



# **SELF STUDY REPORT**

**FOR**

**3<sup>rd</sup> CYCLE OF ACCREDITATION**

**SHRI SHIVAJI SCIENCE AND ARTS COLLEGE CHIKHLI**

SHIVAJI NAGAR, PANDHARINATH PATIL PATH, KHAMGAON ROAD,  
CHIKHLI. DIST. BULDHANA

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Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

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# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Shri Shivaji Science and Arts college Chikhli is established in 1967 under the aegis of Shri. Shivaji Education, Amravati. The college is affiliated to Sant Gadge Baba Amravati University, Amravati. It is co-educational institution. The undergraduate programmes in B.Sc., B.A and B.Com., were given permanent affiliation in 2014. The college is recognised by UGC under section 2(f) and 12 (b) of the UGC act and is receiving central assistance. It offers 34 programmes in B.Sc., B. A, B.Com. at undergraduate level and M. Sc. in Microbiology and Computer Science, M.A in Marathi, Political Science, History at postgraduate level. The college offers Ph.D. Programme in Botany, Zoology, Microbiology, Computer Science in the faculty of Science and Ph.D. Programme in Marathi, English, Political Science, History and Economics in the faculty of Humanities and Ph. D. Programme in Commerce. Initiatives in academic excellence are taken by introducing three Certificate Courses sanctioned by NSQF and 15 Add On courses.

The college has undergone assessment and accreditation by NAAC with “B” Grade having C.G.P.A 2.72 in 2004 (Cycle 1st) and in 2014 (Cycle 2nd) the college is accredited with “B” Grade having C.G.P.A.2.82.

Our total admitted strength in current session inclusive of UG &PG is 1249. There are 34 teaching faculty members working, out of which 22 are Ph. D and 13 are Ph. D. Supervisors. The Non-teaching staff on roll is 28. Students from this college secure position in Merit List of Sant Gadge Baba Amravati University Amravati.

The Department of Sport is very active. As a result of its efforts many students colour coat holders and won Gold Medals in various games and Sports. The College has NCC unit approved with 136 strength. The NCC cadets from our unit are selected for various training programme. In current session 16 students are selected in Arm Forces. NCC cadets also get selected RDC Parade. The NSS unit of college has been approved with strength of 125 Male and 75 Female volunteers. The volunteers of NSS and NCC cadets from our units are very active working to in spread the message of Unity and Secularism in the society.

### **Vision**

**Vision - Excellence and Service.**

“We provide Education to All” on the Principle of sound justice to poor and underprivileged Students and lead them from darkness to light.

We try our level bests to develop attitude and skills among these students along with knowledge. We use indigenous learner centric pedagogy for them. Using local means to provide and better understanding viz. Local language, Local festivals and citation of local examples etc. Helps them better way as we experienced. The committee and programmes like holistic education, personally development, quality assurance, research promotion, cultural activities, sports pursuits, Co-curricular and curricular activities along with extension services helps them better for the personality development and ultimately morally upright, socially committed leadership development with rational approach.

## **Vision for Future—**

Think locally act globally.

## **Mission**

Our institution is committed the mission of the parent body

‘Tamaso-Maa-Jyotirgmaya i.e. Lead Me from Darkness to Light.’

Our shivparivar Strives to realise the objectives of the institution through self-accountability professional discipline and hard work with innovative and creative ideas.

In all our Endeavours we emphasize

- Attitude and Skills as much as knowledge
- Indigenous learner- Centric pedagogy
- Local best practice in the context of the globe.

## **Goals and objectives –**

- To mould students to be morally upright, socially committed and spiritually inspired.
- To enable students, realize their full potential in academic, cultural, and sporting pursuits.
- To foster scientific temper and encourage students to adopt a rational approach to solve problems.
- To empower students to be good leaders who will spread the light of knowledge harmony and equality in all spheres of life.
- To equips students with the required knowledge and skills to face the challenges of real world.
- To synergize women and those prevented from exercising their right to be human through enlightening those regarding their basic human rights and helping them to achieve the same.
- Development of interlinkages across teaching research and Extension.
- To follow the highest standards of ethics in education and add National value for the countrymen.

## **1.2 Strength, Weakness, Opportunity and Challenges(SWOC)**

### **Institutional Strength**

- Co-educational institution imparting education to large number of students from the three streams viz. Science, Humanities and Commerce.
- Located nearby Bus station and is well connected to all parts of Chikhli region.
- Permanently affiliated to Sant Gadge Baba Amravati University Amravati and is recognition by UGC under 2f and 12B.
- Pollution free campus with rich Biodiversity spread over 18.5 acres of land. Water harvesting Project is developed in College Campus
- Student centre teaching-learning.
- Meritorious students.

- Promotion of value-based and Skill based Education.
- Highly Qualified and experienced faculty.
- Active Collaborations and MOU with Institution, Industry and NGO.
- Patents granted to the Faculty members.
- Ten Research Centres for Ph. D.
- Social Awareness programmes are conducted by NSS and NCC and participation of Volunteers and cadets in Republic Day Parade, camps at national level.
- Organisation of extension and outreach programmes.
- Availability of Large Playground, Gymnasium. Students achieved laurels in Sports at National and International level.

### **Institutional Weakness**

- Being an affiliated institution of a State University limited scope for adopting an Interdisciplinary Innovative Curriculum. It limits the Academic flexibility.
- As students are weak in English, English language is barrier for effective Communication.
- Proximity to rural area which results in intake of low income group students.
- All classrooms are not ICT enabled.
- Placement opportunities are very less due to the inadequate growth industries in the local area.
- Less number of Postgraduate Courses in Science faculty.
- Present Infrastructural and library facilities are inadequate to cope up with futuristic demand of the students
- Limited consultancy and collaboration.
- Limited Research grants from Government /Nongovernment funding agencies.
- Lack of educational consistency among female students due to practice of early marriages in society.

### **Institutional Opportunity**

- Collaboration with Industry and other universities.
- Incubation centre for Start-up.
- Enhanced research through research centres.
- High ratio of female students
- Empowering female students through various educational components.
- Strengthened ICT facility.
- The establishment of Entrepreneurship Development Cell to help students for Start-up.
- Strengthened Alumni Association and their involvement in academic, research, and mentorship activities for the students.
- Postgraduate Courses in the faculties of Science, Humanities and Commerce.
- Research oriented bent of mind of teaching faculty.

### **Institutional Challenge**

- Getting grants through Government funded projects and consultancies and schemes.
- Keeping pace with technological advancement.
- To make student Communicate in English.

- To inculcate values and sense of confidence among students is a challenge.
- Difficulty in Academic-Industry -NGO Interaction.
- Difficulty in Placement opportunities for Graduates of Humanities and Science as compared to Engineering and IT.
- Students from rural background with diverse needs.

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

#### Criterion I: Curricular Aspect

The college is affiliated to Sant Gadge Baba Amravati University. It offers UG, PG and Research Programs in Science, Humanities and Commerce faculties. The Curriculum is designed by the affiliated university.

**I) Curriculum Planning & Implementation:** The Academic Calendar is prepared by the IQAC, highlighting Teaching Days, Schedule of Unit Tests, Curricular, Co-curricular activities. The IQAC organizes a meeting of all faculty members to present the result analysis. Steps to be taken for improvements in results are suggested to the faculty of each Department. The IQAC prepares the centralized Time Table for the implementation of teaching work and prepare the Annual Teaching Plan. The Annual Plan and Daily Teaching Work are noted down in the Academic Diary by each faculty. Conventional chalk-talk method coupled with ICT teaching pedagogy, PPTs, on-line talks, Google Classroom, Google Meet, Zoom, LMS Testmoz, Virtual Lab etc. Workshop, Guest lectures, expert talks are also arranged thereby learning made interesting. All PG courses having CBCS. Internal As well as external Academic Audit conducted every year. College is preparing to implement NEP-2020.

**II) Academic Flexibility:** College conducted National Skill Quality Framework Courses viz. *Beekeeping, Plant propagation and Nursery Management and Communication Skill in English*. Add-on (certificate) Courses introduced are - *Sericulture, Ayurveda, Soil and Water Analysis, Bacteriological Analysis of Water, Modilipi, Agri-based Entrepreneurship. Renewable energy Resources, Nanotechnology, Microsoft.* Our College works as Network Institute for IIRS-ISRO Programs thereby these courses made available to students from rural area.

**III) Curriculum Enrichment:** For Curriculum enrichment programmes such as programmes on crosscutting issues are organised on the areas Professional Ethics, Gender Sensitization, Women Empowerment, Human Values and Environment & Sustainability. Students are allotted project work, field work. Students participate in Internship.

**IV) Feedback:** Feedback system is developed in the college to evaluate overall curriculum and curricular activities. Feedback is taken from students (Department-wise), teachers, employers and alumni. While revising the curriculum, the latest development in the subject and the feedback received from the stake holders is given almost consideration.

**V) Evaluation:** To evaluate the progress of students, Unit Tests, Assignments, Seminars, Project Assignments are allotted to the students.

## Teaching-learning and Evaluation

**I) Student Enrolment and Profile:** The students admitted in our college are from different economic background through Admission committee. College follows reservation policy as per the guidelines of State and Central government. Student Induction Program is conducted for newly admitted students. The teaching-learning and evaluation processes are planned in advance & executed in accordance with academic calendar.

**II) Student Teacher Ratio:** College has adequate student-teacher ratio which enables strong interaction between students and teachers.

**III) Teaching Learning Process:** Student-centric teaching methodology is adopted. Students are supported in learning through Soft Skill Development Program, Subject Association, YouTube lectures, Bridge Course, Value Added Courses, Project Based Learning, Lecture Series and Field Visit. LMS and ICT tools are used by the faculty. Virtual laboratory are used to perform a series of experiments. Faculties prepare quiz for students after the completion of each unit.

**IV) Teacher Profile and Quality:** To maintain the standards and quality, college has well qualified, committed faculty members. Out of 34 faculty members, there are 22 Ph.D & 12 SET/NET qualified faculty members with experiences of teaching and research. The teacher update themselves by participating in faculty development programmes.

**V) Evaluation Process and Reforms:** College Examination Committee has been formed for the smooth conduction of CIE. The college has a well-organized mechanism for redressal of examination related grievances. The student can approach the Teachers, College Examination Officer and Principal to redress the examination related grievance. The procedure for handling examination related complaints is transparent, time-bound and effective.

**VI) Student Performance and Learning Outcomes:** Program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) for all programs offered by the institution are stated and displayed on website of the institution. Students are made aware about PO, PSO and CO in Induction program. It is also displayed on notice board of Departments in QR code form. The attainment of POs, PSOs and COs are measured through CIE, university results, placement records.

**VII) Students Satisfaction Survey:** Every year Student Survey is conducted. The analysis of the survey is displayed on the college web site. The analysis is forwarded to IQAC for consideration.

## Research, Innovations and Extension

- **Resource Mobilization for Research:** The College has a Research Cell to motivate the faculty members to write research projects and submit it to various supporting agencies like DST, DBT, SERB, CSIR etc. Research Cell also helps to create research culture among faculty members and students. One of our faculties Dr. Rajendra B. Gade & Dr. Sunita Kalakhe submitted proposals on DST, CSIR & ICSSR funded research projects. Four research projects are ongoing while three completed. Total grant Sanctioned Rs. 2, 20, 000/-.
- **Patent:** One International Patent granted, one National Patent published, one copyright Published and Two National Patent Filed.
- **Workshops:** College has organized one workshop on research methodology, Six on IPR, Six on

entrepreneurship & Soft skill development.

- **Research Publications:** There are forty one research papers published in UGC Care list, Scopus and Web of Science. Seventy four research papers are published in Proceeding; nineteen Books & Chapters in Books are also published.
- **Extension Activities for holistic Development:**
  - College provides vibrant platforms to impart holistic education to students through NCC unit and experiential learning through NSS such as Civic Responsibility, Environmental awareness, Health and Hygiene, Cleanliness for Good living, Gender Equality, Human Values, Awareness about Digital World & Cyber Security.
  - The college has introduced various eco-friendly practices such as No Vehicle Day, Oxygen Park, Rally on Water Conservation and Organization of Forest Walk.
  - To promote fitness and wellness of students such as Gym Facility & Walking Track for senior citizens. Such activities have elicited positive responses.
  - **Awards:** Faculty member awarded by SGBA University level recognition as NSS district coordinator. Cleanliness campaign award, Swacha-Bharat - Swastha-Bharat District Level award from Sant Gadge Baba Amravati University, Amravati.
  - **Extension / Outreach Program:** The NCC & NSS units of the college are conducting Extension Activities/ Outreach Program. Such as Cleanliness Campus, Environmental awareness program, Health awareness program, Road safety program and various awareness programs are organized.
  - **MoU:** The College has signed Twelve functional MoU's with reputed institutions & Five collaborations.

