SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

RAJARSHEE SHAHU SCIENCE COLLEGE CHANDUR RAILWAY

RAJARSHEE SHAHU SCIENCE COLLEGE VIRUL ROAD CHANDUR RLY DIST
AMRAVATI PIN 444904
444904
www.rssc.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

April 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Atul Vidya Mandir, Wardha, was established in the year 1991 in the memory of Late Atul W. Jagtap. The institution runs Late Sulbhatai Jagtap Madhyamik Vidhyalaya located in Nimgavhan, Tah.- Chandur Rly, Late Atul Jagtap Madhyamik Vidhyalya, Rajarshee Shahu Science and Atul Jagtap Arts Junior College, and Rajarshee Shahu Science College located in Chandur Railway, Dist. Amravati, Maharashtra.

Rajarshee Shahu Science College was established in the year 2008 under able leadership of Late Hon'ble Prof Anna Saheb Jagtap, Prof. Dr. Virendra Jagtap and Prof. Uttaratai Jagtap. The college is 100% grant-in-aid Science College offering undergraduate program (B.Sc.) and is permanently affiliated to the Sant Gadge Baba Amravati University, Amravati.

The college imparts education with a mission responding to the demand of time and needs of the society taking into consideration the socio-economic, political and administrative challenges. Since its inception, the college has been rendering great service to the socially backward and marginalized student in higher education.

At present the college has total strength of 235 students. The college has shown the quantum jump in all dimensions like academics, co-curricular activities and infrastructure. The college has conducive teaching and learning atmosphere, recognized Research Centre in Chemistry, Botany and Zoology. The college also have lush green campus, ethnobotanical garden, Lavatories, Girls Common room, playground, Gymnasium, rain water harvesting tank, solar panel system, Canteen, Vermicompost pit and Atul Shikshak V Shiksheketter Sahkari Pathsanstha.

Institution has successfully completed the first cycle of NAAC accreditation and assessment in 2017 and achieved 2.51 CGPA with B+ Grade. The college is included in section 2(f) and 12B of the UGC Act 1956. The college is certified by ISO 9001:2015 is another indicator of the institution's commitment to quality management and continuous improvement. Institute continuously participated in NIRF and AISHE.

Vision

To create brilliancy in science for comprehensive social development adaptable to global competency and to enhance and upgrade the socially deprived and marginalized students with the tool of education which inculcates social, moral ethical values among all strata of rural students.

Mission

- To provide skills based education to the students.

- To make aware the students about environmental consciousness.
- To make the students compatible to fulfil the social needs.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Knowledgeable and helpful management.
2. Excellent Physical facilities with lush green campus.
3. ICT enable Class room, Wi-Fi facilities with Broadband connection
4. Recognition of 2f and 12B status of UGC and permanently affiliated with Sant Gadge Baba Amravati University Amravati.
5. Well qualified, experienced, devoted and knowledgeable faculty.
6. MoUs and active collaborations with the institution.
7. University recognised research centre in subjects Chemistry, Botany and Zoology.
8. Support for life skill and value-based education.
9. Two faculty members awarded with patents.
10. Extension activities and Outreach programs carried out by NSS and SIGNature
11. A strong Mentor-Mentee relationship.
12. Students excellence in various competition specially *Abhirup Yuva Sansad National Movement and Competition*, Seminars and *Avishkar.*
13. Extraordinary achievement in sports and cultural activities

Institutional Weakness

1. Students with ordinary academic standing apply.
2. Lack of financial assistance for the research.
3. There is no other source of finance for infrastructural development.
4. Geographical disadvantage for strengthening links between academia and industry.

Institutional Opportunity

1. To start Post Graduates programmes.
2. To start NCC unit.
3. To serve Society with ease and uplift social and economical standard that will help in nation building.
4. Obtaining recognition from funding agency for research project
5. To introduce interdisciplinary and Skill based certificate courses to increased job opportunities .

Institutional Challenge

1. To bridge the gap between curriculum and industry requirement for the placement of the students.
2. Implementation of CBCS pattern as per NEP-2020
3. Expecting students with good percentage at the entry level to achieve the excellence in academics.
4. Obtaining grants from government and non government agencies for research project.

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. Institute has devised its own mechanisms for the effective implementation and delivery of the curriculum with strict adherence to the University Academic Calendar. At the beginning of the Academic session college prepare the Academic Calendar and time table accordance with the University Academic Calendar. Teachers plan the curriculum prescribed by the university at micro level in each semester. For Robust Curriculum Delivery teachers use ICT tools, assignments, Projects, Presentation, need based survey Programs, Group Discussion, field visit and educational excursion etc. IQAC ensures effective curriculum delivery through a designed mechanism. To encourage participative and collaborative learning, opportunities were provided to the student through clubs and society where students learn life skills, develop competence and positive behaviors.

Students are encouraged to participate in workshops, seminars and other various academic and research events organized in and outside the campus that help them expand their intellectual horizon and develop the confidence. Numbers of program are organized to gain a better understanding of the issues relevant to professional ethics, gender, human values, environment and sustainability and develop skills to address them in their personal and professional lives.

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

The important documents like Time table, Teachers Academic Diary, Micro teaching plan, Result Analysis and Mentor-Mentee records and students' feedback on curriculum are typically maintained for curriculum delivery. By maintaining these documents, institution ensures that curriculum delivery is organized, efficient and effective. It also helps teachers to track their progress and make improvements to their teaching practices.

Teaching-learning and Evaluation

The college offers only B.Sc. programme with clearly stated and well defined Programme Outcomes (POs) and Course Outcomes (Cos). COs and POs are displayed on the website. The maximum number of students that our institution can admit to a B.Sc. program per year is 120 and 10% more of intake capacity are permissible after the initial capacity has been reached.

Admission mechanisms are designed to ensure the fairness and transparency in the admission process. The institution follows the open admission mechanism, where any student who meets the minimum requirement is admitted to the program. Also follows the reservation policies that enshrined in the state government GR. The COVID-19 pandemic has had a significant impact on the admissions that reflects in the admission strength of last two years. The enrolment percentage of the students for the assessment period is 86.38 and percentage of seats filled against seats reserved for various categories is 75.58. In the last session of the assessment period i.e.2021-22, the ratio of student-full time teacher is 279:16 (17:01) and the percentage of full- time teachers with *NET/SET/ Ph.D. is 100%.*

To enhance learning experiences of the students, teachers use other student centric methods of teaching like seminars, quiz, group discussion, poster presentation, industrial visit, educational tour, arrange guest lecture, Hands on training, workshops, project work, computer-assisted, experiment, software based, ICT based etc. During COVID-19 pandemic situation, the college succeeded in engaging the students by leveraging technology and creativity to provide high-quality education in an online mode of learning.

College has Continuous Evaluation Committee which monitors and conducts college examinations. The students are made aware about the internal and external assessment mechanism, mark system and grievances and redressal system to maintain the transparency in the assessment process. The institute has a system in place for measuring the level of attainment of course outcome and program outcome. The pass percentage of students during last five year is 78.66. Institution conducts online students satisfaction survey on teaching and learning that helps to make improvement in the areas that need attention.

Research, Innovations and Extension

Institution has it well- defined research promotion policy for faculty and students. Teachers are engaged in research but no teacher has applied for research project grants to any governmental/ non-governmental agencies. Faculty members participated in National and International conference, seminar, workshop, research convention 'AVISHKAR' and faculty development program. Faculty has good amount of research publications to their credit in repute national and international journals. In total 68 papers are published in national and international journals and out of it 35 are in UGC care listed journal. Out of the seven published books, six contain chapters written by teachers, while one book features a teacher on the editorial board.

Six faculty members received recognition as Ph.D. supervisor and the laboratories of three departments, department of Botany, Chemistry and Zoology are recognized as research centre by the affiliating university to carryout Ph.D. work. One student is admitted for Ph.D. program in the department of chemistry. Out of fifteen teachers 11 are Ph.D. and four teachers have admitted for Ph.D. program. Also one office staff member have registered for Ph.D. program. Two faculty members, for their quality innovative research, granted National and International Patent.

To ensure that teachers remain up-to-date with the latest knowledge and skills, the institution organizes annual

workshops on various topics, including Intellectual Property Rights (IPR), Research Methodology, and Teaching Methodology.

The institution places emphasis on fostering a culture of research among its students. A large number of students actively participated in the annual National Science Day event hosted by the institution. They showcase their innovative research ideas in the 'AVISHKAR' convention, as well as engage in science-based seminar competitions and workshops held both within and beyond the campus.

The institution engages in extension activities within the local community, aimed at raising student awareness of social issues and promoting their overall development. These activities have a positive impact on both the students and the community at large.

The institution has established MOUs with academic institutes, resulting in the implementation of 13 collaborative activities that benefited both the students and the wider community.

Infrastructure and Learning Resources

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Student Support and Progression

The institution is dedicated to ensuring clean and transparent governance and has formulated policies that support student progression. The institution has published a prospectus that reflects all admission policies and details of the institution, making the process clear and accessible to all. Approximately 65% of students received GOI scholarships and other concessions from both state and central government sources.

The college has taken significant initiative in building the capacity and enhancing the skills of its students through various programs. The institution has a Career Guidance and Placement Cell, which collaborates with Career Katta to organize lectures by eminent personalities in relevant fields for students. A considerable number of students have benefitted from these programs. The percentage of students who benefited from guidance for competitive examinations and career counseling offered by the institution during the last five years is 39.48 %.

The institution is taking a holistic approach towards capacity building and skills enhancement of the students that will be useful in their personal and professional lives. Various activities are undertaken to develop different skills like communication, team building, leadership, language and communication skills, Life skills such as Yoga, physical fitness, health and hygiene and ICT/computing skills.

The institution has appropriate committees, including the Anti-Ragging Committee, Internal Complaints Committee, and Grievance Redressal Cell, to ensure timely redressal of student grievances. The college administration creates awareness among students, faculty, and staff about the institution's policies with zero tolerance for sexual harassment and ragging. No significant grievances are reported in last five year in our campus.

Institution helps and motivates students for higher education to achieve their academic and career goals. The percentage of placement of outgoing students and students progressing to higher education during the last five years is 34.58%. "Percentage of students qualifying in state/national/ international level examinations during the last five years is 3.18%. A large number of students has actively participated in sports and cultural events organized both within and outside the campus. College has register alumni which contributes to social activities for welfare of the society through Donations and physical services.

Governance, Leadership and Management

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Institutional Values and Best Practices

Equal opportunity is given to the students to participate in all the events conducted in our institution. In order to maintain safety and security to the girl students and women employee, Internal Complaint Committee has been constituted as per UGC guidelines. It has a policy against sexual harassment. Initiatives have been undertaken to promote gender sensitization program through its action plan. The institute has policy and conducted the Gender audit. 19 CCTV cameras are installed for security and Washroom facilities are available in college campus.

The institute has the facility of solar panel for alternate source of energy and rain water harvesting system for water conservation. Green initiatives taken by making green and plastic free campus. From last three years the college conducts Energy,Green and Environment audits.

The institute takes the efforts by providing them inclusive environment for promotion of cultural harmony in the students and undertaken initiatives to promote the values, duties and responsibilities in students and faculty regarding social justice, communal harmony and respecting humanity in general.

