



SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

SHRI SHIVAJI SCIENCE COLLEGE

SHIVAJI NAGAR, MORSHI ROAD, AMRAVATI

444603

www.shivajiscamt.org

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Shri Shivaji Science College, located in the heart of Amravati city is cherishing under the aegis of Shri Shivaji Education Society, Amravati established by the great visionary and educationist Dr. Panjabrao Deshmukh, First Agriculture Union Minister of Independent India. It has been progressing since 1958 as a multi-faculty Institute and from 1969 as a single faculty Science College.

Since the first NAAC accreditation in 2001, the institute consistently maintained quality and achieved an 'A' Grade in subsequent assessments in 2008 and 2015 with 3.10 and 3.13 CGPA, respectively. It is included in sections 2(f) and 12B of the UGC Act 1956 and enlisted as PG College.

It has earned the status of “College with Potential for Excellence” (second phase); identified by the DST, for FIST grants and Sant Gadge Baba Amravati University, as “Lead College.” It is also certified by ISO 9000:2005.

The college has physical expanse in the area of 11.85 acres housing ICT inducted lecture theatres, independent UG, PG and research laboratories, stand-alone library, huge multipurpose hall, two AV theatres, on-campus accommodation for girls, gymnasium, Play Grounds, exclusive basketball arena with the provision of floodlights for night matches, state of the art research facility in the form of Central Instrumentation Cell, Innovative Pedagogy Development Centre, Students' Co-operative Store, SSVM Karmachari Sahakari Patsanstha, hygienic canteen, etc. gives conducive and encouraging ambience to the students and faculties. Moreover, with the parent management's generous help, the college has established Science and Innovation Activity Centre under the Scheme of Rajiv Gandhi Science and Technology Commission, Maharashtra.

The institution is imparting education for B.Sc., B.C.A., B.Voc., Seven PG&PhD programs with Twenty-nine Certificate Courses including Five Career Oriented programmes sanctioned under the scheme of UGC are housing thousands of the students. The novel knowledge ecosystem flourished in the institutions stemmed in significant outcomes of the research contributions in terms of the publications, patents, projects and innovations. Extension and Outreach activities, internships, exchange programmes are the fruits of the Collaborations and MoUs.

This premier institution is committed to national unity and integrity paving the path to emerge as a Centre of Excellence.

Vision

To develop the Institute as a Centre of Higher Learning ever abreast with the expanding horizon of knowledge in the field of Science and to facilitate the transformation of students into good human beings, responsible citizens and competent professionals.

Mission

- To provide quality education, equip them with analytical insights, intellectual maturity, strength of purpose and willingness to work hard conforming to ethical values.
- To be a bridge between the rural-urban divide, taking the benefits of education to the poor and the marginalized, aiming at their empowerment.
- To ensure access to and equity in higher educational opportunity to all deserving and meritorious students with a preferential option for the poor and marginalized, irrespective of caste and creed.
- To attract and develop talented and committed human resources, and provide an environment conducive to innovation, creativity, team spirit and entrepreneurial leadership.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Supportive Parent management with high academic and research interest and social priority
2. Proactive, qualified, experienced and experimental teaching faculty holding important positions in the authorities of affiliating universities and NGOs as well
3. Motivated, inspired and meritorious students (Inspire Fellows)
4. Experienced and dedicated technical and non-teaching staff
5. Strong emotional bondage between students and faculty
6. State of Art facilities in smart classrooms, equipped laboratories and library
7. Quality endorsed by own University as Lead College; Central Agencies through provisions of status/grants under CPE and FIST; financial assistance to the minor and major projects and ISO Certification
8. Productive research centres with the facility of Central Instrumentation Cell equipped available for research scholars in and around the college
9. Patents granted to the faculty members
10. Nurture the innovative ideas of the students, a dedicated “Science Innovation and Activity Centre” is available
11. On-campus accommodation facility with Gymnasiums for girls and boys
12. Pioneer Institute for Guardian Teacher Scheme
13. Complete Chain of courses from HSSC to Post PG (research) is available under one roof
14. Enrolment of the good number of in house and other students to Online Add on and Value-Based Courses conducted by college shows a preparedness to enter into the new methodologies envisaged in Blended Mode of Learning proposed by UGC
15. Comprehensive use of ICT by teaching faculty makes learning a joyful experience
16. The significant blending of pedagogies by maximum teachers to conserve democratic participation of the students in the classroom
17. One of the very few institutes encashing the benefit of the CBCS scheme to earn additional credits for students by providing them “General Interest Courses”
18. Lush green, hygienic, and huge campus with the maintenance of the diversity of the flora and fauna
19. Noteworthy active collaborations and MoUs with the teaching, research, industrial and Non-Government institutions
20. Availability of the Online Learning Resources from Swayam, NPTEL, Amrita Virtual Lab, etc. through Local Chapter and Nodal agency
21. Significant Extension and Outreach activities realised remarkable social impressions and an offer by Government agencies like MPCB to establish Continuous Ambient Air Quality Monitoring Centre.
22. Cultural activities earned the topmost position in the University as “General Champion”.

Institutional Weakness

1. Being an institution offering conventional UG courses, students choosing placement opportunities are very few and opportunities for internships are limited
2. Limited scope for revisions and modifications in the curriculum and examination reforms at institute level due to administrative set up of the University
3. Placement opportunities are very less due to the inadequate growth of industries in the local area
4. Regional barrier resulted in lack of student admissions from other states and nations
5. Alumni Association needs strengthening in terms of financial support from alumni and eventual provisions from the institute in general and students in particular
6. Extension activities need regional expansion to receive recognition at the state and national level
7. The crunch of negligible financial support from the government agencies does not allow institute to offer any fellowships to the students at their own
8. Single faculty Science College has limitations to offer skill components in linguistics and communication to the greater level

Institutional Opportunity

1. Institutional Innovation Council and Science Innovation and Activity Centre working under college is the most prospective platform to bring innovative ideas of the students and the faculties to reality and scale them up
2. Potential CIC of the institution opens new vistas to emerge as Popular Research Centre
3. Strengthening of Innovative Pedagogy Development Centre will conceive many teaching methods to upgrade learning levels
4. The addition of the new faculties in almost every department will lead to the conception of interdisciplinary research
5. MoU established with various associations will be concretised by offering Internships and Student Exchange Programme.
6. Transformation of the ICT classrooms into the smart classrooms to enhance the enjoyable experience in the learning process
7. Legacy of the excellence in Cultural Activities will be uplifted to the State and National Level
8. Incorporation of dedicated schemes under Career Counselling and Entrepreneurship Development Cell to produce more employer as well as employable graduates
9. Addition of the PG Courses, Online Courses, provisions of the selective courses from SWAYAM, NPTEL and other platforms will offer complementary knowledge and skill component to the students
10. Participation of the motivated faculties in workshops/training programmes at the National and International levels will cater resourcefulness to them
11. Competing for financial support under various schemes like PMMMMNMTT, CPE, FIST, BUILDER, STAR, etc. will reinforce the facilities and confer a progressive learning environment
12. The experimental aptitude of the faculties will make very affluent gelling into the forthcoming transformations due to enforcement of the National Education Policy.

Institutional Challenge

1. Decreasing attendance in the classrooms due to excessive emphasis on online education and overuse of

the digital gadgets

2. The declining importance of the conventional courses over the applied may degrade the foundation of knowledge
3. Higher-level knowhow of the technological advances in T, L & E for the senior faculties
4. Incorporation of changes or addition of the Skill Components in the existing curriculum devised by affiliating University
5. Placement for the students with the graduate degree with Basic Sciences
6. Costs applicable to publish research papers in the journals indexed in the Scopus/Web of Science, etc.
7. Research in the fundamental aspects of the sciences may not lead to the Patents
8. Sustainability of the Science Innovation and Activity Centre due to paucity of funds
9. Attracting international students due to regional limitations
10. Tracking the progress of the students after completing their education at the institute is difficult
11. Receiving the donations from the alumnus, philanthropists and making provisions of the scholarships

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Our college is affiliated to Sant Gadge Baba Amravati University, Amravati and follows the curriculum and academic calendar stipulated by the University. The college has devised its own mechanism for the effective implementation and delivery of the curriculum with strict adherence to the University Academic Calendar. The mechanism is designed & developed in a meticulous manner to encourage participative, collaborative & experiential learning. Some of the documents maintained for curriculum delivery include Time Table, Teacher's Academic Diary, Micro Teaching Plan, Bridge Courses, Result Analysis and Mentor-Mentee records. The pedagogy includes use of ICT tools, assignments, projects, presentations, need-based survey programs, tests, group discussions, audio-visual aids, field work, and educational excursions. To make the learning more productive and interesting, opportunities are provided to the students through clubs and societies where students learn life skills; develop competency and positive behavior. The college library has access to INFLIBNET, DELNET, books, journals and other e-resources to update knowledge.

Recently, the college has introduced 01 UGC sponsored B.Voc. programme. In all, we offer 28 Programs including UG, PG and Ph.D. To equip the students with job-oriented skills and life skills, 29 certificate courses are being run and 6428 students are benefited till date. Our university has introduced Choice Based Credit System and Grading System for all the PG programmes. Sufficient academic flexibility is also observed within the courses by offering elective papers for the PG students.

Students are encouraged to participate in various academic and research events like workshops, seminars and conferences; both, within and outside the institution to help students expand their intellectual horizons and develop relevant competencies. They are also sensitized about the issues like gender equality, human values, professional ethics and environmental sustainability.

The college has a structured system for collecting feedback from all the stakeholders for further analysis and action. The analyzed feedback and action taken reports are displayed on the institutional website.

The college teachers working on the university bodies like BoS, and Academic Council of the university contribute to the design and development of the curriculum.

Teaching-learning and Evaluation

The admission process is online and strictly adheres to the eligibility criteria and reservation policy of the affiliating university and the state government.

To cater to the learning needs of the students, the institution has developed its well-planned process of identifying slow and advanced learners. Accordingly, the college organizes activities and competitions like seminars/quizzes/project competitions, case studies, geological surveys, science exhibitions, bridge courses and remedial coaching for advanced & slow learners. The advanced learners are provided special guidance for achieving higher scores and the slow learners are guided to go through the university examinations with good marks. The mentor-mentee scheme of the college plays a vital role to understand the learning needs of individual students. Special Guardian Teacher meetings with the mentees are also arranged to sort out the students' problems from time to time.

The experiential, participative and problem-solving learning is promoted through laboratory courses, hands-on training, field projects, internships, visits to industry and research centres, summer courses etc. This has proved very interesting and helpful for students to perceive the fundamentals of science subjects and also to develop their communication skills.

The college has a local chapter of SWAYAM's NPTEL, Govt of India and nodal centre of Virtual Lab of Amrita University. The NPTEL Chapter of the college promotes the students and the staff to enrol and complete the various MOOCs online courses of their interest for their career ahead. During the COVID Pandemic, students availed the facilities of Virtual Labs of Amrita University to perform online experiments. The e-content is developed by the college teachers which include video lectures, PPTs and reading materials which are made available on the college website.

Amongst the well qualified and experienced faculty, 76 % possesses a PhD degree and 42% are female teachers. Students' performance is evaluated through CIE and students' success in university examinations directly measures the attainment of pre-stated COs, PSOs and POs.

During the COVID-19 pandemic, the college succeeded in engaging the students in various innovative and creating learning by organizing online activities.

Research, Innovations and Extension

The college has a well-conceived policy to blend teaching and research for every teacher. Teaching at UG, PG, and Research has been managed with outstanding research and the student's contribution. The college annually reserves enough funds to develop and maintain adequate infrastructure, equipment and instrument. The CIC is the state of art facility provided to the researchers in and around the College. In the past five years, funds from schemes like CPE, FIST and other research projects supported progressive updates. Some of the major research facilities augmented with XRD, Spray Pyrolyzer, Transition Temperature measurement Setup for Superconducting Sample, Ultramodern Microphotography Devices, etc. Cultivation of the research and Innovation in the campus is endorsed by RGSTC, Maharashtra, by offering Science and Innovation Activity Centre, which will be an incubation centre for the students.

Some of the tangible outcomes of the research and extension activities are the students' emotional bondage to society and the accomplishment of 51 extension and 80 Outreach activities. In addition, enrollment for 95 PhD

research scholars, including 39 awarded under the 34 supervisors with publications of 78 UGC/Scopus listed, 252 peer-reviewed research papers, 7 patents, 132 papers in proceedings, and 56 books are the publications credited to the institution. Awards to the innovative ideas presented by the College Students under Avishkar at National Level is the additional feather in the crown.

Grants received for dedicated Research Projects of Rs. 41,27,300/-; Conferences, Workshops programme of Rs. 9,49,155/-; Sports Research Facility Augmentation grants of Rs. 17,00,000/-; and Rs. 2,77,29,195/- from RGSTC for Science and Innovation Activity Centre, including a college share of Rs. 1,02,29,195/- demonstrates the consistent flow of funds and endowments from various agencies.

23 Functional MoUs and 40 activities under collaborations with various agencies are also proved pervasive for students and society. Various programmes on Research Methodology, IPR, entrepreneurship, Skill Development widened the benefit.

Infrastructure and Learning Resources

The Institution has adequate infrastructure and physical facilities for teaching-learning like 03 ICT-enabled Seminar halls equipped with LCD projectors with internet facility /Smart-boards and CCTV cameras, 19 spacious and well-ventilated ICT-enabled classrooms equipped with LCD projectors, 38 Research Labs and Central Instrumentation Facility, internet facility/Wi-Fi/LAN facilities, 06 Interactive/Smart Boards and CCTV cameras.

The college library is fully automated with LIBMAN software. It has a subscription of e-books and e-journals via INFLIBNET and DELNET. Question papers, projects and theses are availed through a digital repository in the college library. The library is fully computerized with the application of bar-code technology. The students have access through OPAC (Online Public Access Catalogue) and an E-portal is developed for providing User Education and Information Literacy.

The college has integrated the academic, administrative and admission processes with the latest IT facilities. The college has updated its IT facilities periodically by increasing the number of computers, printers, scanners, LCD projectors, Xerox machines, etc. It has also upgraded the website, online admission process, various softwares.

The college has upgraded the internet connection bandwidth from 20 Mbps to unlimited 40 Mbps bundled connectivity under a VPN broadband facility. All the departments are equipped with computers, printers, scanners, LAN and Wi-Fi connectivity

As a part of Regular upgradation of Office Administration, Cloud Based ERP CCMS – Centralized Campus Management System containing modules viz, One Time Data Conversion, Online Admission Payment Gateway & One Time Cloud Setup.

The optimal utilization of the physical infrastructure and the academic and support facilities in the college is properly planned by the Principal in consultation with the IQAC and the other related college Committees.

All the physical, academic, and support facilities are augmented and maintained through various college committees such as College Development Committee, Library Committee, Building Committee, Purchase Committee, UGC Planning Committee, Campus Discipline and Cleanliness Committee, etc.

Regular maintenance reports are maintained at the college level and any new proposals for change/addition of infrastructure shall be taken care of from time to time. The Advanced and Expensive types of equipment in the college are maintained as per the Annual Maintenance Contract (AMC).

Student Support and Progression

As stated in its vision, the college strives to develop the Institute as a Centre of Higher Learning ever abreast with the expanding horizon of knowledge in the field of Science and to facilitate the transformation of students into good human beings, responsible citizens and competent professionals.

About 55 % of students have received scholarships and other financial assistance from the state and the central government in the last five years.

The college has taken great initiatives in capacity building & skill enhancement of the students by running 25 courses. In the last five years, 53 students qualified for the NET/SET, Civil Services and other competitive examinations. In all, 2265 students got benefitted from the Career Counseling & ED Cell and the Coaching for NET/SET classes in the last five years. Campus Drives are arranged to facilitate the placement of the students. 120 outgoing students got placed and the other 90% went for the higher studies.

Anti-Sexual Harassment Cell and Anti-Ragging Committees of the college have been efficiently working in the college. At the entry-level, students of the college are addressed by the Principal and are made aware of discipline, rules, regulations, especially anti-ragging rules through the Induction Programmes. Campus monitoring is done under CCTV surveillance. The complaints and Suggestions Boxes are installed on the college campus. No significant grievances were reported in the last five years.

The college provides the platform to the students by organizing University Level Sports Competitions and Shivaji Olympiad on the college campus. Students participated in 140 events during the last four years and won 38 awards/medals in Games and Sports, 15 in Cultural events and 19 NCC students got selected for RDC. The College NSS Unit has been doing excellent work for nation-building.

Students' Council members actively participate in Avishkar, Youth Festival, Annual Social Gathering (Shivotsav), Students' Parliament, Seminars, Workshops, Conferences, Environmental Awareness, Cleanliness Drives and Health Awareness activities.