## Infrastructure and Learning Resources

The institution possesses adequate Infrastructure and Learning Resources to meet the requirement of students.

**I. Infrastructure:** The infrastructure of the college includes classrooms, well equipped laboratories, Departments, Administrative Office, the central library and playground. Indoor Stadium and Swimming Pool are under construction. The total Built up area of the institution is 11939.88 Sq.m. There are 18 classrooms, two seminar halls available in the institution and 13 laboratories functioning. The labs of Botany, Zoology and Microbiology and Computer Science are recognized research laboratories. These labs are well equipped to carry out research. English Language lab is equipped with language learning software.

**II. IT Facility:** Internet and wifi Facility is made available in all the departments. The available bandwidth in the institution is 120 mbps. Three Smart Classrooms, with Digital Board and Internet facility, are also available.

**III. Library:** The Central Library possesses 40156 books and 931 reference books including Dictionaries and Encyclopedias. There are 97000+ e-books and 6000+ e-journals subscribed through N-List. Reputed journals and 18 Newspapers are subscribed annually. Library is automated partially by using Soul 2.0 ILMS Software. Books on competitive exams are available for students.

**IV. Sport Facility:** The College has a big play ground to serve the needs of students. A well-equipped gymnasium is available for the students. Students have to pay entry fees monthly. The revenue generated is used for the maintenance of the equipments.

## V. Facility for Cultural Activities

Students are motivated to participate in cultural activities. The activities are organized in the auditorium. For the Annual gathering open theatre is used to organize the cultural programmes.

**VI. Yoga Centre:** Yoga Centre has been established in the College. In the Open Theater weekly Yoga Performance is arranged for the staff.

**VII. Maintenance of Infrastructure and Learning Resources:** For optimum utilization and maintenance of infrastructure and learning resources, committees are formed. Every year financial provisions for maintenance and infrastructure development are made in the budget and the allotted budget is utilized for maintenance of academic and physical facilities. The authorities of the institution try to extend the budget for maintenance and infrastructure development every year.

### **Student Support and Progression**

**I) Scholarship and Freeship :** The institution is taking special efforts to provide necessary assistance to students and enable them to acquire meaningful experiences for learning at the campus for their holistic development and progression. For the support and progression of students, the institute provides the facility of scholarships and free ship from the Government and the Institution. The average percentage of students who benefited from scholarships and freeships is about 60

**II) Capacity Building and Skills enhancement:** College has taken skill enhancement initiatives like Soft skills development workshops, English Communication Skills Certificate Course, Language Lab, ICT Facility and Computing Skills programmes like **Cyber security**, Crypto-currency and ethical hacking. Institute is celebrates International Yoga Day every year in large scale and conducts Yoga and meditation early in the morning for students and teachers. Physical fitness *Gymkhana* for boys and *Zumba club* for girls are made available for the welfare and development of students and staff.

### **III) Guidance and Career Counselling:**

*Kalpataru* guidance and study centre for competitive examination, Career Counselling and Placement cell like *Career Katta* of government Maharashtra have been established in the college campus. Average percentage of students benefitted by competitive examination guidance and career counselling offered by the institute is **50**.

**IV) Student participation and progression:** The cultural and sports activities impart a strong value system with emphasis on integrity, honesty, perseverance, discipline, ethics and service to society and nation. Various co-curricular, cultural activities are conducted like the *youth festival*, *Dr. Panjabrao Deshmukj Jayanti Utsav* and sports activities like *National Sports Day*, *Annual Sports Week* to ensure the holistic development of the students. Students actively participate in extension activities through NCC, NSS, and RRC and with **Nehru Yuva Kendra**, Buldana. Even though Our institute is located in rural area the average percentage of students going to higher education is about **35**. NET/SET/ GATE/CAT qualifying number of our Institute is **31** in last five years. **Fifteen** students awarded with medals for outstanding performance in sports and cultural activities at the national level.

**V) Student Grievances and Redressal and Engagement:** Our Institutions has constituted Statutory bodies and mechanism for timely redressal of student grievances through online as well as offline mode. Institute facilitates students' representation and engagement in various administrative and co-curricular activities through various Statutory as well as regulatory bodies like Student Council, IQAC, SC, ST, OBC, Minority



Cell and representation on Internal Complaint Cell as well as in NSS and NCC also. The Alumni association is duly registered as a society with registration number- **Mah/270/04/Buldana**. The Association has conducted various activities i.e. tree plantation, guest lectures, motivational speeches and job training programmes. Alumni Association supported the institution and donated Rs **2.85lakh** to the institution for infrastructure development.

## **Governance, Leadership and Management**

### **I. Governance and Leadership:**

The vision and mission of the college is future-oriented. It focuses on meeting the needs of society by offering excellent education. Our college is run by Shri Shivaji Education Society, Amravati and affiliated to Sant Gadge Baba Amravati University, Amravati. Our focus in the governance process is to ensure that it is transparent, democratic, and inclusive in accordance with the institution's vision and mission.

### **II. Deployment of institutional development plan:**

Through a number of academic and administrative committees, the college fosters a culture of decentralisation and participative management. For the proper operation of the institution, there are several committees made up of teaching, non-teaching staff, and students.

### **III. Implementation of e-governance:**

The College has introduced ERP software, e-governance in administration, finance, accounts, scholarships, student's admission and examinations.

### **IV. Welfare measures and PBAS:**

The institution has implemented a number of welfare initiatives for the well-being of the teaching and non-teaching staff, and for the teaching staff, UGC's Performance Based Appraisal System is used to measure their performance.

### **V. Teachers with financial support:**

Study leave and financial support are granted to the faculty for attending seminars, workshops and conferences. In the session last five years twenty seven teachers were provided financial support for participation in various administrative programmes.

### **VI. Participation in professional development programme:**

The College promotes and encourage faculty members to take part in faculty development programmes, refresher courses, and orientation programmes. One hundred twenty nine professional development programme are attended by teaching staff and one hundred eighteen training programme by non-teaching staff members.

### **VI. Internal and External Audit:**

The institution has mechanisms for internal and external audit. The college receives funds from the

UGC/DST and other funding organisations for academic advancement, infrastructure maintenance, and resource up-gradation.

## **VII. Quality assurance initiative of institution:**

IQAC is one of the major policy making and implementing committees. It works for development of quality parameters like academic audit and committees for the various academic and administrative activities. IQAC proposed to initiate various green practices to maintain eco-friendly college campus through activities. IQAC organizes various awareness programme with other institutes and NGOs.

### **Institutional Values and Best Practices**

Our institution regularly brings into practice various activities.

### **Gender Equity/Commemorative Days**

To promote gender equity, our institute conducts activities such as awareness programmes on Save Girl Child, Pre-Marriage Counselling, Legal Guidance against Women Harassment, Women's Empowerment. For Safety and Security CCTV Cameras are installed in the entire campus. Complaint and suggestion Box is kept in front of administrative Office. National and International commemorative days, events are celebrated to inculcate patriotism, constitutional obligations and inclusive environment among stakeholders.

### **Energy/Water Conservation/Divyangjan Friendly Environment**

Institute has adopted various waste management practices on solid, liquid and E-waste management. The solid waste is segregated into organic and is used to prepare compost for in-house consumption and non-degradable waste is collected by the Municipal Corporation Chikhli. Our Institute has taken initiative to conserve water by applying various rain water harvesting pits and the rain water is collected from college building roof in the water harvesting well. Well-organised central water distribution system is developed in campus. To provide clean and green campus institute adopts environmental policies in and out of campus. For Divyangjan, institute provides convenient infrastructural facilities.

### **Environment and Energy Audits**

Energy Audit, Green Audit and Environment Audit of the college campus is done by government recognized private agency. Institution has been honoured with *Vanshri Puraskar* by Govt. of Maharashtra. To conserve energy, we conduct several practices i.e., awareness programmes, tree plantation, enhanced use of LED bulbs, No vehicle Day, use of is promoted E-vehicles and solar panel system.

### **Inclusive Environment**

We conduct constitution day, Participation of students in Mock Parliament, Dis[lay of Code of Conduct, Human Right Day, Red Ribbon Club activities, Maraathi Bhasha Din, Gandhian Thoughts and Voting Awareness Programmes for providing inclusive environment.

### **Best Practices and Institutional Distinctiveness**

The best practices run by the institute Wild Vegetable Competition and Rain Water Harvesting Project. The NCC unit of our college is distinctive in the area for selection of students in defence services and its participation in socially related activities. From Girl's NCC unit at least 40 girls participate in NCC. The cadets get selected in army.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	SHRI SHIVAJI SCIENCE AND ARTS COLLEGE CHIKHLI
Address	Shivaji Nagar, Pandharinath Patil Path, Khamgaon Road, Chikhli. Dist. Buldhana
City	Chikhli
State	Maharashtra
Pin	443201
Website	<a href="http://shivajichk.ac.in">shivajichk.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Omraj Shankarrao Deshmukh	07264-242088	9422125738	07264-242088	principalscc@gmail.com
IQAC / CIQA coordinator	Vanita Uttamrao Pochhi	07264-242903	9421493695	-	vanitapochhi@gmail.com

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

**Establishment Details**

State	University name	Document
Maharashtra	Sant Gadge Baba Amravati University	<a href="#">View Document</a>

**Details of UGC recognition**

Under Section	Date	View Document
2f of UGC	05-02-1985	<a href="#">View Document</a>
12B of UGC	05-02-1985	<a href="#">View Document</a>

**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	Shivaji Nagar, Pandharinath Patil Path, Khamgaon Road, Chikhli. Dist. Buldhana	Rural	18.5	11939.88

**2.2 ACADEMIC INFORMATION**

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BSc, Microbiology	36	HSSC	English	240	207
UG	BSc, Botany	36	HSSC	English	240	197
UG	BSc, Chemistry	36	HSSC	English	480	365
UG	BSc, Zoology	36	HSSC	English	240	194
UG	BSc, Electronics	36	HSSC	English	180	67
UG	BSc, Computer Science	36	HSSC	English	120	0
UG	BSc, Computer Science	36	HSSC	English	150	120
UG	BSc, Physics	36	HSSC	English	360	226
UG	BSc, Mathematics	36	HSSC	English	270	188
UG	BA, English	36	HSSC	English	460	236
UG	BA, English	36	HSSC	English	460	2
UG	BA, Marathi	36	HSSC	Marathi	360	117
UG	BA, Marathi	36	HSSC	Marathi	460	236
UG	BA, Political Science	36	HSSC	Marathi	240	182
UG	BA, History	36	HSSC	Marathi	420	191
UG	BA, Economics	36	HSSC	Marathi	420	192
UG	BCom, Commerce	36	HSSC	English, Marathi	660	206
UG	BA, Home Economics	36	HSSC	Marathi	420	21
PG	MSc, Microbiology	24	B. Sc.	English	48	47

PG	MSc,Computer Science	24	B. Sc	English	40	24
PG	MA,Marathi	24	B. A.	Marathi	160	23
PG	MA,Political Science	24	B. A.	Marathi	160	48
PG	MA,History	24	B. A.	Marathi	160	17
PG	MCom,Commerce	24	B. COM	English	160	98
Doctoral (Ph.D)	PhD or DPhil, Microbiology	72	M. SC. Microbiology	English	6	4
Doctoral (Ph.D)	PhD or DPhil, Botany	72	M. SC. Botany	English	5	3
Doctoral (Ph.D)	PhD or DPhil, Zoology	72	M. SC. Zoology	English	12	5
Doctoral (Ph.D)	PhD or DPhil, Computer Science	72	M. SC. Computer Science	English	4	0
Doctoral (Ph.D)	PhD or DPhil, English	72	M. A. English	English	4	2
Doctoral (Ph.D)	PhD or DPhil, Marathi	72	M. A. Marathi	Marathi	8	6
Doctoral (Ph.D)	PhD or DPhil, Political Science	72	M. A. Political Science	Marathi	6	2
Doctoral (Ph.D)	PhD or DPhil, History	72	M. A. History	Marathi	4	1
Doctoral (Ph.D)	PhD or DPhil, Economics	72	M. A. Economics	Marathi	4	2
Doctoral (Ph.D)	PhD or DPhil, Commerce	72	M. COM.	English, Marathi	8	1

