



# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

**GOVERNMENT SCIENCE COLLEGE AMBIKAPUR**

**AMBIKAPUR DISTRICT - SURGUJA  
497001**

**[www.scienceclgambikapur.com](http://www.scienceclgambikapur.com)**

**SSR SUBMITTED DATE: 06-08-2021**

**Submitted To**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**August 2021**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Government Science College Ambikapur is a distinctive and exclusive science college in Surguja Division in Chhattisgarh offering education purely on science subject to the students of this area. The area is scheduled as tribal area. A majority of the students belong to ST/SC and OBC category. Established in 2013, in its inception the College was started in the premise/campus of Rajiv Gandhi Government P.G. College Ambikapur and shifted to its own building in the outskirts of Ambikapur city Keshavpur in 2017. Now the College has 6.001 hectares of land in its possession surrounded by paddy fields. The College is distinctive also in the sense that it is the only College in the division which offers Microbiology, Biotechnology and Information Technology along with other traditional branches of science like Chemistry, Botany, Zoology, Maths and Physics. All these subjects are categorized into five groups:

1. Bio Group – Botany, Zoology and Chemistry
2. Microbiology Group – Microbiology, Botany/Zoology and Chemistry.
3. Biotechnology Group – Biotechnology, Botany/Zoology and Chemistry
4. Information Technology Group - IT, Math and Physics
5. Math Group – Math, Physics and Chemistry.

Each group has 60 seats at present in I, II, III year and the students have to choose one group for his/her study when he/she seeks admission.

The location of the College is 23degree 05munit 03second N, latitude and 83degree 09munit 41second E Longitude.

### **Vision**

To make higher education accessible to the students of remote unprivileged and underprivileged rural tribal areas disseminating scientific knowledge and thought not only amongst students but also amongst surrounding citizen of the society leading all to research, innovation, equity, environment sustainability and employability so that they can face global challenges.

Along with this, to inculcate strong moral values and making them patriotic with cosmopolitan outlook.

### **Mission**

To develop scientific temperament disseminating knowledge of science with language proficiency and literature instilling human values, preparing the students of unprivileged rural tribal areas to face global challenges and giving them incentive for research and innovation and making them responsible toward health, environment, society and nation as a patriotic citizen with cosmopolitan outlook.

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

### Institutional Strength

- Established in 2013 and shifted to its own building in 2017 with 6.001 hectare of land.
- 10 Classroom 06 laboratories, 01 library.
- 100-seater Girl's Hostel in the campus under construction almost completed.
- Washrooms separate for boys and girls with sanitary napkin vending machine in ladies washroom.
- Regular Principal with 05 regular faculty and 06 full time guest - lecturers.
- 07 non – teaching staff.
- Student's enrolment in 2019-20 was 467 and in 2020-21 it is 566. GER increasing with increasing percentage of pass result.
- Job – oriented courses in Microbiology, Biotechnology, and Information Technology other than traditional courses in Chemistry, Botany, Zoology, Physics, and Math.
- MOU with Rajiv Gandhi Government P.G. College Ambikapur and Rajmohini Devi Girls P.G. College Ambikapur as well as Holy Cross Women's College, Ambikapur.
- NSS and Red Cross Unit active.
- 03 Ph.D Supervisors in the University.
- CCTV Camera.
- Broadband Facility for office work.
- Cashless Transaction.
- Water Harvesting System.

### Institutional Weakness

- No boundary wall to campus.
- Insufficient classrooms, laboratories, equipments and apparatus, furniture.
- No Auditorium and Conference Hall.
- No Boys Hostel and play ground.
- 07 sanctioned regular teaching posts vacant – Guest Lecturers working.
- No post sanctioned of Librarian, Sports Officer, Computer Operator, Watchman, Sweeper, Lab Attendant.
- Less number of Lab Technicians and Lab Attendants.
- Less students-computer ratio.
- No Wi-Fi for students.
- Insufficient allocation of funds/budget by State Government

### Institutional Opportunity

- Laboratories with equipments/apparatus for practicals, research and innovation.
- Construction of extra-classrooms with smart classrooms, conference hall, auditorium.
- Leveling campus for playground.
- Botanical garden.
- Wi-Fi, e- Library, e-Office, Inflibnet facility.
- Post-graduate programme in all subjects with Research Centers.
- Language Lab with other soft skill development.

- MOU with Agriculture Colleges and other national and international institutions.
- Securing sufficient funds/budget from State Government, Janbhagidari Samitee and Alumni Association for incremental development.

### **Institutional Challenge**

- To secure sufficient budget from State Government for incremental development.
- Appointment of regular staff/faculty in vacant posts.
- Increasing GER in job – oriented subjects.
- Placement.
- Contribution and participation of Janbhagidari and Alumni for College development.
- Increasing admission seats from 60 to 100 in each group in UG and 25 to 50 in P.G. Programmes.
- Scoring 2.5 CGPA in NAAC Accreditation.

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

The curricula of all the programmes have been designed by the Central Board of Studies constituted by State Government and the affiliating University respectively for UG and PG that ensure holistic approach to all the branches of education. The curricula touch academic knowledge, fundamental skills, personality development, social, moral and ethical values. Since the College has yet to get autonomy, the PO, PSO, and CO are based on the curricula designed by the University. In PG programme CBCS system is in force and UG, annual system. The curricula in all programmes address the crosscutting issues. The course contents in Foundation Course in English Language and Hindi Language provide studies on gender, human, values and science subject especially life science deal with environment and sustainability. Feedback system has been generated in the website.

### **Teaching-learning and Evaluation**

The College is a science College and the subjects in UG are grouped in 5 categories. Each group has 60 seats for admission and the GER is gradually increasing every year. Reservation policy is observed by the College as per State Government rules.

The College assesses the learning levels of the students and traces out advanced and slow learners through various activities. The student's assessment is carried out through internal test, interactive sessions, etc. The mentor-mentee system is effective in tracking and assessing the students. Co-curricular and extra-curricular activities are also helpful for assessment.

The sanctioned posts and the seats for students is not to the mark as student teacher ratio is concerned. Evaluation system is effective and pass percentage is gradually increasing.

### **Research, Innovations and Extension**

The college is not yet included in UGC Act 12B; hence no grants are available at present. The process is going

on. The University has recognized three teachers as Research Guides, and the teachers are preparing a congenial ecosystem for research amongst post graduate students. Some teachers are heading towards research publication.

Extension activities are generally carried on in neighboring villages especially by NSS/Red Cross. Outreach programmes are also part of CBCS course, and NSS volunteers participate in the programmes. The college has MoU with three nearby institutions and in future this will extend up to national and international level.

### **Infrastructure and Learning Resources**

At present the infrastructure and physical facilities are available enough to run the College. The College is established in 2013 and facing problem. Due to lack of Government funds, there are no adequate facilities for games and sports. MoU has been done with nearby colleges. Cultural activities are organized in the campus on the stage within the College building. ICT-enabled facilities are only in one classroom which is also used as seminar hall. There is a library and the College has applied for registration in N-List /Inflibnet. The College offers UG course in Information Technology. The College building maintenance is looked after by PWD.

### **Student Support and Progression**

Many programmes are operational in the College by State Government and the College ensures for the holistic development of students. Various committees such as Anti- ragging, Career Guidance etc. have been formed. Provision of scholarship for ST/SC/OBC and BPL students is given to the students. One Complaint Box is set up for redressal. Some of the students have found placement after completing U.G. and P.G. program. The students' progression is seen with their admission in P.G. programmes in the College as well as nearby institutions. One student has passed SLET Exam. The best performance has been shown by the students in the field of games and sports and cultural activities. NSS plays a vital role in such activities. The students are also encouraged for voluntary Blood Donation. Formation and registration of Alumni Association is under process.

### **Governance, Leadership and Management**

The College is striding towards achieving its mission and vision incessantly through good governance, effective leadership and better management. The College is fully governed by State Government rules and regulations. It practices decentralization and participative management as provisions. E- Governance is in financial matters, students' admission and exam form filling. Welfare measures for all staff are also according to the directives of State Government. Teachers are encouraged for FDP such as Orientation Programme, Refresher Course etc. The College gets funds from State Government and therefore audit is mandatory. IQAC is doing its best to enhance institution's quality keeping in view the sources and resources available in the College at present.