The college has registered Alumni Association and provided Rs.137340/- financial assistance to the economically backward students for their higher education in the last five years and has contributed to the overall development of the college

Governance, Leadership and Management

The College is managed by Shri Shivaji Education Society, Amravati. The management strives to develop the college as a premier higher education institute through the perspective plan. The college development committee (CDC) works in a democratic way and the decentralization of academic and administrative work is managed through the 34 various committees. The college has e-governance in operation in Administration, Finance, Accounts and Students' Admissions. The college has various welfare schemes for the teaching and non-teaching staff as per the rules and regulations of the government of Maharashtra. In the last five years, financial

support has been provided to 93 teachers for presenting papers/attending conferences/workshops. In the last five years, 12 professional development /administrative training programs were organized by the institution for teaching and non-teaching staff. 99 teachers completed online / face-to-face Faculty Development Programmes in the last five years. The performance appraisals of the teaching staff are collected at the end of every academic year through the format provided by the parent university. The internal and external audits are conducted regularly. The College receives the salary grant from the Maharashtra State Government and the development grants/funds from the UGC, DST, DBT, CSIR agencies. The utilization of the sanctioned budget is monitored by the Council of Heads, IQAC and CDC. The IQAC has been contributing significantly in many ways for institutionalizing the quality assurance strategies and processes. The IQAC conducts the academic audit of all the departments, prepares AQAR and participate in NIRF. The IQAC organises awareness programs/workshops on the NAAC methodology for teachers, students and also for other colleges.

Institutional Values and Best Practices

The overall atmosphere of the college is safe and secure for females in all respects. The girls' students and the women staff get respect, equal rights and opportunities in the academic and administrative spheres. The college campus is under CCTV surveillance with 24 Hr. Security Guards, Fire Extinguishers, Girls' Common Room and a Counselling Room. Women Empowerment Cell and Anti-Sexual-Harassment Committee cater to the issues pertaining to women.

The Institution has facilities for alternate sources of energy and energy conservation measures like installation of 30 KV Solar Energy Unit, Solar Water Heater and Biogas Plant.

Water conservation facilities in the Institution include Rainwater Harvesting, Open-Well Recharge, Construction of Earthen Nala Bunds by NSS volunteers, efficient maintenance of water bodies and distribution system in the campus, etc.

The college has formed its Clean and Green Campus Policy Document to ensure proper management of degradable and non-degradable wastes like Solid Waste, E-Waste Liquid Waste, Hazardous Chemical Waste.

The college has a Green and Plastic Free campus and observes Green Thursday on which Petrol/Diesel vehicles are restricted in the college campus on Thursday.

The college conducts Quality Audits on the environment and energy regularly.

The college organises events on cultural, regional, linguistic, communal socio-economic issues for all its stakeholders. Similarly, the students of the college are sensitized towards the values, rights, duties and responsibilities of citizens by organising various events.

In order to inculcate values of patriotism, national integrity, social harmony and self-respect among the young students of the college, and also to make them aware of our rich cultural traditions, the college organizes and celebrates national and international commemorative days, events and festivals by forming various committees.

"Publication of IQAC Newsletter" and "Environmental Air Quality Monitoring of Amravati City and the Establishment of Continuous Ambient Air Quality Monitoring Station" are the two best practices of the college.

"Organisation of Incessant Activities for the Inculcation of Science and Scientific Temper Among the Students

Culminating in the Establishment of Science and Innovation Activity Center" is one of the prominent features of the college.

NAAC

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SHRI SHIVAJI SCIENCE COLLEGE
Address	Shivaji Nagar, Morshi Road, Amravati
City	Amravati
State	Maharashtra
Pin	444603
Website	www.shivajiscamt.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Gajanan Vijayrao Korpe	0721-2660855	9822643575	0721-2665485	korpegv@rediffmail.com
IQAC / CIQA coordinator	Waman Sampatrao Barde	0721-8275217293	9403054350	0721-7212665485	iqacshivajiscamt@gmail.com

Status of the Institution	
Institution Status	Private , Grant-in-aid and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	01-01-1969

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Maharashtra	Sant Gadge Baba Amravati University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	01-01-1985	View Document
12B of UGC	01-01-1985	View Document

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				

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	Yes
If yes, date of recognition?	28-02-2017
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	FIST Program By DST
Date of recognition	20-12-2016

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Shivaji Nagar, Morshi Road, Amravati	Urban	11.85	8728.97

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Botany	36	HSSC	English	140	140
UG	BSc,Chemistry	36	HSSC	English	280	265
UG	BVoc,Chemistry	36	HSSC	English	50	48
UG	BSc,Physics	36	HSSC	English	140	107
UG	BSc,Biotechnology	36	HSSC	English	40	36
UG	BCA,Computer Science	36	HSSC	English	144	139
UG	BSc,Computer Science	36	HSSC	English	60	60
UG	BSc,Computer Science	36	HSSC	English	60	48
UG	BSc,Environmental Science	36	HSSC	English	40	34
UG	BSc,Mathematics	36	HSSC	English	160	146
UG	BSc,Microbiology	36	HSSC	English	40	40
UG	BSc,Statistics	36	HSSC	English	60	60

UG	BSc,Zoology	36	HSSC	English	140	140
UG	BSc,Geology	36	HSSC	English	20	20
PG	MSc,Botany	24	BSc	English	28	28
PG	MSc,Botany	24	BSc	English	28	28
PG	MSc,Chemistry	24	BSc	English	28	28
PG	MSc,Physics	24	BSc	English	23	23
PG	MSc,Computer Science	24	BSc	English	33	33
PG	MSc,Environmental Science	24	BSc	English	28	28
PG	MSc,Zoology	24	BSC	English	23	23
Doctoral (Ph.D)	PhD or DPhil,Botany	24	PG in relevant Subject	English	10	9
Doctoral (Ph.D)	PhD or DPhil,Chemistry	24	PG in relevant Subjects	English	20	16
Doctoral (Ph.D)	PhD or DPhil,Physics	24	PG in relevant Subject	English	12	7
Doctoral (Ph.D)	PhD or DPhil,Environmental Science	24	PG in relevant Subject	English	5	3
Doctoral (Ph.D)	PhD or DPhil,Microbiology	24	PG in relevant Subject	English	10	1
Doctoral (Ph.D)	PhD or DPhil,Statistics	24	PG in relevant Subject	English	5	4
Doctoral (Ph.D)	PhD or DPhil,Zoology	24	PG in relevant Subject	English	20	12

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	19				16				54			
Recruited	15	4	0	19	12	4	0	16	11	20	0	31
Yet to Recruit	0				0				23			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				10			
Recruited	0	0	0	0	0	0	0	0	4	6	0	10
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				67
Recruited	38	5	0	43
Yet to Recruit				24
Sanctioned by the Management/Society or Other Authorized Bodies				9
Recruited	5	4	0	9
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				10
Recruited	5	3	0	8
Yet to Recruit				2
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

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	15	4	0	9	4	0	7	17	0	56
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	3	0	0	4	3	0	10
UG	0	0	0	0	0	0	0	0	0	0

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

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

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	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	630	0	0	0	630
	Female	1167	0	0	0	1167
	Others	0	0	0	0	0
PG	Male	61	0	0	0	61
	Female	289	0	0	0	289
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	34	0	0	0	34
	Female	18	0	0	0	18
	Others	0	0	0	0	0
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	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

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	33	27	33	47
	Female	64	68	64	48
	Others	0	0	0	0
ST	Male	8	4	9	11
	Female	17	10	14	14
	Others	0	0	0	0
OBC	Male	45	40	42	41
	Female	138	130	124	125
	Others	0	0	0	0
General	Male	95	93	80	108
	Female	382	333	325	339
	Others	0	0	0	0
Others	Male	30	32	34	25
	Female	51	59	73	49
	Others	0	0	0	0
Total		863	796	798	807

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>It is straightforward to form the cluster institutions under the aegis of parent education society opting different academic disciplines like science, arts, humanities, languages, law, education, physical education, health and vocational so that students can find endless possibilities of the subject combinations. The institute itself offers the major science courses (Physical, Chemical, Life, Mathematical, earth and Computer Sciences) and vocational courses (Forensic Science, Data Science and Computer Applications, biotechnology) for the UG and PG degree programmes. In view of the transformations envisioned in NEP, respective adaptations will be planned under the specially constituted committee.</p>
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	<p>The institution offers PhD programmes with adequate research facilities in major science subjects. The faculty and research students are encouraged to undertake interdisciplinary/multidisciplinary research projects. TO establish MoUs with HEI and research institutes offering some special courses, so that students can opt for these courses. To set up the Centres of Courses offered in most of the Indian and Foreign Universities.</p>
2. Academic bank of credits (ABC):	<p>The courses will be designed with imaginative and flexible curricular structures; this will offer multiple entries and exit points and create new possibilities for the life long learning. The affiliating university has already adopted a Choice Based Credit System for PG degree programs, which permits the student to choose among the number of elective and general courses. The institute has established MoUs with various educational and research institutes to undertake student and faculty exchange programs. The objectives of these MoUs may be extended for earning the credits from the courses offered by either party under MoU. The institute is registered as SWAYAM_NPTEL Local Chapter and the students are encouraged for enrolling on the courses from where the students may earn credits from renowned HEIs.</p>
3. Skill development:	<p>The affiliating university initiated the implementation of LOCF for the UG programme which is consistent with the objectives of NEP of fostering quality and outcome-based education. It includes the translation of academic research into innovations for practical use in society and the economy. Thereby increase in both public and private sector investment in higher education and increase in the rich and larger body of students through alternative learning modes such as open and distance learning modes and use of the MOOCs Measures are adopted to enhance the bench skills of the students such as the introduction of the Project work, Summer training programmes, internship and industrial training programmes, etc. Career-oriented programs/Skill courses like Astronomy and Astrophysics, Clinical Laboratory Technology, Cosmetology, Eco-tourism and wildlife photography, Gardening and Land Scalping are introduced as add-on courses at the UG level which have flexible entry and exit. To set up the centre for topmost Indian and Foreign Universities offering</p>

	<p>courses on top demanding skills. The Institute will focus on the courses that encompass Basic Skill building, Sector-Specific training Pre-Employment Training and Allied Activities. Institute is Planning for starting contemporary subjects such as Artificial Intelligence, Design Thinking, Data Analytics, Machine Learning, and Holistic Health at the undergraduate level which are touted as the career choices of tomorrow. The institute is registered for Spoken tutorial, an online initiative by IITs, here students can learn various free and Open Source Software all by themselves.</p>
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>Teachers are encouraged to create subject material in the regional language and to translate vocational courses and value-added online courses run by the institute into the regional language. Teachers are encouraged to write scientific articles in the local newspapers and deliver popular science lectures in the regional languages. The courses will be designed for the promotion and improvement of local skills in the local language.</p>
5. Focus on Outcome based education (OBE):	<p>The new model under NEP called STEAM-focused on experiential, application-based learning and research-based internship. As a part of holistic, all-encompassing education, students will be given internship opportunities with local industries, businesses and local communities as well as research internships to improve their employability. PhD students and faculty are encouraged to undertake high-quality outcome-based research so as to produce intellectual property (Patents and Copyrights). Students are encouraged to participate in various Tech-Fests, Science Fairs, Innovation, Competition, etc. for exploring the practical side of their learning and promoting innovation among students. The research internships with faculty and researchers at their own or other HEIs/research institution for undertaking product-based research and to further improve their employability and entrepreneurship.</p>
6. Distance education/online education:	<p>NEP emphasized distance education / online education expand the access to education and training for employed students; since its flexible scheduling reduce the effects of the time constraints imposed by personal responsibilities and commitment. The Institute has already started working on these aspects. The facility is created for imparting online education</p>

and teachers are encouraged to create online add-on and skill courses. Teachers are encouraged to develop e-content and online teaching material. To cope up with the advanced teaching skills and to understand current online teaching trends, teachers are encouraged to participate in advanced pedagogy training programs. The institute is registered as SWAYAM-NPTEL Local Chapter and the students are encouraged for enrolling on the SWAYAM-NPTEL courses from where the students can earn credits from renowned HEIs. The institute is Nodal Center Amrita University Virtual Lab. It is providing an opportunity for all the students of the institute to use virtual labs, free of cost under the Nodal Center Programme. It is to provide high-quality remote laboratory access in science discipline for students and teachers of the country through vlab.amrita.edu and is applicable to undergraduate and postgraduate students including Physical Sciences, Biological Sciences, Chemical Sciences, Computer Science and Electronics. The institute is registered for the spoken tutorial- an online initiative by IITs, where one can learn various Free and Open Source Software all by oneself. To set up the centres for universities offering distance education and online education on top demanding skills.

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
580	570	560	560	560
File Description		Document		
Institutional data prescribed format		View Document		

1.2

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
22	22	21	21	21

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2147	1999	2029	1982	1909
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
493	530	492	479	479

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
770	657	709	645	584

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
76	101	81	82	87

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
99	125	93	94	93

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 21

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
87.46	201	272.11	180.62	219.2

4.3

Number of Computers

Response: 297

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

Our college pays utmost attention to the holistic completion and execution of the prescribed curriculum and syllabus through the adoption of various measures.

Planning

The Timetable Committee of the college formulates the timetable of the Institution for every academic year which is distributed during the HOD meeting. The Heads of the Departments conduct meetings at the departmental level in which time table is communicated to the staff to implement it in a systematic way. At the end of the academic year, faculty meetings at the department level are convened to discuss and allot the unit-wise syllabi to teachers according to their interests and the teaching experience so that they get ample time for its preparation during the summer vacation. Academic Diary is the heart of our teaching-learning process and the single point of academic evaluation. Every teacher prepares a Micro-teaching plan and notes it down in the academic diary. During the pandemic situation, E-diary is also practised by some teachers. All the curricular, co-curricular, extension and outreach activities are systematically mentioned in the academic diary.

Execution & Monitoring

The college takes initiative to conduct the Induction Programme as per the UGC guidelines in the college for helping new students to get adjusted and feel comfortable in the new environment, inculcating values and cultures in them and making them realize burning environmental issues. During the Principal's address to students, the students are informed about the vision and mission of the college, curriculum delivery processes, evaluation mechanism, and various facilities available in the college. Students are also made aware of the POs, PSOs and COs. The first-year students are identified as slow learners and advanced learners by applying different parameters. The teachers carry out necessary activities to cater to the different needs of these learners. They use effective teaching methods like conventional Chalk and Blackboard method, ICT-enabled teaching-learning method, Use of Scientific models and charts for effective teaching-learning, Distribution of study materials, Group discussion among the students during the class. Proper and adequate instrumentation facility is provided to the students for their practical classes. There is also a Central Instrumentation Facility for the purpose. In addition, need-based survey programs, seminars, field works and educational excursions are coordinated by the departments. A departmental library is also made available to students. The College Central Library is fully automated with ILMS, LIBMAN. The library functions on open access for UG and PG and research students.

Evaluation

Evaluation of students' learning at its best enables teachers to identify learners' strengths and weaknesses. The Internal assessment is done through class tests, assignments and mid-term examinations. Detailed reports are prepared and the internal marks are assigned to the students accordingly. Internal marks are displayed on the departmental notice boards and the grievances regarding this if any are sorted out in time. Latest E-tools like "Testmoz" and "Proprofs" are used for online assessment of students. The term-end examinations are conducted as per the university guidelines from time to time.

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

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

Being an affiliated college, all the departments of the college adhere to the academic calendar of the university. Taking into consideration the schedule of the examinations and vacations mentioned in the calendar of the university, this college publishes its own academic calendar every year. The college academic calendar includes the schedules of internal assessment examinations. At the end of the session, the departments prepare and submit their academic calendars for the next session to IQAC that include academic and extension activities to be carried out for the next academic session. Each department adheres to the academic calendar for the conduct of CIE. The smooth conduct of the programs scheduled by each department is ensured by the IQAC.

The internal assessment is transparent and robust in terms of frequency and variety. At the beginning of each semester, faculty members inform the students about the various components of the assessment process. The schedules of internal assessments are communicated to the students at the beginning of the semester through the college academic calendar. The evaluation process is also communicated to the students through their classes, notice boards, class mentors and the Principal's address.

As a part of CIE, the college conducts midterm examinations. For other classes, teachers conduct online/offline unit wise tests, group discussions, seminars, projects and fieldwork. After completion of the midterm examination, the teachers evaluate the answer scripts and distribute it to the students for their perusal and to make them decide whether to go for grievances if any. After students' satisfaction, the marks are displayed on the notice board. After evaluation of the tests, home assignments and projects, the results are made available to the students and are kept in the department safe till the completion of his/her course.

Students Seminars are conducted at the UG and PG level. Students are asked to deliver seminars in classrooms on the assigned topics related to the subject. The Students are also assigned different topics relevant to the curriculum for group discussions, which are organized by respective subject teachers for the evaluation of the students. Projects are assigned to UG and PG students. Teachers evaluate the projects on

the basis of the fieldwork completed by the students. The objectives like enhancing students' critical thinking, analytical skill, and collaborative learning skills are fulfilled through the completion of the project works.

At the end of the session, IQAC conducts an Academic Audit of the department. In order to identify the advanced and slow learners and to improve the teaching methods accordingly, the teachers are required to go on evaluating the learning achievements of the learners continuously.

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

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 31.82

1.2.1.1 Number of Programmes in which CBCS / Elective course system implemented.

Response: 07

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 62

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2020-21	2019-20	2018-19	2017-18	2016-17
19	26	10	04	03

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document
Link for Additional information	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 62.23

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
3029	2705	437	138	119

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

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

Response:

Being an affiliated College the Institution functions within the curricular parameters set by Sant Gadge Baba Amravati University Amravati. However, this constraint has not hampered the dissemination of gender sensitivity/equality, environment and sustainability, human values and professional ethics. Besides the courses directly dealing with such issues, while designing activities like projects, research titles students are encouraged to choose topics relevant to cross cutting issues.