### Position Details of Faculty & Staff in the College

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	5				7				39			
Recruited	3	2	0	5	6	1	0	7	15	7	0	22
Yet to Recruit	0				0				17			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				51
Recruited	27	1	0	28
Yet to Recruit				23
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0



<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

**Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	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.	2	2	0	4	0	0	8	6	0	22
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	1	1	0	9	1	0	12
UG	0	0	0	0	0	0	0	0	0	0

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	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

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	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	0	0	3
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	11	4	0	15
UG	0	0	0	0	0	0	0	0	0	0

<b>Details of Visting/Guest Faculties</b>					
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>		<b>Female</b>		<b>Total</b>
	0	0	0	0	0

**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	509	0	0	0	509
	Female	458	0	0	0	458
	Others	0	0	0	0	0
PG	Male	111	0	0	0	111
	Female	146	0	0	0	146
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	22	0	0	0	22
	Female	3	0	0	0	3
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

<b>Provide the Following Details of Students admitted to the College During the last four Academic Years</b>					
<b>Category</b>		<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
SC	Male	124	103	97	132
	Female	109	100	94	96
	Others	0	0	0	0
ST	Male	12	10	7	11
	Female	9	9	9	8
	Others	0	0	0	0
OBC	Male	357	313	252	337
	Female	327	346	339	383
	Others	0	0	0	0
General	Male	57	42	48	75
	Female	67	51	57	74
	Others	0	0	0	0
Others	Male	92	84	91	101
	Female	95	99	82	88
	Others	0	0	0	0
Total		1249	1157	1076	1305

### **Institutional preparedness for NEP**

1. Multidisciplinary/interdisciplinary:	<p>a) To fulfill the objectives of NEP College will draft a roadmap to incorporate the recommendations of NEP 2020. In the roadmap institution will identify the gap between the present academic system and the objectives of NEP 2020. b) Institution Planning to conduct survey in region to explore the likening and demand of regional students to give rise to multidisciplinary and interdisciplinary curriculum. As well as Planning to incorporate regional knowledge regarding History, Tourism, flora and fauna of region for the students from all the disciplines. c) The university to which the college is affiliated has already taken steps to move towards Multidisciplinary/Interdisciplinary approach by</p>
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	<p>revising the curriculum of UG and PG programmes and the colleges must follow the curriculum in toto. Some faculty members are the members of Board of Studies; they took part in the Curriculum designing of Sant Gadge Baba Amravati University, Amravati.</p> <p>d) A Committee has been established in the college to introduce the students from all the disciplines the online courses available in various areas. e) Our college has taken another step towards to Strengthen Multidisciplinary/ Interdisciplinary curriculum by working as Partner with Network Institute for Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, Dept. of Space, Govt. of India. IIRS conducts Programmes which focuses on strengthening the academia in Space Technology &amp; its Applications using online learning platform to enhance student's knowledge in the field of Remote Sensing, GIS, GNSS technologies and applications. Our college working as a Nodal Institute in IIRS. In the session 2021-22 institute conducted following courses successfully. Six participants were successfully completed the workshop. . f) Students from all the disciplines participate in NSS and NCC activities.</p>
2. Academic bank of credits (ABC):	<p>Academic bank system as mentioned in the NEP 2020 is "Academic Bank of Credits shall deposit Credits awarded by Registered Higher Education Institutions, for Courses pursued therein, in the Academic Bank Account of the student and the validity of such credits shall be as per norms and guidelines issued by the Commission from time to time." A committee will be formed in the college to introduce the students the Academic Bank of Credit.</p>
3. Skill development:	<p>a) The NEP 2020 envisioned for the holistic development of youth with emphasis on raising Gross Enrolment Ratio (GER) and Skill Development. b) In alignment with National Skill Quality Framework, College runs three certification programs of six months sanction by NSQF viz. Plant Propagation and Nursery Management, Bee Keeping, Communication and Soft Skill Development. These programmes are organized by Department of Botany, Zoology and English respectively. c) To promote vocational education in the program, workshop and seminar were organized. Workshop on "Hands on Training in Plant Tissue Culture" is organized by Botany Department. Workshop on e -Governance, Workshop on e-Content development and Digital presentation,</p>

	<p>Internal Hackathon Competition, online seminar on Cyber Security organized by Computer Department.</p> <p>d) Our Institute provided value-based education to inculcate positivity amongst the learners through organizing programs such as Human Rights, Voter Awareness, Environment Issues, Gender Sensitization, Yoga and Meditation. For Personality Development institution organizes Four-day Soft Skill Development Program in Collaboration with Sant Gadge Baba Amravati University, Amravati. e) Institution planning to adapt skill development policy for youth and students of rural and tribal areas to explore their skills and skill-oriented courses will be designed which will fulfill local need i.e. vocal for local through online and distance mode. For Conservation of Traditional knowledge about Medicinal Plants and Wild vegetables institution organizes Competition and Workshop. e) The project was given to the students in the areas of community engagement and service. The students of Botany, Zoology, and Microbiology Departments were given the field projects. Students of Economics Departments made survey. The study was entitles as “Title Role Maharashtra Agricultural Products Marketing Committees for Farmer development Special Reference to Chikhli Taluka”. f) To approach close to views of NEP 2020, our institution promotes multidisciplinary approach. Institution developed 30 hrs Value Added / Add on Courses in various areas such as Sericulture, Ayurveda, Soil and Water Analysis, Agricultural Entrepreneurship, Microsoft, Renewable Energy Source, Nanotechnology, Bacteriological analysis of water, Communication Skill in English and Modilipi etc.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>a) As a part of the NEP 2020 to improve confidence in students from rural background English Department organizes Add on Course in Communication skill in English. For Courses from Faculty of Humanities, Commerce and Management having Marathi medium, faculty use local language. Marathi Department conducted the add on course in Modilipi-an ancient language. Students from all programmes participated in Essay Competitions which are conducted in Marathi and English. The competencies like cultural awareness and expression among the students are developed by motivating them to participate in cultural activities. b)</p>

	<p>Department of Marathi conducts exam on Gandhian Thought to perpetuate the views of Mahatma Gandhi among the students. To give impetus to local knowledge Department of Botany conducts Spardha Ranbjiyanci (Wild Vegetable Competition). c) Every year college magazine Shivdarshan is published. Through the college Magazine students share their local life experience and aspiration in the form of literature written by them. d) Rational Thinking cell of Government of Maharashtra is Established in institution To Promote Scientific Temper among the Students.</p>
5. Focus on Outcome based education (OBE):	<p>Institution emphases on outcome-based education (OBE) which is reflected in the curriculum design by the university, teaching and learning process and assessment of the students. Learning by Problem solving method, Experimental and Participative learning method is adopted in the curriculum which includes field projects, Survey, Internship and Entrepreneurships. Programme outcome (POs), Programme Specific Outcome (PSOs) and Course Outcome (CO) are designed by the university are aligned with NEP policies. Outcomes of the programmes are displayed in respective Departments in the form of QR Code. After student evaluation all attainments of COs POs, PSOs, are measured and action plan is formed to improve the respective attainment in the future.</p>
6. Distance education/online education:	<p>Due to Covid -19 impact institution involved in using the digital platform for engaging classes, organizing Seminars, Workshops, and Conferences, access of online resources by Staff and students have been increased from Covid 19 duration. ICT Tools such as LMS, ZOOM, WEBEX, MICROSOFT TEAM, GOOGLE MEET, VIRTUAL LABS, are used to deliver Online lectures and Practical. Google form is used for Evaluation of Internal assessment as well as collecting feedback and issuing of E -certificate. They also Open YouTube Channel for uploading their delivered lectures. Faculties participated in Faculty development programme, Induction programme, E-conferences, conducted by SWAYAM/MOOC/NPTL.</p>

## Extended Profile

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### 1 Students

#### 1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1249	1157	1076	1305	1303

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 2 Teachers

#### 2.1

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

Response: 47

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 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
34	36	35	25	26

### 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
39.59	15.98	40.10	37.84	36.35





## 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:

- The institute is affiliated to Sant Gadge Baba Amravati University which offers UG, PG and Research Programs in Science, Humanities and Commerce. The Curriculum is designed by the affiliated university and implemented by the institute. There is a multi-tiered system to ensure optimum teaching-learning keeping in mind the heterogeneous structure of the classroom and varying levels of learners which is modulated by an effective planning process. College prospectus uploaded on the website contains detailed description of the courses, Fee structure and programmes run by the college.
- **Academic Calendar** is prepared by the IQAC, highlighting Teaching Days, Schedule of Unit Tests, Submission of Internal Assessments and Seminars. Academic calendar includes Schedule of curricular and Extra-curricular activities. Induction program is conducted for newly admitted students of first year.
- **Centralized Time Table:** The IQAC prepares Centralized Time Table for the implementation of teaching work. Time-Table uploaded on the college notice board and website prior to the commencement of the semester to ensure timely commencement of classes. Further the departments distribute the teaching work and prepare the Annual Teaching Plan. The Annual Plan and Daily teaching work are noted down in the Academic Diary by each faculty.
- **Pedagogy:** Pedagogy and planning of teaching go hand in hand. Conventional chalk-talk method is coupled with ICT teaching pedagogy. PPTs, on-line talks, Google Classroom, Google Meet, Zoom, Testmoz, workshop, Guest lectures, expert talks are arranged thereby learning made interesting.
- **Implementation of Skill based and Add-on courses.** All PG courses having CBCS. College conducted National Skill Quality Framework Courses. College is Network Institute for IIRS-ISRO Programs thereby these courses of Space Department made available to students from rural area.
- **Evaluation:** To evaluate the progress of the students, Unit Tests, Assignments, Seminars, Project Assignments, Internships are allotted to the students. Study Tours, Field Study, Industrial visits and internships are also organized to enrich the practical based knowledge.
- **Central Library:** The library provides access to a vast repertoire of International and National journals, reference books, encyclopedias and e-resources.
- **Cross Cutting Issues:** Gender sensitization, Women empowerment, environmental issues, moral, Professional ethical values, better career options, community orientation programmes are conducted regularly.
- **Participation in Academic Activities:** The faculties and students are participated in activities such as Publication of Text Books, Book Chapters, The faculties are participating in FDP such as Orientation and Refresher Courses and Short-Term Courses organized by HRDC of different Universities.
- **Other Academic Endeavors:** Bridge Courses for beginners and Remedial coaching is conducted

for slow learners.

- College is preparing to implement NEP-2020
- **Feedback system:** The robust feedback system gives accountability. Feedback is taken from stakeholders. After analysis the suggestions are send to the University. The feedback received from the Alumni, Employer, Parents, Teachers and students (Department-wise), its analysis and action taken are put into College Development Committee Meeting.
- **Faculty Meetings:** The College every month holds a meeting. All problems and achievements are discussed and sorted out for the counter running and integration of curriculum.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

File Description	Document
1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years	
<b>Response:</b> 8	
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

File Description	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											
<b>Response:</b> 56.88											
1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during 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>626</td> <td>773</td> <td>784</td> <td>620</td> <td>661</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	626	773	784	620	661	
2021-22	2020-21	2019-20	2018-19	2017-18							
626	773	784	620	661							
Upload supporting document	<a href="#">View Document</a>										
Institutional data in the prescribed format	<a href="#">View Document</a>										

## 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:

In order to integrate the cross cutting issues, relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics, the institution has imbibed different activities related to it such as Indian constitution, professional ethics, environmental studies for all UG and PG programs. The students have undertaken a number of activities to inculcate these values and to achieve all round development which creates a positive impact on their study and societal commitment.

#### Environment and sustainability

The institution consciously taking efforts so as to prioritize conservation of the environment. A course on environmental studies has been included in second year for all UG programs. In order to sensitize students about the environmental and sustainability issues, a number of units are taught BSc-Zoo, and Botany , activities such as Excursion , Wildlife Sanctuary, Medicinal Plant Exhibitions, Open wild vegetable competition, Poster competition on wild life, Tree plantation, Seminars, Guest Lectures are organized. A Workshop on “Water conservation” was organized and the water harvesting plant is installed in campus. Celebration of wildlife week , World Sparrow Day, International Ozone Day, Environmental Day is organized every year.

#### Human Values

A number of activities comprising human values have been conducted to create the sensitivity for human values among the students. Ranging from working in Pulse polio Campaign, Swachhata Abhiyan, Road Safety Rally, to organizing blood donation camps etc. Persons of high repute are invited to deliver talks on human values. The institution has regularly organized lecture series on, “Mahanubhav Thoughts” and Programs on “Gandhian Thoughts”. A FDP for faculties was organized on “Human Rights” Guest lectures by experts and luminaries to inculcate social, moral, and ethical values in the students. Staff and students are observing birth and death anniversaries of the great national heroes, by celebrating events like national festivals.

