Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**GOVERNMENT SCIENCE COLLEGE, GADCHIROLI**
Name of the head of the Institution	**Dr. Hemlata Chaudhari Wankhede**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**07132-233539**
Mobile no.	**9423151212**
Registered Email	**prigscgadchiroli@gmail.com**
Alternate Email	**iqacgscgad@gmail.com**
Address	**Chamorshi Road, Gadchiroli**
City/Town	**Gadchiroli**
State/UT	**Maharashtra**
Pincode	**442605**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Dr. Mandar Paingankar**
Phone no/Alternate Phone no.	**07132233539**
Mobile no.	**9226112383**
Registered Email	**iqacgscgad@gmail.com**
Alternate Email	**mandarpaingankar@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://gscgadchiroli.ac.in/UploadedAssets/GscIQACDoc-636991201434024478.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.gscgadchiroli.ac.in/Academic

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	**B**	**2.61**	**2014**	**10-Dec-2014**	**09-Dec-2019**

6. Date of Establishment of IQAC	**22-Jun-2019**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Molecular Biology techniques workshop	**23-Jan-2020** **1**	**92**

One Day National Workshop on women empowerment	24-Sep-2019 1	153
One day National Workshop on Intellectual Property Rights	27-Dec-2019 1	85
Organized Faculty Skill enhancement Programmes	03-Feb-2020 1	39
Proposals submitted to funding agencies and implemented and utilized the grants	28-Aug-2019 1	10
Organized regular research Orientation by IQAC for Faculty & Students	16-Jul-2020 1	8
Provided guidance and financial support to needy students	28-Aug-2019 1	32
Language Laboratory establishment	20-Jan-2020 2	18
Smart Class Rooms training	16-Jan-2020 1	12
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	2020 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities	**No**

during the year?	

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Workshop on IPR Establishment of Smart Class Rooms Establishment of Language laboratory National Workshop on Women Empowerment Zoology lab has been recognized as CHLR (Research Lab)

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
MOU with other institutes	MOU is made with six institutes
Submission of SSR	SSR submitted to NAAC
Equipments in departments	Instruments of a total of two crore rupees were purchased and installed
CHLR Zoology department	CHLR status to Zoology department and six PhD students registered
Learning management system implementation	Learning management system MOODLE server installed and students started using MOODLEon
To establish of Language laboratory and Smart Class Rooms	Language laboratory and Smart Class Rooms Established
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	29-Feb-2020
17. Does the Institution have Management Information System ?	No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

College is affiliated to Gondwana University . Board of studies of Gondwana University design and implement the curriculum of courses and College follows the curriculum developed by Gondwana University. Regular theory and practical classes were taken and syllabi are completed in time. For effective implementation of the curriculum, the Principal of the college conducts meetings with the various stakeholders to develop strategies for effective implementation of the curriculum. Teachers are encouraged to impart the curriculum through innovative teaching methods such as use of audio visual clips, learning management system, presentations, assignments, discussions, workshops, seminars and industrial visits besides the regular/traditional chalk and talk methods .College follow the academic calendar provided by the Gondwana University which is circulated to all departments. At the beginning of the semester we prepare standards based Teaching Plan. Faculty members maintain teacher diary throughout semester. The College encourages its faculty members to participate in Orientation/Refresher Courses/ Workshops/ Seminars organized by the University so as to update their knowledge and to improve the teaching practices. The college provides ample books and other teaching and reference materials like journals, magazines, teaching models and software to enable its teachers to ensure effective delivery of curriculum. Encouraging innovation in learning and teaching – planning how practice can be shared amongst lecturers Establishing MOUs with various institution. Every Faculty member is tried to achieve PEOs and POs- Programme Educational Objectives and program objective of each branch of study are framed. The teaching and laboratory plans are approved by Head of Department (HOD) before the start of semester and communicated to students by respective course teacher. The course files are evaluated by Internal Quality Assurance Committee (IQAC) with help of concerned senior subject teacher and HOD. IQAC monitors the academic activities on regular basis to ensure the execution of timetable. It also monitors execution of academic calendar and teaching learning process and finds the gap, if any. The academic performance of students is continuously monitored by conducting unit tests, mock practical examinations during the semester (Formative assessment). Employing learner centric techniques such as assignments, peer learning, group discussion, brain storming, use of NPTEL lectures, case studies, projects, quiz etc., in the delivery of the academic courses.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
0	0	01/08/2019	0	0	0

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
PhD or DPhil	Zoology	23/11/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System

BSc	BSC III	01/06/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Nil	01/08/2019	0

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	CHEMISTRY,BOTANY & ZOOLOGY	48