Every year college read the preamble of Constitution of India to sensitize the students to constitutional obligations. To inculcate the values among the students fraternity College organizes the competitions on great personality. The college conducts the prominent events like Kargil Vijay Diwas and Pledge on National Integration Day. Social and outreach program conducts regularly.

The vision and mission of the institute reflects into the best practices run by the institute. The institute has conducted two best practices *Environment Awareness Program* and *Science for Life*.

The peculiar and distinctive feature of the institute is to create students leadership in all strata of society. Excellence in various activity specially in **Abhirup Yuva Sansad National Movement and Competition , Seminars and various research competitions lead college students towards the national leadership.**

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	RAJARSHEE SHAHU SCIENCE COLLEGE CHANDUR RAILWAY
Address	Rajarshee Shahu Science College Virul Road Chandur Rly Dist Amravati Pin 444904
City	Chandur Railway
State	Maharashtra
Pin	444904
Website	www.rssc.edu.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal(in-charge)	Mahesh P. Chikhale	07222-254111	9767664578	-	mahesh.chikhale@rssc.edu.in
IQAC / CIQA coordinator	Minal J. Keche	-	9423125400	-	coordinator.iqac@rssc.edu.in

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Maharashtra	Sant Gadge Baba Amravati University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	05-03-2013	[View Document](#)
12B of UGC	29-05-2018	[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				

Recognitions

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

Location and Area of Campus

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Rajarshee Shahu Science College Virul Road Chandur Rly Dist Amravati Pin 444904	Rural	1.734147	2305.18

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	45	36
UG	BSc,Computer Science	36	HSSC	English	40	41
UG	BSc,Chemistry	36	HSSC	English	75	48
UG	BSc,Electronics	36	HSSC	English	25	25
UG	BSc,Mathematics	36	HSSC	English	50	28
UG	BSc,Physics	36	HSSC	English	75	53
UG	BSc,Zoology	36	HSSC	English	45	36
Doctoral (Ph.D)	PhD or DPhil,Botany	24	MSC	English	2	0
Doctoral (Ph.D)	PhD or DPhil,Chemistry	24	MSC	English	5	0
Doctoral (Ph.D)	PhD or DPhil,Zoology	24	MSc	English	4	0

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				0				1				19
Recruited	0	0	0	0	0	0	0	0	10	5	0	15
Yet to Recruit				0				1				4
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				4
Recruited	0	0	0	0	0	0	0	0	0	2	0	2
Yet to Recruit				0				0				2

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				17
Recruited	11	1	0	12
Yet to Recruit				5
Sanctioned by the Management/Society or Other Authorized Bodies				3
Recruited	0	0	0	0
Yet to Recruit				3

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

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	2	1	0	5	3	0	11
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	2	1	0	3
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	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	2	0	2
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	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	Others	Total
	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	83	0	0	0	83
	Female	152	0	0	0	152
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	1	0	0	0	1
	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

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	8	3	7	16
	Female	7	13	17	13
	Others	0	0	0	0
ST	Male	0	1	1	1
	Female	1	3	1	2
	Others	0	0	0	0
OBC	Male	15	10	13	28
	Female	30	39	76	39
	Others	0	0	0	0
General	Male	3	2	1	5
	Female	4	4	3	9
	Others	0	0	0	0
Others	Male	4	2	4	6
	Female	3	9	9	9
	Others	0	0	0	0
Total		75	86	132	128

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The National Education Policy (NEP) objective is to create in learners a deep sense of pride in being Indian, not just in idea but also in spirit, intellect, and acts, as well as to help them acquire the information, skills, attitudes, and dispositions that go along with that pride. The institution believes that the commitment to human rights, sustainable development and living, and global well-being, thereby reflecting a truly global citizen. The Institute is affiliated to Sant Gadge Baba Amravati University, Amravati where in Academic programmes are redesigned to include Multidisciplinary /Interdisciplinary courses as electives and institute will be start offering these electives to students.

	Institution will be planning to conduct survey in local area to explore the likening and demand of regional students to give rise to multidisciplinary and interdisciplinary curriculum. Thus, institution framed a committee that is responsible to implement the NEP-based curriculum in line with the national vision across the entire programme it offers. The institution offers PhD programmes with adequate research facilities in major science subjects. The faculty and research students will be encouraged undertaking interdisciplinary and multidisciplinary research projects. The college runs the activities that are interdisciplinary and multidisciplinary, such as biodiversity conservation, Solar Energy, Mushroom Culture etc. All these activities have a blend of two or more subjects, Chemistry, Physics, Zoology, Computer Science, Mathematics and Electronics. Additionally, our students participate in community outreach initiatives such as organizing health awareness programs, on various diseases like AIDS, Cancer, personal hygiene etc. were conducted in neighborhood villages. It can be said that the Institute is proactively working towards implementation of the suggestions given in the NEP Guidelines.
2. Academic bank of credits (ABC):	A crucial part of the NEP-2020 that academic institutions must adopt is academic bank of credits. Being affiliated to Sant Gadge Baba Amravati University, Amravati, Our College is bound to follow the courses, syllabi and other rules & regulations of the affiliating University. Due to the implementation of National Education Policy, affiliated universities have already taken the initiative to introduce competence-based systems at the undergraduate level. A committee will be formed in the college to introduce the students the Academic Bank of Credit. We are in process to implement online courses through National schemes like SWAYAM, NPTEL, Coursera, etc for our students and considering for credits earned against elective courses.
3. Skill development:	For the UG programme, the affiliating university took the initiative to design a learning outcome-based curriculum structure that is in line with NEP's goals for promoting high-quality education. The mission of the college is to provide skills-based education to the students. Hence the college takes efforts to inculcate positivity among the learners. The college has started arranging skill development programs for the

	students of different faculties as per their need. Workshops and seminars were held to support the program's promotion of vocational education. Workshop on soft skill for professional development, workshop on skill development and hand holding through fashion designing, three days' workshop was organized on Nursery techniques and Management, Workshop on Laser and its Application. The students from B.Sc. III of stream did registration to "LifeSkill Training Programme 21-22. This initiative is supported by Barclays. Under this program, students will be trained by Corporate Trainers to enhance their Life skills which would help them significantly to increase their chance of succeeding in a job interview. Our Institute organized activities like Human Rights, Voter Awareness, Environment Problems, Gender Sensitization, Yoga and Meditation to promote value-based education and optimism among the students. An annual magazine 'SANKALP' provides a platform for students to express themselves and share their thoughts, creativity, opinions, and perspectives. This can help them to improve critical thinking skills, writing skills and build confidence in their abilities. The sports department play an important role in supporting students in their career aspirations by providing opportunities, resources, and support related to sports and related fields. Students are trained to participate in various sports competition at University, State and National Level. Also, the sports department play an important role in developing leadership skill. Peer teaching helps students to develop a range of skills that are valuable for academic and personal success. Peer teaching help students develop their teamwork, problem-solving, conflict resolution skills, verbal and nonverbal communication skills, develop self-awareness and become more effective learners. NSD celebration and conduction of an activity like "SHANIWARI VIDNYANWARI" help students become more proficient in the scientific method and gain a better understanding of scientific concepts.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The National Education Policy 2020 envisions an educational system fashioned on the lines of India's profuse linguistic, cultural and artistic heritage. The promotion of Indian arts and culture is seen very important which would not only develop a strong sense of identity and aesthetic outlook but also

	enhances creative and cognitive skills among the students. The Cultural Committee of our College, strives to celebrate the cultural diversity in the college by organizing Various competitions, events, activities, programs and Days like, annual function Tarangani, Women's Day, Garba Event etc. College organized essay competition for students in Marathi language. Every year college magazine 'Sankalp' is released. Students express their local life experiences and aspirations through the college magazine through writing created by them. India is having very big and significant history of ancient literature. Mahanubhav Panth and its scripts created by Lord Chakradhar Swami is one of these. To make students and citizens familiar with this Pantha and its literature which is having the history of more than 700 year ago, the college has organized one day workshop on 'Prachin Sanhita Wachan (Ancient Code Reading) and Information & Photo Exhibition in collaboration with Sant Gadge Baba Amravati University's Mahanubhav Adhyasana. In order to enhance local knowledge and culture, several components of the curricula for subjects like English, Marathi, and Botany are based on traditional and ancient aspects.
5. Focus on Outcome based education (OBE):	NEP's new model, called STEAM, focuses on experiential, application-based learning and research-based internships. Faculty members are encouraged to conduct high-quality results-oriented research to generate intellectual property (patents and copyrights). Students are encouraged to explore the practical aspects of learning and foster student innovation by participating in various science fairs, innovations, competitions, and more. Program Outcomes (PO), Program Specific Outcomes (PSO), and Course Outcomes (CO) are designed by the university and adhere to NEP guidelines. The institute has been taking efforts for program outcome, program specific outcome and course outcome.
6. Distance education/online education:	College used earlier well established online platform, Google Workspace (Google meet, Google form, Google Chat, G-mail, Google Classroom, Google Doc, Jam board etc.) to run all academic activities including teaching-learning, evaluation and also many co-curricular, extra-curricular and extension activities in the pandemic situation for the entire academic year. Conference (1) workshops (5) webinars (3) and meetings of various committees

(24) were also conducted on the same platform. All these activities were successfully run and the loss caused to the education process by the pandemic is mostly compensated by this online platform. All the students, teachers and other staff members have their activated institutional email addresses. Google form is used for Evaluation of Internal assessment as well as collecting feedback and issuing of E -certificate. Faculties participated in Faculty development programme, Induction programme, E-conferences, conducted by SWAYAM/MOOC/NPTL.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Electoral Literacy Club is set up in Rajarshee Shahu Science College, Chandur Railway, Dist. Amravati with the Primary objective of sensitizing the student community about democratic rights which includes casting votes in elections. We conduct mock polling activities to give the experience-based learning of the democratic set up. We also conduct mock parliaments, elocution, essay writing and other programs which create awareness regarding electoral procedures.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	The Institution has ELC Functional with office bareres. S No. Name Designation Functional Role 1. Dr. S.S.Padhen Asst. Professor ELC Coordinator 2. Mr. Shantanu M Kakade B.Sc. III Year Student Student Representative 3. Ms. Prapti Praful Wankhade B.Sc. III Year Student Student Representative 4 Mr. Vijay Meshram B.Sc. II Year Student Student Representative 5. Mr. Nagsen Athawale B.Sc. I Year Student Student Representative
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior	Activities done by the ELC of College 1) Our students participate in Voter Awareness Campaigns aimed in educating the public in the nearby villages. 2) To create awareness and interest among faculties and students through workshops. 3) To educate the targeted populations about voter registration, electoral process and related matters through hands on experience

citizens, etc.	
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	The ELC takes initiatives that are socially relevant to electoral related issues especially awareness drives through Street Play highlighting their contribution to advancing democratic values and participation in electoral processes. 1. To help the target audience understand the value of their vote to ensure that they exercise their suffrage right in a confident, comfortable and ethicalmanner 2. To develop a culture of electoral participation and maximize the informed and ethical voting and follow the principle 'Every vote count's and 'No Voter to be Left Behind'.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The students above 18 years who are to be enrolled as voters are sensitized about democratic rights which include casting votes in elections. We conduct mock polling activity to give the experience-based learning of the democratic setup. We also conduct mock parliaments, elocution, essay writing and other programmes which create an awareness regarding electoral procedures.