#### Gender Sensitization

Number of activities comprising Gender Sensitization have been conducted. Infrastructural facility such as Girls’ Common Room with Vending and Disposal Machines are available. A state level workshop on, “Empowerment of Women” was organized. International Women’s Day- 8th March is celebrated every year by organizing Guest lecture by Woman luminaries. Workshops, Essay competitions, Awareness Programs are organized on regular basis. ICC keeps vigilance in regards to misconduct and actively work for prevention to sexual harassment.

#### Professional ethics

In order to nurture best ethical practices among the students, several courses have been included in the curriculum. Perceptions of the students on professional ethics have been enriched by exposing them not

only through the curriculum but also seminars, workshops, lectures by eminent scholars with a view to imbibe and practice moral values in their profession. Further, a workshop on capacity building for non-teaching staff has been organized occasionally to enhance the personal as well as professional growth and a workshop on IPR, Cyber Security and e-Content Development are organized for teaching staff and students. The institution has articulated the code of conduct and ethics along with a policy document. In this way institution makes every possible effort to make learners sensible and responsible with excellence.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

**Response:** 52.44

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

Response: 655

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Enrolment percentage

**Response:** 59.33

##### 2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
617	525	577	710	710

##### 2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1077	1074	1074	1033	1033

#### 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:** 58.25

##### 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
339	326	324	355	351

##### 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
592	591	591	568	568

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.2 Student Teacher Ratio

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

**Response:** 36.74

## 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:**

Student centric learning gives the scholar learning autonomy. Our college provides an efficient platform for students to develop latest skills, knowledge, attitude, values to shape their behavior within the correct manner. ICT Tools are used by Faculty to make classes as interactive as possible and encourage innovative thought and novel interpretations. Audio-Visual methodology, Language Lab, Google Classroom, LMS are some of the means utilize by the Departments to provide effective learning. Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

#### 1. Experiential Learning:

- **Project Work-** Student does scientific project in college level as well as in higher level. e.g. Subject Project work assigned to students, AVISHKAR Research Competition.
- **Mock Parliament-** Some students participate in mock parliament organized by Yuvak Biradari, Yuvak Sansad and Indian Students Parliament organized by MAEER'S MIT, Pune.
- **Industrial Visits-** Departments Plan and Organize the industrial visits for students to provide exposure to industrial work culture.
- **Workshop-** Workshop by eminent experts from industry and academics from across the world are organized to supplement the teaching process and provide experiential learning. e.g. Workshop on Intellectual Property Right, Plant tissue culture workshop, Marathi Modilipi Karyashala & Use of Virtual Laboratory in Teaching & Learning process.
- **Innovative Model Making-** Physics department organize Innovative model making competition. Also, Mathematics department organizes Mathematical model making competition on National Mathematics Day.

- **On-job Trainings-** Some Commerce stream student are trained through 15 days apprenticeship work in various private banks for pursuing actual nature of work.

## 2. Participated Learning:

- **Field Visits-** Faculty organizes significant field visits to learn information by observing the objects, places, natural events and other real-life information.
- **Case Studies-** Case studies are made by student for in-depth investigations of a single person, group, event or community. Here data are gathered from a spread of sources and by using several different methods.

e.g. Questionnaires, interviews.

- **Team work-** All Departments organize students' activities to promote the spirit of Team work viz.
- Eco-friendly Raksha Bandhan, Eco-friendly Color preparation for Holi, Eco-friendly Ganesha, Seed ball preparation & Wild Vegetable by Botany department.
- Scientific & Mathematical Rangoli Competition, COVID-19 awareness poster competition,
- Yuva Bhushan Competition by Political Science department.
- Science day Celebration, National Voters day, Constitution day celebration.
- **Group Discussion-** Departments organize group discussion in many of the themes where students are required to come with different opinions, thought processes thus the learning process gets justified in the argue-mental way of learning.
- **Group work-** Practical and workshops altogether individual and group work under the guidance of teachers are also conducted.
- **Seminar Presentation-** Students develop technical skills while presenting papers in seminars.

## 3. Problem solving Methodology:

- **Certificate program in Spoken English-** problems associated with spoken English are solved by arranging lecture, demo session in Language lab.
- **Survey-** Survey are made by student to investigate the characteristics, behaviors, or opinions of a group of people. Economics Department made a survey on Role of Maharashtra Agriculture Product Marketing Committee for Farmer Development: Special Reference to Chikhli Taluka APMC.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years



**Response:** 65.82

**2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:**

2021-22	2020-21	2019-20	2018-19	2017-18
51	51	51	42	42

File Description	Document
Upload supporting document	<a href="#">View Document</a>

**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:** 91.03

**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
33	35	32	20	22

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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:**

The college has well-organized mechanism for Redressal of examination related grievances. The student can approach the Teachers, College Examination Officer and Principal to redress the examination related grievance as per the requirement and jurisdiction of the grievance.

The procedure for handling examination related complaints is transparent, time-bound and effective. The

college follows strictly the guidelines and rules issued by the affiliating university while conducting internals and semester-end examinations.

#### **At Institutional level:**

College Examination Committee has been formed for the smooth conduction of Continuous Internal Evaluation. Starting of every semester all faculty members described the evaluation process of internal marks and external marks. Internal examination test schedules are prepared and communicated to student in advance. At the college level, the evaluation work is done for the internal assessment. The teacher distributes evaluated answer scripts to students, and for any clarifications or grievances are addressed by the teacher. The internal marks are displayed on the notice board. If any discrepancy like mistakes in question paper, mark allocation, correction is noticed by the students, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after resolved by the teacher, then he may represent the same to the HOD concerned. College has to declare final revaluation result within fifteen days. All such representations are taken positively and are reassessed by another teacher if necessary. Retest for the Internal Assessment are conducted for Students who remain absent for internal exams due to genuine reason. The students have the freedom to use the suggestion box to put in the note of dissatisfaction with the internal examination mechanism. The Principal and Faculty In-charge keep an eye on the overall procedure by conducting the periodical meeting with the internal examination committee.

Faculty evaluates assignments and projects based on the curriculum. The grievances of the students with reference to assessment and projects are made clear by showing his/her performance in the answer sheet. They should submit it in time bound period. The evaluation of assignments and projects are display to the students. Any student who is not satisfied with the assessment and projects for award of marks may approach the concern HOD who can intervene and seek opinion of another course Teacher. Thus maintaining the transparency of the marks assigned and to resolve grievances if any.

#### **At University level:**

Grievances related to Under Graduate courses are forwarded to the University Grievances Committee. Students can apply for re-evaluation/Reassessment of their answer scripts within a week from the declaration of results if they are not satisfied with their results. The results of re-evaluation will be announced as per the university norms. Students can obtain photocopy of the answer sheets from university on request.

For students whose marks are not entered or incorrectly entered due to oversight in the University mark list, the college sends a photocopy of the mark list as prepared by the teacher with an application to rectify the error at the University level.

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 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:

Graduate, Post Graduate and Research programs courses under the Faculty of Humanities, Commerce and Science are governed under Sant Gadge Baba Amravati University, Amravati. Program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) for all programs were formulated reflecting the Vision, Mission and Strategies of the College and the UGC guidelines on Graduate Attributes. They displayed in website of the institution with QR code. Students are made aware about PO, PSO & CO in the College Induction program. It is displaced on notice board of Departments in QR code form for ready reference to teacher and students.

In general the following expectations in PO, PSO and CO are discussed frequently with the students by the faculty.

1. Developed Scientific outlook for upgrading the aspects related to life, Acquired skills in handling instruments, planning and performing laboratory experiments.
2. The developments of team work and leadership abilities are imbibed to give importance of safe laboratory skills.
3. Recognize ways in which political, social and economic issues which affect their daily lives across time and space.
4. Develop skill in Computer fundamental, Business regularity framework, areas of Income tax.
5. Imbibes the values of the Indian constitution and their significance in everyday life.

Each course has a defined set of course outcomes and corresponding evaluation criteria. The course outcomes are mapped to the program outcomes which are used to provide the quantitative measurement of how well the program outcomes are achieved. The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs, COs and PSOs. The mapping of POs, COs and PSOs is prepared by IQAC Coordinator in consultation with other faculty members.

Assessment methods include direct and indirect methods. The process of course outcome assessment by direct method is based on Unit test, Semester and Annual examination. Each question in assignment, Semester, Annual examination is tagged to the corresponding to the overall attainment of POs, PSOs and COs.

Class tests are scheduled by the teachers and after the valuation the analysis is done after which the strategy for improvement is made. Seminars are organized and each student is made to participate for analyzing skills and knowledge. Assignments / Project Assignment are given to the students. It helps to measure the attainment programme specific outcomes. Some activities like Quiz competition are also held which makes the institution know about the knowledge and information of the students.

Practical Internal examination is conducted in laboratory to check knowledge and skill acquired by student. To criticize student's concepts in creative thinking and independent analysis, project assignment are given to student.

Co-curricular activities also behavioral outcome of the students are assessed. At end of course, we take feedback on curricular department wise and other aspect from student, Parent and Alumni, Student Satisfaction Survey Summary to check attainment of program and course outcomes. Attainments of CO's are calculated by using University examination results.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.6.2 Pass percentage of Students during last five years

Response: 75

### 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
187	325	216	213	196

### 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
340	335	222	344	275

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:** 3.93

<b>File Description</b>	<b>Document</b>
Upload database of all students on roll	<a href="#">View Document</a>

## 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:** 2.3

**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
1.20	00	1.10	00	00

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.2 Innovation Ecosystem

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

**Response:**

The Institute has given emphasis on promotion and development of research and cultivation of scientific temper by making it socially relevant, locally need-based having national importance and global significance, hence the Institution has taken the initiatives as under:

**Library** as Knowledge Resource Centre enriched with e-resources, research journals and Reference books with current software to access.

**Research and Innovation Cell:**

The College has a Research Cell to motivate the faculty members to write research projects and submit it to various supporting agencies like DBT, SERB, ICSSR, CSIR etc. Research Cell also helps to create research culture among faculty members and students. Dr. Rajendra B. Gade & Dr. Sunita Kalakhe submitted research project proposals to CSIR, SERB, ICSSR & DBT. There are ten Research Centre, Thirteen Supervisors & Twenty six Students are registered for Ph.D. Dr. Rajendra B. Gade has received the international patent Germany, Dr. Ankit S. Kale has received the national patent & Dr. Prafulla P. Padghan has filed the national patent.

- The cell creates awareness about IPR for faculty and students to conduct the workshops.
- To promote patent registration process in India and foreign countries.
- Recognition of more faculty members as research supervisors.
- Faculty publishes their research findings in the reputed journals like UGC care listed, Scopus Indexed and Web of Science Journals.
- Faculties are also encouraged to participate in Faculty Development Programme.

### **Interdisciplinary Instrumentation Centre:**

**Interdisciplinary Instrumentation Centre:** To encourage and develop advanced and interdisciplinary research **Interdisciplinary Instrumentation Centre** is planned to establish by the college.

**Courses:** Nanotechnology, Soil & Water Testing, Sericulture, Apiculture, and Microsoft office & Agriculture Based Entrepreneurship, these Courses are useful for complete research on innovation.

### **Organization & Participation in Science Convention:**

District level Science Convention Avishkar of SGBAU, Amravati was organized by the institution. Student achieved Prize in University Level Avishkar & participated in state level.

### **Organization of National and International Conferences and Workshops:**

Institute organized “National level E-Conference on Role of Nano-Technology for Sustainable Future”. Institute also organized National Level conference on “socio-religious”.

### **Organization of Workshop:**

Institute organized various thirty five University/State/National level Workshops.

- Organization of “Eco-Friendly Ganesha Idol Making” Workshop.
- Workshop on preparation of eco-friendly colors for Holi.
- Fish farming workshop.

### ***Initiatives in creation of ecosystem for innovations:***

- Botanical Garden with Talking Tree-QR Code App.
- Terracotta Garden as our cultural heritage.
- The Institution participated in activities of Research Centers for Gandhian Thoughts.
- Vermicomposting with Vermi Wash.
- Apiculture.
- Mulberry Cultivation for Sericulture.
- Detection of TDS in water sources.
- State Level Wild-vegetable competition by Botany department.
- Environment Conservation fund for Cultivation and Conservation of Plants and also for installation of water spots and feeder for birds and related environmental activities.
- Recognition of institution in Atal Ranking of Institution on innovation achievement (ARIIA).