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

The College ensures gender equity and organizes programmes that are related to the purpose. The Campus is plastic free. Rain water harvesting system is at work. Ramps are there for the Divyangs; it is disabled – friendly. Tolerance and harmony is maintained in the campus. Teachers and Students are made aware of constitutional

obligation and the College observes important national and international days and festivals. The College is distinctive in the sense that in Surguja Division it is the only College that offers relatively new subjects in UG like Microbiology, Biotechnology and Information Technology. The slogan of the two best practices are “Science voyage to village” and “Go Green, Save Environment”. The programmes are ‘**Superstition Eradication**’ and ‘**Environment sustainability**.’

Covid – 19 and lock down has constrained our programme operation plans because there is no entry of students in the college premises.

NAAC

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	GOVERNMENT SCIENCE COLLEGE AMBIKAPUR
Address	Ambikapur District - Surguja
City	AMBIKAPUR
State	Chhattisgarh
Pin	497001
Website	<a href="http://www.scienceclgambikapur.com">www.scienceclgambikapur.com</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Smt. Kusumlata Vishwakarma	07774-230087	9685858581	-	scienceclgambikapur@gmail.com
IQAC / CIQA coordinator	Dr. Xavier Kujur	-	9826649062	-	xkujurgholeng@gmail.com

Status of the Institution	
Institution Status	Government

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	09-05-2013

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

State	University name	Document
Chhattisgarh	Sant Gahira Guru Vishwavidyalaya Sarguja	<a href="#">View Document</a>

**Details of UGC recognition**

Under Section	Date	View Document
2f of UGC	18-03-2014	<a href="#">View Document</a>
12B of UGC		

**Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)**

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

**Details of autonomy**

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

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



<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	Ambikapur District - Surguja	Tribal	14.82	2226.24

## 2.2 ACADEMIC INFORMATION

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<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BSc,Hindi Language	36	Higher Secondary	English + Hindi	900	478
UG	BSc,English Language	36	Higher Secondary	English + Hindi	900	478
UG	BSc,Environmental Studies	12	Higher Secondary	English + Hindi	300	227
UG	BSc,Chemistry	36	Higher Secondary	English + Hindi	720	440
UG	BSc,Zoology	36	Higher Secondary	English + Hindi	432	316
UG	BSc,Botany	36	Higher Secondary	English + Hindi	288	241
UG	BSc,Micro Biology	36	Higher Secondary	English + Hindi	180	119
UG	BSc,Physics	36	Higher Secondary	English + Hindi	360	92
UG	BSc,Maths	36	Higher Secondary	English + Hindi	360	92
UG	BSc,Bio Technology	36	Higher Secondary	English + Hindi	180	124
UG	BSc,Information Technology	36	Higher Secondary	English + Hindi	180	38
PG	MSc,Chemistry	24	BSc	English + Hindi	100	45
PG	MSc,Maths	24	BSc	English + Hindi	100	43

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

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	2				0				10			
Recruited	0	0	0	0	0	0	0	0	3	2	0	5
Yet to Recruit	2				0				5			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				6
Recruited	4	0	0	4
Yet to Recruit				2
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

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

**Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	3	1	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	1	0	1

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	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	2	4	0	6

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	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

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

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	341	0	0	0	341
	Female	137	0	0	0	137
	Others	0	0	0	0	0
PG	Male	58	0	0	0	58
	Female	30	0	0	0	30
	Others	0	0	0	0	0

**Provide the Following Details of Students admitted to the College During the last four Academic Years**

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	10	8	8	4
	Female	5	9	6	4
	Others	0	0	0	0
ST	Male	94	117	123	147
	Female	104	121	96	92
	Others	0	0	0	0
OBC	Male	91	121	135	87
	Female	36	44	52	29
	Others	0	0	0	0
General	Male	32	51	48	63
	Female	38	48	47	41
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		410	519	515	467

## Extended Profile

### 1 Program

#### 1.1

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

2019-20	2018-19	2017-18	2016-17	2015-16
101	101	101	101	61
File Description		Document		
Institutional data prescribed format		<a href="#">View Document</a>		

#### 1.2

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
3	3	3	3	1

### 2 Students

#### 2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
467	515	519	422	403
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 2.2

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

2019-20	2018-19	2017-18	2016-17	2015-16
630	630	630	630	567

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

### 2.3

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

2019-20	2018-19	2017-18	2016-17	2015-16
128	168	86	86	64

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

## 3 Teachers

### 3.1

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

2019-20	2018-19	2017-18	2016-17	2015-16
12	12	12	12	10

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

### 3.2

#### Number of sanctioned posts year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
12	12	12	12	10

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

## 4 Institution

### 4.1

#### Total number of classrooms and seminar halls



**Response: 11**

**4.2**

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

2019-20	2018-19	2017-18	2016-17	2015-16
2.24189	3.68841	15.46248	4.84366	4.15342

**4.3**

**Number of Computers**

**Response: 08**

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## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

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

###### Response:

Government Science College Ambikapur Surguja is affiliated to Sant Gahira Guru University, Surguja Ambikapur. The College runs U.G. and P.G. Programmes: UG programme is divided into five groups i.e.

First Group – consisting of Botany, Zoology and Chemistry;

Second Group – Biotechnology, Zoology/Botany and Chemistry;

Third Group – Microbiology, Zoology/Botany and Chemistry;

Fourth Group – Information Technology, Physics and Maths;

Fifth Group – Mathematics, Physics and Chemistry.

P.G. Programme is run only in two subjects i.e. Chemistry and Maths, it is on semester system and CBCS Course is in effect and complied.

Since the College is a Government College, the whole U.G. curricula are framed by the Central Board of Studies Raipur constituted by the Higher Education Department of C.G. Government and the P.G. Curricula is framed by the affiliating University. The curricula of both the programmes are knowledge and researches oriented and prepare students for better employability, entrepreneurship and skill development, in pursuance of the mission and vision of the College.

The curricula is delivered to the student in a systematic and planned way. Each and every faculty in his/her subject prepares a monthly teaching plan for the whole session keeping in the view the Academic Calendar issued by the Dept. of Higher Education, Raipur and the affiliating University. Along with this, all teachers make Daily Teaching Diaries mentioning their performance each day as per their Monthly Teaching Plan. Since the College is a young College and lacks sufficient budget, traditional method of teaching is going on such as black board teaching, seminars, group-discussion, lectures, assignments, field survey, practicals in labs etc. The College is aspiring for new technology to be adopted such as ICT, MOOQ etc in near future.

P.G. programme in both the semester includes classroom teaching, practicals works, field/project works. The semester system includes social outreach programme/Intellectual Property Rights and Research mythology in the Curricula.

The whole Curricula of the U.G. and P.G. programmes are reviewed and updated annually by the concerning bodies.

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

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

#### Response:

The College adheres to the Academic Calendar framed and issued to all Universities and Colleges by the Higher Education Department of Chhattisgarh with the recommendation and approval by all the Vice-Chancellors of all the Universities in Chhattisgarh.

The General Academic Calendar focuses on Curricula and co-curricular activities to be observed during the year. The Principal of the College directs all the teachers in the College to prepare Monthly Teaching Plan for the session keeping in view the General Academic Calendar. Every Department does its best to adhere and follow General Academic Calendar except any disruption such as heavy rain, any casualty, any unprecedented events, local holidays, any government or administrative programmes etc. Within this framework the curricula is delivered to the student.

Continuous Internal Evaluation system is included in the General Academic Calendar. The faculty does its best to comply with the plan incorporated in the General Academic Calendar such as Unit Tests, Seminars, Group discussion, Assignments etc. After completion of teaching each unit of the syllabus the teacher conducts unit tests. At presents, the College conducts six-monthly exam in the month of November–December to assess and evaluate the students' performance, and the valued answer copy is shown to the concerning student so as to make him realize and assess himself his plus and minus points and the teacher counsels him and encourages him for further improvement. Six Monthly Exam helps students to do better and equip themselves with hard work, perseverance and better knowledge for Annual Exam. It develops student's holistic approach to Exams.

In the last meeting of IQAC, the Principal has suggested for the preparation of College's own Academic Calendar, Departmental Calendar parallel to General Academic Calendar and University Calendar relevant to local needs.