Environment and Sustainability and Gender equality: The department has initiated on-campus activities to ensure environment-friendliness and organizes special programmes on occasions such as Environment Day, World Earth Day, Ozone Day, Wild life week and Environmental Health Day to sensitize students and the local community about degradation of environment. All B.Sc. II, BCA and BVOC students learned Environmental studies subject as integral part of their curriculum. Students learn & understand Environmental suitability aspects. It is an interdisciplinary topic, also included in syllabus of life sciences. Gender issues are addressed through some lessons and poems from language department. On the eve of “Women’s Day” the women empowerment cell organizes the program every year with different topics related to Gender equality, Empowerment of women and Rights of women. College NSS unit has performed street play on the topic of “Gender Equality”. For the certificate course in COSMOTOLOGY male students are also admitted and actively participated in all the activities.

Human Values and Professional Ethics: Most of the literature prescribed for the course aims at refining the human senses and broaden the students’ overall attitude towards life instilling among them Human Values like love, courage, honesty, truthfulness, sincerity, compassion, etc On the Birth Anniversaries of great people like Mahatma Gandhi, Dr. Babasaheb Ambedkar, Dr. Punjabrao Deshmukh, Swami Vivekanand, A.P.J. Abdul Kalam, Savitribai Phule; the students are motivated to deliver speeches to propagate the phenomenal work done by these great personalities and also their thoughts and philosophy of life. The library and language department also conducts Essay Competitions on Bhagvatgita, Gandhian Thoughts, Swami Vivekanand’s Philosophical Thoughts every year. The various days like Marathi Bhasha Diwas, Vachan Prerna Diwas, Savidhan Din and Women’s Day are also celebrated. Most of the articles and poems composed by the students were displayed on the Wall Magazine to cater the promotion of human values and gender equality. Programmes like Computer Science, Computer Software, BCA and Forensic Sciences refer strongly to professional ethics. Professional ethics are also integral part of postgraduate curriculum in science programmes. In choice-based system departments choose electives related to these issues as a practice. The curricular and co-curricular activities of the College are skilfully integrated with professional ethics. The curriculum of the some UG program and self-financing courses has with significant component of professional ethics. The faculty members incorporate concepts related to

ethical practice during their regular classes. Workshop on Research methodology and Intellectual property rights for B.Sc. Final year and PG students.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 5.03

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
17	32	31	31	31

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document

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

Response: 74.06

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

Response: 1590

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2) Teachers 3) Employers 4) Alumni

Response: B. Any 3 of the above

File Description	Document
Any additional information (Upload)	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1. Feedback collected, analysed and action taken and feedback available on website
2. Feedback collected, analysed and action has been taken
3. Feedback collected and analysed
4. Feedback collected
5. Feedback not collected

Response: C. Feedback collected and analysed

File Description	Document
Upload any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 94.51

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

2020-21	2019-20	2018-19	2017-18	2016-17
751	806	757	768	769

2.1.1.2 Number of sanctioned seats year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
793	875	811	787	811

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 75.31

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

2020-21	2019-20	2018-19	2017-18	2016-17
346	392	370	393	360

File Description

Document

Average percentage of seats filled against seats reserved

[View Document](#)

Any additional information

[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The institution assesses the learning levels of students admitted to first year of all the UG and PG programmes. The process of identification of slow and advanced learners is conducted by the respective teachers at the departmental level. In the process of identification of slow & advanced learners, the key inputs used are- marks obtained by students in the preceding examination, performance of students in online/offline class-tests.

For conducting the online assessment, college has purchased a licensed software-“Testmoz” and “Proprofs”. Generally, the students scoring below 40% of marks are considered as slow learners and those scoring above 85 % of marks are considered as advanced learners.

After the identification of slow and advanced learners, the teachers plan the activities to cater to the students’ academic needs.

To fulfil the quest for knowledge of the advanced learners, departments organise various informal student-centric activities like Seminars/Quizzes/Projects competitions at the local/university/state/national levels, Case-study activities, Surveys, Field Visits, Photo Competitions, Geological Survey Trainings, Science Exhibitions, debates, individual and group presentations/ discussions, intra-college poster competitions etc. They are also encouraged to participate in similar competitions organised by other institutions. Especially, PG students are encouraged and guided to present research papers in various Seminars/Conferences/Workshops etc. They are also motivated to publish research articles/papers in journals.

Students are also guided and supported to prepare themselves for national-level competitive examinations, such as IIT-JAM, JNU, GATE, NCL, and NET/SET. Many students have completed short term workshops conducted by the institutions of national repute; such as Homi Bhabha Centre for Science Education, Mumbai, IIT Kanpur, IIT Hyderabad, NIT Nagpur etc.

The college also organizes summer courses and hands-on trainings for fabrication & design of experimental kits/setup and handling of sophisticated instruments for the students. In some departments, use of computers in the analysis of experimental observations is made mandatory for the advanced learners.

Students are also motivated and guided to participate in the state-level research festival “AVISHKAR”. Career Counselling Cell of the college guides the students to appear for various competitive examinations.

Our institute is recognised as a local chapter of SWAYAM’s NPTEL online courses and Nodal Centre of Virtual Lab by Amrita University. The advanced learners are encouraged to enrol for the NPTEL online courses. During the COVID Pandemic, students have completed their laboratory assignments through the Virtual Lab of Amrita university. They are also encouraged to participate in online academic and research activities.

Similarly, to support slow learners departments organise remedial courses and bridge courses for the theory & practicals. Teachers provide lecture notes and question banks in printed or soft forms to the students. Students avail the facility of departmental library and e-books are also made available by the departments.

Bilingual approach in teaching adopted by the teachers is found helpful for the slow learners to understand the subject. Mentoring through guardian teacher scheme helps teachers to know the needs & difficulties during the learning of their mentee.

File Description	Document
Upload any additional information	View Document

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 28:1

File Description	Document
Any additional information	View Document

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

Response:

To cater to the learning needs of the students who are more diverse in their learning abilities, level of comprehension, previous knowledge and the subject interest, teachers adopt the student-centric methods, such as experiential learning, participative learning and problem solving sessions.

The experiential learning includes learning through experiments based on the concepts in theory, on-site experiences and active participation in curricular and co-curricular activities. Thus, the experiential learning is the more effective way of experiential learning. In this context, apart from the regular laboratory course-work, the departments organise various hands-on experimental activities like- competitions on experiment demonstration, hands-on training of handling of sophisticated instruments, students' workshops and summer courses on experimental techniques. Other modes of experiential learning used are field project work, field visits, on-site surveys, visits to industry & research centre and interaction with subject peers. Some departments have implemented research-based pedagogical tools (RBPT) for the effective teaching & learning process.

Similarly, participatory learning methods encourage the students to think themselves, to share information,

learn from each-other and work together on a common problem.

In this context the activities undertaken by the departments to promote participatory learning are group-discussions, group-projects and group-assignments.

To cite an example, the unique group activity by students is to prepare a video presentation on an experiment in Physics. Small groups of 5-6 students work together to prepare the video presentations on laboratory experiments. In this way, the knowledge-sharing is also encouraged and inculcated among the students. It is found that, a discussion on a topic during the class room lectures somehow helps create activeness in passive students.

Problem-solving is the compulsory part of the curricula of Physics, Chemistry, Mathematics and Statistics. There is a provision of tutorial lectures especially for problem solving. Research Festival (Avishkar) is another platform for UG and PG students to prove their problem-solving abilities by presenting and demonstrating the research-based creative ideas. As a part of the third and the fourth semester curricula, the projects are compulsory for PG students. Students are advised to identify and select the problem for their projects. After the review of literature, a student has to prepare his/her project plan and get it approved from the supervisor. Similarly, for the second year and the third year B.Sc. students project assignment is one of the components for internal assessment.

During the COVID-19 pandemic, teaching activities were conducted in an online mode. As a result of the nation-wide and state-wide lockdown, field visits, study tours and group activities like group discussions were not possible. However, our departments organized various on-line activities for students that include on-line seminar competitions, on-line competitions on experiment demonstration by using the platforms of nationwide virtual laboratories, quizzes etc.

File Description	Document
Upload any additional information	View Document

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

The institution promotes the use of ICT in teaching-learning process for ICT has become a key driver to enhance the learning skills and enrich knowledge in all areas of studies. So, in this context the institution has established its own infrastructure and provided facilities required for the implementation of ICT in teaching and learning.

Every department of the institution is provided with computers, soft-wares, LCDs, interactive boards and internet facility. Wi-Fi facility is also made available on the campus. Almost all laboratories are equipped with LCDs and internet facilities so that the students could get access to the nationwide virtual laboratories. 13 ICT enabled class rooms and 06 smart class rooms are also available to make teaching –learning more effective.

Apart from this, SWAYAM's NPTEL local chapter has been activated in the institute. Students and teachers of our institute are benefitted by these online MOOCS courses. Our students and teachers have enrolled for 127 different courses till date. Our Teachers who enroll for these courses, act as the local mentors for the respective courses and guide the students to understand the course contents more effectively. The teachers also encourage the students to join the NPTEL platform so as to update their knowledge and get acquainted with the latest trends in science, technology and humanities.

The institute has a recognised Virtual Lab Nodal Centre Program of Amrita University through which students can enhance their knowledge and skills through virtual experimentation. In the period of COVID-19 pandemic, our students had a privilege to perform the virtual experiments via "Virtual Lab Nodal Centre" of the institute.

The students of the institution are also informed about the ICT initiatives by MHRD, Govt. of India from time to time that include SWAYAM Prabha, National Digital Library, E-PG Pathshala, Shodhganga and Shod Sindhu. The students and teachers have an easy access to INFLIBNET in the library to quench their thirst for knowledge and pursue their curiosity.

In addition to this, our teachers have developed e-contents for the allotted curriculum. These e-contents comprising Video Lectures, Power Point Presentations, lecture-notes, assignments and question banks are made available for students on the department pages of the college website. As a result, the students have a very easy access to this required study material.

The teachers of the institution use Google Classroom app and an open-source software like "Chalk Plan Board" for the effective curriculum delivery and management of their academic activities. The e-books and e-contents are made available for students on college website.

With these advanced initiatives, the college could easily and effectively manage the on-line curriculum delivery, the on-line examinations, and the on-line assessment during the unexpected and terrifying COVID-19 pandemic. Apart from the regular curriculum delivery, our college departments have launched 29 Online certificate courses in different subjects through which, about 4868 Students have been benefitted.

Making a competent use of ICT, the various departments of the college have organised interesting online academic activities for the students which include quizzes, seminar competitions, elocution and debate competitions, essay competitions, etc.

File Description	Document
Upload any additional information	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 32:1

2.3.3.1 Number of mentors

Response: 68	
File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years	
Response: 85.09	
File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with 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: 68.16				
2.4.2.1 Number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years				
2020-21	2019-20	2018-19	2017-18	2016-17
66	61	56	53	52

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)**Response:** 18.47**2.4.3.1 Total experience of full-time teachers**

Response: 1404

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms**2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode****Response:**

Assessment of students' performance is an integral part of the teaching-learning process and it is regularly implemented by the concerning teachers of the college.

As an affiliated college, the internal assessment norms laid down by the Sant Gadge Baba Amravati University, Amravati are strictly followed by all the departments. In line with these norms the college has evolved a standard procedure for internal assessment which includes continuous evaluation at the department level by the teachers and the mid-term assessment of the students by the constituted Internal Assessment Committee at the college level. The main components of the continuous internal evaluation of students done by the respective teachers are class-test, project assignments, seminars, study-tours, industrial visits, visits to educational institutions and research organizations, field work, group discussions or any other innovative practice/activity decided by the department. Similarly, students' performance in laboratory practicals is assessed on the same day the students perform their experiments in the laboratory. Some of the departments conduct online quizzes to assess students' performance.

As a part of summative evaluation of the students, the College Examination Committee plans and conducts the mid-term examination for all the courses. Pre-stated Course Outcomes (COs) of the course are taken in to consideration while setting the question papers for the examinations. Question bank of each subject is also made available to the students.

The marking scheme of internal assessment stated by the affiliated university is adopted to assign the marks to the students. Students submit the records of internal assessment like answer books, assignment

books, project reports etc. in the booklets specified by the college which are kept in the custody of the Head of Department for a period of three years for UG and two years for PG.

First-year students are informed about this entire procedure of internal assessment well in advance at the beginning of each academic session during a Principal's Address. During this address, the entire mechanism of internal assessment is explained to the students.

Apart from this, schedules of assignments, class tests, quizzes, project allotment and submission are informed through the academic calendar of the college which is included in the college prospectus and uploaded on the college website. Also, during the meetings of the guardian teachers with their mentee, the students are made aware about this assessment mechanism in detail.

To ensure transparency in the assessment process, internal assessment marks are displayed on the notice boards by the departments three weeks before the commencement of the university examinations. In case of any grievances or queries about internal assessment marks, the students can apply for a grievance redressal to the concerning department. The departments conduct re-examinations for the students who are involved in co-curricular or extra-curricular activities or sports events during the internal assessment schedules.

File Description	Document
Any additional information	View Document

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

Internal assessment of the students' learning performance in the college is done through class-tests, home-assignments, seminars, presentations, group-discussions, online/ offline quizzes, project-assignments and mid-term examinations conducted by the College Internal Assessment Committee.

The respective subject-teachers evaluate the assignments, class-tests answer-books, mid-term examination answer-books and project reports and then display the internal assessment marks allotted to the students on the departmental notice boards. In case of any grievances regarding internal assessment marks, the students can submit the written application regarding the grievance to the concerned heads of the departments. The heads of the departments resolve the grievance of the students after a meticulous verification of the documents. If the student is not satisfied with the decision of the head of the department he/she may approach the Principal with the grievances. The Principal, after due verification of the entire records of the internal assessment submitted by the student to the department, resolves the grievance.

As per the directives of the university, the internal assessment marks of the students are displayed three weeks before the commencement of the university examinations, so that the students get ample time to get the grievances resolved. As a result, all the grievances regarding the internal assessment marks are resolved within time.

As far as the grievances related to the external examinations (*means examinations conducted by the university*) are concerned, there is a separate mechanism of grievance redressal laid down by the university. The related directions of the S.G.B. Amravati University, Amravati are attached in the supporting document.

File Description	Document
Any additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

Outcome-based education has now become the standard for quality education in higher education institutions. The college clearly pre-states the well-defined Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) for every programme. Similarly, there are pre-stated COs for all the courses of all the programmes offered by the college.

POs are the statements which describe what knowledge, qualities and skills the students are expected to acquire after the completion of the programme. POs stated by our college are in line with the Vision & Mission of the college. Pre-stated POs are defined in such a way that after the attainment of POs, the graduated students get equipped with the knowledge and skills like- Scientific Knowledge and Experimental Skills, Communication skills, Critical Thinking & Problem-Solving Ability, Team Spirit, Leadership Qualities, Patience and Persistence, Project Management, Digital Proficiency to use Modern Digital Tools , Environmental and Societal Consciousness, Ethics and Human values and an urge for Lifelong Learning .

PSOs in the college are defined by the respective departments as PSOs describe the specific subject knowledge and skills the students are expected to acquire after the completion of the respective programme. COs are the theoretical and experimental skills the students are expected to acquire after the completion of the each course of the programme. COs for the courses run by the college are defined by the faculty of the respective department. As faculty members are involved in framing the COs, they are well aware of the pre-stated COs.

Pre-stated COs, for all the courses and PSOs for all the programmes run by the departments, are communicated to students through the departmental notice boards and the college website. COs for the curricula of the given programmes are stated in such a way that they should co-relate with the PSOs and ultimately the expected POs of the said programme.

POs, PSOs and COs are also communicated to students through the Principal's Address to the first year students held every year in the beginning of the academic session. Also, the guardian teachers (mentors), in their regular meetings and interactions with their mentees, make them aware about the COs.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

Evaluation of the Attainment Of The COs:

Overall attainment of the COs is evaluated by the respective department of the college. The method of evaluation of the COs is as follows.

Overall attainment of the COs is measured directly in terms of performance of the students in the semester-end examinations conducted by the university. After the declaration of the university examination results, every department of the college prepares reports of the programme-wise and course-wise result analysis. As per the pre-defined benchmarks, the respective departments evaluate the overall attainment level of all the COs for each course.

To cite an example, if, for a given course, 50% of the enrolled students score \geq 50 % marks in the final examination; then the overall attainment level of the COs is said to be LEVEL-1 (lowest level).

if, for a given course, 60% of the enrolled students score \geq 50 % marks in the final examination, then the overall attainment level of the COs is said to be LEVEL-2

if, for a given course, 70% of the enrolled students score \geq 50 % marks in the final examination; then the overall attainment level of the COs is said to be LEVEL-3 (highest level).

Evaluation of the Attainment of the PSOs:

Overall attainment of PSOs of a given programme is evaluated on the basis of the attainment of the respective PSOs at the departmental level. The departments evaluate the attainment of the PSOs on the

basis of “Level of Attainment” of all the corresponding COs and the overall performance of the students in the class-tests, seminars, quizzes, home-assignments, project assignments, mid-term examinations and the students’ feedback on teaching, learning & evaluation.

Evaluation of the Attainment of the POs:

The POs are the qualities that a graduates must have acquired at the time of completion of their programmes. Thus, at the end of each program, evaluation of attainment of the POs is done on the basis of the attainments of the COs and PSOs of all subjects. Other key parameters considered for evaluation of attainment of POs are percentage of students due for degree, percentage of merits in the university merit list, other achievements of the students and students' feedback.