23-06-2023 12:12:23

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
279	297	318	300	298

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2 Teachers

2.1

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

Response: 16

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
16	16	16	10	10

3 Institution

3.1

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

2021-22	2020-21	2019-20	2018-19	2017-18
55.83	9.6763	26.883	22.2777	28.995

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

Our college follows the curriculum of the affiliating university. The college ensures effective curriculum delivery and its completion through systematic and strategic transparent mechanism.

Planning:

- At the beginning of the every academic session concern committee with suggestions of all HOD's, prepares college academic calendar in harmonious with the university academic calendar.
- Approved academic calendar is communicated to all teachers and same is uploaded on the college website for student's information.
- Time-Table committee prepares a teaching time-table as per the teaching workload provided by the heads of the departments and communicates it to all HODS for further departmental planning.
- Heads of the departments convene a meeting with the departmental faculty members for preparation of departmental time-table and syllabus distribution. HOD allocates the units to the faculty members based on their choice of expertise and experience.
- For the students' convenience, all departments display time-table on the departmental notice boards.
- All teachers write well-structured course plan on the academic diary and submit it to the IQAC for its approval before implementation.
- At the end of every academic session Principal sends a notice to all Heads of the departments to prepare and submit budget requirement for reference books, laboratory chemicals and equipments and other materials necessary for curriculum implementation for next academic session. Budgets are further discussed in CDC for its approval.

Curriculum Delivery and Review:

- A comprehensive planed course which includes lectures, tutorials and practicals is delivered by every teacher through various classroom activities and activities outside the four walls of the classroom such as bridge courses, informing about PO & CO, chalk and talk, ICT tools, Peer teaching, guest lectures, PPTs, projects, seminars, field visits, industrial and institutional visits, excursions, laboratory experiments etc.
- Students are identified as slow learners and advanced learners on the basis of their previous score and the tests conducted by the subject teachers. The teachers carry out necessary activities to cater to the different needs of these learners. Remedial coaching is given to slow learners for their academicals enhancement while advanced learners are motivated to participate in collegiate and intercollegiate competitions like seminar competition, Avishkar etc. Also students are motivated for optimal utilization of the library.

- The effectiveness of planned curriculum implementation is reviewed by HODs in regular review meetings at departmental level.
- IQAC conducts meeting on course completion in every semester.
- Internal academic audit is conducted and any discrepancies identified are communicated to the teacher for improvement.

Performance evaluation of students

- Effectiveness of curriculum delivery is measured through students' performance in internal test like class test, Unit test and common test, seminar presentations, group discussions, laboratory experiment and University examinations.
- During COVID-19 Pandemic situation, curriculum delivery and students performance evaluation is done through online mode using Google Suit (Google Meet and Google Classroom).

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 4

File Description	Document
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Evidence of course completion, like course completion certificate etc. Apart from the above:	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Other Upload Files	
1	[View Document](#)

1.2.2 *Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years*

Response: 4.29

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
39	16	0	0	9

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

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

Response:

The institution runs B.Sc. program only and follows the syllabus designed by the affiliating university that limits the assimilations of said crosscutting issues from the courses. Beside these limitations the institute has left no stone untouched to make students understand the issues relevant to professional ethics, gender, human values, environment and sustainability through various activities.

Human values & Professional Ethics:

One week Induction programme related to values and ethics is an integral part of the curriculum of the first year. College celebrates days of National and International importance as Republic day, Women's day, Independence Day, Teacher`s day, Human Right, International Yoga Day, Constitution Day, birth anniversaries of the social reformers etc. These celebrations nurture the moral, ethical and social values in the students.

Institution also organises

- Blood Donation Camp, Eye checkup camp, Workshops and guest lectures.

- Visits at old age home centre and deaf and dumb school for donation of grocery, fruits and voluntary physical service.
- Social and cultural activities in NSS adopted village.

Professional ethical practices such as truthful information, facts, accountability, honesty, confidentiality and unprejudiced approach are taught through self governance on Teachers' Day, participation in Mock Parliament " Abhirup Yuva Sansad" organized by Yuvak Biradari Mumbai (Bharat) and Students' representation in different committees.

Career Guidance and Placement Cell organized motivational and career oriented guiding lecture including personality development training programs to make students more competent and confident.

Gender Sensitivity:

The institute runs co-education system developing equal opportunities for both male and female. Both girls and boys carry out combine group projects; participate in sports and cultural events and other curricular and co-curricular activities.

In order to foster behavior avoiding discrimination by developing understanding and mutual respect regardless of their gender, our institute organized programs as:

- **Celebrates "Women's Day"**
- Self-Defense training, guiding lecture for empowerment of girl students.
- National Webinar on 'Women Safety at Workplace'.
- As per the directives of Maharashtra State Commission for Women, Internal Complaint Cell has been constituted for Redressal of complaints about sexual harassment. The Internal Complaint Cell is involved in prevention, prohibition and redressal of the complaints regarding sexual harassment of women employee and students.

Environment and Sustainability :

The awareness of environment sustainability and its importance for survival of present & future generation is imbibed in our students through various practices in the college.

The compulsory course on 'Environmental Study' for second year is an integral part of the curriculum designed by the affiliating university.

Solar power plant and Rain water harvesting system is installed in the campus.

SIGNature Club, NSS unit and other departments of our college organized programs to develop sensibility in the students towards environmental sustainability like-

Celebration of World water day, Ozone Day, International Forest day etc.

Tree plantation drive in and outside the campus, Swacch Bharat Abhiyan and Street Plays on the issues of Environment

Campaigning of plastic eradication, Herbal Holy, environmental hazard free Ganesh Idol preparation and its immersion.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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

Response: 46.24

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

Response: 129

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1 *Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website*

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 86.38

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2021-22	2020-21	2019-20	2018-19	2017-18
75	86	132	128	118

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

2021-22	2020-21	2019-20	2018-19	2017-18
120	120	132	132	120

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)

2.1.2 *Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years*

Response: 75.58

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

2021-22	2020-21	2019-20	2018-19	2017-18
45	53	57	58	47

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

2021-22	2020-21	2019-20	2018-19	2017-18
66	66	73	73	66

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)

2.2 Student Teacher Ratio

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

Response: 17.44

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The teachers of our institution facilitate learning by allowing each individual student to comprehend at their personal level by ensuring their involvement in class activities so that they can absorb and grasp information at their own pace. To enhance their learning experiences, apart from conventional chalk-talk method, teachers use other student centric methods discussed below.

1. **Experiential learning:** 'Learning by doing' is the most effective method of learning.

- Laboratory method is used in science subjects to acquaint the students with the facts through direct experience individually. Students verify the facts and laws of the subject with the help of experiments.

- Departments organize field visits, industrial visits, visit to scientific and educational places for students to provide exposure to the factual things and to develop scientific approach and understanding.
- Projects are one of the important components of the internal assessment which helps students acquire experiential learning.
- Students explore their talent by creating innovative scientific projects for inter-university research project competition 'AVISHKAR'.
- Students prepare Herbarium for instant referrals in taxonomical studies.
- Biological models are prepared by the students to study structure and function of different cell organism.

1. **Participative Learning:**

Teachers conduct student's seminar, group discussion, peer teaching, and debate etc. to help them to learn different skills. Students are encouraged to participate in collegiate and intercollegiate competitions and other activities where they can use their specialized technical or management skills. Also, guest lecture of teachers expert in the particular area are arranged for students.

1. **Problem Solving Methodologies**:

Students are assigned mathematical problems, puzzle, conduct open book test, circuits for fault findings and correcting, charts for labeling, incomplete physical and chemical equations to complete, combining two or more concepts, etc. brain storming problem solving methodologies are used to enhance learning experiences of the students.

ICT enabled tools for effective teaching-learning process:

ICT tools empower both teachers and learners. They transform the teaching and learning processes from being highly teacher-dominated to becoming student-centric and this transformation results in increased learning gains for students.

Besides the chalk and talk method of teaching, the college makes intensive use of ICT tools such as LCD projectors, Wi-Fi connectivity, Power Point presentations developed by teachers, Video clippings, video demonstrations from online sources like You Tube, providing reading materials and lab manuals through emails and social networking like whatsApp. Teachers of chemistry department use software like *Chemdraw* for effective teaching. Physics department use virtual lab of Amrita University to explain laboratory experiments. Mathematics department use Equation editor in seminar script presentation and projects. Students and teachers access e-learning resources like e-journals, e-Books, articles, video lectures etc.

During COVID-19 Pandemic situations entire teaching-learning and evaluation process was done in an online mode. The institution used Google Suit applications like Google Meet, Google

Classroom, Google Forms, Google Doc and Google Drive etc. for teaching, sharing study materials, assigning and collecting all internal assessment related material, conducting college examinations like unit test, class test, common test and University examinations.

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

2.4 Teacher Profile and Quality

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

Response: 68

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

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

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	**View Document**

2.4.2 *Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)*

Response: 100

2.4.2.1 **Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
16	16	16	10	10

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institution data in the prescribed format	[View Document](#)
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awaeded by UGC recognized universities	[View Document](#)

2.5 Evaluation Process and Reforms

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

Response:

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. The students are made aware about the internal and external assessment mechanism in detail and mark system laid down by the university is displayed on the departmental notice board for students' information.

The internal evaluation of students done by the respective teachers are on the basis of 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 and performance in laboratory practicals. College Examination Committee conducts 'Common Test' for all courses as per university examination paper pattern. Internal and external assessment of the students is done per semester i.e. twice in a year. 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.

To ensure transparency in the assessment process, internal assessment marks are displayed on the notice boards by the departments.

The College has mechanism to deal with the grievances related to it.

Internal Assessment:

Immediately, after the class test, unit test, the marking scheme is discussed with the students. The students can see evaluated answer sheets and faculty undertakes individual grievances if reported by the students. If any discrepancies are reported by the students, then they are resolved by the faculty and revised marks signed by HOD are displayed on the notice board for transparency.

Faculty evaluates assignments and projects based on the rubric which is also shared with the students. The students can see the evaluated assignments and projects to maintaining the transparency of the marks assigned and to resolve grievances if any.

Lab experiments:

The experiments performed in lab by the student are evaluated by the faculty based on the lab rubric designed by the faculty. Grievances reported are immediately resolved.

Online Assessment:

During COVID-19 Pandemic situation all examinations and submissions are taken in Google classroom using Google forms. The students can directly see the marks and the correct answers immediately after examinations are submitted. They were advised to post grievances on the Google classroom or on WhatsApp. Grievances reported are resolved within a week.

External examinations *(examinations conducted by the University):*

As far as the grievances related to the external examinations *are* concerned, there is a   separate mechanism of grievance redressal laid down by the university. Students having grievances in a particular subject are guided by the concern departmental teachers the redressal mechanism of the university.

File Description	Document
Provide Link for Additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

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

Response:

Quality education is prime concern of the institution. Outcome-based education is the only measure of quality education. The college offers only B.Sc. programme with clearly stated and well defined Programme Outcomes (POs) and Course Outcomes (Cos).