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 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: 13

#### 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
7	2	2	1	1

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 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: 0.85

##### 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	22	07	06	3

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>



**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:** 1.94**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
13	31	10	14	23

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**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:**

The college organizes and participates in various extension activities with the objectives of sensitizing students about various social issues and also contributing to the community and strengthening the community participation.

**Civic Responsibility:** Students participating in activities such as Voter Awareness Street Play, Rally on Shivjayanti and participation in National Integration Camp help in forming responsible citizens of India. Through such programs the institution tries to instill the value of civic responsibility in young mind of students.

**Environmental awareness:** Students participating in activities such as Deepening of Dam for Rain Water Harvesting, Tree Plantation beyond college campus, Rally on Water Conservation, Vruksh Dindi, Oxygen Park and Preparation of Seed Balls become more aware about fragile ecology and create environmental consciousness among the students and society. Distribution of Vermi Compost to farmers and No Vehicle Day aware the students about environment protection. Organization of Forest Walk and determination of TDS of water in neighborhood community instill the value of environment among the students. Ecofriendly Color preparation knows the students about hazardous chemicals used in artificial colors and wastage of water.

**Health and Hygiene:** Gym Facility for college students & Student outside the college, organization of Covid-19 Vaccination Camp, Walking Track for senior citizens, Organization of Covid-19 Awareness

Programme, Workshop on Microgreen. Health Checkup Camp such as Dental Checkup of Children, Pediatric and Ophthalmic at adopted villages create awareness about health and hygiene among students and villagers. Blood Group detection and distribution of sanitary napkin for women at adopted village and students played role of Corona Warriors during Covid-19 Pandemic emphasize the importance of health. Organization of Immunological Rangoli Competition creates awareness about immunity among students.

**Cleanliness for good living:** Students participated in the Rally on Cleanliness Campaign, Cleanliness drive at bus stand and NSS adopted village with villagers. Such programmes sensitize the common man about significant aspects of good living.

**Gender Equality:** Felicitation of birth of girl child creates awareness about gender equality among the students.

**Human Values:** Distribution of food grains to the Seva Sankalp Ashram of mentally disabled peoples, Distribution of Sarees to poor women, Blood Donation Camp, participation in Pulse Polio Campaign, Free notebook distribution to ZP School students and Free Uniform Distribution to students emphasize the importance of human values for student.

Use of radium stickers to bullock cart and Oxes and students participated in road safety week to create awareness about the rules of driving and to prevent road accidents.

**Awareness about Digital World:** Programs on Cyber Security aimed to create awareness about Online Transaction, Online Hacking, Phone Call Tapping and proper use of Internet for educational purpose only among the students and peoples.

Through the extension activities students get socialized and learn to think for social welfare.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

**Response:**

The institution strives hard to organize various extension activities and outreach programmes through NCC & NSS for community development. The NSS program officer, volunteers & NCC Cadets achieved prestigious awards & recognitions through their continuous efforts. The ANO Mr. S. J. More was honored by Major Rank. Dr. G. G. Malte appointed as Director of Student Welfare Department of Sant Gadge Baba Amravati University, Amravati. Dr. V. U. Pochhi appointed as a regional NSS program officer of Sant Gadge Baba Amravati University, Amravati.

The NCC officer Lieutenant Mr. Kiran Padghan has completed training for Lieutenant of NCC unit in the

session **2021-22**. Institution received certificate of appreciation for the completion of green activities on the occasion of world environment day from Department of Higher Education, Ministry of Education, Govt. of India.

The NSS unit of institution received Swacha-Bharat - Swastha-Bharat District Level award from Sant Gadge Baba Amravati University, Amravati for the organization of cleanliness drive under Swacha Bharat Mission Govt. of India in the session **2020-21**. Dr. V. R. Padwal appointed as a NSS District Co-ordinator of Sant Gadge Baba Amravati University, Amravati. One NCC Cadet participated in EBSB second Saptah at Fort Mumbai NCC Directorate Maharashtra.

One NCC Cadet selected from Amravati group NCC for Thal Sena Camp, New Delhi in the session **2019-20**. One NCC Cadet participated in Shivaji Trail Trek, Kolhapur. Three NCC Cadets participated in BLC Camp Kamthi Army Unit Nagpur. One NSS student participated in national integration camp of Odisha. The NCC unit received certificate of appreciation for excellent service in pulse polio campaign from District Residential Medical officer of District Civil Hospital Buldhana. Two NSS students participated in Pre-RD Camp of NSS at University Level. One NSS Student participated in national integration camp at Assam. Two NCC Cadets participated in all India Trekking Camp Kerala & Lakshadweep.

One NCC Cadet selected for Thal Sena Camp & Republic Day Parade Delhi from Amravati Group, NCC in the session **2018-19**. Five NCC Cadets participated in national integration camp of Pune NCC group at Nashik. Three NSS Students participated in state level camp AVHAN-2019. NCC unit of our college has received second prize for the organization of cleanliness programs at different places in Chikhli from 13 Mah Bn NCC, Khamgaon. Five NCC Cadets participated in EBSB Camp-II, Nashik.

The NCC unit received Best ANO Award from Amravati Group, NCC in the session **2017-2018**. One NCC Cadet Senior under Officer selected for Thal Sena Camp New Delhi. Two NCC cadets selected for Republic Day Parade Delhi from Amravati Group, NCC. The NCC officer Lieutenant Mr. D. R. Sawale felicitated the students. Two NCC Cadet participated in ATC Ahmednagar. The institution received Green Army membership certificate of Department of Forest Govt. of Maharashtra.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**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:** 102

**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
30	13	23	18	18

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**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:** 14

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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:

There are adequate facilities available in our institution for teaching-learning as per the minimum specified requirement by statutory bodies. The campus of the institution is spread over 18.5 Acres of Land. The built-up area is 11939.88 m<sup>2</sup>. The infrastructure of the college includes Classrooms, Smart Classrooms, well equipped Laboratories, Library, Play Ground, Gymnasium, Seminar Hall and two Auditoriums (*Dr. Panjabrao Auditorium and Shivaji Kala Mandir*), two Hostels (Shivaji Boys Hostel and a Girls Hostel), Indoor Stadium and Swimming Pool (Under Construction), Shivaji Complex and Twenty-eight Acres of Agricultural Land. Other Physical facilities include – Student Consumer Store, Canteen, *Kalpataru* Study Centre, Employee's Credit Bank, Rest Room and toilet facility for differently abled students. Solar Panels of 15kW are affixed on roof to save energy. The whole campus is under CCTV surveillance.

##### Classrooms

There are 18 classrooms available in the institution which is sufficient to engage theory classes. All the classrooms are airy and well equipped with required furniture. To overcome the fluctuation in electricity supply, we have Kirloskar 25 KV Generator also.

##### ICT (SMART) Classrooms

To make teaching-learning process effective three ICT Classrooms are available in the college equipped with all the IT facilities.

Sr. No.	Room No.	ICT (SMART) Classroom	Seating Capacity	Area in Sq m
15	103	ICT (SMART) Classroom 1	60	46.47
16	104	ICT (SMART) Classroom 2	60	46.47
17	105	ICT (SMART) Classroom 3	60	46.47

##### Laboratories

There are 13 laboratories functioning in the institution. Ten laboratories are of science subjects (Physics, Zoology, Microbiology (UG and PG), Botany (UG and PG), Chemistry, Electronics and Computer Science (UG and PG). Department of Commerce and Home Economics carries each one lab. All these laboratories are well-equipped to meet the requirements of the students. The labs of Botany, Zoology and Microbiology and Computer Science are recognized research laboratories. English Language lab equipped with language

learning software.

### ICT Facility

Internet Facility with 200 mbps is available. All the laboratories are provided LCD projectors and internet facility. In the Central Library 10 PCs are available. Free Wi-Fi facility is also available in the college campus.

### Library

The Built-up area of the library is 215.53 Sq. m. The Library possesses 40390 books and 931 reference books including Dictionaries and Encyclopedias, books on literature and some rare books are also available. There are 97000+ e-books and 6000+ e-journals subscribed through N-List. Reputed journals are subscribed annually. Library is automated partially by using Soul 2.0 ILMS Software. Newspapers in English and regional language are subscribed annually. Books on Competitive Exams are available for students.

### Sports Facilities

Various Sports Activities are organized in the big playground with theatre style seating arrangement and 200 meter running track. The indoor stadium and swimming pool is under construction. A well-equipped gymnasium is available.

### Auditoriums

There are two auditoriums available in the college - Dr. Panjabrao Deshmukh Auditorium and Shivaji Kala Mandir.

### Yoga Centre

Yoga Centre has been established in the College. Weekly Yoga Performance is arranged.

### Agricultural Land & Shivaji Shopping Complex

The college possesses 28 Acres of Agricultural Land and a Shopping Complex.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

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

**Response:** 12.63

**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
8.70312	0.24549	5.3964	1.5161	5.59667

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**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:**

The library of the college is having adequate space of 215.53 m<sup>2</sup> built up area to meet the requirement of students and teachers. There is Special Reading Room for the students with the area of 48.77m<sup>2</sup> where after borrowing books and periodicals from the library, the students can devote themselves to studies in calm and quite atmosphere. For faculty there is separate Newspaper Reading Room. The library is well furnished with necessary furniture and cupboards to store the books and periodicals.

Today the Library has a stock of over 41,321 Books which includes Text Books, Reference Books, Critical reviews, Novels, Biographies and Autobiographies and other kind of books. The library has encyclopedias as well. The range of encyclopedias include Encyclopedia of Britannica, Encyclopedia of Americana, Scientific Encyclopedia, rare books, books on literature etc. Twenty Volumes of *Nobel Prize Library* is special attraction to the reference section.

All the books have been systematically arranged in cupboards according to DDC of Library science and the borrowers can get the books they need. To meet the current and latest reading habits of student the library has subscribes Newspapers, in English, Marathi and Hindi languages. Reputed Periodicals, Magazines and Journals on various subjects have been subscribed. Some important journals are *Science Reporter*, *Current Science*, *Employment News*, *Education World*, *University News* for updating knowledge and information of the student. The student find them quite useful themselves while preparing for various competitive examination.

The library of college is a rich treasury for those who have thirst of knowledge. It has always been center attraction to student as well as teachers. The timing of library of library for student is from 7.30 am to 5.30 pm and it is also open on holidays.

The staff of the library is always at service to those who are curious to learn. The books are lent to them in systematic and scientific manner so that they should have easy access to books when they required.

Apart from reading material, the library has its own T. V. and non-book reading material. The library is marching toward the automation for better services to users. At present the library staff is doing housekeeping jobs with the help of computers.

Nature of Automation of Library - Library is automated partially by using Soul 2.0 ILMS Software. OPAC services is provided with the help of SOUL. Almost all books are bar coded to provide services to the users.

Keeping the current and updated need of users, the N-LIST services provided by the INFLIBNET is also available in the library. There are e-books and e-journals available through N-List. Every teacher is given membership to assess the N- List, the e- recourses of the library. Around 40 Staff members benefited through N-LIST for the subscription of e-books and e-journals.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 4.3 IT Infrastructure

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

#### Response:

By keeping in mind, the requirement of current educational system and fast changing IT sector, the college is striving to update teaching-learning and admission and other administrative process with IT facilities. We are trying to increase number of computers, LCD projectors, printers and scanners and Xerox Machine. Biometric Machine is installed. Every Department is given QR Code. Students can scan the QR code to access the updated information about the Departments. During Covid period lectures were engaged on LMS portal developed by parent institution. You Tube Lectures are also uploaded by certain faculty members.

#### Internet

We have increased the internet bandwidth from 10 mbps to 200 mbps. In the past academic years Internet service was hired from BSNL and now Service for Internet facility is taken from Oxygen and Orange local Internet Service Providers. Two Wifi modems are available in the college. All the Departments are connected with Optical Fibre Cable.

#### IT Facility in Library

The library is partially automated with Soul 2.0 software. There are 10 PCs available in the library with Internet facility for students. There are 97000+ e-books and 6000+ e-journals available subscribed through N-List for teachers and students. Xerox Machine, Printer and Scanner and one LCD TV set are also



available in the library.

### **IT Facility in the Departments and Laboratories**

All the Departments are provided internet facility and LCD projector. Well IT equipped Computer Science Lab is available for the students. For the students of Commerce another Computer Lab is available where students learn IT skills.