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

College collect feedback from various stakeholders like students, teachers, non-teaching staff, parents and alumni through questionnaire through online mode. Questionnaire prepared on google forms and forms were circulated to stakeholders through email, Whatsapp and facebook. The link for feedback was also displayed in feedback menu on college website. Feedback form analysis committee of the college analysed the feedback forms received from students, alumni, employee and teachers. Separate meetings were conducted with students, teachers, parent,alumni and non teaching staff and different issues were discussed. Based on feedback analysis proper actions was used to take for improve the teaching-learning process. The report placed before the governing council for continuous improvement in the areas where the questions are under performing than the institutional average.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	CBZ, PCM AND PCOM	720	601	450

MSc	CHEMISTRY,BOTANY AND ZOOLOGY	132	192	109

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	450	109	8	8	8

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
8	8	5	8	3	1

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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The College has Student mentoring system where teachers look after the students with respect to their any academic, financial and social problems if any and guide or help them to resolve their problems. College staff with mentoring where in 15 to 20 students are assigned to each teacher who acts as their mentor for the entire session. Mentor regularly interacts with the students and monitor their academic performance and attendance, for both educational and personal guidance, Students counseling, additional lectures etc and works for creation of a better environment in college. The students are given guidance for career like different competitive examinations like MPSC,UPSC,SSC,NET,SET,GATE etc, higher education like PG and Research , personal besides academic issues. The frequent meetings of mentor teachers are conducted in which students meet their mentors for academic issues. Students with less attendance due to health issues or any other are asked to call parents for personal meet or parents- mentor meetings. Mentor has to keep the data of slow and advanced learner and take necessary action for slow learner provides remedial coaching ,positive built up for university exam, unit test, theory, practical and extracurricular activities .The mentors of the class pay attention and discusses with each and every student individually to supports them in all the possible ways to enrich their academic performance and to minimize the student drop out rates. The Remedial Classes works very good in the identified topics/subjects for slow learners. Advanced learners identified and encouraged with incentive prizes for excellence in University examinations and Sports felicitate with prize.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
559	8	01:70

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
14	8	6	0	6

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National,

International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	NIL	Assistant Professor	NIL

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	ZOOLOGY	SEM I	31/10/2019	21/12/2019
MSc	BOTANY	SEM I	30/10/2019	25/12/2019
MSc	CHEMISTRY	SEM I	31/10/2019	19/12/2019
BSc	CBZ PCM CS	SEM V	04/12/2020	22/01/2020
BSc	CBZ PCM CS	SEM III	22/10/2019	26/11/2019
BSc	CBZ PCM CS	SEM I	28/10/2019	28/11/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The college follows its internal evaluation system which we feel is quite robust in terms of frequency, variety transparency. As regards to frequency, four unit or class tests are conducted during the year and carried out as a consolidated college activity. In addition, teachers individually carry out various assessment activities like additional class tests, home and class assignments, presentations and field tasks etc. These evaluation activities are conducted meticulously at regular and frequent intervals during each academic session. As regards to the variety of Continuous Internal Evaluation(CIE) tasks, there is a wide range of activities conducted by our college. The conventional pen and paper tests are an integral part of these evaluation processes. In addition to this,PG departments also conduct the online tests of students using piazza and plickersapplications. Besides, our teachers insist on Power Point Presentations by students in front of the entire class. Similarly, seminars on various topics of relevance are conducted twice every year. Teachers also allocate class and home assignments to the students as per their learning abilities. We also encourage group activities such as group discussions Seminars. Similarly field tasks such as visit to industries, educational tours are also encouraged and students are assessed as per their level of participation. Poster display competitions are organized and students exhibiting their talent are awarded and graded by the experts. The transparency of the overall CIE process is ensured through adequate advance intimation of all CIE activities to the concerned students, including the timing, the nature and the format of the assessment activities. This intimation is given through general notices that are displayed by each department and oral announcement in class by the respective teachers. Intimations through whatsapp groups and Broadcast lists are also a practice followed at our college ensuring the transparency of internal evaluation. A broad calendar of the assessment stages and procedure are announced right at the beginning of the year. The performance records on the tests are made available to the students and can be discussed

