



YEARLY STATUS REPORT - 2021-2022

| Part A | |
|--|---|
| Data of the Institution | |
| 1.Name of the Institution | Government Science College Ambikapur |
| • Name of the Head of the institution | Dr. Kusumlata Vishwakarma |
| • Designation | Principal |
| • Does the institution function from its own campus? | Yes |
| • Phone no./Alternate phone no. | |
| • Mobile no | 9685858581 |
| • Registered e-mail | scienceclgambikapur@gmail.com |
| • Alternate e-mail | |
| • Address | Ambikapur |
| • City/Town | Ambikapur |
| • State/UT | Chhattisgarh |
| • Pin Code | 497001 |
| 2.Institutional status | |
| • Affiliated /Constituent | Affiliated |
| • Type of Institution | Co-education |
| • Location | Urban |
| | |

| • Financial Status | UGC 2f and 12(B) | | | | | | | | | | | | |
|--|---|----------------|-----------------------------|-----------------------------|---------------|-------------|---------|-----|------|------|------------|------------|--|
| • Name of the Affiliating University | Sant Gahira Guru Vishwavidyalaya | | | | | | | | | | | | |
| • Name of the IQAC Coordinator | Dr. Annmary Xalxo | | | | | | | | | | | | |
| • Phone No. | | | | | | | | | | | | | |
| • Alternate phone No. | | | | | | | | | | | | | |
| • Mobile | 8889991860 | | | | | | | | | | | | |
| • IQAC e-mail address | iqacscienceclg@gmail.com | | | | | | | | | | | | |
| • Alternate Email address | scienceclgambikapur@gmail.com | | | | | | | | | | | | |
| 3. Website address (Web link of the AQAR (Previous Academic Year)) | http://www.scienceclgambikapur.com/naac.aspx?Title=SSR | | | | | | | | | | | | |
| 4. Whether Academic Calendar prepared during the year? | Yes | | | | | | | | | | | | |
| • if yes, whether it is uploaded in the Institutional website Web link: | http://www.scienceclgambikapur.com/naac.aspx?Title=Academic%20Calendar | | | | | | | | | | | | |
| 5. Accreditation Details | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>B</td> <td>2.14</td> <td>2022</td> <td>05/04/2022</td> <td>04/04/2027</td> </tr> </tbody> </table> | Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to | Cycle 1 | B | 2.14 | 2022 | 05/04/2022 | 04/04/2027 | |
| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to | | | | | | | | |
| Cycle 1 | B | 2.14 | 2022 | 05/04/2022 | 04/04/2027 | | | | | | | | |
| 6. Date of Establishment of IQAC | 09/01/2018 | | | | | | | | | | | | |
| 7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc., | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Institutional/Department /Faculty</th> <th>Scheme</th> <th>Funding Agency</th> <th>Year of award with duration</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Nil</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> </tr> </tbody> </table> | Institutional/Department /Faculty | Scheme | Funding Agency | Year of award with duration | Amount | Nil | Nil | Nil | Nil | Nil | | | |
| Institutional/Department /Faculty | Scheme | Funding Agency | Year of award with duration | Amount | | | | | | | | | |
| Nil | Nil | Nil | Nil | Nil | | | | | | | | | |
| 8. Whether composition of IQAC as per latest NAAC guidelines | Yes | | | | | | | | | | | | |
| • Upload latest notification of formation of IQAC | View File | | | | | | | | | | | | |

| | |
|---|---|
| 9.No. of IQAC meetings held during the year | 02 |
| <ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? | No |
| <ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report | View File |
| 10.Whether IQAC received funding from any of the funding agency to support its activities during the year? | No |
| <ul style="list-style-type: none"> If yes, mention the amount | |
| 11.Significant contributions made by IQAC during the current year (maximum five bullets) | |
| 1. Value added course prepared. | |
| 2. Started Induction ceremony for freshers. | |
| 3. Organized one day training for power point presentation. | |
| 12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year | |
| Plan of Action | Achievements/Outcomes |
| 1. Career guidance workshop. | Successfully done. |
| 2. Effort for infrastructure enhancement | Additional building construction started. |
| 13.Whether the AQAR was placed before statutory body? | No |
| <ul style="list-style-type: none"> Name of the statutory body | |
| Name | Date of meeting(s) |
| AQAR committee | 15/12/2022 |
| 14.Whether institutional data submitted to AISHE | |
| | |

| Year | Date of Submission |
|---------|--------------------|
| 2020-21 | 04/03/2022 |