Quantitative reports on overall attainment of the COs and PSOs of all the programmes are collected by the IQAC so as to prepare attainment reports of the corresponding POs.

Result analysis of the semester-end university examinations is discussed in the Council of Heads, Staff Council and the College Development Committee meetings. As per suggestions received in these meetings, the IQAC initiates required action for the further improvements in this regard.

File Description	Document
Upload any additional information	View Document

2.6.3 Average pass percentage of Students during last five years

Response: 85.63

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

2020-21	2019-20	2018-19	2017-18	2016-17
752	647	549	478	469

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

2020-21	2019-20	2018-19	2017-18	2016-17
766	662	707	641	586

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Upload any additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response: 3.5	
File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document
Upload any additional information	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

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

Response: 40505650

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)

2020-21	2019-20	2018-19	2017-18	2016-17
0	711000	1999500	29483850	8311300

File Description

Document

List of endowments / projects with details of grants

[View Document](#)

e-copies of the grant award letters for sponsored research projects / endowments

[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 44.74

3.1.2.1 Number of teachers recognized as research guides

Response: 34

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 20

3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
02	02	01	04	02

3.1.3.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
11	11	11	11	11

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Paste link to funding agency website	View Document

3.2 Innovation Ecosystem

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

Response:

The college is committed to fulfill the societal needs of the rural and the deprived population of the region. The college administration has been trying to fulfil the vision of the founder President Dr. Panjabrao Deshmukh that quotes "for the comprehension of scientific facts for the greatest good of the country, we shall bridge the wide gap that exists between the laboratories and the fields."

Overall, the institutional ecosystem helps nurture innovative and creative research-oriented minds to develop their skills. To resolve local problems, advanced research facilities with a candid research ambience have been established. A dedicated **Central Instrumentation Cell** with sophisticated equipment is established for research activities for in-house and other students. This encouraging environment has unleashed a significant number of standard research publications in reputed journals.

An effective ecosystem cultivates innovative ideas of the students. Various initiatives under the **Career Counselling Cell** and **Entrepreneurship Development Cell** have been executed in association with the specialized agencies and experts to foster innovative thinking with the prospects to culminate into startups.

To execute the projects related to research, pedagogy development, entrepreneurship development, inspire camps, etc., **substantial financial support** was harvested from various funding agencies. Inventive research upshots from the students were encouraged and supported through organizing district-level "**Avishkar**" **Science Festivals**. Such activities could achieve momentous incentives for the students at

State and National levels. In addition, the faculty members have attempted and succeeded in registering patents resulting from the research works addressing regional problems.

As an off-shoot wing of this institute, the college has established a “**Science Innovation and Activity Centre**” in the year 2018 -2019 which is funded by Rajiv Gandhi Science and Technology Commission. This centre helps inculcate science awareness and interest among the students of this region. In addition to this, an “**Innovation Cell**” is also established by the college which is foreseen and anticipated in the national scheme launched by the Central Government under the Ministry of Education. Special Scholarships for the promotion of students’ creativity and research projects are also provided. As a result of this initiative, fruitful interactions between students and faculty members have been boosted.

For a versatile ecosystem for innovations, the college has made **Collaborations and Memoranda of Understanding** with the foresight of creating a social impact via organizing a variety of Extension and Outreach Activities related to Local Environmental Issues, Problems related to Agriculture, Pollution, Environment Management, etc. thereby fulfilling the objective of bringing knowledge from Lab to Land.

A collaborative learning platform has been designed by the college to involve faculties and students from other institutions. Innovative Pedagogy Development Centre for Life sciences has been instituted and the Virtual Classroom successfully completed one academic session in the year 2019 – 2020 to cope up with the pandemic situation. Many CoPs, Offline / Online Add-on and Value-Added Courses like - Global Competency Training Programme, Nanomaterials Synthesis and Characterization Techniques, Instrumental Techniques and their practical applications for PG and Research students, etc. have created a conducive environment for innovative research.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 33

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

2020-21	2019-20	2018-19	2017-18	2016-17
16	05	05	04	03

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years	
Response: 2.79	
3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years	
Response: 95	
3.3.1.2 Number of teachers recognized as guides during the last five years	
Response: 34	
File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document
URL to the research page on HEI website	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years											
Response: 0.91											
3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.											
<table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>38</td> <td>11</td> <td>6</td> <td>10</td> <td>13</td> </tr> </tbody> </table>		2020-21	2019-20	2018-19	2017-18	2016-17	38	11	6	10	13
2020-21	2019-20	2018-19	2017-18	2016-17							
38	11	6	10	13							
File Description	Document										
List of research papers by title, author, department, name and year of publication	View Document										

3.3.3 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:** 2.2**3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
100	22	20	28	18

File Description	Document
List books and chapters edited volumes/ books published	View Document
Any additional information	View Document

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

The college has implemented a meticulously-devised plan to develop a strong Emotional Quotient for the students through organizing interactive activities to understand societal challenges and difficulties. The prime college organizations enriching the students with this genuine experience are NCC and NSS which can ultimately transform them into the leaders of tomorrow. Various activities organized by these units have empowered our students to effectively tackle emergency situations and natural disasters and have developed a sense of social and civic responsibility among them. This sense of responsibility and the imbibed core values of life have made them self-reliant and eventually made them represent the college and the university at State and National levels. Their participation in the residential camps establishes their healthy rapport with the community. The energy of youth has been properly channelized and the students voluntarily and actively got involved in the activities like blood donation, health and hygiene awareness, environment conservation, Eco-friendly Ganesha, Clay-Idol campaign, Wall of Humanity, Cleanliness Drives. etc. Such reared students excelled in the cultural activities too and pure science faculty students reached the national level.

Biodiversity consciousness perceiving activities like Tree plantation, “Vrukshotsav” to donate trees, cultivation and preservation of medicinal plants, protecting plants using traditional values by celebrating eco-friendly Raksha Bandhan, Slogan Competition on environmental issues has enhanced the creativity of the students. The students are sensitised regarding the environmental issues through the celebration of World Environment Day, Ozone Day and Wild Life Week, etc.

Activities like Cleanliness in and around the campus, minimization and proper disposal of waste,

maintenance of Green campus have instilled a feeling of belongingness amongst students. Students have realised the importance of three R's i.e. Reduce, Reuse and Recycle through the activities like vermicomposting of the holy materials, Paper-Bags Making Workshops, Plastic Eradication Drive, etc.

The students' all-around development is achieved through workshops on Health and hygiene. Especially, girl students are groomed with some beauty tips; at the same time, they are made alert about major causes of breast cancer, adolescence issues, right decision at right time to get married and conceive with all precautions, health awareness the whole year and particularly on the World AIDS Day. The sensitization and empowerment of girl students, creating awareness about their strengths and right to say no to any embarrassing or enforced situation are some of the activities to mention. For the holistic development of students the skills like Mushroom cultivation, Vermi-composting, Computational Skills, Yoga and Meditation, Naturalist, Communication, life skills etc are also taught to the students.

The students contribute to the social cause and have visited several schools to introduce the minuscule world of organisms through a unique tool - "Foldscope" by explaining its working and contributing to raise scientific attitude among the school children.

The biggest achievement in the overall development and progress of students is seen when they expressed themselves through the Candle March against Pulwama Attack, emphasized their progressive views regarding Beti Bachao Abhiyan and demonstrated their patriotic fervour through the Kargil Day celebration.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 8

3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
1	4	2	1	0

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 131

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

2020-21	2019-20	2018-19	2017-18	2016-17
43	29	18	24	17

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 92.01

3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
3395	1477	2448	1067	1022

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 40

3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
12	18	08	1	1

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 23

3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
6	3	3	2	9

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

This college, originally established in June-1958 as Shri Shivaji Arts and Commerce College, Amravati introduced the science faculty in 1969 and then got separated as the Single-faculty Science College on 01-01-1969. Since then, it has developed adequate physical infrastructure on an area of 11.85 acres (49754.08 sq.mt. or 534856.35 sq.ft.) to run the various academic programmes efficiently. With a total built-up area of 8728.97 sq. mt. (93836.42 sq. ft.), the college is equipped with state-of-the-art infrastructure having modern amenities and the latest equipments to facilitate effective teaching and learning. It comprises Classrooms, laboratories, technology-enabled learning spaces, A.V. Theatre, library, playgrounds, Gymkhana, auditoriums, seminar halls, etc,

Classroom Facilities:

The college has 03 ICT-enabled Seminar halls (Total 5997.41 Sq. Ft.) equipped with LCD projectors with internet facility /Smart-boards and CCTV cameras, 19 spacious and well-ventilated ICT-enabled classrooms (Total 1608.64 Sq. Ft.) equipped with LCD projectors, internet facility/Wi-Fi/LAN facilities, 06 Interactive Boards / Smart Boards and CCTV cameras.

Laboratory Facilities:

The college has 38 laboratories (Total 25555.38 Sq.Ft.) for UG, PG and research with sophisticated equipments, Advanced Nano-science Lab in the Department of Chemistry (Total 536.64 Sq. Ft.) a Central Instrumentation Cell (CIC) (Total 484.00 Sq.Ft.)

Computer Facilities:

The college has 03 computer labs for UG & PG computer science students, a language laboratory in the existing computer science laboratory, Network Resource Centre (NRC): (Total 237.26 Sq. Ft.) and possesses 281 computers in all, 16 Laptops, 82 printers, 41 Licensed Softwares, 08 Interactive Boards / Smart Boards, 04 LED TVs, 25 LCDs, 21 Scanners, 06 Xerox machines, 07 servers for the smooth functioning of the office administration, academic purposes and a LIBMAN library software in the library. The Computer centre is enabled with internet connectivity for non-computer students: (Total 285.52 Sq. Ft.)

Cultural activities: The college is equipped with a Main Auditorium: (for multipurpose use): 357.86 Sq.Mt. (3851.49 Sq.Ft., Seating Capacity - 400), Sir C. V. Raman Hall, well-equipped smart auditorium (for multipurpose use- 1614.70 Sq. Ft., Seating Capacity - 250), one A.V. Theatre of 531.22 Sq.Ft. with a Seating Capacity of 93, an Open Stage Arena (for multipurpose use) of 780.00 Sq.Mt. with a Seating Capacity of 800

Games and Sports

The college has ample Games and Sports facilities with a Basketball Court with electrification floodlights, (436.24 Sq. Mt.), a Lawn-Tennis Court, (195.63 Sq. Mt.)

Library

The library is spacious and well-equipped with an area of 3563.24 Sq. Ft.

Hostels

The college has a Three Storey Girls' Hostel with a total built-up area of 1262.78 Sq. M. and Boys' Hostel in the campus of the parent society that can accommodate our male students.

Other Facilities

Other Facilities include an open-air canteen (Total 3235 Sq. Ft.), Medico Botanical Park (Total 24948 Sq. Ft.), Green-Net-House (Total 616 Sq. Ft.), Poly house (Total 616 Sq. Ft.), Vermi-composting Unit (Total 70 Sq. Ft.), Solar Power Plant of 31 KW in First Phase, Honda Power Generator (11 KV) , Students Co-operative Store, vehicle stands, etc.

The infrastructure is used optimally from 7.00 a.m. to 6.30 p.m.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

The college has developed adequate sports, games, and cultural activities during the last five years (2016-21) and has spent 28.35 lakhs on them.

Sports

Many sports, games facilities are developed on an area of 5 acres behind the library building. The facilities for cultural activities with the audio-visual system. The sports, games infrastructure is used optimally from 7.00 am to 6.30 p.m.

The Sports grounds and the facilities are provided for Indoor Games like- Table Tennis, Badminton, Chess, Yoga, Judo and Outdoor Games like- Basketball with floodlights, Softball, Baseball, Cricket, Lawn tennis, Ballbadminton, Kabaddi, Kho-Kho, Handball, Volleyball, Archery, Sepak Takraw, Gymnasium, Boxing, Swimming tank (made available from the parent society at subsidized charges)

The college has ample Games and Sports facilities with a Basketball Court with electrification floodlights, (436.24 Sq. Mt. AREA), a Lawn-Tennis Court, (195.63 Sq. Mt. AREA)

All the sports grounds in the college are made available to all the students as well as the staff and other players. These sports grounds in the college are made available for various competitions as per the requirement.

State-level, national level, invited sports competitions are organized on the college playgrounds. Achieve success in competitions. All sports grounds in the college are designed to be equipped with various sports rules charges. College playgrounds are made available through the training system of sports. In addition, college students regularly use the swimming pool provided by our parent management, Shri Shivaji Education Society, and practice swimming.

The college has MoU with Hanuman Vyayam Prasarak Mandal Amravati, Shri Shivaji Physical Education College Amravati, G.V.I.S.H Department of Physical Education Amravati, and District Sports office Amravati where our students can access the facilities along with coaching.

The college also has a gymnasium equipped with the latest facilities for the students.

Gymkhana with well-equipped facilities: 65.59 Sq.Mt. (706.03 Sq.Ft.)

Cultural activities:

For organizing various cultural events, the college is equipped with a Main Auditorium: (for multipurpose use):357.86 Sq.Mt. (3851.49 Sq.Ft., Seating Capacity - 500), Sir C. V. Raman Hall (Air Conditioned), well-equipped smart auditorium (for multipurpose use- 1614.70 Sq. Ft., Seating Capacity - 250), one A.V. Theatre of 531.22 Sq.Ft. with a Seating Capacity of 100, an Open Stage Arena (for multipurpose use) of 780.00 Sq.Mt. with a Seating Capacity of 1200, NSS office in the Department of Botany, NCC office having an area 215.47 Sq. Ft.

The multipurpose halls have proved to be very useful for various extracurricular activities such as Parents' meetings, Alumni meetings, Seminars, Conferences, Workshops, Guest Lectures, Welcome functions for students, Sadichha Samarambh (Farewell Function) etc. In addition, the Cultural committee uses the stage for various other activities like felicitation of students and annual functions like the cultural competitions and celebrating Convocation day, etc.

Recreational facilities:

The Recreation Hall is attached to the Girls' Hostel. Judo, Yoga centre, swimming pool, and such facilities are provided by our parent society. Girls' Common Room with an attached washroom (577.39 Sq. Ft.) with a Seating capacity = 40 is also established.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 95.24

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 20

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 53.82

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
37.50	109.64	174.49	119.94	90.18

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

The Library is fully automated since 2002 with the SOUL 2.0 software and updated with LIBMAN ILMS software since 2019. Training for handling the same was organized during 09 -12 April 2019.

The library has started printed accession register from the session 2020-2021. Maximum 03 books are issued at a time to the UG students. Research scholars and PG students can be issued a maximum of 04 books at a time. This access to books is for 15 days and the students can renew it only once if required. The books are classified according to Dewey Decimal Classification Scheme (DDC 22nd edition).

To ensure the smooth working of Library functions, a library committee is formed under the chairmanship of the Principal, Librarian as a member secretary, and heads or coordinators of the PG departments as members. Every year, three meetings are planned to review the budget utilization of the last year, budget allotment for the current year, and the smooth and effective conduct of jobs relating to library and administration.

A refined and transparent book selection policy adds to the collection of the library. The college being a single faculty college having a science stream, preference is given to the books and magazines related to science subjects. Books of other subjects like biographies, autobiographies, novels, etc. are also purchased. Books recommended by the staff and students are purchased on a priority basis.

The institution has made provision of a DELNET / INFLIBNET facility. The library is fully computerized with the application of bar-code technology. The students have access through OPAC (Online Public Access Catalogue) and an E-portal is developed for providing User Education and Information Literacy. The Library has built the Institutional Repository using Greenstone Open-Source Digital Library. The college has its own website <https://www.shivajiscamt.org/pages/library.php>

Bar-coded Borrowers' Tickets and Books

Books are processed with bar-coded spine labels and bar-coded Borrowers' Tickets are issued to the students. Library services like reference service, book issue/return, reprographic services, OPAC, reading room facility, periodical section, a separate section for the physically challenged, etc. are rendered to the users. To deal with the user needs, the library undergoes stock verification after every five years

Students Alumni show their involvement and responsibility towards the library by donating books. In addition, books of Rs. 5127/- are donated by our students in the year 2019-20.

The library celebrates VachanPrerana Din in the memory of Late Dr. A.P.J. Abdul Kalam on 15 October every year to facilitate reading habits, especially among the students. On this occasion, activities like Authors' Talk, visiting a nearby library, a compilation of information are organized for students.

Obeying the first law of library science as quoted by Dr. S. R. Ranganathan-"A modern librarian, who has faith in the law that 'BOOKS ARE FOR USE,' is happy only when his readers make his shelves constantly empty.", the books are made available to students.

File Description	Document
Upload any additional information	View Document

4.2.2 The institution has subscription for the following e-resources

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases
- 6.Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 6.59

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
3.00	4.48	14.64	4.22	6.63

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the last five years (Data Template)	View Document
Audited statements of accounts	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 2.79

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 62

File Description	Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

To keep pace with the fast-moving world of Information and Technology, the college strives for the complete automation of the activities of the college and thus has integrated the academic, administrative, and admission processes with the latest IT facilities. The college has updated its IT facilities by increasing the number of computers, printers, scanners, LCD projectors, Xerox machines, etc. It has also upgraded the website, online admission process, various soft-wares. All the IT facilities are updated periodically to meet the requirements.