with the teachers if they wish. Teachers also try to ensure that the students get a chance to understand and interpret various CIE tasks in relation to overall curriculum and thus supplement their own preparation for the final university examination. We also organized Parents-Teacher Meet in the college, where in the pupils, parents, and teachers get an opportunity to share and discuss the growth /or problems of the students. Thus, it can be inferred that all the above practices which are being followed at our college are robust in nature as far as frequency and transparency is concerned. Students are made aware of their responsibilities and teachers are trained for their commitment. The teachers and students follow these practices and grievances of the students (if any) are handled without any prejudice. This creates an atmosphere of trust between the teachers and overall development of the students is ensured through the support system of internal assessment.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic year starts as per academic calendar of Gondwana University. The university prepares and publishes the academic calendar for the academic year which includes plans for curricular and co- curricular activities based on the available working/teaching days as per university norms. The academic calendar of the college is prepared in concurrence with the University calendar which is prepared in advance before the commencement of the semester. Approval for the same is taken by head of departments and Principal of the college. The academic calendar is given to all faculties before commencement of the semester. Based on the academic calendar teaching plan is prepared. Academic calendar of the Institute includes schedule of curricular assessment, technical events, class tests, submission, list of holidays and extracurricular activities. Students are informed about time table and academic calendar well in advance by uploading information on website. Detail teaching methodology according to syllabus is prepared by every department before start of the semester. The lesson plan comprises of content, learning aid and methodology, faculty approach and course outcomes. The lesson plan generally highlights the content and total lectures for completion of the curriculum. Monitoring of implementation of lesson plan is done by HOD.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://gscgadchiroli.ac.in/Academic/ProgramAndCourseOutcome

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
UG	BSc	CBZ, PCM ,PCOM	144	133	92.36
PG	MSc	CHEMISTRY, BOTANY, ZOOLOGY	47	32	68.08
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Total	0	0	0	0

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
One day National Workshop on Intellectual Property Rights	GOvernment Science College Gadchiroli	26/12/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	01/08/2019	0

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	NIL	NIL	NIL	NIL	01/08/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	01

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
CHEMISTRY	2

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Zoology	2	1.6
International	Chemistry	3	0.2
National	Chemistry	2	0

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department		Number of Publication
0		0
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Synthesis, Characterization And Antimicrobial Screening Of Some Novel 5-(Benzofuran-2-Yl)-N-(2-Substituted-4-Oxothiazolidin-3-Yl)-1-Phenyl-1hpyrazole- 3-Carboxamide Derivatives	M. idrees, S. Kola, N. J. Siddiqui	Rasayan Journal of Chemistry	2019	0.27	Government Science College Gadchiroli	7
Altered microRNA expression signature in Chikungunya-infected mammalian fibroblast cells	D Parashar, MS Paingankar, A More, P Patil, S Amdekar	Virus genes	2019	1.7	Government Science College Gadchiroli	4
Molecular phylogeny unveils hidden diversity of hillstream loaches (Cypriniformes: Cobitoidea) in the northern Western Ghats of India	A Keskar, R Raghavan, MS Paingankar, P Kumkar, U Katwate, S Jadhav, Dahanukar N.	Meta Gene	2019	0.36	Government Science College Gadchiroli	3

| Pollution and environmental stressors modulate the microbiome in estuarine mangroves: a metagenome analysis. | M Paingankar, D Deobagkar | Current Science | 2019 | 0.841 | Government Science College Gadchiroli | 7 |

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Synthesis, Characterization And Antimicrobial Screening Of Some Novel 5-(Benzofuran-2-Yl)-N-(2- Substituted-4-Oxothiazolidin-3-Yl)-1-Phenyl-1hpyrazole- 3-Carboxamide Derivatives	M. idrees, S. Kola, N. J. Siddiqui	Rasayan Journal of Chemistry	2019	3	7	Government Science College Gadchiroli
Altered microRNA expression signature in Chikungunya- infected mammalian fibroblast cells	D Parashar, MS Paingankar, A More, P Patil, S Amdekar	Virus genes	2019	3	4	Government Science College Gadchiroli
Molecular phylogeny unveils hidden diversity of hillstream	A Keskar, R Raghavan, MS Paingankar, P Kumkar, U Katwate, S	Meta Gene	2019	3	3	Government Science College Gadchiroli

loaches (Cypriniformes: Cobitoidea) in the northern Western Ghats of India	Jadhav, Dahanukar N.						
Pollution and environmental stressors modulate the microbiome in estuarine mangroves: a metagenome analysis.	M Paingankar, D Deobagkar	Current Science	2019	3	7		Government Science College Gadchiroli

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	4	0	0

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Employment Guidance Program	Lok Nirmiti Tek media,Nagpur	5	138
'31ST DECEMBER DEADDICTION ANTI ALCOHOL RALLY PROGRAM STREETPLY COMPETITION'	MUKTIPATH Organization,Gadchiroli	1	38
Alcohol Tobacco Expenditure Survey' in Different wards of Gadchiroli City	SEARCH Organization ,Gadchiroli	2	15
Alcohol Tobacco Expenditure Survey Workshop	SEARCH Organization ,Gadchiroli	2	20