15. Multidisciplinary / interdisciplinary

For attaining holistic development of the students outlined in NEP 2020, the institution aims to implement and provide suitable multidisciplinary flexible curriculum for the learners as per approval of the University. The institution is a government college affiliated to Sant Gahira Guru Vishwavidyalya, Ambikapur, Surguja, Chhattisgarh, which is a state university. The UG curricula are framed by Central Board of Studies, Raipur constituted by Higher Education department of CG government and the PG curricula is framed by Affiliating University that follows choice based credit system (CBCS). It comprises of some core courses, some elective courses and some optional courses which offers interdisciplinary choices to the learners, so the college already has the framework for offering elective courses and will be prepared for this concept of multiple entries and exit. The NEP2020 is proposed to be implemented in all colleges from next academic session. Thereafter the college plans to offer some short term and vocational courses to the students so that the learners will be able to attain holistic and multidisciplinary education.

16. Academic bank of credits (ABC):

Continuous internal evaluation system is followed as per the academic calendar. The UG program follows the annual pattern and the PG program curricula is based on CBCS. To fulfill the requirement of ABC as proposed in NEP 2020, the proper framework needs to be developed. It is understood that the database of credits earned by the learners in various courses will have to be maintained by the institution so that the learners can avail the benefits of multiple entries and exit during the program. The institution will be ready to adopt and follow the ABC whenever it will be adopted by the Affiliating University.

17. Skill development:

The institution takes efforts to inculcate the necessary skills and values in the students so that they will be able to face global challenges. The college celebrates all national festivals and other significant days like Yoga Day, Human Rights Day, Yuwa Divas, etc. Guest lectures are also organized covering a variety of topics to enhance their experiences. Students are also given ample opportunities to participate in co-curricular and extracurricular activities organized by IQAC, SVEEP, NSS and Red Cross. This helps

to develop leadership qualities, public speaking, creative writing and other soft skills. Mentoring and counseling of students is also done to help them make their best development possible. In future vocational courses will also be initiated.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The institution being a college exclusively devoted to academic programs in science, does not offer any language courses, especially Indian languages. Hindi and English are taught at UG levels as part of Foundation Course which is a compulsory course in all 3 years of UG program. The medium of instruction at UG level has been bilingual i.e. both Hindi and English medium students are admitted. Teaching in other Indian languages is not yet started.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The institution is keen to focus on outcome based education. The college makes its academic calendar based on academic calendar issued by Department of Higher Education Raipur. It includes regular tests, assignments, seminars and a variety of co-curricular and extracurricular activities so that ample opportunities for self-development are made available to the learners. Due to the institutional efforts, in addition to positive academic achievements as per program outcome, the learners develop team spirit, cooperation, leadership, communication skill, writing skill etc.

20.Distance education/online education:

During the COVID -19 lockdown the importance of online mode of education was realized. All the classes were held online live using Google Meet and Zoom and study material was shared online. The divisional level classes were held live via You tube and thus the faculty completed the academic plan on time.

Having seen the benefits of online classes the faculty even now uses their online groups for sending various videos and images as teaching-learning aids to supplement their classroom instruction. More focus is needed on the development of better ICT infrastructure. In due course of time the college also aims to offer skill development courses and other vocational courses through ODL mode.