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

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

#### 1. Academic council/BoS of Affiliating university

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

**Response:** B. Any 3 of the above

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

## 1.2 Academic Flexibility

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

**Response:** 66.67

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

**Response:** 02

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

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

**Response:** 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
List of Add on /Certificate programs	<a href="#">View Document</a>

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

**Response:** 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View Document</a>

**1.3 Curriculum Enrichment****1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum****Response:**

Since the College is a Government Science College and not an autonomous College, the Curricula are framed by the Central Board of Studies, Higher Education Department, Raipur, C.G. and implemented by the affiliating University. The College integrates and addresses all the cross-cutting issues as incorporated in the Curricula. It is as follows:

**Gender:**

Gender issues is included in B.Sc. III foundation Course, English Language Text book Chapter VIII "Women and Development"

**Human values:**

Since it is a Science College, it is mandatory to develop human values and basic emotions in the students. Foundation course in English and Hindi Language caters to the needs: In B.Sc. I English Language Chapter 1, "Where the Mind is Without Fear"; Chapter 5, "Life in Vedic Literature"; Chapter 6, "The Ramayan and the Mahabharata"; Chapter 9, "The Aspect of Indian Constitution"; Chapter 10, "Individual Freedom"; Chapter 11, "Fundamental Duties"; and in B.Sc. III Chapter 2, "Death of a Clerk"; Chapter 3, "The Judgement of Vikramaditya"; Chapter 4, "Rana Pratap"; Chapter 5, "Bores"; Chapter 6, "The University of Religion "; Chapter 10, "Basic Qualities Of Life"; Chapter 15 "The Mouse And The Snake" all make the student to imbibe human values.

In the same way in Hindi Language B.Sc. II, Unit I chapter 1,2,3; B.Sc. III Unit I Chapter 1,4; Unit II Chapter 01, 2 ; Unit III Chapter 2; unit V Chapter 1,2; also impart knowledge about human values.

**Environment and Sustainability**

All the course contents of Life Sciences such as Botany, Zoology, Microbiology and Biotechnology are related to Nature study and make students aware of the surrounding flora and fauna. It creates awareness amongst students for environment conservation and sustainability. In B.Sc. I Botany, the students learn about viruses, bacteria, fungi, algae and plant groups and their economic importance.

In B.Sc II, Botany Unit III Paper I focuses on plants of importance like medicinal plants, food plants, fibre yielding plants etc. Paper II Unit I and Unit II deals with ecological concepts and importance of biodiversity. B.Sc III, Botany, Unit IV presents study in pollution, biodiversity and sustainable development.

B.Sc III, Microbiology Paper II, Units 1,2,3 and 5 deals with Air, Water, Soil and Agricultural Microbiology respectively. B.Sc III, Biotechnology, Paper I Unit III offers Environmental Pollution and its type, Solid waste management, waste water treatment. B.Sc. III, Zoology, Paper I, Units I and II highlight Ecology, conservation of natural resources and environmental impact assessment respectively .

Apart from this, B.Sc. I Curricula offer a compulsory subject ' Environmental Study'. Along with these English Language and Hindi Language also include some chapters related to Environment.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View Document</a>

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

**Response:** 3.5

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

2019-20	2018-19	2017-18	2016-17	2015-16
05	05	05	01	01

File Description	Document
Programme / Curriculum/ Syllabus of the courses	<a href="#">View Document</a>
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

<b>1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)</b>	
<b>Response:</b> 46.25	
<b>1.3.3.1 Number of students undertaking project work/field work / internships</b>	
<b>Response:</b> 216	
File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.4 Feedback System

<b>1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni</b>	
<b>Response:</b> C. Any 2 of the above	
File Description	Document
URL for stakeholder feedback report	<a href="#">View Document</a>

<b>1.4.2 Feedback process of the Institution may be classified as follows: Options:</b>
<ol style="list-style-type: none"> <li>1.Feedback collected, analysed and action taken and feedback available on website</li> <li>2.Feedback collected, analysed and action has been taken</li> <li>3.Feedback collected and analysed</li> <li>4.Feedback collected</li> <li>5. Feedback not collected</li> </ol>
<b>Response:</b> A. Feedback collected, analysed and action taken and feedback available on website

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>
URL for feedback report	<a href="#">View Document</a>

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## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Average Enrolment percentage (Average of last five years)

**Response:** 47.42

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

2019-20	2018-19	2017-18	2016-17	2015-16
467	515	519	422	403

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

2019-20	2018-19	2017-18	2016-17	2015-16
1000	1000	1000	1000	900

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

**Response:** 61.04

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

2019-20	2018-19	2017-18	2016-17	2015-16
364	420	420	362	321

File Description	Document
Average percentage of seats filled against seats reserved	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.2 Catering to Student Diversity

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

#### Response:

The institution does its best to assess the learning levels of the students and organizes programmes for advanced learners and slow learners keeping in view the sources and resources of the College. The College is situated in the Scheduled Area and majority of students come from ST, SC and OBC community. It is also worthwhile to mention that the College has not yet been registered in UGC Act 12(B) and has applied to UGC for the purpose; hence the College does not get any grant for Remedial Courses from UGC. The process is going on. Even then, the institution adopts the following measures for assessment. :-

- Through Internal Test, Interactive Session, Seminars, Quiz Hour, Discussions, Practical Works etc. the teacher tracks the advanced and slow learners.
- In the beginning of the session, the Principal and the senior teachers organize an Orientation Programme and acquaint the freshers about the College, its ethics, discipline, anti-ragging and ST/SC/OBC welfare schemes, dress code, programme outcomes, library facilities etc.
- The Mentor–Mentee System also helps to trace out the Advanced and Slow learners.
- The periodic event such as Yuva Utsav and cultural programmes, games and sports, NSS - all these activities also facilitate in tracking the advanced and slow learners.
- During feedback session in regular classroom teaching (i.e Q & A), the queries of the students also help to detect the advanced and slow learners.
- Students' previous year performance (mark sheet) also helps in tracing the students.

#### Programme for advanced learners.

- Access to Research Lab outside the campus.
- For PG/UG conduct of Seminar presentation and Discussion.
- Guidance and moral boost to students preparing for competitive exams.
- Encouraging to participate in academic webinar/seminar.
- Interactive session for all classroom teaching.

#### Programme for slow learners.

- Mentor–Mentee System.
- After-class counseling.
- Library Facilities.
- Interactive Session.
- Print materials for Slow Learners.
- Facility to Slow Learner to contact and send their queries in Whatsapp of the subject teachers at anytime /anywhere to clarify any doubt about courses and lectures.

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

**Response:** 39:1

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

## 2.3 Teaching- Learning Process

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

**Response:**

The College strives for the practice of student centric method such as experiential learning, participative learning and problem solving methodology for enhancing learning experiences. The following steps /measure are in the College for the purpose:

- CBCS provides a variety of choices for students.
- Project work and dissertation is mandatory at P.G. level.
- Periodic visit to Holy Cross Women's College Laboratory, Rajiv Gandhi PG College Lab and Rajmohini Devi Girls PG College Ambikapur is organized.
- MOU is done with the above Colleges for the amenities not available in the College.
- Seminars and Group-discussions are periodically organized.
- Guidance for students aspiring for competitive exams like NET, SET, NEET, JEE etc. is given in regular classroom teaching when queries made.
- Involvement of the students in the administrative and financial affairs of the institution for transparency through College Union and other committees.
- NSS unit inculcates leadership and life skill among students.
- Visit to the Krishi Vigyan Kendra and Government Agriculture College by students of Biology, Microbiology, Biotechnology facilitates participative learning of the students.
- Under "Sports for All" a period is allotted at the end of the regular classes/periods for students to generate health and fitness consciousness amongst students.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

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

**Response:**

The College sometimes uses ICT for teaching and learning purposes. During Covid-19 all teachers used and are using Google Meet and other Apps for the purpose. Some of the teachers have prepared YouTube Video Lectures of their subjects and have uploaded in cgschool.in of Chhattisgarh Government for teaching learning purpose. Some teachers were allotted online teaching classes in divisional level

conducted from nodal college of District Surguja.