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
31ST DECEMBER DEADDICTION ANTI ALCOHOL RALLY PROGRAM STREETPLY COMPETITION	First Prize	MUKTIPATH Organization,Gadchiroli, NSS Dept. Gondwana University Police Deptt. Gadchiroli	15
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Awareness about different Govt. schemes	The Directorate of Information Public relations with the support of UNICEF and Higher and Technical Education Departments,Mumbai	YUVA MAHITI DOOT	1	89
Awareness about HIV AIDS	Maharashtra State AIDS Control Society (MSACS)	The Basic information about HIV AIDS	2	85
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
NIL	0	NIL	0
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
NIL	NIL	NIL	01/08/2019	01/08/2019	0
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs

Gondwana University, Gadchiroli	30/08/2019	Teaching, Research, Laboratories etc.	45
Institute of Science, Nagpur	02/09/2019	Research and Laboratories	25
Institute of Forensic Science, Nagpur	05/09/2019	Teaching, Research and Laboratories	15

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
202	194

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Existing
Campus Area	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Software of University Library (SOUL) software	Partially	2.0	2020

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	1042	177000	0	0	1042	177000
Reference Books	17229	3756000	0	0	17229	3756000
e-Books	3387	16500	0	0	3387	16500
Journals	14	18000	1	35000	15	53000

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	01/08/2019

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	90	2	90	3	2	4	6	100	0
Added	20	0	20	0	0	0	0	0	0
Total	110	2	110	3	2	4	6	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
GSC media Center	https://www.youtube.com/channel/UCFenulgONHfDjstiTSAM6Bg

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
305	216	12	11.75

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The Institute has a Local Advisory Committee that deliberates every year on the various infrastructural and academic needs of the Institute. Institute makes budgetary provision under different funds for maintaining and utilizing the campus infrastructure facilities. Various monitoring committees such as purchase committee, building committee, hostel monitoring committee, library committee ensure that the allocated funds are utilized judiciously. The details of budget allocation for maintenance and repairing of physical, academic and support facilities for the current year. To maintain the infrastructure campus facilities and equipments, following activities are undertaken by Institute. • Maintaining department wise stock register. • Department wise annual stock verification. • Regular maintenance of laboratory equipments and chemicals. • Overall maintenance of campus by campus discipline and cleanliness committee of

the Institute. • Regular cleaning of water tanks, proper disposal of garbage, pest control, landscaping and maintenance of lawns. • Maintenance of all facilities and cleanliness of environment in hostel by hostel monitoring committee. • Outsourcing is done for maintenance and repairing of CCTV, computers, internet facilities including leased lines, Wi-Fi and broadband, updating of softwares. • Maintenance of wooden furniture of institute is done as and when required with the help of PWD and other agencies. • Electrification, and plumbing work by state PWD. • The maintenance of the reading room and stock verification of library books is done regularly by library staff. Librarian presents Annual Library Budget of various departments for each subject. • This committee deliberates on the budgetary allocations, evaluates the previous years library activities and proposes new services, acquisition for the current year. • Sports and gymnasium is managed by the Sports Committee that advises the Physical Education Director in planning optimum utilization of sport facilities. Outsourcing is done for the maintenance of gymnasium. The grounds for various sports are maintained regularly. • Classrooms are provided to get opportunity of ICT based teaching in the smart classrooms for all the departments. The Time-Table committee and the faculty Coordinators chalk out time-table, semester-wise. • The institute has obtained a dedicated power line from the Electricity Board of Maharashtra State. • For providing fluctuation-free, uninterrupted electric supply, equipments in the Instrumentation Laboratory are connected to a dedicated UPS. For the optimal performance of sensitive equipment, the room is air-conditioned. Continuous supply of water is ensured for special equipments requiring constant water supply, through water pipe lines connected to overhead tanks and a water sump of sufficient capacity. Chemicals are stored as per the standards specified by the suppliers.

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CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	--	0	0
Financial Support from Other Sources			
a) National	GOI Scholarships Freeships	288	540525
b)International	--	0	0
No file uploaded.			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Spoken tutorial IIT Bombay	25/11/2019	385	IIT Bombay
Yoga and Meditation	21/06/2019	55	Deptt. of NSS and Physical Education and Sports
Soft skill development	19/07/2019	485	NSS Department and all other

			Department of the college
Language lab	31/01/2020	185	Words Worth

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	Competitive Exam Guidance Program CAREER COUNCELLING AND PLACEMENT CELL	128	123	2	0

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
00	0	0	00	0	0

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	27	B.Sc (CBZ,PCM PCoM)	Chemistry, Botany,Zoology, Mathematics,Physics, Computer Science	Gondwana University, Gadchiroli RTM Nagpur University,Nagpur	M.Sc, MBA, MCA

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year

(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	**2**

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
GAMP CHASHAK one day open rapid chess tournament – 2020	**State level**	**202**

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5.3 – Student Participation and Activities