Internet:

The college has upgraded the internet connection bandwidth from 10 Mbps to unlimited 20 MbPs (512KB x 40) bundled connectivity under the VPN broadband facility through MHRD's MHEICT mission. Reliance Jio Digital Life Jio ultra-high-speed Optical fibre Wi-Fi services are also made available in the college campus. All the computers are connected with Wi-Fi/LAN. The college has a Subscription of essential **41** Licensed Software. All the departments are equipped with computers, printers, scanners, LAN, and Wi-Fi connectivity

All the academic and administrative blocks are connected through Optical Fibre Cables (OFC). College provides open Wi-Fi facilities to students and teachers. There is a Biometrics access control for the teaching and non-teaching staff.

The College has three dedicated servers for the smooth functioning of the office, library, and computer science laboratories. Office administration software and. Library software is updated regularly to meet the latest requirements.

Library:

- The college library is fully automated with LIBMAN software that replaced the SOUL software. It has a subscription of e-books and e-journals via INFLIBNET and DELNET. Question papers, projects and theses are availed through a digital repository in the college library.

IT Infrastructure:

- The college has three computer labs for UG & PG computer science students and a Network Resource Centre (NRC) lab. Since the third cycle of NAAC, the college has updated the IT infrastructure with computers from 186 to **281**, Laptops from 05 to **16**, Printers from 55 to **82**, scanners from 14 to **21**, and LCD Projectors from 12 to **25**. **08 Interactive Boards / Smart Boards**, **04 LCD TVs**, **06 Xerox machines**, **07 servers**, **41 Licensed Software** have been set up for the smooth functioning of the office administration, academic purpose, and library services.

Regular up-gradation of PC Configuration

The college has installed the advanced Computer i3 Dell, Processor Core i-3 & Core i5, 9th Generation, 8GB RAM DDR-3RAM, Hard Drive 1TB, Dell keyboard and Optical mouse, dell 19.5 Inch monitor HD LED Monitor. Dos. Dell Desktop Computers Branded Intel ® Core i-5.2ND Generation 2310 Intel Chipset Motherboard, 64b Ddr 3 Sdram At 1333 Mhz, Hard Drive Sc Drive Ct200arm 16xdvd + 1-Rw, Graphics 14 B, Dell Keyboard And Optical Mouse Dell Tm 18.5" Led MONITOR, WIN 7 HB.

As a part of the Regular up-gradation of Office Administration Software, the previous E-Governance, MIS, ERP, EMS system software have been replaced with the advanced Cloud-Based ERP CCMS – Centralized Campus Management System containing modules viz, One Time Data Conversion, Online Admission Payment Gateway & One Time Cloud Setup.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 7:1

File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution

Response: B. 30 MBPS – 50 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average 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: 53.28

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)

2020-21	2019-20	2018-19	2017-18	2016-17
55.30	113.81	110.91	73.91	142.17

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document
Audited statements of accounts	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The optimal utilization of the physical infrastructure and the academic and support facilities in the college is properly planned by the Principal in consultation with the IQAC and the other related college Committees. The infrastructure is used optimally from 7.00 am to 6.30 pm. daily and is also provided to the University, Government Offices or the N.G.O.s on request for conducting competitive exams and other co-curricular activities.

Policies and Procedures for maintaining and utilizing physical, academic and support facilities:

The college has established systems and procedures for maintaining and utilizing Physical, Academic and support facilities. College has regular maintenance and periodic replenishment of essential facilities.

College policy is to have an effective mechanism for the upkeep of the infrastructure and other facilities as to have optimum utilization of the facilities in order to have effective college functioning.

The policy for maintenance of infrastructure depends on (a) type of infrastructure, (b) nature and frequency of its occupancy or utilization, (c) functional life and durability, (d) functional essentiality, and (e) price of the item.

The Repair and maintenance of physical, academic and support facilities:

The repairs and maintenance of Classrooms, libraries, Laboratories, and computers and other physical, academic, and support facilities is a continuous process. Further, the college has well-defined guidelines and procedures for repairing and maintenance activities to ensure time-bound maintenance work.

The college has established systems and procedures for maintaining and utilizing physical facilities as below:

? All the physical, academic, and support facilities are augmented and maintained through various college committees such as College Development Committee (CDC), Library Committee, Building Committee, Purchase Committee, UGC Planning Committee, Campus Discipline and Cleanliness Committee, etc.

? At the beginning of every academic year, proper availability of blackboards, lighting, ICT based facility and furniture in classrooms etc. is taken care of by these committees.

? Library Advisory Committee is functional which takes care of the library matters and functions.

? The physical education department has the responsibility for the creation and maintenance of sports facilities on the campus for the students and the faculty.

Infrastructural facilities:

The MCVC Building Maintenance Department of the college provides masons, plumbers, carpenters and other required human resources for repairs and maintenance whenever necessary and the minor maintenance is done at the college level. Regular maintenance reports are maintained at the college level and any new proposals for change/addition of infrastructure shall be taken care of from time to time.

- Engineers of the construction department of the parent society prepare the estimate for the large-scale maintenance of the college infrastructure whenever needed. Thereafter, by using private services, the work is carried out and the work is supervised by the social engineer. A civil contractor has been engaged to undertake construction and building work as and when required.

Maintenance and repair of equipment:

The Advanced and Expensive Equipments in the college are maintained as per the Annual Maintenance Contract (AMC).

- ICT maintenance is the practice of keeping computers in good and usable condition. The college has a well-established mechanism and process for maintaining and utilization of various ICT-based equipment and another facility.
- Institute has independent Annual Maintenance Contracts (AMCs). The college asks for quotations and the contract goes to the one quoting the lowest rates. The current AMC is with Kumar

Computers, Rajapeth, Amravati that takes care of all the ICT-based equipment and IT facilities available in the college. The annual maintenance includes the required software installation, repairing, and up-gradation. The ICT Smart Class Rooms and the related systems are maintained with AMC.

- Sufficient computers are allotted to each department to carry out the experiments like programming and other work. All these devices are annually maintained as per the given contract.
- All maintenance records are taken care of by the respective department/college office authority.
- Equipments / instruments which are under warranty are repaired by the suppliers/distributors and the non-warranty equipment/computers are maintained under AMC through skilled/ authorized service engineers/vendors/suppliers.
- In the case of science laboratories, regular maintenance of laboratory equipment is done by the lab attendants/assistants of the concerned department.
- The department-wise stock register is kept by the concerned laboratory assistant under the supervision of heads of the departments. Department-wise annual stock verification is done by the Stock Verification Committee and the report is submitted to the Principal. With the permission of the College Development Committee (CDC), non-working instruments/equipments are written-off.
- The housekeeping of the college is carried out by the Non-teaching staff of the college.
- Regular cleaning of campus, water tanks, classrooms, proper garbage disposal, toilets cleaning, paste control, furniture maintenance, replacement of fire extinguishers, electric work, plumbing, maintaining RO-water facilities, and the maintenance of garden are done by the peons and the other appointed staff. College campus maintenance is monitored through the Office superintendent.
- The watchmen are appointed for the security of the college campus and girls' hostel from the private agency.
- The College receives comprehensive feedback from all the stakeholders. Students' council, students' representatives, complaint/suggestion boxes, and the grapevine channel are some of the sources of feedback about academic, physical, and support facilities for the proper maintenance of the college.

The college is contended to share its infrastructural facilities for any social cause and for the convenience and the need of the society provided that the academic activities of the college are not suffered at all.

There are certain guidelines to be followed for the maintenance of physical infrastructure:

1. Prepare the routine and preventive maintenance schedule
2. Execute the maintenance schedule with the support of external agencies
3. Emergency maintenance shall be completed on a priority basis
4. The consolidated report of the yearly maintenance shall be prepared and submitted to authorities.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 54.51

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
1037	1051	1207	1088	1094

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	View Document
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	View Document

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 0

5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Number of students benefited by scholarships and freships institution / non- government agencies in last 5 years (Date Template)	View Document

5.1.3 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
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 25.79

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

2020-21	2019-20	2018-19	2017-18	2016-17
1401	352	424	262	229

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 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 any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression**5.2.1 Average percentage of placement of outgoing students during the last five years**

Response: 3.55

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
22	47	23	18	10

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 91.69

5.2.2.1 Number of outgoing student progression to higher education during last five years

Response: 706

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education (Data Template)	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 58.07

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.) year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
09	18	06	07	12

5.2.3.2 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

2020-21	2019-20	2018-19	2017-18	2016-17
15	25	14	12	21

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural

activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 72

5.3.1.1 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) year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
00	12	21	27	12

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

Students' Council:

The college has a Student Council whose secretary also serves as the college representative to the University Student Council. The Student Council of the college is constituted as per the section 40(2) (b) of the Maharashtra University Act, 1994. The secretary of the Students' Council is elected from among the Class Representatives who are nominated, one from each class on the basis of the academic merit, two girls representatives and one student representative each from the NCC, NSS, Games and Sports, Cultural activities. The major activities of the Students' Council include- maintaining the general discipline and to create a conducive atmosphere for curricular, co-curricular and extra-curricular activities in the college. It also endeavours to resolve students-related problems from time to time. It organizes different functions in the college including Annual Social Gathering (Shivotsav), Felicitation Programme for meritorious students, celebration of various days like-Youth Day, Teachers' Day, Science Day, Environment Awareness Programmes, etc. Students also participate in "National Student parliament".

The Students' Council represents about 2000 college students every year. Yearly, two meetings of the Student council are carried out with the Principal for planning the various student-centric activities. The Students' Council and the IQAC carry out various activities in the institution with a proper democratic

spirit. Regular meetings of Students' Council Executive members, class representatives and in-charges of departmental associations of students are held to effectively implement the programmes. Conveners of the committees guide and facilitate such activities.

College Committees:

A staff-advisor is assigned to each of the college committees. The IQAC, Canteen Committee, Anti-ragging & Anti Sexual-harassment Committee, Sports & Cultural Committee, Women Empowerment Committee, Library, NCC, NSS, Nature Club and National Science Day Committee etc. also function with the active support and participation of the student community through their representatives.

Youth Festival & Shivotsav :

Every year students participated in cultural mega event 'Youth festival' organised by the University. The council also organizes 'Shivotsav' (College Social Gathering) for promoting students to cultivate their skills in art, music, theatre, literature, Rangoli, Photography, etc. The Sports Fest is also organized which comprise events in games & sports.

Subject Associations/Clubs:

Each Department of the College has an Association to co-ordinate various student-related activities. A member of the faculty is given charge of the association. The President and the Secretary along with the Executive Committee to assist them are elected from among the students for organizing the activities of each subject association. Apart from subject associations, some departments have formed special organizations like Zoological Club, Environment Cell and Eco-Friends.

Avishkar and Conferences:

The College Council and Science Clubs are actively involved in the organization of Science festival-'Avishkar', NSD and National/State level conferences/Workshops hosted by various departments of the college.

NSS, NCC & Red Ribbon Club:

The NSS, NCC and other national level voluntary organizations such as Red Ribbon Club function very effectively in the college. Students can join these organizations to groom themselves as the disciplined, socially oriented and patriotic citizens.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 28

5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
00	35	39	34	32

File Description	Document
Report of the event	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template))	View Document

5.4 Alumni Engagement

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

Response:

The institution has a registered Alumni Association- "Alumni Association of Shri Shivaji Science College, Amravati" with the Registration No.: Maharashtra / 700/ 06 Amravati. It has been functioning for many years as a supportive and mentor unit of the college. The college has illustrious alumni who are spread over different parts of our country and abroad. The Association has been playing a key role in keeping them all connected to their august alma mater. It has been consistently taking efforts to implement various activities aiming to add to the overall development and reputation of the college. Meetings of the Executive body are regularly conducted. Current office bearers of the Alumni Association comprise of fifteen members. Shri. Milind V. Chimote, Ex. Mayor of Amravati City acts as the president of the association.

Financial Contributions:

As per the decision of the Alumni Association, financial assistance is provided Rs.137340/- to economically backward students for pursuing their higher education in last five years. Over the last five years, a good number of alumni have contributed generously for this noble cause. Receipt and expenditure statements are regularly maintained with the year wise audited statements. Alumni members of the various departments have donated books to the Departmental libraries. The voluntary book donation scheme has evoked good responses from the alumni and the teachers.

Alumni Meet & Felicitations:

Alumni Meet is arranged and the merit students of our college are felicitated with medals, mementos and books at the hands of the alumni. In addition to this some PG departments - Department of Physics, Zoology and Environmental Science organize Alumni Meets at the Departmental level.

Non-financial Contributions-

Teachers' Day Celebration:

Every year, at the Teachers' Day Celebration on 5th September, the recently retired teachers are felicitated by our alumni association to mark respect towards their dedication and contribution..

Alumni Lecture Series:

Organization of Alumni Lecture Series has been a regular activity of the Alumni Association. A lecture series on different subjects by distinguished alumni of the college to share their varied experiences is arranged in the college. This series of lectures intends to utilize the substantial contribution of our alumni in the academic enrichment of the college. The programme also offers opportunities for the outgoing students to interact with our renowned alumni in diverse fields and emulate their models. As a part of this, ten guest lecturers have been delivered by our prominent alumni during the last five years.

Gift of Bicycles to Students-

Our strong and sensible alumni have instituted a useful program for the economically weaker students, entitled 'Gift of Bicycles'. Our College Guardian Teacher Committee identify the economically weaker students from the newly admitted students of the institution and on the occasion of the Independence Day- the 'Gift of Bicycle' Program is executed by the Alumni association and the College NSS committee.

Career Guidance and Placement Services-

Our Alumni Association members who hold administrative positions conduct career guidance programmes and offer placement services to the students to help achieve their career goals.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: E. <1 Lakhs

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

Our institute was established in 1969. It is managed by **Shri Shivaji Education Society, Amravati.**

The Vision and Mission statement of the institution is as follows:

Vision: To develop the Institute as a Centre of Higher Learning ever abreast with the expanding horizon of knowledge in the field of Science and to facilitate the transformation of students into good human beings, responsible citizens and competent professionals.

Mission:

- To provide quality education, equip them with analytical insights, intellectual maturity, strength of purpose and willingness to work hard conforming to ethical values.
- To be a bridge between the rural-urban divide, taking the benefits of education to the poor and the marginalized, aiming at their empowerment.
- To ensure access to and equity in higher educational opportunity to all deserving and meritorious students with a preferential option for the poor and marginalized, irrespective of caste and creed.
- To attract and develop talented and committed human resource, and provide an environment conducive to innovation, creativity, team-spirit and entrepreneurial leadership.

The parent management, CDC, IQAC, and other governing bodies of the college collectively strive to fulfil the vision and mission of the college. The CDC works in a democratic way which is formed as per the Maharashtra University Act 2016, where the President and the office bearers of the parent management are among the members of the CDC. The management attempts to develop the college as a premier higher education institute offering quality education in the UG, PG, Research and Skilled development programs.

The overall governance of the college is in tune with Vision and mission statement, and it is also reflected in the goals and objectives of the college. The college ensures equal opportunity to all the deserving and meritorious students of all strata to pursue quality higher education in science. The college also tries to bridge the gap between the rural-urban divide through organizing various academic, co-curricular, extracurricular and extension activities for the students with a noble aim of empowering the poor and the marginalized section of the society.

The president of the parent management is the member of the college IQAC; the management representatives are also on the Purchase and the Building Construction Committees. The principal is the academic and administrative head, the secretary of the CDC, the chairman of IQAC, Council of Heads and the College Council. All the teachers are the members of the College Council and the teachers' representatives are the members of the CDC, IQAC and work on different academic and administrative committees. The teachers can participate in the decision-making process at various levels.

The perspective plan, which includes five-year overall development plan on all aspects, is prepared in consultation with the CDC, IQAC, College council and Council of Heads. The decisions regarding the academic activities and the process for implementing is taken by the IQAC and college council, which are subject to approval of the CDC. The departmental academic, co-curricular, extracurricular and research activities are planned and implemented by the teachers of the respective departments.

File Description	Document
Upload any additional information	View Document

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

The college always endeavours to provide quality and inclusive education with the help of all its stakeholders. The parent management encourages the faculty to develop an academic leadership and administrative environment, by giving them a free hand to work as conveners, secretaries and/or members of the organizing committees of various academic events organized in the college, and also to work on various academic bodies of the university and the other government bodies.

Thus, the college promotes a culture of participative management with specific plans for implementation by aligning the academic and administrative aspects, leading to the comprehensive development of the college and improving the overall quality of education imparted in the college. The teachers, non-teaching staff and the students are allowed to express themselves, provide suggestions and participate in any activity aiming to achieve excellence and for the development of the college.

The members of the parent management actively participate in policy decisions, the formulation of action plans and their implementation through the CDC and in reviewing the overall annual progress. The chairman of IQAC, along with the members, designs, the quality plans and policies, the budget, the audited statements and gets it approved at the CDC meetings. The action plans include plans for the improvement of teaching-learning, introducing new programs and providing infrastructural support of the departmental initiatives, research, support services, library, the use of ICT in all transactions, etc. The entire process involves participation of all the units of the institution.