- Graduate attributes are described to the first year students at the commencement of the programme through Induction program.
- Programme and course outcomes are discussed in departmental meetings.
- At least two initial periods are spent by the teachers for introducing the subject to the Students.
- Course outcomes are communicated during curriculum delivery.
- Learning outcomes of the Programs and Courses are observed and measured periodically by the teachers.
- Soft Copy of POs, PSOs and COs are uploaded on the Institution website for reference.
- The students are also communicated about the Course outcomes during syllabus delivery.
- Along with POs, PSOs and Cos, college includes crosscutting issues for environmental and Societal Consciousness, Ethics and Human values.
- From the current session 2022-23 the affiliating University introduced a CBCS system to widen the teaching and learning activities and to strengthen the outcome based education. In CBCS, students have compulsion to opt a skill based course along with regular course to reinforce the desirable outcome. As a part of introduction, the faculty was trained by the University by conducting a workshop. In the training, the faculty was oriented to focus on the students' attainment in higher order learning to develop various skills. The changed syllabus for the B.Sc. first year has well defined POs and COs which are communicated to the students in the class and are uploaded on the college website for reference. CBCS enriches the courses offered in each programme, equips the teachers with knowledge and skill, and, empowers the learners with attainable outcomes of the programme. It develops the optimistic attitude in the learners towards vertical development in their future endeavours.

File Description	Document
Upload Additional information	[View Document](#)

2.6.2 *Attainment of POs and COs are evaluated.* **Explain with evidence in a maximum of 500 words**

Response:

The attainment of POs and CO is typically evaluated through a variety of assessment methods, including assignments, exams, presentations, group projects, and other forms of student work. These assessments are designed to measure the extent to which students have achieved the learning objectives outlined in the course.

The Institution has a system in place for measuring the levels of attainment of course outcomes and programme outcomes.

- The course outcomes are measured through completion of syllabus, continuous evaluation (internal evaluation), results of college internal examinations such as unit test common test etc.
- The continuous evaluation is done through oral/written tests, quizzes, written assignments, seminars and so on.
- The end semester examination of every course which is based on written examination conducted by

- the affiliating university.
- At the Undergraduate levels, the attainment of programme outcomes is measured through students' progress to higher studies.
- The feedback system of different stakeholders helps to measure and reckon the attainment of the programme outcomes. The student feedback system provides information pertaining to the relevance of the course, availability of the course material, and course's importance in terms of employability which helps the Institution measures its learning outcomes.
- The Institution has also utilized student satisfaction survey developed by NAAC for measuring the attainment level of course, and programme outcomes.

Evidence of attainment of course outcomes comes from several sources, including:

- **Assessment results:** Assessments, such as tests, university exams, laboratory practicals, seminars, projects are commonly used to measure students' understanding of course material and their ability to apply it. These results can provide evidence of whether students have achieved the intended learning outcomes.
- **Progression to higher education:** Outgoing students seek admission to higher education in the university campus and other reputed institutions.
- **Assignment quality:** Assignments can also provide evidence of students' attainment of course outcomes. High-quality assignments demonstrate a student's ability to think critically, analyze information, and apply concepts learned in the course.
- **Feedback:** Teachers often provide feedback to students on their work, which can serve as evidence of attainment of course outcomes. For example, if an instructor praises a student for their ability to apply concepts learned in class, this is evidence that the student has achieved a particular learning outcome.
- **Peer evaluations:** Peer evaluations, where students evaluate each other's work, can also provide evidence of attainment of course outcomes. For example, if a student's peers praise their ability to work collaboratively or communicate effectively, this is evidence that the student has achieved these particular learning outcomes.
- **Class participation:** Instructors may also evaluate students' class participation as evidence of attainment of course outcomes. For example, if a student consistently contributes to class discussions and demonstrates a deep understanding of the course material, this is evidence that they have achieved certain learning outcomes related to critical thinking.

Evidence of attainment helps educational institutions to ensure that students are meeting the intended learning objectives of a particular course.

File Description	Document
Upload Additional information	[View Document](#)

2.6.3 Pass percentage of Students during last five years (excluding backlog students)

Response: 78.66

2.6.3.1 **Number of final year students who passed the university examination year wise during the**

last five years

2021-22	2020-21	2019-20	2018-19	2017-18
101	88	90	34	63

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

2021-22	2020-21	2019-20	2018-19	2017-18
119	89	91	76	103

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	[View Document](#)
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.62

File Description	Document
Upload database of all students on roll as per data template	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

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

Response: 0

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

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

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness   about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

Institution is always taking an effort for the promotion and creation of innovation.

1) **Promoting Innovation:**

Students are encouraged to present their innovative projects/ working models and posters on the eve of 'National Science Day' organized every year in the college. Students from other schools and colleges are also invited to participate in this contest. Students and teachers are encouraged to participate in research convene 'AVISHKAR' organized at different levels, college, university and state level. The contest can be witnessed from their participation and the winning prizes.

Many departments practice display of current research articles/innovative information in their subjects on the departmental display boards. Faculty are encouraged and provided a financial support to guide the students to undertake a research project.

2) **Awarness about the IPR**

In order to inculcate the spriit of creativity and innovation to students of higher education and ignite and inspire the students and faculty to innovate and protect their creation, time to time IPR awarness program/ Workshop was organized by the institution.

1) One Day University Workshop on 'IPR and PBAS' (2017-2018)

2) One Day E-Workshop on 'Intellectual Property Right on Unveiling Intellectual Property Right'. (2019-2020).

3) One Day Online workshop on 'Patenting Transformational Research Finding and IPR and Plagiarism.' (2021-2022).

4) Online workshop on 'Patent and Designing Process' in Collaboration with RGNIIPM Government of India. (2021-2022)

3) **Human Resource Development:**

- Faculty members are encouraged to undergo professional development programs and organize and participate in Conferences, Seminars and Workshops by granting them DL and registration fees.
- Institution has organized the workshop on the IPR, and Research Methodology and Teaching Methodology to enhance teacher quality in the respective fields. A good number of faculty members have successfully completed the Refresher, Orientation and Faculty Development Program and short-term course.
- All faculty members have actively participated in National and International Conference and published their research paper in reputed National and International journal.
- Faculty members are encouraged to file the Patent for their Research Finding: Dr. Roshani N Bhagat, Assistant Professor Department of Physics, granted a National Patent and have one published patent. Dr. S. S. Padhen, Assistant Professor Department of Chemistry granted an International Patent.
- Teaching and non-teaching staff are encouraged to enhance their qualifications and pursue Ph.D. program. Four faculty members and one office staff have registered for Ph.D. program.
- The eligible faculties are motivated to apply for Ph.D. supervisor and research lab recognition to create research culture and to develop research infrastructure in the college. Six faculty members have received recognition as Ph.D. supervisor and laboratories of three departments Chemistry, Botany and Zoology received recognition as research centre from the affiliating university to carry out Ph.D. work.
- 4) Collaborations:

College has signed the MOUs with few institutions and organizations to undertake various skill enhancement program, workshops   and conferences on pedagogy enrichment.

College has signed the MOUs with Amravati Garden Club amravati ,Vinayak Vidnyan Mahavidylaya Nandgaon Khandeshwar,Indira Gandhi Kala Mahavidyalya Ralegaon IQAC Cluster of India.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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

Response: 32

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

2021-22	2020-21	2019-20	2018-19	2017-18
08	14	04	04	02

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3 Research Publications and Awards

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

Response: 2.19

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

2021-22	2020-21	2019-20	2018-19	2017-18
6	4	4	13	8

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Link to re-directing to journal source-cite website in case of digital journals	[View Document](#)
Links to the papers published in journals listed in UGC CARE list or	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

Response: 0.38

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

2021-22	2020-21	2019-20	2018-19	2017-18
03	02	01	0	0

File Description	Document
List of chapter/book along with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4 Extension Activities

3.4.1 Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

Our college organizes extension activities to promote institute-neighborhood-community network aiming to sensitize students to the social issues and contributing to the good citizenship. The National Service Scheme (NSS) is an extension dimension to the higher education system to orient the student youth to community service while they are studying in educational institutions. The NSS Unit, Signature Club, Women Cell and other Departments in collaboration with different agencies, NGOs, hospitals etc. lead extension activities to address local issues and sensitize students for their holistic development.

An active NSS unit of 100 volunteers conducts regular activities within the campus and outside it. NSS organizes a residential seven day camp in nearby adopted village and several activities were carried out by NSS volunteers addressing social issues which include cleanliness , tree plantation ,water conservation through construction of Bandhara, Shramdan, Social interaction, Eradication of superstition, Beti Bachao Beti Padhao, Environmental awareness, Women empowerment, National Integrity, AIDS awareness, Blood donation camp, Health check up camp, alcohol addiction, domestic violence, health care, eye checkup camp, Veterinary guidance ,Farmers meet, Awareness about farmer's suicide etc.

Various departments of the college is conscious about its responsibilities for shaping students into responsible citizens of the country by making students aware of social issues through various program like Environmental Awareness, Personal Health and Hygiene, Diet awareness, road safety, Tree Plantation, Soil and Water Testing, Plastic eradication(Distribution of cloth bag to students), organizing visit to old age home and deaf and dumb school ,Voters awareness, Nirmalya Nirmulan Program, Dental checkup camp, Installation of Bird water feeder etc. Also organised commemorative events such as International Day of Yoga, World Environment Day, Rashtriya Ekta Saptah,World AIDS Day etc.

Outcomes of the Extension Activities

All these extension activities have given the participants exposure to cases of unjust deprivation and have created strong motivation for eradication of this injustice. Apart from this the significance of clean surrounding, hygiene, sanitation in the neighborhood, garbage disposal, and sensitizing the community at large to these vital issues. Also helped students in holistic development, strengthens the sense of empathy and compassion among the participants and also instills in them a sense of commitment and ethical responsibility. Programs on women empowerment creates awareness among girl students of their condition and their rights, and among boys a sensitivity towards problems of women, leading to decreasing of gender bias and patriarchal prejudices.

The activities listed above are indicators of the manner in which multiple issues of social, political and economic significance are discussed and dealt with in order to create sensitivity and understanding among students and contribute to the balanced development of their personality, so that committed and ethically informed, balanced and responsible citizenship is created.

File Description	Document
Upload Additional information	[View Document](#)

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

recognised bodies

Response:

Apart from classroom teaching institution has taken an effort to sensitize the students toward social issues for their holistic development by participation inextension activities through various program organised by NSS, Unnat Bharat Abhiyan and by various department of the institute.

Extension activities were carried out in the neighbourhood communities through NSS, Red ribbon club, SIGNature club, Department of Botany, Department Zoology. These activities have educational values that leaves footprint of realisation of social responsibilities among all strata of the society.

Extension and outreach programs carried out by the institution is treeplantation, blood donation, Awareness camps, SwachhAbhiyan and youth awareness program, such as youth parliament, COVID vaccination Camps,Disaster Management Program, Awareness through Elocution Competitions and regular activities. Nirmalya Management program, Eye check-up, Dental check-up, Rain water harvesting, COVID vaccination Camp, Road safety, AIDS awareness Rally, Voter awareness program, international tiger day, Farmers awareness program.