### **Language Learning Lab**

The Language Learning Lab equipped with eleven PCs and Orell Language Learning Software is also available for the students. The lectures of Certificate Course on Communication Skills in English are conducted by using language learning software.

### **IT Facility in the Office**

There are Seven PCs available in the office. The administrative office is IT efficient with ERP Software. A separate Internet Connection with 100 mbps bandwidth is available in the office for online work.

### **Three Smart Classrooms (ICT)**

To make teaching-learning process effective three Smart Classrooms are available in the college equipped with all the ICT facilities.

### **College Website**

The college website is updated with all the information about administration, Departments, Various activities conducted by the Department and facilities available in the college.

### **Talking Tree App**

Talking Tree App is developed by the Department of Botany. By scanning the App one can get all the updated information about the trees and plants of college campus.

### **IT Facility Update**

Facilities such as Internet Connection, College Website, PCs and other IT facilities are updated regularly. Agreement with the Internet Provider is signed. As per requirement, PCs are purchased. All the PCs available in the college are protected with antivirus. The Annual Maintenance Charges for E-Governance, MIS, ERP, EMS, System Software are paid annually. Licensed Microsoft software are purchased for some PCs. Computers and other IT related instruments are purchased regularly. As per requirement service is hired from private service provider for repair and maintenance of IT instruments.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 4.3.2 Student – Computer ratio (Data for the latest completed academic year)

**Response:** 19.22

##### 4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 65

File Description	Document
Upload supporting document	<a href="#">View Document</a>

## 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:** 65.8

##### 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
23.8422	11.06245	24.96997	27.78039	24.11784

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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:** 59.52

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

2021-22	2020-21	2019-20	2018-19	2017-18
844	807	744	713	517

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 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:** A. All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 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:** 50.28

##### 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
757	334	272	973	726

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 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	<a href="#">View Document</a>

## 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:** 35.21

##### 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
95	85	68	81	65

##### 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
186	324	214	203	192

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**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:** 57.41

**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
7	6	4	7	7

**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
17	10	8	10	9

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 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:** 23

**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
2	1	7	8	5

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 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:** 13.8

#### 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
21	00	18	16	14

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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 institute is proud to mention that our Alumni are one of the strongest stakeholders towards all institutional development activities. The Alumni Association of Shri Shivaji Science And Arts College, Chikhli (AAS) is a non-profit making registered Society, **Registration No. is MH /227/04/ Buldana / Dated 18/06/2004**. The mission of AAS is to provide a vibrant, global network and forum that connects and engages the alumni with their Alma Mater.

### **The main objectives of association are**

- To arrange visits of eminent pass out students having substantial contribution in the field of science, technology, sports, cultural and the like.
- To extend opportunities related to jobs, internships and campus placements
- To build an environment that is conducive to mutual growth of alumni and students.

The objective has been the same, to build a strong alumni network which will participate in keeping the AAS banner flying high. Involvement of alumni, in student development through participation in ongoing academic activities including teaching, research, workshops and conferences. Our former faculties and alumni have been keenly involved in all major college functions such as the Annual Cultural Program, superannuation Program, Prize distribution program of the college,

The present Alumni Executive Committee is constituted with 14, The Association is very active in various activities. Following are the various activities conducted by Alumni Association

**Alumni Meet**– AAS organized "ALUMNI MEET"- a programme to foster, consolidate and coordinate Alumni Activities at the college. During pandemic virtual meeting is conducted to engage our alumni. The alumni meet is to reconnect with the Alumni and celebrate their success and various achievements. The planned objective was to interact with the alumni, planning future events, conducting Alumni Satisfaction Survey, Taking Alumni Feedback etc was conducted successfully.

**Tree Plantation:** AAS organized tree plantation program, Sapling of Peepal, Neem were planted at college campus.

**Guest Lectures/ Workshop:** As a part of Alumni Contribution, Guest lecture and Workshops were arranged at the college for appearing students. Renowned Alumni invited as Resource Persons for the event.

**Sessions by Alumni** –Every department invites alumni to share their experiences with the students which further helps them in their future endeavors.

**Support by Fund Raising** – Few renowned alumni contributed fund and each alumni contributes Rs.50/- as Alumni Welfare Fund (once during passing out) for the strengthening of the cell.

Apart from formal alumni association meetings, the institution also engages the alumni support in other ways such as collecting suggestions, feedback on existing curriculum, updates on emerging trends, etc through online mode eg. Google links. In order to enrich a warm relationship, the College maintains regular contact with the alumni and former faculty through email, WhatsApp groups and letters.

**Connect:** We connect using an alumni portal, which records and maintain the alumni data at it provides an update of alumni activities and achievements.

The Shiv family is proud of students who are achievers in every field; carrying with them the values imparted by SSSAC and is making a significant contribution to society.

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Upload Additional information	<a href="#">View Document</a>
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## 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:**

This institute is established in 1967 which is managed by Shri Shivaji Education Society, Amravati and affiliated to Sant Gadge Baba Amravati University, Amravati.

**Vision statement:** “Excellence and Service”

**Mission Statement:** “Tamaso-Maa-Jyotirgamaya” i. e. “To lead from darkness to Light”

Parent management, CDC, IQAC, and other governing bodies fulfil the vision and mission statement of college. CDC works as per directive of Maharashtra University Act 2016 in democratic manner which is composed by President and office bearers of parent management with CDC members. The administration works to make the college as top-tier institution in UG, PG, research, and skilled development programmes. Goals of college represent the governance of the institution, which is in accordance with its vision and mission. College guarantees equal access to quality higher education in Science for all eligible and meritorious students from all socioeconomic levels. Institute links the rural and urban area by arranging various activities for students.

The vice-president of parent management is member of IQAC, management representatives also serve on the committees for purchases and building construction. Principal works as institutional academic and administration Head, Chairman of IQAC, Council of Heads and Staff Council as well as Secretary of CDC. All teachers are the Staff Council members, and teacher representatives serve on other academic and administrative committees as members of CDC and IQAC.

Perspective plan of five years contains overall development of institution in all aspects which is designed by CDC, IQAC, Staff Council and Council of Heads. The IQAC and staff council decides academic activities and methods for executing plans, subject to CDC approval. Various activities related to particular Department are planned and implemented by teachers of respective Departments.

Parent management assists faculty to develop academic leadership and administrative atmosphere, by giving them free reign to serve as conveners, secretaries, and members of the organizing committees of the various academic events organized in college, as well as on various academic bodies of the university. It is acceptable for teachers, non-teaching staff, and students to express their opinions, make suggestions, and take part in any activity intended to advance academic excellence and development of college.

Parent management actively participates in creation and execution of action plans through CDC and review overall annual progress. Quality plans and policies, budget, and audited financial statements are designed by IQAC chairman together with members, and they are approved at CDC meetings. Action plans cover a variety of topics, such as how to enhance teaching-learning, implementation of new programmes, support departmental initiatives with infrastructure, research, Library and use ICT, etc.

The decentralization of academic, co-curricular, extra-curricular, and administrative governance is managed through 50 college committees. The academic and administrative policies are planned by the CDC and monitored at regular intervals through the IQAC, Staff Council and the Council of Heads.

#### Case Study:

Staff Council consist Principal as a Chairman, IQAC Coordinator, NAAC Coordinator & All full time regular teachers of College. *Annapurna Yojana* is successfully completed through meetings of staff council (Highlighted by Yellow color in supporting document).

File Description	Document
Upload Additional information	<a href="#">View Document</a>
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## 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 strictly follows the guidelines established by UGC, NAAC, Govt. of Maharashtra and affiliated SGBA University, Amravati time to time. Organizational structure of college start with College Development Committee which consists of members of parent management, representatives of teachers and non-teaching staff, nominated members and Principal as an ex-officio member. IQAC consists of teachers, non-teaching staff, nominated members of Alumni Association, local bodies, members from industry and student representative. Council of Heads consists of Heads from all departments. Staff Council consists of all permanent teachers. Office- staff includes Head Clerk, Senior Clerks, Junior Clerks, Accountant, peons, and watchmen.

College authorities provide freedom and opportunities to the faculty to plan and implement various academic, extracurricular and extension activities. Many of faculty members appointed at University bodies such as Boards of Studies do get opportunity to develop and enhance their leadership qualities. Principal and faculty members are faithful and ever supportive through IQAC, CDC, College Council, and Council of Heads.

#### Service Rules:

The college follows the rules and regulations pertaining to the service rules and conditions laid down by the affiliated University, UGC and Government of Maharashtra from time to time.

#### Procedure for Recruitment:

The recruitment of all college posts- permanent posts and temporary posts are done by the parent management as per norms and procedure laid down by Government of Maharashtra, affiliated University and UGC.

#### **Procedure for Promotion:**

Promotion to faculty is given according to the directions and the CAS rules of the parent University-SGBAU, Amravati, UGC, and the Government of Maharashtra.

#### **Grievances Redressal Mechanism:**

The College has an Internal Complaint Committee (ICC)), and Women's Grievances Committee for timely redressal of the grievances of the students and the faculty.

#### **Perspective Plan:**

The college has prepared Perspective Plan for the duration 2021-25 in which institution's overall developmental aspects have been taken into consideration such as infrastructural development, introducing new skill-based/ add-on/ value-added certificate courses, purchasing advanced equipments, enhancing research activities, providing academic and sports facilities, developing ICT enabled Classrooms, NSQF based certificate course, organization of training programs for teachers and non-teaching staff, atomization of administration, developing Science Centre for students. Perspective plan is uploaded on college website. IQAC has developed some quality policies through involvement of all stakeholders which reviewed yearly.

To execute Perspective Plan and for enhancing overall skills of students, college has taken a decision to introduce different courses which help students acquire additional life-skill in particular subject. For this, every department of college was asked to design the curriculum and start these Add-On/Certificate Courses of minimum 30 hours duration.

#### **Introducing New Courses through NSQF:**

College decides to introduce new courses as per latest trends and needs of the students. Accordingly, decision about starting new courses was taken in CDC meeting and three proposals were submitted to skilled based courses aligned with NSQF. As a result, the college has received permission from affiliated University to NSQF in English, Botany and Zoology from session 2020-21.

<b>File Description</b>	<b>Document</b>
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### **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	<a href="#">View Document</a>

**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:**

Following are the various welfare schemes for Institutional Teaching and Non-teaching staff as per rules and regulations laid down by Govt. of Maharashtra.

**Group Life Insurance Scheme:** All teaching and non-teaching staff of college has been insured with GLIC scheme. As per norms of the LIC, monthly premium amount is forwarded to the LIC office.

**Health Insurance Scheme:** This scheme is offered in collaboration with Aditya Birla Life Insurance Company and as per conditions of scheme.

**Loan facility through the Salary Earners Society of the college:** The College has "Loan facility for teaching staff through Shri Shivaji Science and Arts College Sevakanchi Sahakari Patsanstha Tq. Chikhli (Reg. No.: 207) ", registered under the Maharashtra Society Act 1956. This society works as per government regulations and it offers Personal Loans and Emergency Loans to the college employees. Yearly Audit of society is conducted regularly. Through this society financial help is given to employee of the college in case of accidental emergency, family of staff member who died in COVID-19 pandemic. Felicitations of employees for their achievements.

**Medical reimbursement from State Government:** As per the rules and regulations of Government of Maharashtra, medical reimbursement proposals are forwarded to Joint Director's office and benefit is availed by the concerned college staff. The year-wise Amount of Medical Reimbursement of this scheme are- Rs. 2, 46,771/- in 2021-22                      2, Rs. 65,630/- in 2020-21, Nil in 2019-20, Rs. 64,953/- in 2018-19 and Nil in 2016-17.

**Some other schemes implemented by college for the employees:**

Maternity leave is available for female faculty up to 9 months; Faculty appointed prior to 2005 are eligible for pension benefits after retirement; Faculties joined after 2005 are covered under DCPS; GPF, gratuity; Casual leave, Earned Leave and Medical leave facility; Duty Leave for attending Seminars, Conferences and Workshops; Financial support to the staff attending Orientation Course, Conferences and Workshops.

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

SGB Amravati University has provided formats for performance appraisal reports of teaching staff as per the Direction No.: 35/2017, Dated 7/ 9/ 2017. For the appointments and Promotions under Career Advancement Scheme of Teachers, Physical Director and Librarian, the Self-Assessment Performa cum Score Sheets of Performance Based Appraisal System (PBAS) is taken into consideration. The Teachers, Physical Directors and Librarian are asked to keep the forms updated annually. These PBAS forms dully filled and Certified by the Principal and IQAC Coordinator are collected in IQAC.