File Description	Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View Document</a>

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

**Response:** 42:1

#### 2.3.3.1 Number of mentors

Response: 11

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	<a href="#">View Document</a>
mentor/mentee ratio	<a href="#">View Document</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

**Response:** 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

**Response:** 36

#### 2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. /*

**D.Litt. year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
4	4	5	5	3

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

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

**Response:** 5.17

**2.4.3.1 Total experience of full-time teachers**

Response: 62

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

The internal assessment mechanism of the College is transparent and robust in terms of frequency and mode. As the College is a government college and affiliated to SGG University, Sarguja, Ambikapur, CG, most of the assessment mode are regulated by the directives of the Higher Education Department calendar and the affiliating University. Even then the College arranges its own Unit Tests, Seminars, Group-Discussions, Quiz, Project Work and Half Yearly Exam for internal assessment. Since semester system and CBCS courses are in force in PG, hence the affiliating University itself makes schedule/ programmes for internal assessment. All these programmes/schedules are intimated to the students in the Induction Session in the beginning of the session and the teachers frequently remind the students about the schedules. In that way the Internal Assessment is made transparent and robust in terms of frequency and variety.

File Description	Document
Link for additional information	<a href="#">View Document</a>

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

#### Response:

The mechanism to deal with exam related grievance is transparent. Internal Exam include Unit Tests, Group-discussion, Quiz, Project Work, Half Yearly Exam are college-related and the concerning faculty monitors, informs and shows the performances of the students and pin-points student's, plus point and minus point. The students become satisfied with the process and for him/her there is no need for complaint and wait for redressal. As far as external exams are concerned, they are arranged and monitored by the affiliating University. The university conducts exam and after declaration of results there is a provision that the student can apply for revaluation /rechecking for redressal within 15 days. Thus time bound and efficient redressal is maintained in the College.

File Description	Document
Link for additional information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

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

#### Response:

The College adheres to the Curricula offered by the University and is committed to conduct all programmes that are immensely supportive to the holistic growth of the students and also to meet the requirement of the society and the nation. The College offers three programmes. The PO, PSO, CO of all the Programmes/ Subject/Courses are displayed on the College website.

The College website also carries details about the programme and course, which include introduction and objectives of a programme, courses offered, objective of the course, faculty profile and all other academic related information.

The College is conscious of the demands of the students regarding their future prospects. The courses offered are designed to meet global standards in academics, thereby catering to the academic needs of the students. The entire course structure is on the website. At the beginning of every session the faculty of each Department shares and discusses with the students about the course structure of their respective courses. Copies of entire syllabi are also kept in each Department, Staff Room for students' perusal and are also on the College website. Google classroom to disseminate knowledge and share information of the Curriculum, use of mobile application for sharing of information is also encouraged. The students of CBCS

are encouraged to ensure the course content before offering any elective course.

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

#### Response:

The levels of attainment of POs, PSOs and COs are determined by both the direct and indirect methods.

- Placement is designated as the primary means in assessing the realization of the intended PO and PSO.
- With the examination system as the mechanism for the assessment of COs, the College ensures the inculcation of the theoretical and practical essentials of every course among students. The annual percentage of pass rate, which includes the internal and external exam is the quantitative yardstick in the direction.
- The Alumni Association office consistently monitors the post college endeavors of the alumni which constitute yet another instrument in evaluating the tri-layered outcomes in terms of HEI.
- PG students are motivated further to pursue research programme.
- Students undertake bold business venture too.
- Students are encouraged to join the Alma Mater both as teaching and non-teaching faculty.
- Students specializing in sports are absorbed in security forces etc.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 2.6.3 Average pass percentage of Students during last five years

Response: 91.87

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

2019-20	2018-19	2017-18	2016-17	2015-16
126	167	104	86	49

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

2019-20	2018-19	2017-18	2016-17	2015-16
126	173	113	98	59

<b>File Description</b>	<b>Document</b>
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste link for the annual report	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

<b>2.7.1 Online student satisfaction survey regarding teaching learning process</b>	
<b>Response: 3.13</b>	
<b>File Description</b>	<b>Document</b>
Upload database of all currently enrolled students (Data Template)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>



## Criterion 3 - Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

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

**Response:** 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

**File Description**

**Document**

List of endowments / projects with details of grants

[View Document](#)

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

**Response:** 25

**3.1.2.1 Number of teachers recognized as research guides**

**Response:** 3

**File Description**

**Document**

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

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

**Response:** 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

**3.1.3.2 Number of departments offering academic programmes**

2019-20	2018-19	2017-18	2016-17	2015-16
3	3	3	1	1

File Description	Document
List of research projects and funding details	<a href="#">View Document</a>

**3.2 Innovation Ecosystem****3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge****Response:**

The college has taken initiative to develop an ecosystem for innovation and knowledge sharing methods. The various committees of our college motivate students and faculty to explore new ideas in the field of their interest. The students and staff are availing the following facilities within the campus for their academic research activities:-

1. Computer facilities available
2. Internet facility for staff and students
3. Well furnished audio-visual room with seating capacity of 50 to conduct seminar/ workshop.

The college also conducts various activities for the career enhancement of students at UG and PG levels, like awareness creating programs, student mentoring, career counseling etc.

- The college arranges research methodology etc. seminars for the faculty and PG students.
- Promoting internship and training in local/industrial and financial organisations.
- Mentoring students to promote entrepreneurship activities
- Motivating and providing links to higher education resources.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property**

**Rights (IPR) and entrepreneurship during the last five years****Response: 1****3.2.2.1 Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
0	1	0	0	0

File Description	Document
Report of the event	<a href="#">View Document</a>
List of workshops/seminars during last 5 years	<a href="#">View Document</a>

**3.3 Research Publications and Awards****3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years****Response: 1****3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years**

Response: 3

**3.3.1.2 Number of teachers recognized as guides during the last five years**

Response: 3

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years****Response: 0.34****3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
4	0	0	0	00

File Description	Document
List of research papers by title, author, department, name and year of publication	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

**Response:** 0.26

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

2019-20	2018-19	2017-18	2016-17	2015-16
01	02	0	0	0

File Description	Document
List books and chapters edited volumes/ books published	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.4 Extension Activities

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

**Response:**

Our college works responsibly to fulfill its accountability to society. The college has a unit of NSS which consists of 100 volunteers from across all the courses offered. This unit is actively working in the nearby villages. We ensure that other students also regularly participate in our NSS outreach activities so that they are aware of the concepts of NSS and social responsibility. The following activities are carried out regularly by the unit.

1. Street play/*nukkad natak*/ role play on social issues

- 2.Sapling plantations to insist the need for environmental conservation and learn the concept of a forestation
- 3.Poster designing/slogan writing on various themes from time to time
- 4.Cleanliness drive/*Swachh Bharat Abhiyan*
- 5.Rallies to raise awareness regarding Run for Unity, AIDS Day, etc.

For the development of balanced personality of the students the college conducts various social awareness activities like workshops, tours, campus and rallies, which have tremendously transformed the mindset of the participants and developed leadership qualities and a sense of social responsibility.

Students are exposed to social problems and solutions through NSS special camps which are a week long where they work closely with the local youth and villagers. In each camp also cleanliness efforts were conducted to create awareness and to unite the stakeholders to work towards a cleaner and greener environment in their villages.

To create voter awareness among the college students and to increase student voter registration, SVEEP (Systematic Voters' Education and Electoral Participation) members have been very active. In this the importance of voting for making the country better governed and the need for electoral literacy in a democratic nation was reinforced. The following activities were conducted to spread the message of voter turnout.

- 1.Street play/role play on polling and its importance.
- 2.Poster designing /slogan writing.
- 3.Debate competition.
- 4.Rallies etc.

We have experienced that these co-curricular social outreach and extension activities have tremendously transformed the mindset of the students to think creatively, develop multicultural perspectives and sensitivity towards global human needs.

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

**Response:** 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 year	<a href="#">View Document</a>

**3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years ( including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)**

**Response:** 18

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

2019-20	2018-19	2017-18	2016-17	2015-16
04	05	02	01	06

File Description	Document
Reports of the event organized	<a href="#">View Document</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	<a href="#">View Document</a>

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

**Response:** 24.94

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

2019-20	2018-19	2017-18	2016-17	2015-16
164	133	82	38	157

File Description	Document
Report of the event	<a href="#">View Document</a>
Average percentage of students participating in extension activities with Govt or NGO etc	<a href="#">View Document</a>

### 3.5 Collaboration

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

Response: 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	<a href="#">View Document</a>

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

Response: 4

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

2019-20	2018-19	2017-18	2016-17	2015-16
3	0	0	0	1

<b>File Description</b>	<b>Document</b>
e-Copies of the MoUs with institution/ industry/corporate houses	<a href="#">View Document</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	<a href="#">View Document</a>

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## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

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

**Response:**

The college has provided necessary physical and academic facilities for the needs of students. The college is located amidst natural greenery in 14.82 acres of land. The built up area is 2226.24 m<sup>2</sup>. There are 06 classrooms for UG classes and 04 for PG classes.