Awards and recognitions received by the College, and students for extension activities from various government and non-government bodies by actively participating in NSS, and regular program.

1. **Swachata hi Sewa /SwachahataPandharwada:**

SwachataaPandharwada is a cleanliness drive organised by NSS unit for 15 days in continuation in the chandur taluka at different places such as Bus Station and Gramin Rugnalya, MukbadhirNiwasi School, Chandur Rly and Own College campus. Apart from these various activities such as Cleanliness Campion and personal hygiene are organised.

In year 2020, a survey on the cleanliness of campus area of the school and colleges was conducted by the Nagar Parishad ChandurRly . Our college received 1st rank and awarded a certificate by the Nagar Parishad Chandur Railway.

1. **Blood Donation**: Institution received an appreciation certificate from the publichealth service and the district hospital Amravati for successfully organization of blood donation camp every year under the supervision of the Dr of rural hospital Chandur Rly.
2. **Wall painting Competition:** Students of NSS participate in the wall painting competition organised by the Nagar Parishad Chandur Rly on SwachataSarvekshan has received the certificate of apparition for excellent performance.

3. Youth Parliament: In order to make the responsible citizen, to ignite the quality of leadership and to make the students aware about   the various social issues, students were motivated to participate in the competition organised by Abhirup Yuva Sansad (YuvakBiradri).   Institution has received certificate of apparition in year 2020-21 and bagged certificate of merit inyear 2021-2022. Students also awarded   with 1st prize for the best performance.

4.Students Participation: Students actively Participate in Various program organised by the Governing body such as AVAHAN 2019,   New INDIA YOUNG INDIA, Youth and Sports department, Elocution

Competition, Wild Glory Competition etc.

   5.Tree Plantation: Unit of NSS actively participate in Mega Tree plantation Drive (Planation of 13 Cores Tree) in collaboration of Forest   department region Chandur RlyBasalpur on 28th July 2018.For this Institution received certificate of Appreciation.

File Description	Document
Upload Additional information	[View Document](#)

3.4.3 *Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.*

Response: 93

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

2021-22	2020-21	2019-20	2018-19	2017-18
19	17	30	22	05

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[View Document](#)

3.5 Collaboration

3.5.1 *Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.*

Response: 08

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

The institution has adequate facilities as per the norms of Department of Higher and Technical Education, Maharashtra State. The institution has the following infrastructure facilities:

Total Campus Area: 7018sq m

Build up area: 2305.81sq m

- **Administrative :-**

Room	Require Area (sq. ft.)	Available Area (sq. ft.)
Principal	500	400
Office	500	500
IQAC	150	400

- **Classroom:-**

Classrooms	Require Area (Sq. ft.)	Available Area/ Classroom (Sq. Ft.)	No. of classroom	Total Area (sq. ft.)	
S1, S2, S3, S4	--	600	4	2400	
S5, S6, F11	--	900	3	2700	
Total			**7**	**5100**	

- **Laboratories and Library:**

The college is having six laboratories and a library as per following specification-

Laboratory/ Library	Require Area (sq. ft.)	Available Area (sq. ft.)
Chemistry	1200	1200

Physics	1200	1400
Botany	1200	1200
Zoology	1200	1200
Computer Science	600	450
Electronics	600	450
Library	600	900

- **Multipurpose Hall (Late Atul Jagtap Memorial Hall):-**

The college has 1800 sq. ft. ICT enabled multipurpose hall with seating capacity of 200.

- **Botanical Garden:** 3680 sq. ft.
- **Biomass compost Plant:** 90 sq. ft
- **Roof Rainwater Harvesting Plant** : 6000sq. ft.
- **Roof Top Solar Plant** (05 KW): Raajratna Ventures LTD 310 wp 18nos modules with Polycab On Grid Inverter. Manufactured by ECE (India) Energies Pvt. Ltd. Amravati.
- **ICT Facilities:**

-       The institute is having 28 computers, 1 Photostat, internet connections, Wi-Fi Routers, 52 access internet points, 5 Printers, 2 Scanners with Printer, 16 CCTV Cameras with one LED Screen and 5 LCD projectors. One LCD projector is fixed in multipurpose hall and four projectors kept mobile and are used by the teachers as ICT tool for teaching purpose.

- Number of classrooms with Wi-Fi/LAN facilities: **07**
- No. of Laboratories with Wi-Fi and internet facilities: **06**
- Library is equipped with four computer systems.
- **LMS:** The College has paid subscription of G-Suite. This online platform is used by all the teaching staff for teaching and learning purpose. Library software-LibSoft (Master Software) , N-LIST, NDLI e-resources are available. Downloaded e-books and educational CD's are available in the Library.
- **Other Facilities :**   The College is having open dais, multipurpose hall for cultural activities, playground, gymnasium, sports & games facility, etc. as figure out below-

Sr. No.	Activity	Facility	Area (sq. ft.)	Establishment Y
1	Games & Sports	Play grounds (Kabaddi, Cricket, Volleyball, Football, Hockey, Chess, Carom & etc.)	20000	2008
2	Workout	Gymnasium	1100	2020
3	Cultural Activities / Yoga	Multipurpose Hall,	1800	2010
		Open dais	14097	2008
4	NSS	NSS office	100	2011
5	Parking	Vehicle Parking Area	5250	2010

23-06-2023 12:12:24

| 6 | Relaxation/ dressing | Girls Common Room | 250 | 2016 |

1.

- **Health and Hygiene :**

1. Safe drinking water purifier (Aqua Sure and Aqua guard Classic)
2. Water cooler is provided in the college (Voltas Water Cooler).
3. First aid box
4. Dustbins are placed at every floor.
5. Vending Machine
6. Clean lavatories for students & staff.
7. Fire extinguishers.
8. Sanitizer with stand

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.1.2 *Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years*

Response: 60.17

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
45.51504	3.78581	13.84823	9.48826	13.80125

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

4.2 Library as a Learning Resource

4.2.1 *Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students*

Response:

Integrated Library Management System (ILMS)

The College Library is using LMS-Lib Soft from the year 2016 for library automation. Library Management System -LibSoft is a integrated, user-friendly and compatible system for complete computerization of all the in-house operations (like Cataloguing, Circulation, OPAC, reports, etc.) of library. The library management software is intuitive, efficiently and compliant. AMC are made for resolving issues/problems regarding library software.

Subscription to e-resources and Journals:

The institution has subscribed the following e-resources; N-LIST (National Library & Information Services Infrastructure for Scholarly Content) includes e-journals and e-books. Also contents like e-journals, e-books, video, Audio lectures, presentation, simulations, images, questions, etc. available free access through NDLI (National Digital Library of India). College has provision of remote access of the library resources through N-LIST membership and NDLI for the users. Users can access the e-resources by sig-up and log-in with N-LIST and NDLI.

The subscriptions details are as follows

Year	Membership	Subscription Amount	Membership Period

		(In Rs.)	
2017	NDLI(Free-Open Access)	Free	Lifetime
2018	N-LIST (NLIST/18-19/988 Date: 22-05-2018)	5900	April 2018 to March 2019
2019	N-LIST (: NLIST/19-20/840 Date:27-05-2019)	5900	April 2019 to March 2020
2020	N-LIST (NLIST/20-21/747 Date: 01-07-2020)	5900	April 2020 to March 2021
2021	N-LIST (NLIST/21-22/672 Date : 28-05-2021)	5900	April 2021 to March 2022
2022	Athenaeum Solution Pvt. Ltd. Print and e-media subscription Service Invoice No 5957	5750	2022-23
	Total à	**29350**	

Amount spent on purchase of books, journals:

Year	2017-2018	2018-19	2019-2020	2020-2021	2021-2022
INR in Lakhs	0.20431	0.55602	0.30555	0.06538	0.65486

Total spent on purchase of books and Journals: 1.78612

Per day usage of library:

Number per day usage of library by teachers and students

(Foot falls and login data for online access)

(Data for the latest completed academic year- 2021-22)

Total no. of teachers & students in each day for all working days: 3061 (*Physical users accessing Library*) + 235 (*login data for online access*) =**3296**

Total no. working day: 239

Average per day usage of the library by the users = 3296/239 *(Total no. of teachers & students in each day for all working days / Total no. of working days)* = **13.79**

File Description	Document
Upload Additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection *Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words*

Response:

The institute has BSNL Broad Band optical fiber connection with high speed (200mbps) internet facility. Computers in computer lab, office, Library, IQAC, Atul Jagtap Memorial Hall (Seminar Hall), Principal office, all laboratories are provided with the Broad band internet connection. Computers in the administrative office, principal office and library are in LAN. There are Wi-Fi routers available for students and staff for internet access in the campus. The college has 3 KVA UPS with 06 Batteries (150 AH) for power backup.

In the session 2020-21, 02 Wi-Fi routers are purchased on dated 28th October 2020 to extend Wi-Fi connectivity and 10 sets of computer systems (HP Brand) are donated by the management to the institute on dated 5th August 2020.

In the session 2021-22, 01 Wi-Fi routers, 04 LCD projectors, 05 PCs has purchased.

Computers updating:

Institution frequently updates its IT facilities including computers.

Internet Facility:

The institution has internet facility and is updated time to time. college has BSNL Broad Band optical fiber connection with high speed (200mbps) internet facility.

Software Updating:

Office and library head looks after the internet needs and upgrades the software and systems. All the systems, printers, copiers, scanners are LAN synced with internet facility. And the College Library has LMS(Library Management System-LibSoft) from the year 2016 for library automation.

Wi- Fi :

The free Wi-Fi facility is available inside the campus for faculty members and students.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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

Response: 13.95

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

Response: 20

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	[View Document](#)
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 *Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)*

Response: 7.83

4.4.1.1 **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
1.73608	1.97004	2.47731	2.09362	2.96784

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 *Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years*

Response: 81.64

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
234	243	256	243	242

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.2 *Following capacity development and skills enhancement activities are organised for improving students' capability*

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
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	[View Document](#)
Report with photographs on ICT/computing skills enhancement programs	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

Response: 39.48

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

2021-22	2020-21	2019-20	2018-19	2017-18
93	146	165	115	70

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.4 *The institution adopts the following for 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
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

5.2 Student Progression

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

Response: 44.15

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

2021-22	2020-21	2019-20	2018-19	2017-18
70	34	28	20	14

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

2021-22	2020-21	2019-20	2018-19	2017-18
101	88	90	34	63

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	**View Document**
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	**View Document**
Institutional data in the prescribed format	**View Document**

5.2.2 *Percentage of students qualifying in state/national/ international level examinations during the last five years*

Response: 3.18

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

2021-22	2020-21	2019-20	2018-19	2017-18
4	2	4	0	0

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	**View Document**
Institutional data in the prescribed format	**View Document**

5.3 Student Participation and Activities

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

Response: 17

5.3.1.1 *Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last*

five years

2021-22	2020-21	2019-20	2018-19	2017-18
5	5	3	2	2

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

Response: 36.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
36	45	40	21	39

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.4 Alumni Engagement

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

Response:

Alumni association provides opportunities for networking, professional development, and social events among former students.