The decentralization of academic, co-curricular, extra-curricular, and administrative work and/or governance is managed through the 34 various college committees comprising IQAC, Admission, UGC Planning, Library, Guardian Teacher, Prospectus and Magazine, Sports and Cultural, Office Automation, Feedback, Women Empowerment, Career Counselling, Placement, Grievances Redressal, Anti-ragging, etc. The teachers, non-teaching staff and students are the members of the various committees. The academic and administrative policies which are planned by the CDC are monitored and reviewed at regular intervals through the IQAC, College council and the Council of Heads.

Case Study:

Council of Heads:

The members of the Council of Heads are the Heads of all the thirteen departments of the college. The various policy decisions on all aspects of institutional development taken by the CDC and the IQAC are communicated to the Council of Heads. All the members of the Council participate in the effective implementation of various policy decisions. Regular meetings of the council are held to discuss over and take decisions on different items such as admission policy and process, introducing new courses, academic planning of the departments, budget implementation, organization of different academic activities, students-related co-curricular activities, result-analysis and other academic and administrative matters. Under the supervision of the principal, the college authority provides the authority to the heads of the departments in planning and implementation of the teaching-learning plans, research, extension and students-related academic and extracurricular activities, preparing the departmental budget allocation and its implementation, etc. The respective heads of the departments are authorized to sanction the casual leave and monitoring the teaching-learning-evaluation process.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The college has prepared a Perspective Plan- 2016-20 for five years and a Future Strategic Plan for the duration 2021-25 in which the institution's overall developmental aspects have been taken into account such as infrastructural development, introducing new programs / courses, skill-based/ add-on/ value-added certificate courses, purchasing advanced equipments, enhancing research activities, providing academic and sports facilities to students, developing ICT enabled / Smart Classrooms, organization of training programs for teachers and non-teaching staff, atomization of administrative transactions, developing Science Centre for the popularization of basic sciences amongst students etc.

The deployment document of the activities implemented in the last five years-2016-20, has been prepared. The perspective plan and the deployment documents are uploaded on the college website. The college has distinct quality policies targeted towards achieving the goal and the mission of the institution. The IQAC too has developed some quality policies through the involvement of all stakeholders. The quality policies are reviewed every year during the meetings of the College Council, the Council of Heads, IQAC and the CDC.

One Activity Successfully Completed:

Introducing New Courses:

The college decides to introduce new courses as per the latest trends and the needs of the students. Accordingly, the decision about starting new courses was taken at the CDC meeting and the two proposals

were submitted to the affiliated University to introduce Post Graduate programs in Mathematics and Microbiology. As a result, the college has received permission from the Sant Gadge Baba Amravati University, Amravati to start M.Sc. in Mathematics from the session 2021-22. In addition to this, with reference to the UGC scheme of B. Voc. (Bachelor of Vocation), skilled based courses aligned with NSQF, the college had submitted a proposal to the UGC and has received the sanction to start two B. Voc. courses namely B.Voc. in Forensic Science and B.Voc. in Data Analytics, from the academic session 2019-21.

To implement on the Perspective Plan, the college always takes policy decisions for enhancing the overall skills of the students and accordingly, the college has taken a decision to introduce different short-term courses, i.e., add-on / value-added certificate courses which help students acquire additional life-skill in a particular subject. With reference to the decision of the CDC, IQAC and the Council of Heads, every department of the college was asked to design the curricula and start these Certificate Courses of minimum 30 hours duration. Accordingly, apart from the UGC COCs, the college has started 20 different Certificate Courses in English Communication Skill, English Vocabulary Building, Yoga, RBPT, R-programming, Wildlife Photography, Instrumentation Techniques, etc. These courses, initially started in an off-line mode, were also introduced on-line and proved highly beneficial to the students especially during the Covid-19 pandemic lockdown.

File Description	Document
Upload any additional information	View Document
strategic Plan and deployment documents on the website	View Document

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

Response:

The college adheres to the rules and regulations laid down by the UGC, NAAC, Govt. of Maharashtra, and the affiliated university- Sant Gadge Baba Amravati University, Amravati from time to time.

The organizational structure of the college begins with the College Development Committee which consist of the members of the parent management, representatives of teachers and non-teaching staff, nominated members and the Principal as an ex-officio member. The IQAC consists of teachers, non-teaching staff, nominated members of the Alumni Association, local bodies, members from the industry, a student representative. The Council of Heads consists of the Heads of all the departments. The College Council consists of all the permanent teachers. The Students' Council is also formed as per the directives of the affiliated university. The office- staff includes a Superintendent, Head Clerks, Senior Clerks, Junior Clerks, Stenographer, Accountant, Store-Keepers, peons, sweepers, watchmen works under the supervision of the Principal.

The management also assigns various responsibilities pertaining to the academic leadership to the

principal, all members of the Council of Heads, the IQAC Coordinator and its members, and the conveners of the various academic committees. Senior faculty members have been given the responsibility of heading their respective departments. The college authorities provide freedom and opportunities to the faculty members to plan and implement the various academic, extracurricular and extension activities through various committees, which helps enhance and maintain the quality at all levels. Many of the faculty members who are on the various bodies of the university such as the Academic Council, the Boards of Studies, and the Senate do get an opportunity to develop and enhance their leadership qualities. Students' leadership is groomed through the Students' Council, which is formed every year as per the Maharashtra University Act, under the provision of the section 40(2)b.

The students' representatives are nominated on various academic and extracurricular committees related to students, as a part of SPQA. In the design and implementation of the quality policies and plans, a proper hierarchy is maintained. The Principal and the faculty members are committed and ever supportive through the CDC, the College Council, the Council of Heads and the IQAC.

Service Rules:

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

Procedure for Recruitment:

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

Procedure for Promotion:

Promotion to the 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), Anti Sexual Harassment Committee, Anti-Ragging Committee, and Grievances Redressal Committee for the timely redressal of the grievances of the students and the faculty, if any.

File Description	Document
Upload any additional information	View Document
Link to Organogram of the Institution webpage	View Document

6.2.3 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
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document

6.3 Faculty Empowerment Strategies

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

Response:

The college implements various welfare schemes for the teaching and non-teaching staff as per the rules and regulations of the government of Maharashtra. Some of the welfare schemes are also offered through the institutional set up. These welfare schemes of the college are briefly discussed below.

Group Life Insurance Scheme: All the teaching and non-teaching staff of the college have been insured with the GLIC scheme. As per the norms of the LIC, the monthly premium amount is forwarded to the LIC office. 54 teaching and 67 non-teaching have been insured through this scheme. The year-wise beneficiaries of this scheme are - 54 teaching and 67 non-teaching employees in 2016-17, 53 teaching and 63 non-teaching employees in 2017-18; 52 teaching and 62 non-teaching in 2018-19; 44 teaching and 58 non-teaching employees in 2019-20.

Health Insurance Scheme: This scheme is offered in collaboration with the HDFC – Ergo Life Insurance company and as per the conditions of the scheme, the health-insurance to the family members of the employee is given. Ninety-seven faculty members have been insured in 2019-20 whereas in 2020-21 eighty-five members have been insured through this scheme.

Loan facility through the Salary Earners Society of the college: The college has "Shri Shivaji Science College Employees Salary Earners Society", registered under the Maharashtra Society Act 1956. The working of the society is as per the government rules and it offers the House Loans, Personal Loans, Vehicle Loans, Emergency Loans to the college employees. The yearly Audit of the society is conducted regularly and the Society has got "A" Grade continuously for the last five years.

Medical reimbursement by the State Government: As per the rules and regulations of the government of Maharashtra, the medical reimbursement proposals are forwarded to the Joint Director's office and the benefit is availed by the concerned college staff. In the last five years, 21 employees of the college have been benefited by this scheme. The year-wise beneficiaries of this scheme are- 13 employees in 2016-17;

01 employee in 2017-18; 03 employees in 2018-19; and 04 employees in 2019-20.

Grain advance to the non-teaching staff: The Grain Advance is given to the non-teaching staff every year by the college.

LTC scheme: As per the state government norms it is offered to the college staff on demand as per the conditions laid down by the government.

Some other schemes implemented by the college for the employees include- Maternity leave for female faculty members up to 9 months; Faculty appointed prior to 2005 are eligible for pension benefits on retirement; Faculty who joined after 2005 are covered under the New Pension Scheme (Contributory Pension Scheme); GPF, gratuity and leave encashment are availed by retiring faculty as per Government norm; Vacation leave, Casual leave, Earned Leave and Medical leave facility; Loan on Provident Fund and Part final withdrawal; Duty Leave for attending Seminars, Conferences and Workshops; Financial support to the staff attending Seminars, Conferences and Workshops; Medical facilities are provided by the Medical College run by the society; etc.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 20.22

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

2020-21	2019-20	2018-19	2017-18	2016-17
9	22	24	15	17

File Description	Document
Upload any additional information	View Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 2.8

6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
4	2	3	4	1

File Description	Document
Upload any additional information	View Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 22.73

6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
27	39	11	9	13

File Description	Document
Upload any additional information	View Document
Details of teachers attending professional development programmes during the last five years	View Document

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

Response:

The performance appraisal reports of the teaching staff are collected at the end of every academic year in the format provided by the SGB Amravati University as per the Direction No. :35 / 2019, Dated 7/ 9/ 2019 for the Self-Assessment Proformas cum Score Sheets for the Academic Performance Indicators (API)

based Performance Based Appraisal System (PBAS) for Appointments and Promotions under Career Advancement Scheme of Teachers. The Higher & Technical Education Department of the Government of Maharashtra has issued Government Resolution No. NGC 2009/(243/09)-UNI-1, dated 12 August, 2009, regarding the Revision of Pay Scales of teachers and equivalent cadres in Higher Education as per UGC Scheme (6th Pay Commission), for teachers and other equivalent cadres of library and physical education in all the Universities, Colleges and other higher educational institutes coming under the purview of state legislature. Accordingly, Annual PBAS formats of all the teachers are collected at IQAC level which are evaluated by the Principal and are used for the promotion of teachers at different levels as per SGBAU 2019 notification.

Apart from this, the parent management, every year, evaluates the performance of teachers and the non-teaching staff through the self-performance appraisal forms designed by the management. The Self-appraisals are considered for the confirmation and promotion of employees by the management through the CDC. Performance of the nonteaching staff is evaluated by the respective Heads of the departments and the Principal, through the proforma provided by the parent management. The filled-in appraisal reports are submitted to the management. The non-teaching staff are also evaluated based on their contribution towards the responsibility given to them by considering their work achievements, qualification enhancement and adaptability towards the technological advances. The Management takes a review of the performance appraisal reports and an appropriate decision is taken by the management whenever required.

File Description	Document
Upload any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The college conducts internal financial audits regularly. The college believes in maintaining a sound financial and accounting system for safeguarding the interests of the stakeholders through an efficient mechanism. For a smooth function of the overall accounting system, the college maintains various accounting entities. The annual budget is prepared for the various heads such as infrastructure development, equipment's, sports, maintenance, etc.

The accounts of the previous year are carefully scrutinized prior to the preparation of the financial budget for the next financial year. The college uses the ERP cloud-based Master Soft software and the accounts are subjected to the audit mechanism.

Internal Audit:

The management mechanism to ascertain whether the management policies and guidelines for the accounting are properly implemented are reflected in an internal audit report submitted by the auditor.

The accounts department takes corrective action based on the report if required. Statutory Audit is

conducted after the close of the financial year. Books of accounts are examined to formulate a fair opinion whether the Institute keeps proper books of accounts. The balance-Sheet is examined to get a true and fair view of the state of affairs of the college and the income and expenditure accounts are examined to verify the excess of income over expenditure or vice versa.

The college accounting and auditing systems and procedures are enhanced, based on the audit reports of the internal auditor. The Government Audit apart from the internal and external audit like the AG's audit and DE's audit is also done. The government auditors express their opinion on the conduct and maintenance of books of accounts and records and take a review of the state of affairs of the Government funded Projects/Programs.

Major areas covered by the audit are: Income and Expenditure statements; Payments and Receipts; Verification of assets and liabilities, etc.

Audit Objections and Clarification: The objections regarding the audit pointed out by the auditor are discussed, and the management takes the expected corrective measures. The objections are clarified by the accounts department and a report with due explanation is submitted to the government audit department as per the suggestions. The Action Taken Report is also sent to the auditor for further clarification, if any, and for the final approval.

File Description	Document
Upload any additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

The college has devised certain strategies for the mobilization of funds and the optimum utilization of its resources. The institute has a very solid mechanism to estimate the financial requirements through the annual budgets and the distribution of funds through the resource mobilization policy and also to ensure the effective and efficient use of the funds raised. The college is 2f, 12b Grant-in-aid college and follows the rules and regulations laid down by the UGC, the Department of Higher and Technical Education, Govt. of Maharashtra and the affiliated university- Sant Gadge Baba Amravati University, Amravati. The College receives salary grant from the Maharashtra State Government and the development grants / funds from the UGC, DST, DBT, CSIR and other funding agencies of the Central Government for the academic and infrastructural development. Apart from this, the College mobilizes funds through the students' fees and self-financed courses.

The resource mobilization Policy and procedures for funds:

- To send the proposals for obtaining funds from various funding agencies like UGC, DST, DBT, CSIR etc.
- The IQAC prepares the proposal whenever the schemes are advertised by the above agencies.
- The Annual Budget is prepared as per the funds available from all sources.
- The Requirements from all the departments, library and sports are called and the departmental fund allocation is prepared.
- The tenders are called for the purchase of equipments, computers, ICT facilities, consumables, etc.
- The received tenders are opened before the purchase committee and orders are placed to a vendor quoting the minimum cost.

The financial sources are:

- The budgetary resources of the College include plan and non-plan grants received from the UGC. The Salary grant is received from the Government of Maharashtra.
- The CPE grant from UGC, FIST program, grant from the DST and INSPIRE program
- Grants received from DST, CSIR, DBT experts.
- Research Project grants and grants for carrying out various academic programmes like seminars, conferences, workshops, received from the UGC, DST, DBT, MoF etc.
- Examination grant is received from the affiliated university
- EBC and BC scholarship grants are received from the Government of Maharashtra.
- Admission, tuition and other fees are collected by the college from the students and the other fund is generated through bank interests, fines, breakages, common dues, and the fees charged for the issue of certificates.

Optimum utilization of financial resources:

For the optimum utilization of the resources, the college invites requirements from all the departments and accordingly prepares the budgetary plan. The Purchase Committee works on the details of the budgetary plan and sanctions the budget by considering the financial resources and the requirements of the respective

departments and submits it to the Principal and the CDC for final approval. The utilization of the sanctioned budget is monitored by the Council of Heads, IQAC and CDC. The Audit Department monitors the entire business of the financial permissions and its appropriate utilization as per the budgetary planning.

File Description	Document
Upload any additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

The IQAC is meant for planning, guiding, and monitoring Quality Assurance and Quality Enhancement activities of the college. Thus, it has been significantly contributing in many ways for institutionalizing the quality assurance strategies and processes such as preparing and implementing the college academic calendar, perspective plan, admission process, enhancement in the teaching-learning process, measuring learning outcomes, promotion of research activities, students' participation in co-curricular and extra-curricular activities, sports and cultural enhancement, office automation, organization of awareness programs on various quality sustenance initiatives and other aspects of over-all quality culture in the institution.

Two Practices for institutionalizing the quality assurance strategies and processes:

1. Online Admission Process:

The college has its regular practice of making admissions for the UG and PG programmes on merit basis every year. For complete transparency and the students' convenience, the IQAC has initiated the online process of admissions to all the UG and PG programmes. Accordingly, through the college MMS; the software, the flowchart and a trouble-free process have been developed in consultation with the heads of the departments and the IQAC. This efficacious online admission procedure is being successfully implemented by the institute since the last three years. The process includes uploading the notification on the college website regarding admissions, providing the link for the registration of the students through which they can fill-in the required information, etc. After this, the merit list is generated and accordingly the admission schedule is prepared and communicated to the students through the college website. The students can also pay the fees on-line. The complete admission process is executed and monitored by the admission committee under the supervision of the Principal.

2. Career Guidance and Counselling to Students:

As a part of the college IQAC initiative, the Career Guidance, Counselling and Entrepreneurship Cell has

been vitalized to organize various career guidance programs and provide counselling on job opportunities and entrepreneurship availabilities for the students. The committee prepares the annual plan and accordingly organizes different activities or programs such as lectures on general studies, personality development, effective communication skills, interview techniques, panel discussions, etc. The students are encouraged to register themselves for such programmes. After the regular teaching sessions are over, the guidance and counselling classes are conducted. Many students of the college have been benefitted by this scheme and are placed at different organizations during the last five years.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

The college has achieved a substantial growth in all areas of its operations after the third cycle of NAAC assessment. It follows a regular practice of taking reviews of the teaching-learning process, structures & methodologies of operations at periodic intervals through IQAC. The IQAC also reviews the learning outcome of the students at various levels, including their academic performance and extracurricular achievements.

Two examples of the institutional reviews and implementation of teaching-learning reforms facilitated by the IQAC:

1. Internal Academic Audit of the Departments:

The IQAC conducts academic audits of all the departments, which includes the verification, assessment and review of the various academic activities carried out by the departments such as teaching-learning, academic extension, research, and extracurricular activities. The IQAC has prepared a particular format for the same. It is distributed to the departments and a visit schedule to assess the concerned activities is planned. The departmental fact-sheets include the information like- number of teachers, number of students , programs offered, analysis of the university examination results, teaching facilities available, newly added equipments and computers, academic activities conducted, research papers published in the journals and presented in the conferences by the teachers, faculty development programs attended, the teachers' achievements, students' achievements in the academic and extension activities, placements, career guidance programs, etc. The suggestions, if any, are communicated to the particular department for the

improvement and corrective measures.