5.3.1 – 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	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	**01st place in Judo/ Taekwondo**	**National**	**1**	**0**	**2018033700 019618**	**Miss. Monika M. Sonkusare**
2020	**03rd place in Karate**	**National**	**1**	**0**	**2019033700 005401**	**Mr. Chetan O. Lohkare**
2020	**03rd place in Karate**	**National**	**1**	**0**	**2019033700 005498**	**Mr. Skhitij A. Vigam**
2020	**03rd place in Karate**	**National**	**1**	**0**	**2019033700 005343**	**Mr. Aniket S. Dikondawar**

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The college encourages students to participate in various academic, co-curricular, extra-curricular, sports and student council. Student council is established as per the guidelines given by Gondwana University for the academic year. The student council representatives are selected on the merit basis and few are nominated by the Principal. Student council members participate in various activities of the college and provide suggestions. Every year annual social gathering "SPECTRUM'' is organized. This event is organized by students with the support and guidance of faculty members. The major activities are sports, cultural, academic competitions. Every spectrum is celebrated with special theme such as election voter awareness, women empowerment etc. Students also participate in committees such as Sexual Harassment Prevention Committee and Anti-Ragging Committee etc. Students actively participate in proceedings of committee and plays important role in decision-making. Online and offline feedback mechanism is available in college and it helps in improving the academic planning, grievances about academic and facilities provided to them. Career Counseling and Placement Cell is also works for the future betterment of the students. The cell in collaboration with private companies and NGO carried out certain Placement drive and students are benefitted by Selection order in Reputed Company and makes appointment in different parts of the country.

Students also participate in National Service Scheme (N.S.S.) which includes various Regular Programs and Seven Days special college level camp at adopted village during the academic session. The NSS executes social service programs where students participate at college level and also attends the college, university, state level camps and also participated in National Integration Camp becomes more social, helps to improve their personality development and more responsible person towards society. Few students of the college also joined Non Government Organization working in the field of social work.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

02

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The Principal of the college looks after routine and micro level management and its regular progress and development. The responsibility of administration primarily lies with the Principal. Financial resources are managed by the Principal. Adequate representation of teaching and non-teaching staff, and in some cases, of students and alumni is ensured for decentralization. The college ensures decentralization and thus delegates authority at different levels ensuring good governance. Powers are delegated to the Head of Department (HoD) in conducting seminars, preparation of class work, distribution of work to the faculty, inclusion of new and innovative experiments etc., with the help of various committees. The HoDs prepare the academic schedule in consultation with the faculty members of the department. The administrative department gives certificates like bonafied, attendance, railway concession, etc., independently as per the requirements of the students. The college promotes and benefits from the culture of participative management. Leadership in the institute always recognizes the significance of the views of all the employees and hence practices this culture meticulously. All the faculty members meet, discuss, share their opinion and plan to conduct various events on behalf of the institute and committees are formed to conduct the event smoothly. Faculty members are also involved in providing inputs in framing the course and examinations to be conducted by the institute. At functional level the faculty members participate in sharing the knowledge by discussing on the latest trends in technology during faculty meeting. The head of the institution is responsible for academic and administrative activities of the institution. All the staff members actively participate in implementing the policies, procedures, and framework designed by the Government of Maharashtra in order to maintain and achieve the quality standards. The college is keen on the involvement of staff for improvement of effectiveness and efficiency of the institutional process. The Institute has always been in favor of participative

	management.

6.1.2 – Does the institution have a Management Information System (MIS)?

No

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	College follows the rules and regulations laid by Government of Maharashtra.
Library, ICT and Physical Infrastructure / Instrumentation	The institute widely uses the latest technology in the classrooms as well as laboratories for effective teaching learning. Library resources are made available to all the students well in time and meet the requirement of regulatory and affiliating body and also fulfill needs of the faculty and students for their active research.
Research and Development	The Zoology department has been recognized as Centre for Higher learning and Reaearch (CHLR) by Gondwana University,Gadchiroli.Institute purchased instruments related to Research in Botany, Zoology, Physics and chemistry.
Teaching and Learning	In order to have smooth conduction of teaching throughout the semester meticulous planning is done prior to the commencement of the semester. Weekly syllabus completion status is maintained. Tests and tutorials are conducted on a regular basis, to ensure that the students grasp the concepts being delivered in the classrooms and laboratory sessions. A feedback mechanism for the faculty by the students facilitates in effective conduction of the teaching learning process.
Curriculum Development	Being the affiliated institute, the institute does not have much academic flexibility. However, looking into the requirement of industry and studying the gap between the industry requirements and university curriculum, institute has taken the initiative to introduce bridge courses and other supplementary learning platforms.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details