Extended Profile

1.Programme

1.1

03

| | | |
|---|---------------------------|-----------|
| Number of courses offered by the institution across all programs during the year | | |
| File Description | | Documents |
| Data Template | View File | |
| 2.Student | | |
| 2.1 Number of students during the year | | 640 |
| File Description | | Documents |
| Institutional Data in Prescribed Format | View File | |
| 2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | | 580 |
| File Description | | Documents |
| Data Template | View File | |
| 2.3 Number of outgoing/ final year students during the year | | 175 |
| File Description | | Documents |
| Data Template | View File | |
| 3.Academic | | |
| 3.1 Number of full time teachers during the year | | 12 |
| File Description | | Documents |
| Data Template | View File | |
| 3.2 Number of sanctioned posts during the year | | 12 |

| File Description | Documents |
|------------------|---------------------------|
| Data Template | View File |

4. Institution

| | |
|--|----------|
| 4.1 Total number of Classrooms and Seminar halls | 11 |
| 4.2 Total expenditure excluding salary during the year (INR in lakhs) | 13.01036 |
| 4.3 Total number of computers on campus for academic purposes | 08 |

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Government Science College, Ambikapur is affiliated to Sant Gahira Guru University, Sarguja Ambikapur. The college runs 3 programs M.Sc. Chemistry, M.Sc. Maths, and BSc. Choice Based Credit System has been implemented in MSc programs. BSc is a three year degree course with 11 courses including Botany, Zoology, Chemistry, Microbiology, Biotechnology, Information Technology, Physics, Mathematics, Environmental Studies, Foundation Course (Hindi and English) with different combinations.

The curriculum for B.Sc. Programme is framed by the Central Board of Studies, Raipur constituted by the Higher Education Department of Chhattisgarh government while the M.Sc. Programme curriculum is framed by the affiliating university. The curriculum is updated from time to time by the Board of Studies as needed. The curriculum includes practical work, projects and field work to enhance knowledge and skills.

The curriculum is delivered to the student in a systematic and planned way. Each faculty in his/her subject prepares a monthly teaching plan and Daily diary which is duly signed by the HOD of the department and the Principal. Date sheet for internal tests and seminars are also prepared by PG departments. The teaching-learning

process aims at achieving not only academic development of the students but also their overall personality.

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | View File |
| Link for Additional information | http://www.scienceclgambikapur.com/Student_section.aspx?title=Syllabus |

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The college adheres to the Academic Calendar framed and issued to all state universities and colleges by the Higher Education Department of Chhattisgarh with the recommendation and approval by all the universities in Chhattisgarh. The Academic Calendar focuses on curriculum and co-curricular activities to be observed during the year. It also includes tentative dates for admission procedure for all three programs, sports, cultural activities of college and state level, N.S.S activities, tree plantation, vacations, internal tests, half yearly exam and annual exams.

The college prepares own Academic Calendar parallel to General Academic Calendar relevant to institutional needs. The college conducts unit tests, seminars, group discussion, assignments etc. to assess and evaluate the students' performance. Every department does its best to adhere to and follow the Academic Calendar. Within this framework the curriculum is delivered effectively to the students.

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | View File |
| Link for Additional information | http://www.scienceclgambikapur.com/naac.aspx?Title=AOAR%202022%20Criterion%201 |

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 year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG

B. Any 3 of the above

programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

| File Description | Documents |
|--|---------------------------|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | View File |
| Any additional information | View File |

1.2 - Academic Flexibility

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

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

02

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Minutes of relevant Academic Council/ BOS meetings | View File |
| Institutional data in prescribed format (Data Template) | View File |

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

00

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Brochure or any other document relating to Add on /Certificate programs | No File Uploaded |
| List of Add on /Certificate programs (Data Template) | View File |

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number

of students during the year

00

| File Description | Documents |
|---|------------------|
| Any additional information | No File Uploaded |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | No File Uploaded |

1.3 - Curriculum Enrichment

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

The curriculum is framed by the Central Board of Studies, Higher Education Department, Raipur, C.G. and implemented by the affiliating universities. The college integrates and adheres all the cross cutting issues as incorporated in the curriculum. It is as follows:

Professional Ethics : It is included in UG as well as in PG courses. In M.Sc. Maths and M.Sc. Chemistry third semester courses MSM S03 and MSC S03 respectively deals with basics of Intellectual Property and Human Rights. In B.Sc. III Biotechnology paper I unit IV include Intellectual Property Rights patents, copyright, Trademark,G.I., patenting genes and life form.