2.Reforms in Teaching-Learning Methodologies:

The IQAC reviews the Teaching-Learning process every year and implements reforms as per the latest requirements. The use of ICT facilities in the college has been substantially increased at both the UG and PG programs. During the last five years, 10 new ICT-enabled Smart classrooms have been established in the college. All the departments have ICT facilities which are used by the teachers in making their teaching more effective. The teachers have developed their own e-contents in the form of videos, audios and PPTs. The course-wise e-contents are developed by the teachers for all UG and PG programs. The developed e-content is presented by the respective teachers through an on-line or off-line mode and the links of the same are made available on the college website for the students' reference. The teachers also upload the E-contents developed by them on the respective departmental drives and the Google Classrooms.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.3 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)
- 3.Participation in NIRF
- 4.any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

Response: A. All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Paste web link of Annual reports of Institution	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

The overall atmosphere of the college is safe and secure for females in all respects. The girls students and the women staff get respect, equal rights and opportunities in the academic and administrative spheres. In each programme, about 60- 75% admitted students in the college are girls which reflects the faith and trust of parents. There is an equal or more participation of girls in the cultural, sports, and outdoor Nature camps too.

Safety norms are strictly followed by the college in all respects. The college has installed first-aid-boxes and fire extinguishers in the laboratories, library and classrooms. 24-hour Security guards have been appointed to safeguard the students. CCTVs are installed in the classrooms, departmental laboratories, library, parking areas and also in the office and lobbies to ensure the safety and security of students and staff. Spacious labs with Entry and an Exit door cross ventilation and plantation around it provide a fresh environment.

The Women Empowerment Cell and the Anti-Sexual-Harassment Committee in the college organize various gender equity and sensitization programmes to ensure and encourage women empowerment in all areas. The college strives to create awareness among students, teaching and non-teaching staff regarding sexual harassment and fosters its prevention through various programs such as Awareness Campaigns, Posters, counseling through class teachers, Guardian Teachers, Grievances Redressal Cell.

A separate Girls Hostel with a caring and responsible Warden is administered by the Girls Hostel Committee comprising of lady teachers. The hostel is under CCTV surveillance and 24-hour Security guards have been appointed to safeguard the students. No hostel student is allowed to enter the hostel after 08.00 p.m. without prior permission. The college ensures monitoring and maintenance of Complaint Boxes and promoting a healthy relationship between seniors and juniors etc.

b. Counselling:

The college teachers actively participate in the Induction programmes organized every year to guide the students. Guardian Teacher (GT) Scheme plays a key role in counseling the students and act as their mentor, guide and philosopher. Students are encouraged to join NCC, NSS, games and sports, COCs and participate in co-curricular and extracurricular activities. The college teachers also guide the students with regards to carrier counseling and encourage their participation in the Placement Drives. The college invites professional counsellors and other external health experts like gynaecologists to guide and motivate the girls students on issues like menstrual hygiene, depression, etc. and to boost their courage, confidence and morale.

c. Common Room:

Common Room for girls students with resting facilities is available in the college campus. Girls students

facing any kind of infirmity/ uneasiness during the college hours can rest in the Common Room. One incinerator is installed in the common room for the proper disposal of the sanitary napkins. The required first aid and moral support are provided to them.

d. Any other relevant information

The syllabi of the language subjects comprise of the short stories, essays and poems which help to instil in the students' minds certain progressive thoughts promoting gender equality.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Link for annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system

- **Hazardous chemicals and radioactive waste management**

Response:

The institution strongly believes in the motto “Reduce. Reuse. Recycle” and has formed its Clean and Green Campus Policy Document. Accordingly, the college has adopted a Green Protocol to deal with the issues of degradable and non-degradable waste management on the campus.

Solid Waste Management

The college campus is a Plastic Free Campus where there is a complete ban on single-use plastics. Dry Waste and Wet Waste are segregated into blue and green dustbins respectively. Proper maintenance of infrastructure and timely repair of furniture is done to minimize solid waste. During cross stock verification of all the departments material Write Off is a regular practice. Online submission of assignments for Physics has substituted the use of papers.

The college believes in the Paperless Office and E-Communication. The use of paper is substantially reduced through digitization. Use of One-side blank pages, E-communication, "Learning Management System" has reduced the wastage of paper. Waste paper is sent for recycling through a local trader.

The college has installed an Incinerator for the disposal of sanitary pads in the Girls' Common Room as a step towards eco-friendly disposal mechanisms.

A Biogas Plant with a capacity of 2000 Ltr. has been installed in the Payoshni Girls' Hostel of the college. The raw material used for the plant is the waste food from the canteen and the Girls' Hostel Mess.

Vermicompost Unit is established in the Medico-Botanical Garden of the Department of Botany. The organic waste material is collected from the college campus or is used for obtaining odourless and granular, soft vermicompost.

Various Awareness Programmes, Cleanliness Drives, Swachha Bharat Abhiyans are conducted for students and staff for minimization of solid waste.

E-Waste Management

The college uses LCD/LED instead of CRT monitors and encourages use of refill inkjet cartridges and laser toners and purchase of less toxic and recyclable materials and components. The hardware resources are utilized to the optimum extent. Systems and instruments with longer guarantee period are selected.

A minimal e-waste generation is ensured by proper handling and **periodic maintenance** of computers, electrical and electronic equipment. Components and other small devices/parts of non-repairable equipments are used to fabricate new experimental kits / power supplies. The unwanted/excess computer machines / devices / printers / scanners / keyboards / mouse etc. are transferred or donated to the society's schools and colleges

Liquid Waste Management

Rainwater Harvesting Units have been established in the college and the Girls' Hostel. Two Soak Pits for groundwater recharge are constructed for non-hazardous liquid waste generated from laboratories.

Hazardous Chemical Waste Management

The basins in the Chemistry laboratories are marked for the disposal of hazardous chemical waste and all the chemical waste is collected in a separate tank set up outside the laboratory. The chemical effluent is further carried away by the firm SMS Ltd., Nandgaon-Peth for the treatment. The agreement letter regarding this is signed by the Department of Chemistry for the chemical-free environment of college campus.

File Description	Document
Any other relevant information	View Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Link for Geotagged photographs of the facilities	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document
Link for any other relevant information	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

- 1.Green audit
- 2.Energy audit
- 3.Environment audit
- 4.Clean and green campus recognitions / awards
- 5.Beyond the campus environmental promotion activities

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

- 1.Built environment with ramps/lifts for easy access to classrooms.
- 2.Divyangjan friendly washrooms
- 3.Signage including tactile path, lights, display boards and signposts
- 4.Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
- 5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

The college takes sincere efforts/initiatives in providing an inclusive environment including tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities to all its stakeholders through the organisation of various events, Rallies, Talks, etc.

This includes the celebration of 'The National Communal Harmony Day' (Sadbhavana Diwas) on 20th August every year to commemorate our late Prime Minister Rajiv Gandhi for his efforts in the development of our nation and particularly to build a secular India. On this day, NSS unit of the college conducts Guest Talks on National Integrity so as to promote an inclusive environment of various cultures, languages, communities and regions. The college students also express their progressive views on National Integrity.

The Department of Languages organize an Essay Writing Competition to instil in them the spirit of national Integrity, broaden their views regarding communal harmony, and foster scientific temper among them. The topics for the competition are selected pertaining to these issues. Similarly, competitions on Bhagwatgeeta and Gandhian Thoughts are also organised in collaboration with the Panchakrishna Prabodhan Mandal, Buldhana and Gandhi Research Foundation, Jalgaon respectively to imbibe values regarding, social justice, communal harmony and respecting humanity in general.

The students having Urdu as their mother tongue are encouraged by the department to share the themes of certain ghazals, poems and short stories into English or Marathi during the lecture and the Viva Voce/ presentations organized for the students. Students who can perform mimicry/plays/skits in Varhadi dialect are also promoted to participate in the University Youth Festival.

Students belonging to Korku, Gujrathi, Marwadi, Banjara, Muslim communities who take admission to various courses in the college are encouraged to participate in the Annual Social Gathering and the University Youth Festival and perform their folk dances, songs, etc.

The college publishes its Annual Magazine 'Shivasmruti' every year containing articles, poems, short stories, paintings, sketches, etc. by the students and the staff of the college. The write-ups in the magazine

are published in four languages- Marathi, Hindi, English, and Sanskrit. The students are encouraged to express their views and opinions on various social, educational, economical, environmental, cultural issues in the magazine.

NSS Unit of the college conducts various activities including the Special NSS camps for instilling the values regarding this among the students like the Street Play based on the Kirtanas of St. Tukaram and Sant Gadge Baba; Patriotic Cultural Dance Program; Guest Lectures, Street Plays on superstition eradication, etc.

During the Annual Gathering Cultural Events, students are encouraged to perform classical and folk dances, songs portraying our rich cultural traditions in Punjabi, Gujrathi, Rajasthani, Varhadi, Gond, Korku, Urdu, Tamil, Odyssey, Kashmiri, etc. Group dances on National Integration, Patriotic songs are also performed. A Fashion Show portraying traditional attires of various states, regions and professions is also organized.

Most of the literature prescribed for the language subjects of the B.Sc. I course aims at refining the human senses and broaden the students' overall attitude towards life instilling among them values regarding culture and harmony.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

Constitution Day is celebrated every year in the college on 26th November to mark the dedication of the Supreme Constitution of India to the nation. During this programme, a humble tribute is paid to Bharat Ratna Dr. Babasaheb Ambedkar and the preamble of the constitution of India is read by the NSS students. As the college has the original copy of the Indian Constitution, it is also worshipped and looked into. The students and the teachers deliver speeches on the importance of adhering to the constitution by the citizens for building a better nation.

The students of the college are sensitized towards the values, rights, duties and responsibilities of citizens by organising various programmes, rallies, competitions, quizzes, awareness programmes, Swachha Bharat Abhiyans, Tree Plantation programmes, Road Safety Week, etc. The Rallies for the propagation of cleanliness, environmental consciousness, AIDS awareness, adverse effects of Addiction of various Drugs, Fit India Freedom Run, etc are also organised.

“Cleanliness and Tree Plantation Programme” are organised regularly to inculcate the dignity of labour,

cleanliness and environmental consciousness by the NCC and NSS Units of the college. Blood Donation Camps are organised by NSS and NCC in which a large number of students and staff donate their blood.

The distribution of masks and sanitisers was also done by the college during the pandemic. The NSS volunteers of the college prepared a YouTube Video to create awareness among the society regarding the ghastly spread of the Corona Virus. NSS Volunteers helped the Health Workers during the Pulse-Polio Immunisation Programme and participated in the Lokjagar & Chetana Mohim- in collaboration with the 'Red Ribbon Club'.

On 15th August 2019, NSS students marched a rally and collected Rs. 25,000 for the Kolhapur Sangali flood victims and deposited it in the Chief Minister's Assistance Fund as a genuine deed of humanity.

A lecture on Financial Literacy was organised for the students by Maharashtra Bank Officers and the Principal of the college for making students aware of the BHIM App. Demonstration and training on "Road Safety Week" were organised by "Succeed Safe" - an NGO from Mumbai for the safety of college students.

The department of Languages conducts examinations and Essay Competitions on Bhagvatgita, Gandhian Thoughts, Swami Vivekanand's Philosophical Thoughts every year to inculcate human values like love, courage, honesty, respect, truthfulness, patriotism, etc. among the students.

The college organised Fit India Freedom Run 2.0 on 14th Aug 2021 with a view to make fitness an integral part of our daily lives and to bring about behavioural changes and move towards a more physically active lifestyle.

A good sportsman is equipped with good manners and etiquette. Through regular sports activities of the college, human values like discipline, courage, mental and Physical health Persistence, Team Spirit, killer instinct etc. are developed. students also learn to handle their aggression in a positive and constructive way. They also become ready to accept defeat in life lively and healthy. Our teachers help and encourage students for this.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**

4. Annual awareness programmes on Code of Conduct are organized

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

In order to inculcate values of patriotism, national integrity, social harmony and self-respect among the young students of the college, and also to make them aware about our rich cultural traditions, the college organizes and celebrates national and international commemorative days, events and festivals by forming various committees.

Our two National Festivals- Independence Day and Republic Day- and also Maharashtra Day are celebrated with zeal and enthusiasm following strictly the directives from the Government from time to time. The flag hosting is followed by the Principal's Address. Our Students, alumni and staff also perform cultural and social activities like singing patriotic songs or performing dance on National Integration. Tree Plantation and Cleanliness drives are also a part of these events.

The Constitution Day is celebrated every year in the college on 26th November to mark the dedication of the Supreme Constitution of India to the nation.

The Library organizes book exhibition every year on the occasion of the birth anniversary of Dr. S.R.Ranganathan on 12 August. To inculcate reading habits and develop quality collection in the library two days' book exhibition is also organized. Local publisher/book sellers are invited for the exhibition. The students and staff members visit the exhibition and recommend books.

The library celebrates 'Vachan Prerana Din' in memory of Late Dr A.P.J. Kalam on 15 October. To enhance reading habits, activities like Authors' Talk, visit to nearby library, compilation of information are organized for students on this day. The days like Matru Bhasha Din, Marathi Bhasha Diwas and International Books Day are also celebrated by the department of Languages to promote reading culture among the students.

The Department of Physical Education celebrates International Yoga Day, National Sports Day, National Youth day to instil good healthy habits and to make them physically and mentally strong to face the challenges of life.

National Youth Day is celebrated in the college every year on 12 January to pay homage to the Great Swami Vivekananda by felicitating students for their various academic, sports and cultural achievements.

Celebration of National Science Day and International Women's Day are celebrated by conducting various relevant activities. On National Science Day, various events like Quiz Competitions, Demonstrations, Video/Poster Competitions, Seminars, Workshops, etc. to inculcate scientific temper among the students are organised. The Army Day celebrated by the NCC Unit. Apart from these, International Day for the Preservation of the Ozone Layer, World Environment Day, Wildlife Week, World Water Day, International Tiger Day, Bird Week, World AIDS Day, World Wetland Day, Great Backyard Bird Count, World Sparrow Day, World Biodiversity Day, National Periodic Table Day

On the Birth/Death Anniversaries of great people like Mahatma Gandhi, Dr. Babasaheb Ambedkar, Swami Vivekanand, Savitribai Fule, Annabhau Sathe, Rashtasant Tukadoji Maharaj, Gadge Baba, Dr. Panjabrao alias Bhausahab Deshmukh, etc the students are motivated to deliver speeches to propagate the phenomenal work done by these great men/women and also their thoughts and philosophy of life.

File Description	Document
Link for Geotagged photographs of some of the events	View Document
Link for Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

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

Response:

1. Title of the Practice: Publication of IQAC Newsletter

1. Objectives of the Practice

- To use the IQAC Newsletter as a driver of relationship-building and connect with the stakeholders and also with the educational institutions, educationists, and the society.
- To keep the stakeholders informed of the various activities of the college. To provide all the college updates and 'what's new' in the college.
- To promulgate major events / programmes / activities / best practices etc. to elevate the college

reputation .

- To publicize Awards and recognitions received by the college, teachers, office-staff and the students to appreciate them and motivate others to achieve new heights.
- To Maintain and develop creditability and help employees and the students grow more passionate about the college.
- To maintain and enhance stakeholders' loyalty and boost their morale.

2. The Context

The college believes that publishing a regular newsletter bi-annually and maintaining regular contact with the stakeholders is important to keep pace with the competitive world. Keeping the stakeholders informed about developments ensures that they are aware of the college reputation as an innovative, committed and dedicated institution. Reviewing the college activities indicates that the college administration has a proper understanding of the challenges and opportunities facing its stakeholders.

As relaying information is one of the basic aims of any newsletter, the 'IQAC Newsletter' aims to pursue this objective by conveying to its readers the recent achievements and milestones of the college, upcoming special events, policy changes, and a variety of other facts that the internal readers may have a need or desire to know. The external readers will be acquainted with the notable developments in the college resulting in enhancing the overall image of the college among the society. As it is an authoritative document of the college, it provides a genuine platform to disseminate all the important information related to the college.

1. The Practice:

Keeping in mind the aforementioned objectives, the IQAC took a firm initiative to devise a communication tool of the college for better and effective communication. Thus, the college IQAC has been publishing the IQAC Newsletter bi-annually in print since January, 2014. These issues are published in the months of January and June.

The dynamic IQAC of the college collects data of the important events and activities carried out by various departments of the institution on regular basis. After its compilation, the Editorial Board of the IQAC Newsletter edits the data and the important events and programmes are sorted out for publication.

The newsletters are regularly distributed among the college staff and the students and are displayed on the Notice Boards of the college. These are also distributed to the various departments of the University, educational institutes, educationists, academicians, Executive Members and life-members of Shri Shivaji Education Society, and the guests visiting the college. On-line availability of the IQAC Newsletter on the

college website has increased the newsletter's reach and helped establish leads in and around the region

To help improve the performance of the workforce, the IQAC Newsletter serves as an important tool that can keep the stakeholders in the loop on the college policies, academic, co-curricular and extra-curricular, and outreach activities, services, social and cultural events, best practices and other news. It also helps the stakeholders improve their self-esteem and make them more motivated to get engaged in the college activities.