Planning and Development	Scholarships are directly credited to the accounts of beneficiary students through NEFT.
Administration	Employee information is updated in the Government of Maharashtra's Management Information System of Higher Educational System (DHE-MIS).
Finance and Accounts	Pay roll and financial transactions are done through Sevarth e-portal. The purchasing is carried out through Government e-Marketplace and e-tendering process.
Student Admission and Support	The UG and PG admissions are done through offline mode then List of admitted students under Graduate and Post Graduate displayed on college notice board. The group wise, caste wise, gender wise list of admitted students display on college website. Admissions are given to students as per the rules and regulation of Govt. of Maharashtra. The student got the benefit of Different scholarships, freeships and other schemes.
Examination	Semester end examinations (Winter and summer) are conducted by Gondwana University,Gadchiroli. The theory examination is conducted by conventional method but the question paper is provided to all the centers via university examination software on the same day of examination two hours before start of exam which is downloaded by joint Chief Supervisor. Then as per the number of examinee the question papers print out was taken and provide to the examinee. The valuation for Post Graduate examinations are done by onscreen valuation method and for Under graduate by conventional method. The internal marks of theory papers, practicals,seminar and incentive marks of Sports and NSS submitted to university online through Examination Section Portal.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	0	0	0	0
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	NIL	NIL	01/08/2019	01/08/2019	0	0

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
"University and PG College M.Sc Teachers Training Program in Biology/Life Sciences" (21 Days Residential Training Program equivalent to UGC Refresher course)	3	16/06/2019	06/07/2019	21

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	1

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Being a state government owned Institute c) Group Insurance facility d) Leave Travel Concession within Maharashtra e) Various leave facility i.e. medical leave, casual leave, earned leave etc. f) Duties leave to faculty members for attending national and international conferences/seminars/workshops/	Being a state government owned Institute employees are provided the following welfare facilities- a) Provident fund facility b) Medical expenses reimbursement facility c) Group Insurance facility d) Leave Travel Concession within Maharashtra e) Various leave facility i.e. medical leave,	Various Govt. of India (GOI) Scholarships, freeships and Fee waiver facility by College. Tulasabai chaudhari award to meritorius student

guest lecturers/referee. g) Recreation and sports facilities for staff and faculty on the campus made available to them free of cost h) Special duty leave to staff for participation in sports events held at state, national and international level i) Pension scheme after retirement as per state government norms j) Providing employment to dependent successor of deceased employee on compassionate ground k) Various loan facilities e.g. housing loan, computer, vehicle loan etc. l) Medical reimbursement facility for family of employee. employees are provided the following welfare facilities- a) Provident fund facility b) Medical expenses reimbursement facility	casual leave, earned leave etc. f) Recreation and sports facilities for staff and faculty on the campus made available to them free of cost g) Pension scheme after retirement as per state government norms h) Providing employment to dependent successor of deceased employee on compassionate ground i) Various loan facilities e.g. housing loan, computer, vehicle loan etc. j) Medical reimbursement facility for family of employee.	

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Audit of Government college is conducted by Accountant General (AG). The utilization of current year approved budget along with the budget projected for the forthcoming year is submitted to Director higher education, Pune every four months. Unless Account statement is verified, the budget for forthcoming year is not sanctioned by Director higher education. So it is in way similar to internal audit. AG audit is done once in five years. The audit of funds received from various funding agencies, like DPC RUSA is done by A.G. The utilization certificate for all the grants is submitted to the respective agencies. For any audit objection, the mechanism for settlement is as under- 1.Personnel from Office, Nagpur are deputed for carrying out audit work. 2.On conclusion of audit of a particular period, EAP (A. G.) inform their final objections/queries (If any) to the Head of the Administrative Unit i.e. Principal of our college in the form of an Audit Report. 3.EAP specify the control issues i.e. they comment on the points where the controls are required to be established or tightened to avoid repeating the same mistakes in future. 4.On receiving information of audit objections/queries, remedial actions are immediately initiated regarding the monitoring of internal controls to avoid repetition of the objection. Follow up is carried out regularly so that compliance of the observations is done within shortest possible time. 5.EAP provides a time limit for settlement of objections if there are major pending audit objections. Such matters are followed up and monitored periodically to ensure timely compliance. Although we try to comply with the audit objections within time frame, there are certain issues which can only be settled by the higher authorities. In such cases higher authorities are informed and requested

to sort out the discrepancies at their earliest. 6.The Audit objections are settled with proper compliance and communicated to the A. G. by Principal of the college.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
00	0	00

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6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Gondwana University Gadchiroli	Yes	Internal Audit Committee
Administrative	Yes	AG Office , Nagpur	Yes	Internal Audit Committee

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Nil

6.5.3 – Development programmes for support staff (at least three)