Gender: Gender issue is included in B.Sc.III Foundation Course,English Language Textbook Chapter VIII "Women and Development".

Human Values: It is important to develop human Values and basic emotions in the students. Foundation Course English and Hindi includes the chapters essential to make the students imbibe human values.

All the course contents of Life Science such as Botany, Zoology, Microbiology, Biotechnology are related to study of nature and make students aware of biodiversity, its importance and emphasizes the need of environment conservation and sustainability.

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. | View File |

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

05

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Programme / Curriculum/ Syllabus of the courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | No File Uploaded |
| MoU's with relevant organizations for these courses, if any | No File Uploaded |
| Institutional Data in Prescribed Format | View File |

1.3.3 - Number of students undertaking project work/field work/ internships

320

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | View File |

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students

C. Any 2 of the above

| Teachers Employers Alumni | |
|--|---|
| File Description | Documents |
| URL for stakeholder feedback report | http://www.scienceclgambikapur.com/naac.aspx?Title=AOAR%202022%20Criterion%201 |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | View File |
| Any additional information | No File Uploaded |
| 1.4.2 - Feedback process of the Institution may be classified as follows | A. Feedback collected, analyzed and action taken and feedback available on website |
| File Description | Documents |
| Upload any additional information | View File |
| URL for feedback report | http://www.scienceclgambikapur.com/naac.aspx?Title=Feedback%20Analysis%20and%20Report |
| TEACHING-LEARNING AND EVALUATION | |
| 2.1 - Student Enrollment and Profile | |
| 2.1.1 - Enrolment Number Number of students admitted during the year | |
| 2.1.1.1 - Number of students admitted during the year | |
| 640 | |
| File Description | Documents |
| Any additional information | View File |
| Institutional data in prescribed format | View File |
| 2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats) | |
| 2.1.2.1 - Number of actual students admitted from the reserved categories during the year | |

130

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Number of seats filled against seats reserved (Data Template) | View File |

2.2 - Catering to Student Diversity

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

The College organizes an orientation program for the freshers, to acquaint them about the College, its code of conduct, the program and course outcomes ST, SC, OBC welfare schemes etc. The majority of the students come from ST, SC, and OBC community. The College assesses the learning levels of the students to identify the slow learners and advanced learners. The College does not get any grant for remedial classes from UGC. The Mentor-mentee is also useful to identify and help the slow learners. Accordingly after class counseling and study materials are provided to slow learners. The advanced learners are encouraged to prepare for competitions, group discussions and research oriented higher education.

| File Description | Documents |
|---------------------------------------|--------------------|
| Paste link for additional information | NA |
| Upload any additional information | No File Uploaded |

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

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 640 | 12 |

| File Description | Documents |
|----------------------------|---------------------------|
| Any additional information | View File |

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

The College uses student centric method for enhancing learning

experience. Dissertation, Project work and social outreach is a part of choice based credit system which is followed at the P.G. level. Seminars and group discussions are organized form time to time. Visits to nearby educational institutions and field visits provide the learners participative learning experiences. The College provides sports facility in last period to encourage participation in sports and fitness. Other extension activities organized by the College and participation in NSS, SVEEP etc. help the learners to solve problems and inculcate various life skills in the students.

| File Description | Documents |
|-----------------------------------|--------------------|
| Upload any additional information | No File Uploaded |
| Link for additional information | NA |

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The College uses ICT for teaching-learning purposes. During the Covid-19 lock down the teacher used online platforms for their daily classes. Google Meet was approved by the directorate of higher education for the classes. In addition to this online classes were held at divisional level by using online live streaming app form the nodal College and teachers from this institution were also allotted classes.

| File Description | Documents |
|---|------------------|
| Upload any additional information | No File Uploaded |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | No File Uploaded |

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

2.3.3.1 - Number of mentors

12

| File Description | Documents |
|--|---------------------------|
| Upload, number of students enrolled and full time teachers on roll | View File |
| Circulars pertaining to assigning mentors to mentees | No File Uploaded |
| Mentor/mentee ratio | View File |