The building consists of administrative office, Principal's room, staff room, NSS room, chemistry laboratory and 8 classrooms on the ground floor. The first floor has a library, common room for girls, physics, IT, two Biological Science Laboratories, two classrooms and one audio visual room. A water cooler facility is available for students and staff. For safety purposes the college has got CCTV cameras in the campus.

The college has a small library with 2098 books and subscription to Inlibnet for providing online reference facilities is under process.

There are separate toilets for students and staff. There is a provision for a ladies hostel with 2258.00 m<sup>2</sup> built up area and its total capacity is 100, this is nearing completion of construction.

Details of ICT infrastructure

Sr.	Particulars	Quantity
1.	Computers	08
2.	LCD projectors	02
3.	Printer	02
4.	UPS	03
5.	Inverter (Battery backup system)	01
6.	CCTV	16
7.	Public Auditory system	02
8.	Biometric machine	01

File Description	Document
Upload any additional information	<a href="#">View Document</a>

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

##### Response:

The college tries to develop participation and excellence in sports and cultural activities for holistic development of students. The college grounds extend to almost 14.82 acres in which specific spaces have been made available to students for practice of outdoor games like volleyball, kho-kho, cricket, as per need. As we have plenty of space available boys and girls can play separately if needed. In indoor games badminton and chess etc. is available. We have participated in zonal, university and inter university levels. Some of our students have represented in the affiliating university teams at different levels.

Sports equipments available:

1. Chess set - 01
2. Badminton set - 02
3. Volleyball set. - 01
4. Football - 01
5. Tennis sets - 04
6. Shot put. - 01
7. Javelin. - 08
8. Discus. - 01
9. Handball. - 01

##### Cultural activities

The cultural unit is one of the assets of the college and have genuine interest in artistic activities. We have performed well in cultural activities in the past four years the students of the college have represented at various cultural events. Students practice and prepare for the competitions etc. The college promotes different events like skits, folkdance, Street plays etc. for youth festival (*Yuva-Utsav*) organised every year.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)****Response:** 9.09**4.1.3.1 Number of classrooms and seminar halls with ICT facilities****Response:** 01

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View Document</a>

**4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)****Response:** 13.6**4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
0.00	0.00	5.59545	1.24943	0.24999

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	<a href="#">View Document</a>
Upload audited utilization statements	<a href="#">View Document</a>

**4.2 Library as a Learning Resource****4.2.1 Library is automated using Integrated Library Management System (ILMS)****Response:**

Since the College is young College and no post of Librarian has been sanctioned, therefore **Integrated Library Management System (ILMS)** of Library has not yet been done. In near future this will be provided in the Library.

**4.2.2 The institution has subscription for the following e-resources**

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

**Response:** E. None of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	<a href="#">View Document</a>

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

**Response:** 0.33

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

2019-20	2018-19	2017-18	2016-17	2015-16
00	00	1.2	0.24944	0.2

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	<a href="#">View Document</a>

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

**Response:** 9.81

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

**Response:** 47

File Description	Document
Details of library usage by teachers and students	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 4.3 IT Infrastructure

#### 4.3.1 Institution frequently updates its IT facilities including Wi-Fi

**Response:**

The college is trying to establish a good mechanism for deploying IT infrastructure. The institution updates its IT facilities regularly. The college has 9 computers with access to internet and all systems are updated regularly with good versions of essential software. The computers will also be connected soon with Wi-Fi facility.

For regular maintenance of these hardware computers service providers are hired as needed. The steps like installation of antivirus, formatting of computers for corrupt operating system and replacing of hardware when damaged are undertaken under the guidance of IT department of the college.

The college has LAN based broadband of Isolnet (Internet Provider). One ICT enabled classroom with LCD projector, computer set with LAN connection, speaker and microphone etc. has been installed.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

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

**Response:** 58:1

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Student – computer ratio	<a href="#">View Document</a>

#### 4.3.3 Bandwidth of internet connection in the Institution

**Response:** A. 250 MBPS

File Description	Document
Upload any additional Information	<a href="#">View Document</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

#### 4.4 Maintenance of Campus Infrastructure

##### 4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

**Response:** 0

##### 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)

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View Document</a>

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

**Response:**

The institute has a well organised system for maintenance of physical, academic and support facilities. They are maintained by PWD and external agencies on demand as per need of the college.

##### **Maintenance and utilisation of laboratories-**

Laboratory technician in consultation with HOD prepares the list of maintenance activities and based on it maintenance activities are carried out. There is an annual stock verification of all items. Consumable like chemicals are purchased annually according to budget provided by government, apparatus is purchased when grants from state government is sanctioned.

**Library:-** Library has an incharge appointed by the principal to ensure the smooth functioning of the library. The purchase of books is finalised by the purchase committee of the college with the budget

allotment given by the government. The books and racks are cleaned regularly to maintain them in good condition. There are also three newspapers in Hindi. Stock verification is conducted annually. Recommendations are sought from the departments for purchase of books. For online access to e-journals subscription to N-List has been initiated. The library also maintains a book-Bank facility to help needy students belonging to economically and socially weaker sections of the society. The book lent depends on the availability of the books and must be returned immediately after the term end examination.

#### **Maintenance and utilisation of computers:-**

There are total 08 computers out of which nine are for academic and one for administrative purposes. The maintenance of computer is done regularly as per need and major work is done during vacation time. Updating of software, hardware, operating system, antivirus installation and etc. is carried out regularly. Power back-up is provided to the computer systems to use them optimally. Broadband connection is set up in the college for use of internet. The audio visual system has been set up in one room for conducting seminars. The college website is maintained regularly by the AMC with Ravi solutions, Durg (C.G.).

#### **Maintenance and utilisation of sports facilities:-**

We have a spacious ground which is well maintained and used regularly. In indoor games we have the options of chess and badminton we have a kho-kho ground, volleyball court, kabaddi, cricket and football. The college organises sports events and NSS camps annually, and has organised zonal level badminton competition in 2017-18. Students of our college have participated in university, state and national level competitions.

#### **Physical academic and support facilities:-**

Our college has a large campus area sufficient to fulfil requirements of the students there are enough classrooms for routine classes with a spacious library room, administrative office rooms and all basic facilities as per university affiliation norms. Internal cleaning of the college building is done by the support staff. All urinals and toilets are regularly cleaned and hygienically maintained. Non biodegradable materials like plastic are not allowed to be used in the college so we manage to generate minimum solid wastes. A sanitary napkin vending machine with incinerators is set up in the ladies toilet sponsored by DMF fund from District Collector. Cleanliness in the campus regularly is maintained based on observation and suitable actions are initiated as required. Furniture if damaged is repaired/replaced as needed. Blackboards are also regularly repainted. A water harvesting system directs terrace/roof water through drain pipes into underground sand pits. The drains are also periodically cleaned.

The budget is allocated according to the government permissions. Repair of building, toilets, electrical and plumbing works is undertaken by PWD. We take care to pursue all repair works diligently and promptly to ensure the smooth functioning of the college.