4. Evidence of Success:

Since the publication of the IQAC Newsletter, it has become the true mirror of the college projecting all the college activities at a glance. The comprehensive consolidation of the varied college programmes in the form of the newsletter has helped enhance the overall image of the college. Any stakeholder or the outsider can have a comprehensive glance of the college through it.

The college has been publishing its IQAC Newsletter bi-annually since January 2014. Since then, all the important college activities are being covered and duly appreciated through the newsletter. It is observed that, since the important events and programmes have got the authorised and dignified platform for their appreciation, publicity and propaganda, there has been a significant increase in the organization of such academic, research, co-curricular, cultural, and outreach activities by the college. The teachers, students and all the other stakeholders of the college are being engaged in more number of innovative or creative and productive activities in the college. The other colleges in our region have also been inspired by this activity and have started to publish such newsletters in their respective colleges. Even the Sant Gadge Baba Amravati University, Amravati has started publishing their IQAC Newsletter following the success of our college newsletter.

Guidance to publish their newsletter

5. Problems Encountered and Resources Required

Taking into consideration the heavy academic and administrative workload of teachers engaged in the IQAC, meticulous collection of data required for the IQAC Newsletter is a bit time-consuming and tedious. The editing and proof-reading of the newsletter also require special skills and too much time. Sometimes, it becomes difficult to publish the Newsletter in time.

2. Title of the Practice:

“Environmental Air Quality Monitoring of Amravati City” and the Establishment of Continuous Ambient Air Quality Monitoring Station:

1. Objectives of the Practice

- To facilitate the background concentration measurement of air quality.
- To monitor current levels of air quality index.
- To compare the air quality parameters with the standards.
- To identify the sources of pollution and suggest the preventive measures for the same.

- To compare the air quality data from different sampling stations in the city.
- To analyse the collected data to prepare the comparative statement .
- To determine the impact of various criteria pollutants on biotic and abiotic factors in the city.
- To orient the society about the deteriorating air quality and raise their awareness and participation in this regard.

2. The Context

Smart cities are expected to be urban spaces that provide a decent quality of life to their citizens by offering a clean and sustainable environment. For a Smart city, it is necessary to monitor the environmental conditions for identifying the sources of pollution and mitigate them. A network of low-cost air quality monitoring sensor nodes can be deployed to monitor the air-quality and meteorological parameters across the city. The city can take corrective measures and improve its environmental health by getting acquainted with the various sources causing pollution in the city. A holistic view can be derived, which enables the authorities to make data-driven decisions for the infrastructure and policy planning.

3. The Practice:

This best practice is carried out by the department of Environmental Science of the college. The students pursuing the UG and PG studies are involved in this project and get an opportunity to avail the hand-on training of handling the sophisticated instruments used to measure and analyse the criteria pollutants. They also get aware and cautious about the spread of pollution in the city and can work as effective volunteers to control pollution.

The air quality monitoring was conducted with the help of fine dust sampler. Near about the 3 station were selected for this activity in Amravati city. The stations were selected from the industrial area, commercial area and residential area each. The monitoring was done once in a week (On Tuesdays, Thursdays and Saturdays) at all sampling stations. The sampling was done for a period of 24 hours each and was carried out in the intervals of 8 hours to evaluate the RSPM parameters. Likewise, the monitoring was done in the intervals of 4 hours for the NO_x and SO_x. The parameters selected to determine the air quality in these areas are RSPM, NO_x and SO_x. The Gravimetric method was used for the determination of RSPM. A Spectrophotometric Method is used to determine and analyse the oxides of carbon, nitrogen and sulphur in the air.

The reports based on the meticulous analysis are submitted to the Amravati Municipal Corporation. The Municipal Corporation uses this submitted data for preparing Environmental Impact Statement (EIS) of the city. The AMC has highly appreciated the college for this innovative project.

Establishment of Continuous Ambient Air Quality Monitoring Station (CAAQMS):

Taking into consideration the substantial work done by the Department of Environmental Science of the college in propagating environmental consciousness, the Maharashtra Pollution Control Board MPCB requested this college to establish the Ambient Air Quality Monitoring Station in the college campus and accordingly, the college has established- **“Continuous Ambient Air Quality Monitoring Station”** in

collaboration with the Regional Office of the MPCB, Amravati.

The “**Continuous Ambient Air Quality Monitoring Station (CAAQMS)** is a facility to measure the air and meteorological parameters (criteria pollutants) continuously all year round. The measured data is remotely monitored and exported in various formats to the local central authorities. The data is published via the Internet for easy public access to raise awareness on current air pollution levels. This way, the public can prevent outdoor activities and reduce health impacts during heavy polluted days.

Ambient air monitoring is an integral part of an effective air quality management system. Reasons to collect such data include to:

- assess the extent of pollution;
- provide air pollution data to the general public in a timely manner;
- support implementation of air quality goals or standards;
- evaluate the effectiveness of emissions control strategies;
- provide information on air quality trends;
- provide data for the evaluation of air quality models; and
- support research (e.g., long-term studies of the health effects of air pollution).

4. Evidence of Success:

Environmental air quality monitoring helps individuals to avoid or temper the behavior that contribute to environmental degradation as well as sensibly act to contribute significantly to protect and nurture the environment.

The reports based on the meticulous analysis are submitted to the Amravati Municipal Corporation. The Municipal Corporation uses this submitted data for preparing Environmental Impact Statement (EIS) of the city. The AMC has highly appreciated the college for this innovative project.

The hands-on training given to our students and their actual involvement in the data-collection and analysis of the criteria pollutants have benefitted the students to get placed in various organizations. Some of these students have been working as coordinators for the Smart City projects and some work as trainees at various Environment Consultancies. Due to this project, the students of the department of Environmental Science have also got interested in pursuing Ph.D. in the topics related to environmental pollution.

This project has proved to be a great success in creating awareness among the society. The factual data and analysis of the criteria pollutants in the city has helped educate and enlighten the residents about the impending dangers of growing air-pollution and its ill-effects particularly on the human health. Taking into account the considerable work on this issue, the Surgical Association of Amravati, the Cancer Foundation of Amravati and the Gynaecological Association of Amravati have signed MOUs. The doctors associated with these organisations also delivered Guest Lectures on the role of air-pollution in the spread of diseases. Dr. S. P. Ingole, Head of the department has also been appointed as the member of the Regional Committee of the National Green Tribunal as a result of her contribution in this project. She has also been appreciated for her invaluable suggestions for preventing the air pollution in the city.

As the reports are made public, the residents of the Amravati city have become more conscious to prevent

or restrict the environmental pollution for a better and more sustainable life ahead. Some credit for Amravati city's having got secured a respectable place in the list of the cities with the cleanest air in India published by the Central Pollution Control Board on 24 November, 2021 definitely goes to this project of the college.

5. Problems Encountered and Resources Required

Sampling of air is time-taking, complicated and continuous task at the selected sample sites. Many a times, people residing in the sample areas don't cooperate for the required data collection. At times, the work is held-up due to the technical problems that arise on time.

File Description	Document
Link for Best practices in the Institutional web site	View Document

7.3 Institutional Distinctiveness

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

Response:

Shri Shivaji Science College, Amravati comes under Shri Shivaji Education Society, Amravati which is a premier educational institution providing quality education since 1931. It is the second-largest in the state of Maharashtra. The college has been trying at its best to fulfil the aims and objectives of Dr. Panjabrao alias Bhausaheb Deshmukh who established this society especially to quench the thirst of the neglected and the downtrodden. This visionary leader has uplifted the whole of our region by establishing this education hub.

Ours is the first college in the entire S. G. B. Amravati University to have accredited with NAAC in 2001 with A Grade. This college is committed to provide quality education and promote research that will contribute to the continual development of our society. We are celebrating the Golden Jubilee Year of our college and we feel elated and proud to have achieved significant milestones like being identified as 'A' Grade College consecutively three times by NAAC, UGC-CPE, DST-FIST and University Lead College.

The college helps the surrounding community by providing its infrastructure. As the college is situated in the heart of the city, the local community and administration often seek assistance to organize various academic, administrative, cultural and sports events.

This college undertakes quality initiatives within the college, at the society level and also at the University level being the lead college of the university. As research is the basis of all inventions, this college has been taking right initiatives to promote the research activities through 09 Research Centers and 07 P.G. Departments. Even the UG and PG students of the college are assigned certain activities for innovations and research by the respective subject teachers to promote research culture.

National Science Day is celebrated by all the departments of the college by conducting activities to promote science awareness and also to motivate students to involve in innovative experiments. This includes Guest Lectures, Science Exhibitions based on themes and concepts, debates, quiz competitions, Science Model Exhibitions, Essay Competitions, etc. These activities aim to popularise science and technology and also to display activities, efforts and achievements in the field of science for human welfare.

Since its inception, the college has been actively involved in the organisation of various events, camps, workshops, etc. for the school and college students of the region

Since 1981, the college had started organising educational and excursion tours for the students. In the same year, the college had also organised a grand 'Electronic Models Exhibition' for the school and college students of the region and had established 'Vigyan Manch' in the college to inculcate science culture among the students. It was an honour for the college to have 'Vigyan Manch' as the Amravati District Center of the State Institute of Science Education of the state of Maharashtra. The 'Four Day Science Exhibition for School Children' organised by the college in 2004 had received a huge response from schools and colleges all over the region. Since then, the college is known for the propagation of science awareness and inculcation of scientific temper among the society. As a part of this mission, the college, in the recent years, organised Activity-based Teachers' Training Programmes in collaboration with Homi Bhabha Center for Science Education, Mumbai and Asian Association for Biology Education, Mumbai for three years- 2016, 2017, and 2019. Similarly, DST sponsored National-level INSPIRE Camps were organised by the college in the years- 2018 and 2019. To add more, the college organised the District-level 'Avishkar Festival' which is Govt. of Maharashtra's Hon'ble Governor's special festival for innovative and research activities for students.

Taking into consideration the continuous and innovative activities of the college to promote and inculcate science and the scientific temper among the school and college students of the region, Our parent society has established Dr. Panjabrao Deshmukh Science and Innovation Activity Center in this college campus with the assistance of Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra. This centre was inaugurated by the renowned scientist of India Resp. Dr. Anil Kakodkar on 27 December 2019. The entire responsibility of the management and propagation and the efficacious conduction of the various activities to be organized by this centre is shouldered by this college.

The centre allows young & curious kids of rural areas & second-tier cities to use its facility/workshop as an open and free laboratory to explore their crazy ideas and under the guidance of trained teachers experiment on it to make a new discovery. The college has formed a special committee of our dedicated teachers for this. We hope this Science and Innovation Activity Center will be a Landmark for the propagation and inculcation of science and scientific temper among the people in the region.

File Description	Document
Link for appropriate web in the Institutional website	View Document

NAAC

5. CONCLUSION

Additional Information :

- Organization of various activities under National Science Day, Avishkar Festival, Inspire Internship Camps as a regular practice resulted into granting the **Science and Innovation Activity Centre** under the scheme of Rajiv Gandhi Science and Technology Commission, Government of Maharashtra.
- Consistent measurements of 14 parameters of the air quality for the last many years turned into allotment of the **Continuous Ambient Air Quality Monitoring Station** governed by the Maharashtra State Pollution Control Board.
- The college has engraved its name on the "**General Championship Trophy**" at the University level. Being a Science faculty college its creditable on the part of the students of the college.
- The faculty of the college have sponsored 32 Gold Medals and Cash Prizes to felicitate the meritorious students of the college during the Degree Distribution Ceremony of the college.
- Best Teacher, Best Non-teaching Staff, and Best Student Awards are also conferred upon to appreciate the sincere and dedicated work of these stakeholders.

Concluding Remarks :

The vision of Dr Panjabrao Deshmukh, the Founder President of Shri Shivaji Education Society and the First Agriculture Minister of our nation, is being fulfilled by Shri Shivaji Science College by offering quality education to the masses, including the poor and the downtrodden, with solid intent and lucid foresight. The glorious progress of this institution in the last seven decades made it remarkable due to its magnificent achievements. This is the only college assessing its performance in the fourth cycle of NAAC in the entire Sant Gadge Baba Amravati University, Amravati. Hence, we have the advantage of hindsight and plan for the prospects. The recommendations made by the peer team have been implemented successfully by this assessment. These improvisations have benefitted the institute with 85% of the faculty recruited. The college pursued the agencies like UGC, DST, DBT, MoEF, MoYAS, NCSTC, RGSTC, IISER, ISC, etc., for the financial support for TLE strengthening, research and entrepreneurship development.

The college has harvested generous support of the active collaborations and the MoUs to proffer benefits to the students. ICT culture in TLE with high-end facilities in classrooms/laboratories supported by WIFI campus for all the students opens new vistas in technological advances. The innovative set up of the Learning Management System (LMS) in the college has made the teaching-learning process more interesting and more productive. Incorporation of BVoc in Forensic Science, Masters in Mathematics, add-on and value-based courses augmented opportunities for our students. Specialized courses suggested in the previous peer team report like Personality Development and Yoga have been successfully implemented as regular courses. Sports facilities for the faculty research and students have also been intensified with the help of the financial support from the State Sports Department.

In a world harassed with fatal and noxious pandemics due to the upsurge of Corona Virus, Shri Shivaji Science College undoubtedly stands as a harbour of sustainable and enlightening knowledge. The novel pedagogical openings of IPDC provides opportunities for creative teachers to fortify TLE processes and eventual joyful learning experience.

The college provided its Girls' Hostel to the Corona Warriors as a committed social responsibility.

NAAC

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.2	<p>Number of Add on /Certificate programs offered during the last five years</p> <p>1.2.2.1. How many Add on /Certificate programs are offered within the last 5 years. Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>18</td> <td>06</td> <td>01</td> <td>03</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>19</td> <td>26</td> <td>10</td> <td>04</td> <td>03</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	01	18	06	01	03	2020-21	2019-20	2018-19	2017-18	2016-17	19	26	10	04	03
2020-21	2019-20	2018-19	2017-18	2016-17																	
01	18	06	01	03																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
19	26	10	04	03																	
1.4.2	<p>Feedback process of the Institution may be classified as follows:</p> <p>Options:</p> <ol style="list-style-type: none"> 1. Feedback collected, analysed and action taken and feedback available on website 2. Feedback collected, analysed and action has been taken 3. Feedback collected and analysed 4. Feedback collected 5. Feedback not collected <p>Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website Answer After DVV Verification: C. Feedback collected and analysed Remark : The value is updated</p>																				
2.1.1	<p>Average Enrolment percentage (Average of last five years)</p> <p>2.1.1.1. Number of students admitted year-wise during last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>803</td> <td>863</td> <td>796</td> <td>798</td> <td>807</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>751</td> <td>806</td> <td>757</td> <td>768</td> <td>769</td> </tr> </tbody> </table> <p>2.1.1.2. Number of sanctioned seats year wise during last five years Answer before DVV Verification:</p>	2020-21	2019-20	2018-19	2017-18	2016-17	803	863	796	798	807	2020-21	2019-20	2018-19	2017-18	2016-17	751	806	757	768	769
2020-21	2019-20	2018-19	2017-18	2016-17																	
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2020-21	2019-20	2018-19	2017-18	2016-17																	
751	806	757	768	769																	

2020-21	2019-20	2018-19	2017-18	2016-17
887	957	893	869	893

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
793	875	811	787	811

Remark : The values are updated excluding PhD students

2.4.2 Average percentage of full time teachers with 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)

2.4.2.1. Number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
51	56	43	46	48

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
66	61	56	53	52

Remark : As per HEI response

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

2.4.3.1. Total experience of full-time teachers

Answer before DVV Verification : 1405

Answer after DVV Verification: 1404

Remark : The value is updated

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 22

Answer after DVV Verification: 20

Remark : The value is edited

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of courses offered by the Institution across all programs during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>116</td> <td>114</td> <td>112</td> <td>112</td> <td>112</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>580</td> <td>570</td> <td>560</td> <td>560</td> <td>560</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	116	114	112	112	112	2020-21	2019-20	2018-19	2017-18	2016-17	580	570	560	560	560
2020-21	2019-20	2018-19	2017-18	2016-17																	
116	114	112	112	112																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
580	570	560	560	560																	
1.2	<p>Number of programs offered year-wise for last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>28</td> <td>28</td> <td>27</td> <td>27</td> <td>27</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>22</td> <td>21</td> <td>21</td> <td>21</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	28	28	27	27	27	2020-21	2019-20	2018-19	2017-18	2016-17	22	22	21	21	21
2020-21	2019-20	2018-19	2017-18	2016-17																	
28	28	27	27	27																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
22	22	21	21	21																	
2.1	<p>Total number of classrooms and seminar halls</p> <p>Answer before DVV Verification : 22</p> <p>Answer after DVV Verification : 21</p>																				
2.2	<p>Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>91.53</td> <td>223.45</td> <td>285.40</td> <td>193.85</td> <td>232.35</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>87.46</td> <td>201</td> <td>272.11</td> <td>180.62</td> <td>219.2</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	91.53	223.45	285.40	193.85	232.35	2020-21	2019-20	2018-19	2017-18	2016-17	87.46	201	272.11	180.62	219.2
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