Our college, from its establishment year 2008, has a great contribution in the educational development of the rural students. The college has a registered Alumni Association with Reg No. MH 565/16 registered under the Societies Registration Act 1860. The registered executive body has 11 members as office bearers. The Alumni Association provides an interface for establishing a link between the alumni, staff, and students of the institute.

The Alumni Association Contribution through various means:-

· The office bearer of alumni association organizes Alumni Meet. In this meet the alumni get chance to reconnect with the alma mater and old friends. This is the best platform for networking and sharing their experience of working in the government and private sector. These inputs are helpful to academicians for moulding the aspiring students.

· Successful students are invited as resource persons to provide inputs and share their experiences regarding skills, application of knowledge, and jobs availability in the corporate sector on graduation basis and requirements of the corporate sectors

· They assist and guide the students to crack the competitive examinations and interviews. They also share their experience with the students and motivate them for their career development in various domains.

· Our Alumni are engaged in conducting social activities for the welfare of the society through Donations and physical services.

· Alumni Association contribution can be evident from the various activities mentioned below:

® President of Alumni association Shri. S.S.Sarad organized a Guest Lecture for the students on 'Personality Development'.

® On eve of 150th birth Anniversary of Mahatma Gandhi, Elocution Competition was organized to percolate the Gandhian Thoughts among the students.

® Organized Blood Donation Camp

® Organized Disaster Management Workshop

® Alumni Miss. Khushboo Patriya organized a programme on 'Communication skill'.

® Organized 'Principal Championship Tournament' in collaboration with Department of Physical Education.

® Mathematics department organized a guest lecture of a Alumni Mr. Shoheb Akhtar (NET and SET in Mathematics).

® On eve of Mahatma Gandhi Jayanti, Department of Physical Education in collaboration with Alumni Association organized a Cross Country Race.

· Our Alumni Association is not sound financially but they have donated a water cooler to the college.

File Description	Document
Upload Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 *The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.*

Response:

To execute the Vision and Mission, the parent management, CDC, IQAC, and other governing bodies of the college are actually vigilant in strategizing and implementing initiatives that lead to the holistic development of all the Stakeholders of the Institute and correspondingly the Institute.

Policy and Planning:

The CDC, Principal, IQAC and Heads of the department makes action plans in consultation with faculty members to review of outcomes from the implementation of action plans through meetings with functional committees and makes necessary changes in action plans if required. The requirements for policy making and planning are collected by the Principal through interaction with various stakeholders and feedback obtained from IQAC.

Interaction with stakeholders and faculty: The principal ensures that all stakeholders are involved in different activities. The faculty members play major role in various committees and cells to contribute in decision making, implementation of plans and formulating perspective /strategic plans for the future endeavors.

Academic and Administrative bodies: The Governing Body is the apex decision making authority and guiding force behind all the academic and non-academic endeavours of the institute in order to sustain the current requirements of all the key stakeholders and Society at large. The College Development Committee is actively involved in the preparation of the overall comprehensive development plan of the Institute w.r.t. Academic, Administrative and Infrastructural growth. The Internal Quality Assurance Cell facilitates the creation of a learner- centric environment fostering Quality education and faculty evolvement to adopt the required knowledge and technology for participatory teaching and learning process.

Vision, Mission, short term and long term goals, quality policies are kept wide open to all stakeholders for their suggestions. The participatory role of the management encourages and sustains the involvement of the staff, which is necessary for the efficient running of the institute.

Perspective plan:

Perspective plan is a blue print of efforts made by the institution to impart quality education and to achieve its Vision and Mission. IQAC is the most prominent administrative body responsible for ensuring quality assurance and enhancement. The institution has its well thought perspective plan for the overall development.

Participation of teachers in decision making bodies

One of the most important managerial concepts of the institution is that the administration is managed through teachers as conveners and co-conveners of various committees with student/ parent/management representation. The Heads of various committees/cells conduct regular meetings with respective members at all level. This encourages employees to render innovative ideas that would go a long way in student support and services.

NEP implementation

The Institute is affiliated to Sant Gadge Baba Amravati University, Amravati. As per new education policy, implemented from the session 2022-23, in our university academic programmes are redesigned and include Multidisciplinary /Interdisciplinary courses as electives and as per the guidelines of parent university, our institute will be start offering these electives to students. The college has constituted a committee for successful implementation of NEP-based curriculum and for the first year students 'Academic Bank of Credit' account is created.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 *The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc*

Response:

Policies: College has College Development committee (CDC) and Internal Quality Assurance Cell (IQAC) which monitors and looks over all the activities, matter of academics and administration. IQAC and CDC prepare perspective plan and monitor towards execution to foster academic and administrative development.

Administrative Setup: As a part of Decentralization there are various Institute Level Committees to ensure smooth and effective execution of academic and administrative processes. Some of the major committees are Research, Library Advisory, Career Counselling and Placement, Internal Complaint Committee, NSS and College Exam Committee etc. Admission Committee is responsible for preparing Academic Calendar representing planning and execution of all the academic activities to be conducted in the forth coming Academic Year.

Service Rules: College follows rules and regulations of UGC, Government of Maharashtra act 2016 and rules laid by SGBAU, Amravati.

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.

Student Welfare: The placement cell, Discipline and Anti-ragging cell, grievance cell, Alumni Association and student mentor scheme for student support activities are incorporated in the institute. College has started a CSR (College Social Responsibility) scheme to meet the educational financial needs of the poor students.

Grievance and Redressal Mechanism: The College has an Internal Complaint Committee (ICC)), Anti Ragging Committee and Grievance Redressal Committee for the timely Redressal of the grievances of the students and the faculty, if any.

The college has prepared a Perspective Plan- 2017-22 for five years and a Future Strategic Plan for the duration 2023-28 in which the institution's overall developmental aspects have been taken into account such as infrastructural development, introducing new skill-based certificate courses, purchasing of research based and laboratory equipments/materials, enhancing research activities, providing academic and sports facilities to students, developing ICT tools, organization of workshops for teachers and non-teaching staff etc.

File Description	Document
Upload Additional information	[View Document](#)
Institutional perspective Plan and deployment documents on the website	[View Document](#)

6.2.2 *Institution implements e-governance in its operations*

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 of each module reflecting the name of the HEI	[View Document](#)
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	[View Document](#)
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The institution ensures that employees are motivated and their work is recognized and appreciated to provide a healthy work environment, promote work-life balance, and offer benefits that support the well-being of the employees.

Welfare Scheme:

- Teaching and non-teaching staff can avail loan from Institutional registered Atul Shikshak and Shikshketar credit co-operative society.
- The institution values the well-being of its staff and provides leaves subjected to the government rules. Both teaching and non-teaching staff are provided Casual Leave, Earn Leave, Medical Leave, duty leave and female employees are sanctioned maternity leave.
- Teaching and non-teaching staff are provided duty leave to participate in various professional development program organized by governmental/non-governmental organizations.
- There is a medical bill reimbursement facility under the state government rule. Institution forward the medical bill of the staff for its reimbursement to the concerning office.
- Staff's life has been insured under group life insurance scheme.
- Institution organizes free health check-up camp, offers festival monetary advance to the non-teaching staff and offers generous vacation time.

Performance Appraisal System:

A performance appraisal system is a formal process used by organizations to evaluate and assess employee

job performance. 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 Promotions under Career Advancement Scheme of Teachers.

All teachers has to submit Annual PBAS forms to IQAC coordinator for its verification and are then evaluated by the Principal. These forms are then used for the promotion of teachers at different levels as per SGBAU 2019 notification.

The college also followed the procedure of the **Swayam Mulya Nirdharn Ahwal** for the non-teaching staff. All the non-teaching staff submits their Swayam Mulya Nirdharn Ahwal forms to their higher authority. The teaching and non-teaching staffs, who satisfy all the norms of the promotion, submit their file in the office for further process.

Moreover, career development and progression opportunities are crucial for the growth of employees. The institution provides avenues for professional growth, training, and skill development that help employees acquire new skills and knowledge that can help them in their current and future roles. Institution motivates teaching and non-teaching staff for attending workshop, seminars, online courses, training and development programs and pursuing further education that helps them in their career advancement. Institution provides duty leave and registration fees for this purpose.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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

Response: 16.18

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

2021-22	2020-21	2019-20	2018-19	2017-18
02	02	02	5	00

File Description	Document
Policy document on providing financial support to teachers	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

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

Response: 52.31

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

2021-22	2020-21	2019-20	2018-19	2017-18
18	15	16	11	08

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

2021-22	2020-21	2019-20	2018-19	2017-18
12	12	12	13	13

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the certificates of the program attended by teachers.	[View Document](#)
Annual reports highlighting the programmes undertaken by the teachers	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.4 Financial Management and Resource Mobilization

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

Response:

The Institution has well defined strategy for resource mobilization and optimal utilization of resources and funds for achieving its goal and objective.

The available sources of funding are as follows:

1. **Educational Fees:** Educational fees are charged as per the norms of university and government for various grant-in-aid courses. For the non-grant courses additional fees are charged as per the norms of university and government.
2. **Salary Grant:** The College receives salary grant from the State Government. For this an annual budget of the estimated salary grant required is submitted to the state government. Salary grant includes the salaries of full-time regular teachers and non-teaching staff.
3. **Financial support from management:** Management of an organization support in the form of direct funding or other forms of financial assistance to achieve their mission and goals and long term objectives of the institution.
4. **Alumni:** Our alumni are not financially sound but their contribution to the college is considerable.
5. **Grants from Other funding agencies of the Government/Non-Government :**

The Institution always strives hard for resource mobilization from government and non- government organizations to carry out academic activities and infrastructural development.

Optimal Utilization of Fund:

The institution every year makes budgetary provision by identifying the potential sources of revenue and available fund at the end of the session.

The amount sanctioned by College Development Committee is communicated to the HODs of all the departments for preparing the list of departmental requirement within the allocated fund.   Head of the institution monitors the procedure for optimal utilization of the fund allocated on the different heads. Purchase committee monitor the purchase of Laboratory materials, library books, sport material. Mostly the fund utilized for this purpose is from the educational fees collected. Infrastructural facilities are developed and maintained through the funds generated through non grant courses, management financial support and governmental schemes. Remuneration to the resource persons, organization of activities, prizes, payment of temporary staff are also made through the fund generated through non grant courses. Regular activities and special camp of NSS unit are run through the grant received from the university for the said purpose.

Internal Audit: College conducts internal statutory audit every year ended on 31thMarch by M/s CAT & CO. Mr. C. K. Ingle CA,Firm Number 144475W, Membership number 119992.Statutory auditor appointed by parent management, Atul Vidya Mandir, Wardha, (Reg. No. F/1335/WRD). Audited report after final approval of College Development Committee is then submitted to the Education Department, Government of Maharashtra, Senior Auditor, Education Department, Charity Commissioner and parent management every year before 31thJuly.