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

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

Response: 44.75

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

2019-20	2018-19	2017-18	2016-17	2015-16
203	227	234	196	180

#### File Description

#### Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)

[View Document](#)

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

Response: 0

##### 5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

#### File Description

#### Document

Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)

[View Document](#)

#### 5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the



following

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

**Response:** E. None of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View Document</a>

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

**Response:** 6.1

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	157	0	0	0

File Description	Document
Number of students benefitted by guidance for competitive examinations and career counselling during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

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

**Response:** C. 2 of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View Document</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1 Average percentage of placement of outgoing students during the last five years

**Response:** 0.31

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

2019-20	2018-19	2017-18	2016-17	2015-16
2	0	0	0	0

File Description	Document
Self attested list of students placed	<a href="#">View Document</a>
Details of student placement during the last five years (Data Template)	<a href="#">View Document</a>

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

**Response:** 46.88

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

**Response:** 60

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Details of student progression to higher education (Data Template)	<a href="#">View Document</a>

### 5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/

**Civil Services/State government examinations, etc.)****Response: 4****5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
0	1	0	0	0

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

2019-20	2018-19	2017-18	2016-17	2015-16
14	05	0	0	0

<b>File Description</b>	<b>Document</b>
Upload supporting data for the same	<a href="#">View Document</a>
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**5.3 Student Participation and Activities****5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.****Response: 6****5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
06	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	<a href="#">View Document</a>

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

#### Response:

Every year Student Union/Council is constituted as per Higher Education directives – on merit basis or/and through direct election. The representatives of the Union such as the President Vice-President, Secretary and Joint-Secretary are expected to actively participate and engage themselves in all administrative, Co-curricular and extra-curricular activities of the College. The Principal and the Professor-in-charge of the Union also ensure Union officials representation and engagement in all the activities. The College IQAC consists of students' representation as well as the Janbhagidari Samiti has the alumni as member. It is customary that in the committees like Discipline Committee, Anti-ragging Committee, Women Harassment and Redressal Committee etc. the representatives of the students through the Union are expected to involve themselves as student' leaders.

The College also ensures students' participation in Co-Curricular and extracurricular activities such as Seminars, NSS, Red Cross, Yuva Utsav, Cultural Programmes, Annual Function, Intra-colligate and Inter-Colligate Competitions and other activities that are held in the campus and outside the campus also.

All the activities contribute multidimensional development of students' personality and academic. Their participation creates a good ambience in the campus.

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

Response: 38.6

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

2019-20	2018-19	2017-18	2016-17	2015-16
94	99	0	0	0

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	<a href="#">View Document</a>

## 5.4 Alumni Engagement

<p><b>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</b></p> <p><b>Response:</b></p> <p>The College has formed Alumni Association and applied for its registration that is under process.</p>	
File Description	Document
Upload any additional information	<a href="#">View Document</a>

<p><b>5.4.2 Alumni contribution during the last five years (INR in lakhs)</b></p> <p><b>Response:</b> E. &lt;1 Lakhs</p>	
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## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

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

##### Response:

The Governance of the College is reflective and in tune with the Vision and Mission of the College. The Vision and Mission focus on quality higher education to students of tribal areas, dissemination of knowledge of science, transmitting human and spiritual value making students imbibe them, employability, incentive for research and innovation, awareness of climate change, preparing good citizens with patriotic zeal and cosmopolitan outlook.

The College is a government College and most of the practices/ measures are governed by the State Government. Even then the Principal of the College constitutes various committees that function and observe diligently the fulfillment of the Vision and Mission of the College. The Curricula of all the programs in the College is regulated by the University but teachers in classroom teaching are not confined to the course contents but also import knowledge that are in the mission and vision of the College. Language teaching in English and Hindi provide essays, poems and short stories that nurture the human and spiritual values and make them aware of society, environment and nation at large.

The Prospective Plan of the College is formed by IQAC and the IQAC makes plans keeping in view the financial resources and infrastructure available. The Principal of the College ensures the participation of teachers in decision making bodies delegating his/her powers to the various committees constituted by him/her in which teachers are conveners or members and comply with the directives of the Principal.

It is noteworthy that the College was started in the year 2013 in the campus of Rajeev Gandhi Government P.G College Ambikapur C.G. with scanty resources and shifted to its own building in 2017. Hence many prospective plans such as inclusion in 12B, lab facilities, programs for research, ICT enabled teaching learning, competitive exam, soft skill, communicative skill in language, computer literacy, sports facilities etc. were held back. Covid-19 also held our foot back. Now the College is aspiring to take initiative to achieve the vision and mission. The College has done MoU with R.G.P.G College, Ambikapur; Government RMD Girls College, Ambikapur and Holy Cross Women's College, Ambikapur to provide facilities for students and teachers for teaching, learning, research, sports, laboratories etc. and thus, striving for quality and excellence.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

**Response:**

There are various practices in the institution that reflect effective leadership showing decentralization and participative Management. the Principal constitutes various committees and cells and delegates his/her powers to them to function independently abiding by the rules and regulations of the College and the State Government the committees such as Admission Committee, Purchase Committee, Anti ragging Committee, Discipline Committee, Cultural Committee, Scholarship Committee etc. show decentralization and participative management of the College.

**A Case study of Purchasing System :-**

Every year in the beginning of the session the Principal of constitutes Purchasing Committee consisting of 5 teachers. As soon as the State Government allocates and releases funds for the College, the Principal calls a meeting of the Purchasing Committee. The committee discusses on the procedures of purchasing keeping in view the circulars issued by the Central and State Government. The committee recommends for quotation or CSIDC or GEM systems for purchasing. If the Committee recommends for inviting quotations, it is done through Public Relation Department, Raipur C.G. and the Department advertises the demand of quotation in various news papers. As soon as the College receives quotations from various firms, the Committee meets and opens the quotations before the Principal and recommends for the preparation of Comparative Chart. After the preparation of Comparative Chart the committee scrutinizes the Chart and as per State Government directives recommends the firm which provides and claims for maximum rebate on books and the lowest price in goods for purchasing. In this way the decentralization and participative management functions in the College.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**6.2 Strategy Development and Deployment****6.2.1 The institutional Strategic / Perspective plan is effectively deployed****Response:**

The Deployment of institutional strategy/ perspective plan is effective and successfully implemented. The College drafts plans for quality education and College infrastructure. Some of the strategic plans are as follows :-

- To start P.G programmes in Information Technology, Botany, Zoology, Biotechnology, Microbiology and diploma courses (DCA and PGDCA).
- To establish skill development centers for certificate and diploma based skill.
- To establish research center in Information Technology, Botany, Zoology, Biotechnology and Microbiology.
- To set up Language Lab for language proficiency.
- To equip all classrooms with ICT facilities and establish smart classroom.
- Automated library with e- Library.

- To establish advanced Computer Lab and Wi-Fi campus for students and faculty.
- To develop Botanical Garden in College campus area.
- Extension of existing main Building to start new P.G. Diploma and Skill Courses.
- Laboratories for all programmes for practicals.
- Construction of Seminar Hall and Boys Hostel, Girls Hostel, Boundary Wall, Cycle/bike/car Stand.
- Up gradation of all Existing laboratories.
- To establish well developed Career Guidance Cell, Placement Cell and Incubation Center.
- Water harvesting system.
- Green Campus.
- Office Automation.
- To sensation students towards environment, gender equity, wildlife and water conservation.

The College had sent proposal to Higher Education Department C.G for construction of Boys Hostel, Girls Hostel and Cycle/bike/car Stand. The Government has approved and sanctioned Rs. 272.8 lakh for 100 seater Girls Hostel. That is under construction and will probably be completed at the end of this year 2021.

P.G. courses have started in Mathematics and Chemistry.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

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

#### Response:

The Principal of the college is at the apex and under him/her on other branches function. IQAC, NAAC, RUSA, varies committee, Head of the departments, faculty, students, Library, Sports, office staff, Lab technicians, Jan Bhagidari samitee and Alumni Association work as agencies empowered by the head of the institution.

