
0	0	2	2	3																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
0	0	0	0	0																	
3.4.3	<p>Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years</p> <p>3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>34</td> <td>21</td> <td>14</td> <td>10</td> <td>14</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>29</td> <td>19</td> <td>13</td> <td>9</td> <td>14</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	34	21	14	10	14	2021-22	2020-21	2019-20	2018-19	2017-18	29	19	13	9	14
2021-22	2020-21	2019-20	2018-19	2017-18																	
34	21	14	10	14																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
29	19	13	9	14																	
4.3.2	<p>Student – Computer ratio (Data for the latest completed academic year)</p> <p>4.3.2.1. Number of computers available for students usage during the latest completed</p>																				

	<p>academic year: Answer before DVV Verification : 54 Answer after DVV Verification: 45</p>																				
5.1.2	<p>Capacity building and skills enhancement initiatives taken by the institution include the following</p> <ol style="list-style-type: none"> 1. <i>Soft skills</i> 2. <i>Language and communication skills</i> 3. <i>Life skills (Yoga, physical fitness, health and hygiene)</i> 4. <i>ICT/computing skills</i> <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. 3 of the above Remark : DVV has select B. 3 of the above as the activities that are beyond the assessment period and the activities which are not related to Capacity building and skills enhancement initiatives.</p>																				
5.3.2	<p>Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)</p> <p>5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>321</td> <td>75</td> <td>552</td> <td>448</td> <td>380</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>298</td> <td>36</td> <td>421</td> <td>325</td> <td>165</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes as events cannot be split into activities.</p>	2021-22	2020-21	2019-20	2018-19	2017-18	321	75	552	448	380	2021-22	2020-21	2019-20	2018-19	2017-18	298	36	421	325	165
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2021-22	2020-21	2019-20	2018-19	2017-18																	
298	36	421	325	165																	

2.Extended Profile Deviations

ID	Extended Questions
1.1	<p>Number of teaching staff / full time teachers during the last five years (Without repeat count): Answer before DVV Verification : 34 Answer after DVV Verification : 23</p>