External Audit: External Audits conducted by the following government organizations - Audit by Auditor General, Nagpur

- Finance Department of State Government
- Audit of Scholarships – Assistant Commissioner, Social Welfare Department
- EBC Audit

Assessment Audit: Department of Higher Education, Maharashtra Government through Joint Director of Higher Education, Amravati Region, Amravati, completes regularly the assessment of salary and non-salary expenditure and fixes the grants of the College by verifying the records of expenditure incurred.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the

quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Objectives of IQAC:

The primary objectives of IQAC are to take the step towards fulfilment of mandates of NAAC. NAAC is mandated to enhance how HEIs are

- Contributing to National Development
- Fostering Global Competencies among students
- Inculcating a Value System among students
- Promoting use of technology
- Providing Quest for Excellence

Functions of Internal Quality Assurance Cell (IQAC):

The Internal Quality Assurance Cell (IQAC) has several functions to ensure the continuous improvement of the quality of education in an institution. Some of the primary functions of the IQAC include:

1. Developing and implementing quality assurance policies and procedures in the institution.
2. Creating a mechanism for feedback collection from various stakeholders, including students, faculty, staff, and alumni, and analyzing this feedback to identify areas for improvement.
3. Facilitating the organization of workshops, seminars, and training programs on quality assurance and related topics for faculty, staff, and students.
4. Developing and maintaining a database of institutional data and records related to quality assurance and academic performance.
5. Preparing and submitting periodic reports on quality assurance activities to the higher education regulatory bodies and other stakeholders.
6. Facilitating the preparation and implementation of the institution's annual quality assurance plan.
7. Conducting academic audits, institutional audits, and other forms of quality audits to identify areas for improvement.
8. Developing and implementing measures to improve the overall academic and administrative performance of the institution.

IQAC Initiatives:

1. **Accreditation:** IQAC worked towards obtaining accreditation from reputed bodies (NAAC, Bengluru) to improve the credibility of the institution .
2. **Quality Assurance Workshops:** IQAC led the efforts to organize workshops and training programs for teachers and staff members to enhance their skills in teaching, learning, and research.
3. **Curriculum Development:** IQAC assist in process of introducing the PG courses in all departments.
4. **Feedback Mechanism:** IQAC introduce a feedback mechanism to obtain feedback from students,

alumni, and other stakeholders to improve the quality of education.

5. **Infrastructure Development:** IQAC led the efforts in improving infrastructure facilities such as laboratories, libraries, sports and other facilities to enhance the learning environment.
6. **Best Practices:** IQAC led the efforts to identify and promote best practices in teaching, learning, and research to maintain the quality of education.
7. **Student Support Services:** IQAC led the efforts to provide student support services such as counselling, career guidance, and placement services to enhance the employability of students.
8. **Internal Audits:** IQAC conducted internal audits to monitor the quality of education and suggest improvements.
9. **Research and Innovation:** IQAC encouraged research and innovation among faculty members and students to promote academic excellence. Two faculty members awarded National and International Patent and maximum have publications in Journals.
10. **Community Engagement:** IQAC promote community engagement by involving students and faculty members in community-based projects and activities to develop a sense of social responsibility.
11. **Skill Development:** IQAC led the efforts to organised workshop on soft skill for professional development, fashion designing, Nursery techniques and Management, Laser and its Application etc.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.5.2 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
NIRF report, AAA report and details on follow up actions	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years. *Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words*

Response:

Gender equality is a human right. Equal opportunities are given to the students to participate in all the events conducted in our institution. In order to maintain safety and security to the girl students and women employee, Internal Complaints Committee, Student redressal and anti ragging committee have been constituted as per UGC guidelines. In the last five years in on average fifteen activities have been undertaken to promote gender equity, empowerment of women. Women Cell and Gender Equity Cell, Committees cater to pertaining the issues to women. Provided adequate facilities to both girls and boys, gender equality is kept upright in the college.

Institute has a policy against sexual harassment. The ICC committee has been following the protocol in redressal of complaints and worked towards increasing gender sensitization by organizing a guest lectures and awareness workshop by Lawyers, Health Counselors and Social workers.

Internal Complaint Committee, Women Cell and Gender Equity Cell has organized events and guest lecturers to raise the awareness of women's issues in the past five years.

- Gender Sensitization Poster Exhibition
- Workshop on Women Empowerment
- Seminar on Career Fest for Girls
- Women in Science a theme based Poster Competition
- Invited talk on Law for Domestic Violence
- Counseling on Health issues by Gynecologist
- Health Check up Camp and Counseling
- Workshop on Stress Management

Every year International Women day was celebrated. Mothers are invited for the program *Aai Mazya Mahavidyalayat*. To provide the recognition and respect to women in all aspects the institute celebrated the **International Day of Women and Girls in Science.**

National Webinar on **Women safety at work place and management of stress in life** was organized for faculties and girls student.

The institute runs Student Mentoring Scheme to give support and deal with stress management through personal counseling.

The Gender Equity Cell of the institute work hand in hand with Anti ragging Committee, Equal opportunity Cell and Student Grievance and redressal cell for the implementation of gender sensitization action plan.

Female Student's representatives appointed in IQAC and ICC the statuary bodies of the institute to take care of issues pertaining to girl students.

CCTV Cameras installed in the college campus for the safety of students. Spacious Girl's Common Room with basic facility is available in the college.

Parking Facilities: A reserve area for parking of two-wheelers as well as four wheelers for girls, boys and staff is one of the disciplines in this College.

Washroom Facility: At different places girls and boys washrooms are situated in the college with ample supply of water and regular cleaning. It is supplemented with a separate facility for the staff. Keeping in mind the special hygiene needs of girl students and female staff, a sanitary napkin vending machine is provided.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.1.2 The Institution has facilities and initiatives for

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

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	[View Document](#)
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

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

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

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	[View Document](#)
Policy document on environment and energy usage Certificate from the auditing agency	[View Document](#)
Green audit/environmental audit report from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

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

Response:

Arts, Music and Cultural Committee, Youth festival Committee and NSS unit takes the efforts for promotion of cultural harmony in the college and undertaken sensitization initiatives to promote the values, duties and responsibilities in students and faculty regarding social justice, communal harmony and respecting humanity in general.

Students performs traditional dance, social awareness events in youth festival and NSS residential Camp. Celebrated the religious festival Eco friendly Ganesh Festival and Herbal Holi. The institute celebrates National festival to inculcate human values like love, courage, honesty, respect, truthfulness, patriotism, etc. among the students. To inculcate the sense of responsibility and team leadership among the students the institute organized the Annual Cultural event **Tarangini**. The institute publishes its Annual Magazine Sankalp every year containing articles, poems, short stories etc. by the students and the staff of the college.

College organized the elocution, District level essay competition on great personality every year. Conducted the essay writing competition entitled '**Problem, Reason and Solution on Vidharbhiyan Farmers Suicide'.**

On the occasion of 150th Birth anniversary of Mahatma Gandhi Intercollegiate competition was organized on *'Kal, Aaj ani Udya'*.

To make students and citizen familiar with Mahanubhav Pantha and their related literature which having the history of more than 700 years College Library organized the program on **Prachin Sanhita Wachan and Exhibition(Ancient Code Reading)** in collaboration with Mahanubhav Study Centre Sant Gadge Baba Amravati University.

NSS unit conducted various events like Street play including guest lecture in seven days special camp at nearby adopted village.

The students are sensitized towards the values, rights, duties and responsibilities of citizens by organizing various awareness programmes

For creating awareness about social harmony NSS Unit of the College organized the Constitution Day every year 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 students and faculties. Faculty and students take pledge on National Unity Day.

NSS Unit conducted Swachha Bharat Abhiyans, AIDS awareness, adverse effects of Addiction of Tobacco, Voter awareness program ,Training program of VVPAT machine*,* Voter registration and road safety week.

On the occasion of birth anniversary of office bearer of Parent Society Atul Vidya Mandir various social program was conducted such as Eye Check up, Dental Check up and Blood Donation Camp.

The college organized the prominent events like Kargil Vijay Diwas, Pledge on National Integration Day. In the academic year 2019-2020 Constitution week was celebrated by reading the preamble of constitution and lecture of social worker, Elocution competition was conducted on Mahatma Gandhi and his life to pay the tribute to the father of nation. On the occasion of Celebration of 75 years of Independence institute organized Essay Competition on **Azadi ka Amrut Mahotsav.**

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.2 Best Practices

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

Response:

Best Practice: I

Title of the Practice   : Environmental   Awareness Program

1. Objectives

1. To promote awareness among the students and society about green environment

2. To mobilize the students about Conservation of Biodiversity and Climate change initiative.

3. To maintain clean and green college campus through Tree plantation and Cleanliness program.

4. To use renewable energy resources and water conservation.

5. To form a club for creating the interest among the students about environmental consciousness.

6. Plastic free environment.

7. To organize seminars/workshops, expert lectures etc. on environment-related issues.

8. To conduct the environment, green and energy audit.

2. The Context

Today we are facing problems such as climate change and pollution. The main aim of the practice is to impart knowledge, create awareness to handle the environmental issues to build a better, greener and cleaner future for generations to come. The task to be performed voluntarily with a sense of institutional social responsibility appears to be challenging in nature as it pertains to resolve day to-day problem.

3. The Practice

Rain water harvesting plant constructed in the college which recharge water table of water source. College has installed renewable energy plant Solar Power. The college frequently organizes seminars/workshops, expert lectures to address the environment-related issues. For creating environment awareness among the students various National and International Days Celebrated. The college promotes the Plantation of trees. Mega Tree Plantation drive is conducted at Baslapur Forest in collaboration with Department of Forest. Participated in Tree plantation rally Vruksh dindi, celebrated the National festival and Birth anniversaries by sapling plant in college campus.

Every year for attention the conservation of flora and fauna Wild life Week and International Tiger day celebrated .Organization of Nature Walk and Environment awareness campaign *Mazi Vasundhara Abhiyan* regularly conducted. Students are aware about the hazardous effect of plastic through counseling and posters are displayed of Ban on Single use of Plastic in college campus. SIGNature (Student Initiative towards Green Nature) formerly known as Eco-Club organized environmental consciousness program in collaboration with NSS and Departments. It motivates the active participation of Students and Faculties in Environment Conservation related Competitions and Conferences. Conducted lectures of compulsory

subject Environmental Studies included in B.Sc. II Curriculum. Beyond the campus several Environmental promotion activities was conducted through organizing Poster Competition, Drawing Competition, Quiz, Essay Competition, World Ozone Day, World Earth Day, World Wetland Day, World Environment Day, Eco friendly Rakhi Competition, Photography Exhibition, Pencil Sketching Competition on Wildlife week, Poster making Competition and Group Discussion on the occasion of World Ozone Day, World Sparrow day, Herbal Color preparation workshop and Eco- friendly Ganesh Festival.

4. Evidence of Success

College efforts has acknowledged by the local Municipal Council Chandur Rly. In the said competition institute was selected during *Cleanliness Survey - 2020* under the program of Central and State Government and conferred by the First prize for Green and Clean Campus.

5. Problems Encountered and Resources Required

- Corona pandemic situation was the biggest obstacle faced by the institute during organization of environmental awareness program.
- Lack of funding by Government agencies or NGO   is major reason for implementation of any renewable source of energy and its maintenance.
- While carrying out this practice, less awareness among rural students and community towards environmental issues are encountered by the college.