File Description	Document
Link to Organogram of the Institution webpage	<a href="#">View Document</a>

### 6.2.3 Implementation of e-governance in areas of operation

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

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



File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation, Administration etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 6.3 Faculty Empowerment Strategies

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

##### Response:

The College dispenses effective welfare measures for teaching and non-teaching staff as per C.G State Government service rules and UGC provisions. The list of existing welfare measures are as follows:-

- Group Insurance Scheme, General Provident Fund, CPS, Advance from GPF, Part Final Withdrawal from GPF.
- House Loan
- Medical Leave and reimbursement.
- Ph.D and M.Phil increment for teachers.
- Childcare Leave for women.
- Parental Leave.
- Maternal Leave.
- Earned Leave, Half Pay Leave, Extraordinary Leave.
- Casual Leave.
- Festival, Grain Advance for non-teaching staff.
- Clothing/uniform for IV class employee and washing allowances.
- Project Leave.
- SPL (Special Project Leave).
- Gratuity and pension for employees under GPF scheme.
- Family Benefit Scheme- ex-gratia and “Anukampa Niyukti” (Compassion Appointment on the demise of employee in Service.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

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

Response: 0

**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**

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

**File Description****Document**

Details of teachers provided with financial support to attend conference, workshops etc during the last five years

[View Document](#)

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

**Response: 0**

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

**File Description****Document**

Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff

[View Document](#)

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

**Response: 10**

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

2019-20	2018-19	2017-18	2016-17	2015-16
02	01	02	01	00

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View Document</a>
Details of teachers attending professional development programmes during the last five years	<a href="#">View Document</a>

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

#### Response:

The College's Performance Appraisal System for teaching and non-teaching staff function as per State government guidelines and provisions as well as "PBAS" set by UGC. CG Higher Education Department provides "Confidential Report Format" of all the employees at the end of session (March/April) along with PBAS of UGC for self assessment to the teachers. The Principal of the College scrutinizes and assesses the performance of the teacher and sends report to the higher authorities. In addition, the Principal regularly inspects the class room teaching of the teachers and directs for remedial measures in teaching learning. The teachers prepare Daily Diaries of their daily performance and the Principal checks and monitors through Daily Diary also. The Annual Exam result also is taken into consideration. Annual feedback is also collected by IQAC from the students about performance of the teachers.

The non-teaching staff's performance is appraised by "Confidential Report" and for this the Principal regularly monitors the office staff and lab staff for their performance. Annual Character Record of an employee is sent to the Directorate of Higher Education for final appraisal and for consideration of promotion to higher posts.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

### 6.4.1 Institution conducts internal and external financial audits regularly

#### Response:

The conduction of internal and external financial audit is mandatory for institutions as per Government directives. For internal financial audit, the Principal of the College constitutes a committee consisting of 2 or 3 members. External financial audit is done by a committee of Local Audit. Fund constituted by the Commissioner of Higher Education, Raipur and also a committee formed by the Account General, Raipur. At present the College conducts internal audit only. IQAC has recommended for external audit to be done in near future.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

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

**Response:** 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	<a href="#">View Document</a>

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

**Response:**

The main source of Funds is State Government which allots budget for regular expenses like salary, allowances etc. and contingent expenses for purchase of book, equipment and chemicals etc. The State government allocates funds for construction purpose if College demands for the same. Another important source of fund is Janbhagidari Fund( public participation) development fund deposited by the students of the College. Non- government fees are also collected from students and that are deposited in P.D. Fund.

The Principal of the College has power to utilize the resources provided by the government as well as PD Fund. Janbhagidari fund is utilized only after the consent of Janbhagidari Samiti. Thus resource mobilization policy and procedures of the College are as per State Government directives and Janbhagidari Samiti.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

## 6.5 Internal Quality Assurance System

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

#### Response:

Since its inception, the IQAC has been striving for quality enhancement and sustenance institutionalizing the quality assurance, strategies and processes. Keeping in view the mission and vision of the College, IQAC is always ensuring good ambience for teaching learning. The IQAC prepares perspective plans in its meeting and does its best to implement and achieve the objectives. Two practices institutionalized as a result of IQAC initiatives are as follows:-

Practice I – Continuous Internal Evaluation for better teaching learning outcomes.

In the first meeting of IQAC, it has recommended for continuous assessment of the students implementing Unit Test, Surprise Test, Group Discussion, Seminar, Paper Presentation etc. and Six-monthly exams. This practice prepares the students for Annual Exam by creating full confidence to do better, makes them free from exam phobia and saves them from depression and frustration. These practices are included in the College calendar also and each teacher complies it. This practice helps students towards good result-oriented teaching learning. Every year after the declaration of result by the affiliating University the IQAC reviews the result of all subjects/departments and analyze and suggests remedial measures for better results. This practice has worked wonders and during the past years results of the students in all courses have been found satisfactory.

Practice II– Audio Video Classroom Teaching – Learning.

IQAC in its meeting had recommended for use of new technology in teaching learning processes. In compliance of the recommendation, the College has setup a classroom with audio video facilities for the quality enhancement and sustenance. The system helps the teachers for easy access to science teaching and saves time. The classroom is used frequently by teachers who like PPT presentation to teach. It helps students to learn the complex knowledge of science in easy manner virtually without using blackboard. This is utilized by the students also for seminars.

File Description	Document
Paste link for additional information	<a href="#">View Document</a>

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

**Response:****Incremental improvements**

- Shifting of the College to its own building.
- 100 Seater Girls Hostel under construction and likely to be completed before December 2021.
- Audio – Video Classroom.
- Alumni Association formation.
- Mentor – Mentee system started.
- Inclusion in 12(B) of UGC Act under process.
- Permanent affiliation to the University.
- N-List membership under process.
- IT Lab.
- Greenery in interior campus.
- Water Cooler installation.
- CCTV Cameras.
- Water harvesting system.
- Number of books increased.
- Internet connectivity IT Lab and Office.
- P.G. Programme in Chemistry and Maths.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**6.5.3 Quality assurance initiatives of the institution include:**

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

**Response:** D. 1 of the above

File Description	Document
Upload details of Quality assurance initiatives of the institution	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

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

##### Response:

The College is a Government College and has not yet applied for autonomy. And therefore, the Curricula of the College is formed by Higher Education Department and is unified. Since it is a science college hence there is little components in syllabus for gender equity and sensitization for women. But in Foundation Course in English language there are lessons that hint at gender equity.

B.sc I – Chapter 6 - Ramayana and Mahabharata.

B.sc II – Chapter 1 - Three Years She Grew.

B.sc II – Chapter VIII Woman and Development.

Though being a co-education institute, it is soothing for the College that there has not yet been any complaint or report of the violation of gender equity. The Principal has constituted committees such as Discipline Committee, Anti- ragging Committee and Women Harassment Prevention Committee that look after the safety of the girl – students and ensures gender – equity.

The co-curricula and extracurricular activities are also monitored by the above committees. It is noteworthy that the College is situated 10 km. away from the main city in a village. The Discipline Committee periodically makes a round up to 2 km. for the safety of the students because most of the students come to College on foot or bicycles.

To sensitize the students- boys and girls some general measures are taken as counseling them in regular classroom teaching, personal counseling by the faculty and the Principal. In 2017-18 marshal art program was organized by the Dept. of Police both for girls and boys. The Principal also periodically informs local police for patrolling the route of the College and visit campus for the purpose. In this way the College ensures gender equity and sensitizes the concerned for better environment. There is common room with washroom for girls. In the washroom there is a provision of sanitary napkin vending machine in one washroom.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="#">View Document</a>

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

**measures**

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

**Response:** D. 1 of the above

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

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

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

**Response:**

- Solid waste management :-

The solid waste in the College is meagre. The Campus is plastic free and only paper waste comes out. No wet waste is available in the College, if any; they are made compost in a pit. Paper waste is sold to recycle vendors for recycling. The Nagar Palik Nigam has provided dust bins to the College. The students are asked to use the dust bins if any. Once in a week the Nigam collects the waste.

- Liquid waste management :-

Major source of liquid waste comes from Dept. of Chemistry. In each laboratory there is wash basin facilities, during practical the used waste chemicals are drained in the basin and that go through drainage system in the water harvesting system.

There are no biochemical and e-waste in the College.

### 7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting



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

Response: D.1 of the above

File Description	Document
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

#### 7.1.5 Green campus initiatives include:

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

Response: D. 1 of the above

File Description	Document
Geotagged photos / videos of the facilities	<a href="#">View Document</a>

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

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

Response: C. 2 of the above

File Description	Document
Certification by the auditing agency	<a href="#">View Document</a>

#### 7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Disabled-friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for persons with disabilities ( Divyangjan) accessible

**website, screen-reading software, mechanized equipment**  
**5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

**Response:** C. 2 of the above

File Description	Document
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>

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

**Response:**

In compliance of the mission and vision, the College provides an inclusive environment regarding tolerance and harmony. Teaching and non – teaching staff consist of Hindu and Christian community of same linguistic region. Most of them belong to tribal community. The administration ensures harmony amongst the staff and no any complaint/report has so far come to the authority. To maintain tolerance and harmony the Principal of the College arranges celebration of birthday of all the staff by her own expense.