Besides this, every year Parent Management evaluates the performance of Teachers through the self-performance appraisal forms designed by the management. CDC confirms and promotes the employees on the basis of Self Appraisals. Head of the respective departments and Principal evaluates performance of Non-Teaching staff. The Management takes review of performance appraisal reports and an appropriate decision is taken whenever required.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 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:** 17.31

#### 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
9	18	0	0	0

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 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:** 90.15

#### 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
59	78	54	29	27

#### 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	23	41	20	24

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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 college has developed specific plans for mobilization of funds and making the best use of its resources.

### Sources of financial resources:

Financial resources of our college are salary grant received from Maharashtra State Government. Along with this, college mobilize funds from student's fees, donation from alumni, philanthropers, stakeholders and management. For the purpose of research projects and attending programmes like conferences, workshop and seminars, funds are generated from various government and non-government bodies such as DST, CSIR, DBT, RUSA etc. our college is under 2F and 12B as per UGC Act and permanent affiliation of the university. So we receive grants from UGC for development and maintenance of Infrastructure. The Maharashtra government provides funding for EBC and BC scholarships.

### Optimal Utilization of Resources:

Coordinators of various committees and the teacher-in-charge are requested to provide their requirements at the beginning of the session to ensure the best use of resources. A budget is prepared and submitted to the Principal and the CDC for final approval in accordance with the requirements specified by committee

coordinator and teachers-in-charge. The accounting department and the principle process all invoices and financial documentation. The Council of Heads, IQAC, and CDC take a note on how the approved budget is being used. The entire procedure is transparent, and the funds that have been allotted are used to their fullest potential.

The college conducts internal and external financial audit regularly. Before preparing budget for next financial year the accounts of last year are examined carefully. Revenue and expense accounts, payments and receipts, the verification of assets and liabilities, and other significant areas are covered by the audit.

#### **Internal Financial Audit:**

For performing audit mechanism the college uses the ERP cloud-based Master Soft software. All accounts including salary-non salary, scholarship, UGC and other accounts are managed through this software in accordance with accounts rules and regulations. For internal financial audit, the parent institute hired a certified Chartered Accountant who verifies all financial matters like cashbook, voucher, bank details, opening and closing balance of account. After meticulously checking the financial transactions, he creates an audited statement. Before the end of July of each year, the college has to submit the audited statement to the Joint Director of Higher Education office.

#### **External Financial Audit:**

The internal financial audit serves as a practise run for the external financial audit. The grants obtained through various resources must be used in accordance with government's guidelines. The college utilizes and maintains the accounts as per account norms. Once external audit is completed, they provide the institution with the assessment memo. Scholarship account is also audited by the social welfare office of the Government. Along with internal and external audits, the other government audit like AG's audit is also conducted.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## **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:**

The college's Quality Assurance and Quality Enhancement activities are planned, supervised, and tracked by the IQAC.

## **Two Practices for institutionalizing the quality assurance strategies and processes:**

### **1. Implementation of Green Practices in College:**

A green campus is a place where environment friendly practices and education combine to promote sustainable development. The IQAC recommended starting a number of green practices to maintain campus environmentally pleasant through various activities, such as trees plantation, paperless work, plastic use eradication, clean and beautiful campus, no vehicles day, power conservation, paper bag workshop, education campaign on e-waste management and renewable energy. IQAC distributed these green initiatives among various departments and committees to improve the implementation of green practices. Through an annual academic audit, IQAC continuously solicits feedback on the effective, result-oriented implementation of these green initiatives. These practices result in making college campus environment friendly and pollution-free.

### **2. Career Counseling to students:**

As a part of quality initiative, the Career Guidance, Counselling and Entrepreneurship Cell have been established to organize various career guidance programs and provide counselling on job opportunities and entrepreneurship availabilities for the students. Initially, committee prepares annual plan and organizes several programmes or activities such as personality development, communication skill workshop, interview techniques, panel discussion and sessions on general studies. Through broacher and notice, students are motivated to register and participate in such programmes. Guidance and counselling classes are held following the usual teaching session. The career counselling programme have helped the students.

IQAC reviews teaching-learning process through various activities in periodic interval to evaluate the students' academic success and extracurricular achievements.

## **Two practices facilitated by IQAC to review teaching learning process:**

### **1) Academic Audit:**

Throughout the academic year, IQAC conducts academic audit to verify, asses and review various activities carry out by departments such as extension, extracurricular, research activities. IQAC distributes audit format to all the departments and prepare visit schedule to conduct audit. The committee reviewed based audit evaluates university exam results, teaching and laboratory facilities available, newly purchased equipments, research paper publication, research paper presentation in conference by teachers, teachers and students achievements in various curricular activities, organized career guidance and placement programmes etc. All this are registered in audit. The departments are given suggestions and corrective measures.

### **2) Use of ICT in Teaching Learning:**

Every year, the IQAC evaluates the teaching-learning process and take initiative to improve the ICT facilities. The teachers utilise the ICT resources available in all departments to improve the effectiveness of their teaching. Learning Management System (LMS) was offered by the parent institution for virtual learning. Faculty members created videos, audios, PPTs and e-content, which they published on Google Classrooms and You Tube lectures. The URLs of online presentations are available on the college website for the students' use. Faculty used the platforms Google Meet and Zoom for online teaching. The



administrative and examination sections have complete access to ICT resources and they have required software.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
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#### 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	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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:

##### 1. Measures initiated by the Institution for the promotion of gender equity

- **Promotion of Gender Equity:** To promote gender equity, Women's Nurturing Cell and Women's Grievance Cell of institute conducts several activities such as awareness programmes on Save Girl Child and Beti Bachav and Beti Padhav, Pre-Marriage Counselling, Legal Guidance Against Women Harassment, Women's Empowerment Programmes and Workshops etc. for welfare and overall personality development of students.
- **Counselling:** Girl students are encouraged for the study of a various competitive exams for higher study, PG and research. They are encouraged to join NCC and NSS.
- **Safety and Security:** Safety and Security is ensured by 24-hour security at the College entrance, CCTV Cameras at the entrance of the college, in corridors, library, staff room laboratories etc. College primases is well close to prevent entry of outsiders. Identity cards and uniform is compulsory for students and staff members. Discipline committee, security guards ensure discipline in the campus. Complaint and suggestion box is kept in front of administrative office.
- **Common Room:** A common waiting room with rest room is made available for girl students and women staff of college. It is well furnished with necessary things like first aid kit, drinking water, hand wash soap, disposal dustbin, sanitary napkin vending and incinerating machine.

##### 1. Institutional initiatives to celebrate/organize national and international commemorative days, events and festivals.

- **Independence Day and Republic Day:** Independence Day and Republic Day is Celebrated every year on 15th August and 26th January by organizing activities highlighting the struggle of freedom and our responsibility towards our nation. Students were also made aware about challenges our democracy is facing such as corruption, terrorism, communalism, regionalism and relations with neighbouring countries. Moreover, Constitution Day also celebrated on 26th November every year to highlight importance of Indian constitution.
- **International Yoga Day:** Every year International Organized on June 21st, by the Department of Physical Education. On the occasion yoga day training is organized to maintain mental and physical good health.
- **Human Rights Day:** Under the UNO, World Human Rights Commission is established on 10<sup>th</sup> December, 1948. World Human Rights Day is celebrated by Dept. of Political Science on 10th December every year to raise awareness about rights that all human beings are entitled to, irrespective of factors such as religion, gender, language, race, colour and nationality. Our institution also organized Workshop on Human Rights in 2012 and 2015.
- **Celebration of Founders Day:** Our college celebrates the birth anniversary of founder noble leaders, Dr. Panjabrao Deshmukh, Dalit Mitra Pandharinath Patil & R. D. Bhonde Sarkar to get inspiration from their work & ideology.

- **Celebration of Birth and Death Anniversaries** of great historical social and political leaders to get inspiration from their noble work and ideologies.
- **World Women's Day:** On 8th of March, World Women's Day is organized in the institution. Historically and culturally, every part of the world is dominated by males and women are exploited. But the world is changing now. To create awareness about gender equality among students lectures and workshops are organized.

File Description	Document
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### 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	<a href="#">View Document</a>

### 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	<a href="#">View Document</a>

**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:**

**1. Inclusion, Situatedness, Human values**

Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana has conducted several activities to provide an inclusive environment.

- Higher education ministry of government of Maharashtra invokes higher education institutes to organise blood donation camps to overcome shortage of blood supplies during the unprecedented COVID-19 pandemic. In this response the NSS & NCC units our institute organise blood donation camp & participated in this holistic activity.
- Universal Human Right Day is being celebrated on 10th December every year to promote equality, peace, justice, freedom and the protection of human dignity among all stakeholders.
- Constitution Day is being celebrated on 26th November every year, that gives opportunity for students to broaden their knowledge about the Constitution, that have both shaped our history and our lives. On Constitution Day the Preamble of the Constitution is being read by all stakeholders that helps to inculcate the constitutional values among them.
- Voting awareness program is being organised on 25th January every year to aware all stakeholders the importance of voting rights to strengthen the democracy. The moto of activity is to create awareness among them about the duties and responsibilities as an ideal citizen.
- A Workshop on Women Empowerment was organised on that helps to create importance of women in society, just as helps to increase respect and dignity of women among students.
- College organises regularly various activities on Gandhian Ideology to explore its relevance in present era on social harmony, politics, cleanliness and nonviolence, tolerance and secularism
- The college is being restlessly taking efforts to organize activities like Social Harmony Day, World Water Day, World Population Day, Anti-Tobacco Day, HIV-AIDS awareness, World Environment Day etc.
- Birth anniversaries of freedom fighters, social workers and educationists are celebrated regularly to inspire students.

**1. Professional Ethics**

The college has laid guidelines for its stakeholder's viz. teachers, students, other staff members and parents to ensure good conduct and ethical practices in the Institute. College has published its Handbook of Code of Conduct & Professional Ethics, under the directives of the UGC, Government of Maharashtra, Sant Gadge Baba Amravati University, Amravati and the Governing Body of the College. The copy of Handbook of Code of Conduct & Professional Ethics is distributed to each department and made available in library. It is also uploaded on college website for all stakeholders.

The handbook clearly outlines the instructions and set of procedures to be followed by the Principal, teachers, students and other staff members to ensure a smooth and healthy functioning of the college.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 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

**1) Title of Practice:** Rainwater Harvesting and Artificial Recharge of ground water in college campus.

#### 2) Objectives:

1. To increase public consciousness about overall scarcity and economic value of water.
2. To identify the characteristics of catchment areas and recharge zones of aquifers.
3. Planning, development and management of water resources considering local context.

#### 3) Context:

Changes in the rainfall patterns further worsen the situation and the country is experiencing both drought and flooding conditions. Therefore, maximum efforts are needed to conserve every drop of water for the sustainable development of future generations and is the need of the hour.

In the local context, the rainfall data analysed for period 1901-2003 indicates that, Chikhli tehsil, a part of Buldana District comes under "Drought Area". The deeper water levels of more than 20 mbgl are observed. The average rainfall is 711 mm. Also, the supply of drinking water from municipal council, Chikhli is irregular and it is once or twice in a month.

#### 4) The Practice:

A composite bore well recharge system is developed in the college campus by leaving 2-meter diameter space from borewell 8 m wide and 4 m deep well is constructed having double wall cup shape. It is estimated that total 60 lac litre water will be recharged. A 2x3 x2 meter pit is excavated with a honey comb wall. 300 mm filter bed is prepared by using stone crush (Gitti) & sand. An iron welded cover is put on the mouth of the pit. The estimated water recharge capacity is about 60,000 litres.

At the 'Late Pandharinath Patil Samadhi Sthal Plantation arca, 1m x 0.5 m x 300 m long trenches were excavated, keeping a distance of 5 meter in each. Lastly it is connected with a percolation tank. The estimated water recharging capacity is found 7.5 lac litters.

Soak pit, 2.5 x 9.5 x 2.5-meter was excavated; it is then filled with stones, bricks and sand. 2.5 x 2.5 x 2.5-meter dimension farm pit was excavated having 60 m graded filter bed. The total estimated recharging

capacity is around 3 lac litters.

A farm pond with 20 x 10 x3 m dimension is dugged and murum is kept at edge, and edge made high. The estimated, recharge capacity is found 30 lacs lit per annum. An old well was cleaned and renovated twice and then a mesh of iron and it kept open for public use.