Nil

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. New PG course in Chemistry, Botany Zoology started 2. Establishment of Hostel buildings for Boys and Girls 3. Establishment of Center for Higher Learning Research (CHLR) in Chemistry, Botany Zoology Department 4. Smart Classrooms and Language laboratory

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	One Day National Workshop on "Women Empowerment and Gender	24/09/2019	24/09/2019	24/09/2019	153

| 2019 | One Day National Workshop on "IPR" | 24/09/2019 | 27/12/2019 | 27/12/2019 | 85 |

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
One Day National Workshop on "Women Empowerment and Gender Equality"	24/09/2019	24/09/2019	115	38
'Cyber Crime On Women & Child'	03/01/2020	03/01/2020	91	15

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

1. Solar energy : The college is aware about the non-renewable source of energy and understanding its limited sources we have installed the solar lights in the college premises since past many years to conserve and save the electricity. However, we have submitted a proposal to the District Planning and Development Committee, Gadchiroli for financial assistance to install the solar panels. This will further connected to the power grid of Maharashtra power distribution department. 2. Biogas plant 3. Weeling to the Grid 4. Sensor-based energy conservation 5. Use of LED bulbs/ power efficient equipment 6. The college has taken care to install the LED lights in newly constructed labs, classrooms and hostel and tried to replace the existing fluorescent lights with LED one for saving the energy in the entire campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	449
Provision for lift	No	0
Ramp/Rails	Yes	0
Braille Software/facilities	No	0
Rest Rooms	Yes	275
Scribes for examination	No	0
Special skill development for differently abled students	No	0

Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	4	4	26/12/2019	04	Alcohol Tobacco Expenditure Survey Workshop, Alcohol Tobacco Expenditure Survey' in Gadchiroli City, '31ST DECEMBER DEADDICTION ANTI ALCOHOL RALLY PROGRAM STREETPLY COMPETITION' and Employment Guidance Program	NSS Volunteers, Local civilians of Gadchiroli City, and College students	221

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
A handbook of Code of conduct for stakeholders	11/01/2019	We believe in unity and diversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain

the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony. The diversity in India is unique. Being a large country with large population. India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world. To represent our Indian culture, on the eve of our college annual gathering we organize a traditional dress competition and fashion show. In this competition students wore the different attire representing the different states, religions and cultures. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the college and society.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tree Plantation	01/07/2019	03/07/2019	25
Anti Tobacco Common Pledge Program	11/07/2019	11/07/2019	85
Swachhta Pakhwada (Fortnight)	01/08/2019	15/08/2019	55
National Sports Day - 29 August with common SPORTS	29/08/2019	29/08/2019	78

PLEDGE			
Helping hands to Flood affected area of SATARA,SANGALI AND BHAMARAGAD	30/08/2019	31/08/2019	15
Establishment of 'Red Ribbon Club' (RRC)	23/09/2019	23/09/2019	15
'PLASTIC-POLYTHENE BAGS COLLECTION CLEANNESS DRIVE'	02/10/2019	02/10/2019	25
NSS Volunteers helps to Physically Handicapped peoples, above 80 years old age persons Pregnant Mother at Polling booth centre for Assembly Election-2019.	21/10/2019	21/10/2019	10
Constitution Day' -26 Nov	26/11/2019	26/11/2019	84
'CYBER CRIME ON WOMEN CHILD' an awareness program	03/01/2020	03/01/2020	97

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Solar Energy 2. Wheeling to the Grid - The proposal for the installation of roof top solar energy plant is submitted to RUSA 3. Use of LED bulbs/ power efficient equipment 4. Solid Waste Management 5. Say NO to PLASTIC

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Practice 1: No Vehicle Day Practice 2: NET SET and Competitive exam guidance 1. Goal: To raise environmental sensitivity and awareness among students about the vehicular pollution. To create awareness about global warming caused by fossil fuel burn and its impact on Indian economy. To encourage for using the bicycles and public transportation system in reducing the carbon footprints. 1.The context: our college is just outside the vicinity of Gadchiroli city. The Municipal Corporation and college doesn't provide the public transportation facility and the other efficient modes of commuting aren't available to reach the college. So most of the students and faculties rely on their personal bikes and vehicles. Environmentalists all over the world are raising concerns over the global warming and impact of motor vehicles in emission of poisonous gases. We, at the college level, are doing our own small act by abstain the vehicles on every Saturday in our premise. It's became a fashion and trend to use the vehicles even for small distance by the society, mostly by the youngster. It feels ashamed and embarrassing to them to walk or use the bicycle. Being a science students we must understand the negative impact of fossil fuel on our planet and ultimately on our health. Therefore we should try to avoid the vehicles for small distance. To inculcate this habit college has made a rule for every student and faculties not to come in the college by vehicle on every