The students in the College come from different religion, region and community but till date no complaint/report has come to the authority regarding tolerance and harmony. In the College Youth Festival is organized and programmes such as one act play, songs, dances, speeches etc. present a good platform for creating inclusive environment in the College. The minority commission of CG also organizes essay competition every year in which students of all community can participate. The classroom, the sports activity and other college functions are testimony of such harmony. Every year on “Samvidhan Diwas” (Constitution Day) the teachers and students take an oath of allegiance to the Constitution Preamble.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

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

**Response:**

To make aware the students and employees of the College of the constitutional obligations, every year on ‘Samvidhan Divas’ (Constitution Day) all take oath to the Constitution and Preamble is read by the Principal. The new students of the College in Fresher’s Meet are hinted at Constitutional provisions of

citizens' Rights and Duties. Being a science college the Curricula is different not touching constitution but B.sc – I Foundation course – English Language there are chapters such as Chap. 9 'Aspects of Indian Constitution' chap. 10, 'Individual Freedom' Chap. 11, 'Fundamental Duties' sensitize students about values, rights, duties and responsibilities of a citizen. In addition, there is book on the constitution in the Library for the students and employees for perusal.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	<a href="#">View Document</a>

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

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

**Response:** D. 1 of the above

File Description	Document
Code of ethics policy document	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

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

**Response:**

The College celebrates and organizes important national and international commemorative days. The following are the days celebrated by the College :-

- Republic Day of India
- Mahatma Gandhi Purnima
- Basant Panchami/ Goddess Saraswati Pooja
- Holi
- Yoga Day
- International Women's Day
- World Aids Day
- Independence Day of India
- National Integration Day/ Sardar Vallabhbhai Patel's Jayanti

- Mahatma Gandhi Jayanti
- Swami Vivekananda Jayanti / Youth Day
- Samvidhan Divas/Dr. Ambedkar Jayanti
- Teacher's Day / Dr. S.P. RadhaKrishnan's Birthday
- Children's Day / Pt. Nehru's Birthday

File Description	Document
Link for Geotagged photographs of some of the events	<a href="#">View Document</a>
Link for Annual report of the celebrations and commemorative events for the last five years	<a href="#">View Document</a>

## 7.2 Best Practices

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

**Response:**

### Best Practices

#### (A) 'Science Voyage To Village'

##### 1- Superstition Eradication and Awareness Programme (SEAP).

2- To eradicate superstition, blind faith and malpractices prevalent in the society by spreading scientific temper and awareness amongst villagers.

3- Since it is a science College and the Mission and Vision of the College prompts for the dissemination of scientific temper, the College IQAC decided in the session 2018-19 to prepare a programme for the surrounding rural villages in eradicating superstitious beliefs and practices which contradict with scientific rationalism. The villagers are not well educated and economically not sound and therefore they go for their well being to village doctors called Baba, Swami, Guru, Shastri, Bapu, Bhagat, Baiga, Ojha etc. who claim to have magic or psychic powers and perform miracles. Due to superstition many villagers live in depression, are exploited and lose their lives. Hence the programme has been started to make an attempt for eradication of superstitions.

4- The Principal of the College has constituted a committee for the purpose which selects students from College Union, NSS and Red Cross as well as active interested students and makes a group. The group is trained and is sent to nearby villages and with the help of Sarpanch, gather the villagers and give them scientific knowledge clarifying their blind faith and superstition. The group explains the harmfulness and uselessness of witchcraft, spells, charms, drugs, magic amulets etc. remedies for the well-being. The group makes villagers acquainted with futility of Jadu Tona, Tantra Mantra, Taveez, animal bird sacrifice etc. and

lead a scientific life with modernity.

5- Since the programme has started in the session 2019-20 the evidence of success is yet to be seen. But response of the villagers is positive and they seem eager to change their way of life in future.

6- Being a part of the tradition and religion, the beliefs and practices of the villagers have been passed from one generation to another and they are deep rooted in their mind and lifestyle. Therefore it becomes very difficult to persuade them to get rid of witchcraft/ black magic to scientific rationality. The villagers generally go to village god man/ doctor (Vaidya, Baiga) for health, financial or marital problems. The students face difficulty in making them understand the scientific facts.

7- Effort is being made to link the programme with State and national level movements regarding the eradication of blind faith and superstition and malpractices in Indian societies and making it adoptable to other colleges and the University.

## **(B) 'Go green and save Environment. (GGSE)'**

### **1- Environment Sustainability Programme**

2- To create awareness amongst village farmers and students about climate change and give them incentive to grow trees and save environment.

3- The College is situated in a village, 10 km away from the main city. Most of the villagers are farmers and they have agriculture lands with no trees. The scanty trees are their farming land gave incentive for the College to distribute at least one plant that the villager would grow in his farm land and look after it.

4- The NSS officer in the month of July/August goes to Government Nursery and gets a few saplings. Those are distributed amongst the villager's one for each which they promise to take care of. The students are also encouraged to adopt a plant and take one to their home and look after it. According to plan every year new villages would be selected and given at least 50 plants to the villagers to plant them in their farm lands. The volunteers of NSS go to the villages and distribute plants to the villagers.

5- The evidence of the success is that many of the plants given to the farmers and students are surviving. The programme has been started in the session 2019 - 20. And it is a success.

6- Most of the villagers refused to plant a tree in their farm land because it might shadow their land and produce would be less. Besides they asked for fruit tree or trees that would be helpful for manure or commercial purpose. Some of them expressed problem regarding tree-guard.

7- The College aims at popularizing the scheme amongst students and the surrounding village farmers in near future.

File Description	Document
Link for Best practices in the Institutional web site	<a href="#">View Document</a>

### 7.3 Institutional Distinctiveness

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

##### Response:

In Indian scenario Surguja Division in CG is a Scheduled Area considered as backward and majority of inhabitants belong to Tribal community. The area has been mapped economically and educationally backward. A few years ago the students of this area had to go to far off Universities and Colleges for the study of science subjects particularly for Microbiology, Biotechnology and Information Technology. Keeping in view the situation the State Government look initiative and opened a College only with science subjects in 2013, offering UG courses in Microbiology, Biotechnology and Information Technology. Now higher education with science faculty having employment oriented subjects is accessible and available for the students with affordable expenses. The College is now striving to cater to the needs of the students for quality education leading to better employability.

Established in 2013 in the tribal area of C.G. the College is making a voyage toward the fulfillment of its mission and vision providing education in Science to the students especially to the unprivileged and underprivileged. The College is distinctive in the sense that it is the only College with science subjects with Microbiology, Biotechnology and Information Technology along with traditional courses like Chemistry, Botany, Zoology, Physics and Maths. In Surguja Division, it is the only College that offers UG programme in the three new subjects. The UG programme in these three subjects provides greater scope and better opportunity for student's future placement and employability. It also imparts incentive for research and innovation. The subjects like Microbiology and Biotechnology open a scope in the field of teaching, medical, agriculture, industry, pharmacy, environment etc. Information Technology also provides the opportunity in the fields of teaching, computer programming, computer software development, computer software maintenance, computer networking, cyber security etc. These programmes can support students for self employment also. Beside these State and Union Civil Services are opened for the student's option.

The College launches awareness programme to the catchment area of the College orienting students of feeding Higher Secondary Schools. They are acquainted with the new job - oriented Microbiology, Biotechnology and Information Technology and their PSO and CO. In the session 2020- 2021, a positive result has come and in all the branches 100% G.E.R is seen, except in IT. In each subject there are 60 seats. In each of them GER is gradually increasing.

The College is expecting sufficient funds from the Government. Every year proposal for budget is sent to the concerned authority. At present the College is facing insufficient budget for development that sets back the fulfillment of its mission and vision. Even then the vision is to try to get incremental development and to fulfill perspective plans with the resources available in the College. In future sufficient Laboratories with all facilities for experiments and Research, standard and sufficient books in the library with e- library will be provided for the learners. The campus will be connected with Wi-Fi facility. PG courses will be started in Microbiology, Biotechnology and Information Technology with sufficient faculty. Placement and employability will be ensured and MOU with National and International Institutions will be done. The present available seats in U.G will be increased.

NAAC

## 5. CONCLUSION

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### **Additional Information :**

No any additional information availabel.

### **Concluding Remarks :**

The College is estabelished in 2013 and is a young college. The College is spreading its wing aspiring to soar towards high in the sky to acheive quality and excellance in higher education.

NAAC