#### **5) Evidence of Success:**

1. All these projects are physically built and properly functioning in the campus.
2. Numbers of visitors had visited & appreciated.
3. Newspaper cuttings, photographs are available.
4. Activities are supported and maintained by NSS and NCC units regularly.

#### **6) Problems Encountered and Resources Required:**

1. Financial problem arise were solved by generous donations and labour work by NSS, NCC and staff volunteers.
2. Technical know-how was studied precisely with self-motivation. Technical help was not sought from outside.

**7) Notes (Optional):** It is marvellous, novel and need based project. In a drought prone area, it is an inspiring & motivating model.

#### **1) Title of the Practice:** Documentation of Traditional Knowledge About Medicinal Value of Wild

Edible Vegetables and Medicinal Plants.

#### **2) Objective**

1. To study and document the traditional knowledge of wild vegetables and medicinal plants.
2. To create awareness about the importance and medicinal values of the wild vegetables and medicinal plants among students and society.
3. To maintain the biodiversity of the plants.

#### **3) Context:**

Nature has lots of miracles. Wild vegetables are nature's gift for us. Different kinds of wild edible vegetables and medicinal plants blossom in the beginning of rainy season on mountains, farms and in forest. In tribal region people eat wild vegetables as their food. It has been observed that the traditional knowledge on wild vegetable plants is sharply declining. Special efforts are needed to aware younger generation about nutritional and health benefits of wild edible vegetables and medicinal plants.

#### **4) The Practice:**

Department of Botany organised District, Regional and State Level Wild Vegetable Competitions and Medicinal Plant Exhibitions in past few years. For the publicity of competitions several mediums were

used like, distribution of pamphlets, news in newspaper and local cable network. These competitions were open for all age groups.

Wild Vegetable Competitions were organised in the year 2016, 2017 and 2022. 'Seed mother' Rahibai Soma Popere (Padma Shree Awardee-2020) was resource person for this competition. She shared her knowledge about 200 types of indigenous seeds and wild food resources and its nutritional values. For this competition cash prizes of Rs. 5000, Rs.3000, Rs.2000 and Rs.1000, were sponsored by eminent personalities; Mrs. Shwetatai Mahale, Mrs. Priyatai Bondre, and Mrs. Rekha Deshmukh.

Medicinal Plant Exhibitions were organised for students in the year 2018, 2019 and 2022 for Document of Traditional Knowledge of local Medicinal Plants. Students collected the local medicinal plants and information about its medicinal benefits.

#### **5) Evidence of Success:**

1. In this State level competition 150 contestants participated with 75 different varieties of wild vegetables.
2. Mrs. Rahibai Soma Popere, well-known as Mother of Seeds guided about the nutritional value of the plants and the process to conserve indigenous seeds.
3. Documentation of 35 medicinal plants in the form of display charts in Botany Department.
4. This activity helps students to know the medicinal benefits wild vegetable and some medicinal plants.

#### **6) Problems occurred, and resources required:**

1. Identity and collection of wild vegetables and medicinal plants in stipulated period stipulated period was the challenging task.
2. Visit to local people who have good knowledge of wild vegetables.
3. Students from villages collected plants information from local farmers.

#### **7) Additional Notes:**

Our institute helps and encourage us for these activities.

#### **8) Contact Details:**

Name of the Principal : Dr O. S. Deshmukh

Name of the Institution : Shri Shivaji Science and Arts College,  
Chikhli, Dist. Buldana Pin Code: 443201

Work Phone : 07264242088

Website : shivajichk.ac.in

Mobile 9422125738:/ 9890964215

Email : shivajichk@rediff.com

File Description	Document
Best practices as hosted on the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

### 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:

##### Institutional /distinctiveness

The college is established in 1967 to serve the educational needs of rural area students. Dr. Punjabrao Deshmukh, the first agriculture minister of independent India and Dalitmitra Pandarinathji Patil worked under the banner of Shri Shivaji Education Society, Amravati. Some other social activists and some farmers from nearby area contributed for the development of this educational institution.

The sole aim behind the establishment of this institution is to provide higher education to the students from downtrodden society. In 1967 this was the only rural area educational institution in the Buldana district which imparted science education to the students. Since then, all the administration including the faculty have-been striving for the educational upliftment of the needy students. The college runs in three faculties' viz. science, arts, and commerce. As a result of the distinctive efforts of the institution to provide education to the students of socio-economically backward society, the enrolment of girls at under graduation level increased considerably.

The vision of the institution is "Excellence and Service", to lead me from "Darkness to Light". In accordance to the vision, to equip the students with knowledge and skill, in addition to the regular teaching we conduct the following activities:

1. The college is situated near Nagpur-Pune state highway and is in proximity to bus stand and city area. Students from ruler area prefer our institute for higher education as nearly 40 villages are attached to Chikhli city. Due to proper location of college most of the students prefer up-down by state transport service as they belong to farmer's and farm workers family and need to help them in their businesses. Institute help students to avail state transport pass concession facility.
2. Late Anantrao Panjabrao Deshmukh study center for competitive examination is established. This study center provides an opportunity to economical weaker students to prepare themselves for competitive examinations as they cannot afford this facility in urban area. In view of this institute made available highly recommended books and magazines for preparation of competitive examination in central library.
3. Woman's Grievance cell and Internal Complaint Cell has been established to promote gender



equity, institute conducts several activities such as awareness programmes on Save Girl Child and Beti Bachav and Beti Padhav, Pre-Marriage Counselling, Legal Guidance Against Women Harassment, Women's Empowerment Programmes and Workshops etc.

4. Institute has taken initiative to conserve water by applying rain water harvesting, artificial recharge of ground water, borewell well recharge project, trenches in college campus along with a well-established central water distribution. To provide clean and green campus institute promote environmental activities such as tree plantation, cleanliness drives and awareness programmes. Energy Audit, Green Audit and Environment Audit of the college campus is done by government recognized private agency. The Rain water harvesting project in the college campus helps to aware students about water conservation. This resulted in the rise of water level in the college campus as well as in the surrounding area.
5. The NCC unit of the college is working for inculcating patriotism & devotion to the nation among students. After acquiring c-certificate, many students joined army to serve the nation. Girls NCC unit is the unit is special, as every year at least 40 girls participate in NCC. Some students from other districts also seek admission in the college to join NCC. Most of the cadets including girls are selected in army every year.
6. The NSS unit of the college provides opportunities to the students to observe the society and to acquaint themselves with social problems, such as farmer's suicide, superstitions. They also get opportunity to serve the people.
7. Different sports activities are conducted from the college for the all-round personality development of the students. Well-equipped Tanaji Gymkhana and 400 meter running track is made available for students, stakeholders and society with clean and green environment in college campus.
8. Different programs are organized to inculcate human values such as celebration of constitution day, birth and death anniversaries of social and political leaders, and voter's awareness program. Yoga-day is also observed. Students are motivated to participate in cultural activities such as youth festival and annual gathering.

Among all of above distinctive activities the NCC unit of our institute is special one. The NCC unit of the college is established in 1972 under 13 Maharashtra Battalion, Khamgaon. Since the establishment it has been working very effectively by giving opportunities to the rural area youths to participate in NCC training programs. The NCC cadets participate every year in RD pared at Rajpath, Sthal Sainik Camp. The unit is special, as every year at least 40 girls participate in NCC. Some students from other districts also seek admission in the college to join NCC. Most of the cadets including girls are selected in army every year. The distinctive feature of our NCC unit is participation in socially related activities. The college is specially known in the District for its NCC unit.

File Description	Document
Appropriate web in the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

## 5. CONCLUSION

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### Additional Information :

Our College is one of the largest institution in Rural area of Buldana District affiliated to Sant Gadge Baba Amravati University Amravati, having 18.6 acres of college campus. Our college also possesses 28 acres of agriculture land. The College is a Part of IQAC Cluster of Maharashtra. The College has been recognised in the Band “Beginner” under the Category General Non-Technical in ARIIA 2021. The College is a Pioneer to start advanced courses like Microbiology, Electronics, and Computer Science from 1986.

- i) From Corpus Fund of College uniform to the Students are donated to those who are BPL Card Holders.
- ii) Students of this college stand in Merit list of Sant Gadge Baba Amravati University Amravati. Mr. Shivaji Salwant stood 7th in order of merit in 2018 and Miss Poonam Kale stood 4th in order of merit in 2019. Mr. Anil Khandode stood 3rd merit in 2020. Mr. Dattatray Gadhve stood 2nd order of merit in in 2021 in the faculty of Humanities.
  - iii) College has taken another step towards strengthening Multidisciplinary/ Interdisciplinary curriculum by working as Partner with Network Institute for Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, Dept. of Space, Govt. of India. IIRS conducts Programmes.
- iv) To develop Scientific Thinking approach in Students, Rational Thinking Cell of Maharashtra Faculty Development Academy, Pune has been established in College. College is selected as Training Centre from Buldana district. Five Students and Prof. S.V. Datupure and Prof. Trupti Shrirame worked as a Trainer of this Cell.
- v) For Personality Development of Students Carrier Katta is established in College Campus in Collaboration with Maharashtra State Higher Education and Maharashtra Information and Technical Center.
- vi) Guest lecture series was organised on Environmental issues as well as on the occasion of Birth Anniversary of Legendary personalities.
- vii) Data Base of Wild Vegetable of Buldana District was prepared by Botany Department.
- viii) Textbook of Marathi is published in the syllabus of B. A. I curriculum by SGB Amravati University.
- ix) Gold Medal has been awarded to Abhishek Mohan Pariwale, one of our students, in the Inter-Colligate wrestling competition organised by SGB Amravati University, Amravati.

### Concluding Remarks :

Shri Shivaji Science and Arts College, Chikhli is situated in rural area of Buldana District of Maharashtra. The college was established in 1967 under the aegis of Shri Shivaji Education Society Amravati. Under the guidance of visionary leadership, the college has been able to metamorphose itself into a vibrant and

experimenting organization which completed two cycles of NAAC.

The research, ecosystem evolved over the period has resulted in publications, patents and research projects. The thrust on academics is evident through CBCS and curriculum reforms. Internship, experimental learning and opportunities of Add on/Certificate courses on soft skill and continuous evaluation are certain features of our endeavor.

The physical infrastructure includes library, laboratories, research centres, smart classrooms, gymnasium and sport facilities with focus on sustainability, we are marching ahead. Various opportunities in the form of college magazines, cultural programs and competitions we ensure the all-round growth of students.

In research, we are moving ahead. We have ten research centers in the faculties of Science, Humanities and Commerce. Ten Students are already awarded Ph.D. degrees. Around twenty five students enrolled for Ph.D. course work. We have 34 teaching faculty. Twenty-two are with Ph.D. degree and 12 faculties are holding NET/SET qualification.

During last five years college has introduced 3 NSQF Courses and 12 Add on/ Certificate courses. We have green policies for environment sustainability implemented in college premises. As a part of it we have water harvesting project. Course attainment of all programs is satisfactory.

We are in the process of strengthening its infrastructure, faculty based industry linkages with the belief that excellence is not the destination but a journey.

## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
3.1.1	<p><b>Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)</b></p> <p><b>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)</b> 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>2.20</td> <td>00</td> <td>1.10</td> <td>00</td> <td>00</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>1.20</td> <td>00</td> <td>1.10</td> <td>00</td> <td>00</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	2.20	00	1.10	00	00	2021-22	2020-21	2019-20	2018-19	2017-18	1.20	00	1.10	00	00
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2.20	00	1.10	00	00																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
1.20	00	1.10	00	00																	
3.3.1	<p><b>Number of research papers published per teacher in the Journals on UGC care list during the last five years</b></p> <p><b>3.3.1.1. Number of research papers in the Journals notified on UGC CARE year wise during the last five years</b> 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>03</td> <td>22</td> <td>07</td> <td>06</td> <td>03</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>2</td> <td>22</td> <td>07</td> <td>06</td> <td>3</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	03	22	07	06	03	2021-22	2020-21	2019-20	2018-19	2017-18	2	22	07	06	3
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2	22	07	06	3																	
3.3.2	<p><b>Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years</b></p> <p><b>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</b> 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>13</td> <td>31</td> <td>11</td> <td>14</td> <td>25</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></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	13	31	11	14	25	2021-22	2020-21	2019-20	2018-19	2017-18					
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13	31	10	14	23
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Remark : DVV input as per data provided and DVV suggestions

## 2.Extended Profile Deviations

ID	Extended Questions
1.1	<p><b>Number of teaching staff / full time teachers during the last five years (Without repeat count):</b>            Answer before DVV Verification : 47            Answer after DVV Verification : 47</p>