Best Practice: II

Title of the Practice: Science for Life

1. Objectives

a. To promote scientific temper and awareness of science amongst School students

b. Inculcation of awareness through acquiring the scientific attitude

c. To create interest and develop the research culture through project.

d. To motivate the students for participation in research Convention and Scientific events

2. The context: Collaboration and Coordination with Schools. Encourage the students for participatory approach.

3. The Practice

- Shanivari….Vidhnyanwari Science on Saturday
- Awareness and Search of truth through lecture on Astronomy,Chandrayan and study of snakes and remedies of snakebites.
- Student Research Project
- Active Participation of students in Scientific activities

Shanivari Vidhnyanvari program Science on Saturday was implemented with the collaboration of Marathi Vidnyan Parishad, Amravati for popularization of Science in the students of rural area. Six Schools of nearby Chandur railway was selected for the program. The group of 20 Students of B.Sc.I, II and III were trained by experts of Marathi Vidnyan Parishad. A kit of experimental components was given the trainee for demonstration of scientific experiments. The trained students made presentation and interacted with School students of Standard 7th only. Inculcation of Scientific temperament and attitude through Slide show, talk, charts and experiments models was done. In College Science Awareness and Search of truth through lecture on Astronomy,Chandrayan and study of snakes and remedies of snakebites was done.

College strives to promote research excellence and culture among the students in emerging areas of Basic Science. Institutionalization of such activities is a need of the present times. A Six months duration Student Research Project was allotted to a group of students. The College provided the financial assistance to group of the Three or Four College Students for conducting the Student Research Project. Investigator Teachers with project fellows submitted their proposed project work through application for the financial assistance. Committee conducted the interface and approved the proposed topics with subject to rules and regulation.

To develop the confidence and skill Students were encouraged for participation in the research convention Avishkar. Every Year College organized the scientific event like National Science Day for development of Science literacy and removal of blind belief.

4. Evidence of Success

 Numbers of beneficiaries are increased

5. Problems Encountered and Resources Required

 When implement the practice, it was realized that just delivering lectures and performing demonstrations would not be adequate enough. To implement the scheme effectively, it became necessary that teachers should be the nodal point. Training programs is required to train teachers so that they in turn can teach the subjects related to scientific attitude during extra hours and on holidays. The follow up activity couldn't be done due to unavailability of lab. Conduction of this practice in a stipulated time period was the challenge.

File Description	Document
Best practices as hosted on the Institutional website	[View Document](#)

7.3 Institutional Distinctiveness

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

Response:

Institutional Initiatives for Students Leadership

Vision of the Institution

 To create brilliancy in science for comprehensive social development adaptable to global competency and to enhance and upgrade the socially deprived and marginalized students with the tool of education which inculcates social, moral ethical values among all strata of rural students

Mission of the Institution

- To provide skills based education to the students.
- To make aware the students about environmental consciousness
- To make the students compatible to fulfill the social needs

As mentioned in the vision and mission statement of Atul Vidya Mandirs Rajarshee Shahu Science College plays leading role in quality oriented higher education to rural students from all sections of the society. Rajarshee Shahu Science College which started its functioning in 2008 and since then it is working with the vision of providing quality education to rural youth, socially and economically disadvantaged learners leading to their prosperity, providing values based education through renaissance to make them better situation to become an academy of excellence in higher education. Besides Rajarshee Shahu Science College has its distinct unique feature which works for comprehensive social development which make the students compatible to fulfill the social needs and that paves way for the Students's Leadership .

Following are the key activities which germs the percolates the quality of the leadership amongst the students

Way for National Leadership – Abhirup Yuva Sansad

Awards and Participation in National Movement and Competition

It is organized by Yuvak Biradari (Bharat) Mumbai in collaboration with Shri Shivaji Education Society Amravati. It is a National Award-Winning Organization working India Level since 1974, cherishing the goals of humanity and nation building. It is a social, educational, cultural and youth movement in India. It has endeavored to establish and promote Insaani Biradari (Universal Brotherhood). It also aims at strengthening the social fabric of India in order to realize the vision of a vibrant, prosperous, peaceful and enlightened nation. Biradari draws its philosophical inspiration from the Preamble of the Indian Constitution, and from the thoughts and visions of Mahatma Gandhi and Rabindranath Tagore. One of Biradari's prime concerns has been national integration, whereby the multi-cultural and multi-religious society of India needs to be brought together as One People, One Nation.The program 'Abhirup Yuva Sansad' (Mock Youth Parliament) is being conducted by the 46-year-old voluntary movement 'Yuvak Biradari (Bharat) Mumbai' to enhance the leadership potential of youth along with their personality development. The approach is to provide education and training and encourage participation through a competition format so as to appeal to young minds. 'Abhirup Yuva Sansad' focuses on inculcating the values of unending search for knowledge and unshakeable faith in the Indian Constitution among youth.

Achievement in the Academic Year 2020-21

To keep this view in mind, our institute has continuously participated in AbhirupYuva Sansad from 2020

-2021. Initially, 05 students were selected for workshop organized by Yuvak Biradari in collaboration with Shri Shivaji Education Society's Shri Shivaji Arts College, Amravati. Institute Co-coordinator Dr. Sampada P. Patharkar has given training to 20 selected students from different groups.

In 2020-2021, our institute got 4th prize in District Level AbhirupYuva Sansad with Cash Prize Rs.5000/- and Miss Snehal Deshmukh B.Sc. III (CMP) has been selected for Best Parliamentary Award conferred with Cash Prize Rs.1000/ and Certificate and also selected for State level organized at Head Quarter Mumbai.

Achievement in the Academic Year 2021-22

In 2021-2022 a group of 20 Students participated in event organized at Shivaji Education College Amravati on dated 13th December 2021 and our institute bagged 1st prize in District Level Abhirup Yuva Sansad. Student of B.Sc.III CBZ group Ms.Sakshi Pantawane has been selected for Best Speaker Award and Second Ms. Sakshi Girolkar B.Sc. III (CBZ) also selected for Best Parliamentary Award and nominated for State level organized at Head Quarter Mumbai

In 2021-2022, our institute achieved Best Group Award from Amravati Regional Centre and received Rs. 10,000/-and for the award of Best Speaker and Parliamentary received Rs.1000/- individually with certificates.

Leadership through Active NSS Unit

NSS unit plants values like righteous conduct, love, national values, and national integration are inculcated. Society problem are also addressed effectively through NSS activities. Team Leader **among Boys and Girl Paves the way for leadership Qualities**

Leadership through publication of Annual Magzine *Sankalp*

Given the writing skill platform to students to express their thoughts and emotion by college annual magazines 'Sankalp' chance for the students leadership is given by nominating students representative in the editorial board.

Leadership through Sports Captaincy

Sports department of our college given training to the students so that they can participate in University, State and National level sports. Other than this student are encouraged to bring new ideas and which are giving them the opportunity that best will be always accepted and they can also actively participate in the development of the college.

Women Leadership through Gender Equality Cell

Scope of leadership is given to the girl students through the gender equality cell. The College contributes towards women empowerment by organizing various activities under the aegis of Gender Equality Cell. The college organizes the women empowerment programs for making them confident enough to struggle the battle of life.

Mentoring has also helped the students to get rid of academic and stress related problems.Due to Student

Mentor Scheme maximum student participated many competition and got rank in competition.

Leadership through "Unnat Bharat Abhiyan"

College runs a program *"Unnat Bharat Abhiyan"* in five nearby villages which helps for the progress of these villages connected with society to perform social responsibility.

The institute consistently motivates the students for their participations in academic competitions and scientific events. The institute takes the quality initiatives by organizing State and National level Seminars, Webinars, Symposiums and Workshops. Excellence in various competitions leads college students towards the national leadership.

File Description	Document
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

- Institution has the functional MoUs and collaborations.
- Career Katta is established in association with Maharashtra Information Technology Support Center and Department of Higher and Technical Education M.S. for Training in Competitive Examination.
- Institute has adapted CBCS pattern in accordance with National Education Policy -2020 from the academic year 2022-2023, which aligns teaching learning process.
- Indian Science Congress Association Kolkata is an autonomous body of Ministry of Science and technology Govt. of India, one of the faculty members is nominated as a Convener of Indian Science Congress Association Amravati Chapter Maharashtra and one faculty member is working as executive member of Amravati chapter.11 faculties of this institute are registered life member of Indian Science Congress.
- Teachers are active members in Amravati University subject associations.
- Director of Physical Education, Mr. A.N. Khan is a member in selection committee for Hockey (Men & Women) on board of sports and physical education, SGB Amravati University. He is extending his services as a coach and manager for hockey (Men) team, SGB Amravati University in interuniversity tournament. His team from west zone received a wining award for which he has been awarded as best coach/ manager by the affiliating university.
- Teachers are involved in quality research which can be evident from the patent from the national and international agencies. A teacher innovative research in Aromatic Compound received a colour coat in research convention "AVISHKAR" and under his guidance students have received awards for last consecutive three years.

Concluding Remarks :

The college has taken a number of initiatives and made gradual advancements in all areas during the post-accreditation period, including academic and physical infrastructure, curriculum planning and delivery, teaching-learning and evaluation, student progression, governance and leadership, institutional values and best practises, and all other related criterion aspects, which are reflected in the college's operations and accomplishments. As a result, NAAC accreditation for Rajarshee Shahu Science College Chandur Railway is merited. This accreditation will mark a significant turning point in the country's efforts to advance science education.

The institution to its fullest capacity and potential with utmost support from all the stakeholders has ensured to set quality assurance mechanism that benefits students, institution and the society. Accreditation process helped the institution in pursuing quality education to our students and excels in academic arena. Our institution has left no stone untouched to meet specific standards and criteria set by an accreditation organization for quality education in higher education. Our college will continue in enhancing the student's life accepting changes incorporated in education policy by the UGC.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
3.3.1	**Number of research papers published per teacher in the Journals notified on UGC care list during the last five years** 3.3.1.1. **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years** Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
---	---	---	---	---
06	04	04	13	08 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
---	---	---	---	---
6	4	4	13	8	 Remark : as per the documents
3.5.1	*Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.* Answer before DVV Verification : Answer After DVV Verification :08 Remark : as per the documents
5.2.1	**Percentage of placement of outgoing students and students progressing to higher education during the last five years** 5.2.1.1. **Number of outgoing students placed and / or progressed to higher education year wise during the last five years** Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
---	---	---	---	---
70	34	28	20	14 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
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70	34	28	20	14 | 5.2.1.2. **Number of outgoing students year wise during the last five years** Answer before DVV Verification: | 2021-22	2020-21	2019-20	2018-19	2017-18	

| 120 | 89 | 91 | 76 | 104 |

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
101	88	90	34	63

Remark : AS PER DOCUMENTS

5.3.1	**Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years** 5.3.1.1. *Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years* Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
6	7	3	2	2 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
5	5	3	2	2 | Remark : as per the documents

6.3.2	**Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years** 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** Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
02	02	02	07	00 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
02	02	02	5	00 | Remark : Edited as per the input given by the HEI

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of teaching staff / full time teachers during the last five years (Without repeat count):** Answer before DVV Verification : 16 Answer after DVV Verification : 16
1.2	**Number of teaching staff / full time teachers year wise during the last five years** Answer before DVV Verification:

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
16	16	16	10	10

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
16	16	16	10	10

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
55.828972	9.676254	26.8827226	22.2776662	28.995318

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
55.83	9.6763	26.883	22.2777	28.995

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