Saturday. It will help somehow to reduce the poisonous gases exhausted in the atmosphere by the motor vehicles. We are mostly relying on the fossil fuel imported from the gulf countries to cater our energy requirements and our country is spending a handsome foreign currency for buying it. By practicing we can bring down our fuel consumption and save some bucks. This will help us to reduce the air pollution, keep us active, healthy and boost our economy. Evidence of success: 1.On every Saturday no one use to bring their vehicles in the college. 2.Students and staff enjoying using the bicycles and having a walk to come in the college. 3.Students are having the self-satisfaction and patriotic feelings is developed as they are contributing to conserve the nature and saving the governments money for which they need not to go at border. 4.They become aware about bad impact of vehicles on the nature and encouraging their friends and neighbors to use bicycle or electric bike for travelling in the city. Practice 2: NET SET and Competitive exam guidance 1.: Promotion of academic development of students is the prime motive of our college. To encourage our students prepare and appear in NET, SET and competitive examination. To groom them properly through a question bank and mock examination. 2.The context: Our College is mainly established to provide the education to socially and economically deprived students of this remote district. Most of the students are the first generation learners and they don't know much about the different carrier opportunities after completing their education. In this regard college library is made enriched with lots of books for competitive examination and along with this we have prepared a question bank for the NET and SET examination aspirants. Gadchiroli is well known for the tribal communities and dense forest. Most of the population lives in small villages and hamlets. They rely mainly on monsoon agriculture and forest resources for their livelihood. Since most of the communities are socially deprived most of them don't afford to take education in private schools and colleges. Government has started the residential schools for them in their localities and Zilha Parishad also take cares that none of the student should remain destitute from taking the education. After completing their school and intermediate studies they come for graduation without keeping any aim. By the end of graduation they decide to appear for various competitive examination and post graduate students prepares for NET and SET examination. By keeping this in mind we have prepared a question bank for NET and SET examination and the same are uploaded on the college server for conducting the mock examination. The question bank is also shared with the students for initial preparation. Each student will get the random question through server this will help them to understand the pattern of examination. 1.Evidence of success: 1.Whenever students wish to appear for examination we arrange the mock examination for them. 2.The question bank helped them to understand the type of questions usually asked in the examination and also help them to do self analysis for better preparation. 3.In the mock examination students can get the result soon after submitting the paper. 4.This kind of tool developed the confidence in students, so that they can appear for the examination fearlessly. 5.The outcome of this software base examination is some students have cracked the NET and SET examination.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.gscgadchiroli.ac.in/UploadedAssets/GscIgacActivityDoc-637221012903454047.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Government Science College in shaping and strengthening its constituent post

graduate and research center has been quite encouraging and noteworthy. The PG Centers constitute an integral part of the academic structure of college. The establishment of Government Science College Gadchiroli, as a state run Institution is in furtherance of enhancing the access to Higher Education in predominantly backward and tribal areas of Gadchiroli District in Maharashtra State, with equal emphasis on equity. In accordance with this strategic thrust, Government Science College Gadchiroli has embarked upon nurturing its three PG Centres as leading Centers of Learning. The college had set out with the creation of basic infrastructure and introduction of three PG Courses, M.Sc. Botany, Zoology and Chemistry. Through proper planning and strategies, the institution focuses at delivering to its best to support the vision of the college. College goal is to emerge as a Centre of Academic Excellence in creating and disseminating knowledge and providing students a unique learning experience in basic Sciences. The college wishes to emerge as a Centre of Academic Excellence by providing students opportunities for learning the subjects to earn the desired degree and also help them to gain knowledge and skills in subjects beyond the course to make the students ready for the present global job market and mould them to skilled professionals. The college promotes research and development for the faculty and students. College encourages teacher to publish research articles and papers and membership of professional bodies. This has resulted in good number of publications to direct the college to achieve its goal to become a centre of excellence. The college also creates an enabling environment to foster research culture. The college makes information related to research and innovation available by circulating related notices. Students who wish to pursue higher studies are given free GATE, NET/SET and competitive examination classes. Some students have emerged as a professional of high level and they are pursuing successful career in Government and semi Government institutes. Few of our students have qualified in competitive exams and are working in Govt. organizations. Some of the students have qualified GATE and NET-JRF examination and pursue higher studies like Ph.D in premier institutes. Some students have become entrepreneurs and established their own business. SEM and instruments available in the college.

Provide the weblink of the institution
https://www.gscgadchiroli.ac.in/Academic/AcademicReforms

8.Future Plans of Actions for Next Academic Year

Infrastructure development for online classes Land development in college campus Connecting solar panels to grid Starting post graduate course Up-gradation of infrastructure facilities and creation of incubation center Acquiring special knowledge and skills to improve teaching and learning Overall development of academic faculty and administrative staff in quest of excellence in higher education