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

12

| File Description | Documents |
|--|---------------------------|
| Full time teachers and sanctioned posts for year (Data Template) | View File |
| Any additional information | No File Uploaded |
| List of the faculty members authenticated by the Head of HEI | View File |

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

04

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template) | View File |

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

2.4.3.1 - Total experience of full-time teachers

42

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

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The mechanism of internal assessment of the College is transparent and robust. The College is a government College affiliated to Sant Gahira Guru University Surguja, and assessment mode is regulated by the directives of the academic calendar issued by the Higher Education department and the affiliating University. The College organizes unit tests, seminars, project work, assignments and half yearly exams as part of internal assessment. In the P.G. classes CBCS is followed with semester wise schedule made by the affiliating University. The students are informed these details and in this way transparency of internal assessment is maintained.

| File Description | Documents |
|---------------------------------|--------------------|
| Any additional information | No File Uploaded |
| Link for additional information | NA |

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

The College organizes unit tests, seminars, project work, assignments and half yearly exams as part of internal assessment. After the internal exams the faculty discusses the performance of the student and the ways to better their academic performance so that students have no exam related grievances. The annual/semester exams are conducted by the affiliating University, which has a provision for revaluation and rechecking of answer books. Thus the mechanism to deal with internal/external examination related grievances is transparent, time bound and efficient.

| File Description | Documents |
|---------------------------------|--------------------|
| Any additional information | No File Uploaded |
| Link for additional information | NA |

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.

The College offers three programmes and 79 courses. The PSOs and COs of all the programmes and courses are displayed on the College website. The website also has details of faculty and all other academic related information. All the beginning of the session an induction programme is organized for the freshers to introduce them to the details about the College, faculty and the College website. In addition to this programme and course outcome for all programmes offered by the institutions is discussed and explained to the students.

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for Additional information | http://www.scienceclgambikapur.com/naac.aspx?Title=Programme%20Specific%20Outcome%20and%20Course%20Outcome |
| Upload COs for all Programmes (exemplars from Glossary) | No File Uploaded |

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

The examination system serves as the mode for the assessment of course outcomes. The institutions ensure the completion of the theory papers and practical work of every course among the students. The annual percentage of pass rate in the University examination is the yardstick for course outcomes and programs outcomes.

| File Description | Documents |
|---------------------------------------|--------------------|
| Upload any additional information | No File Uploaded |
| Paste link for Additional information | NA |

2.6.3 - Pass percentage of Students during the year**2.6.3.1 - Total number of final year students who passed the university examination during the year****175**

| File Description | Documents |
|--|---------------------------|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | View File |
| Paste link for the annual report | NA |

2.7 - Student Satisfaction Survey**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

<http://www.scienceclgambikapur.com/naac.aspx?Title=Feedback%20Analysis%20and%20Report>

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****NIL**

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| e-copies of the grant award letters for sponsored research projects /endowments | No File Uploaded |
| List of endowments / projects with details of grants(Data Template) | View File |

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

3.1.2.1 - Number of teachers recognized as research guides

03

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Institutional data in prescribed format | View File |

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year**3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

00

| File Description | Documents |
|---|---------------------------|
| List of research projects and funding details (Data Template) | View File |
| Any additional information | No File Uploaded |
| Supporting document from Funding Agency | No File Uploaded |
| Paste link to funding agency website | NA |

3.2 - Innovation Ecosystem

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

Interaction between individuals creates an ecosystem for innovation and knowledge transfer. The college has taken initiatives to strengthen the interactions among students and teachers for knowledge sharing and motivating them to explore the field of their interest. These interactions help to innovate new methodologies in teaching-learning and knowledge sharing.

The faculty also interact with teachers from different institutions and from different disciplines to generate and share knowledge, these newly generated knowledge is transferred to students by class teaching, experiments, group discussions etc. The students of M.Sc. have dissertation and social outreach programs. The College also conducts various activities for creation and transfer of knowledge such as seminars, expert lectures, visit of nearby colleges and

institutions, inter college faculty exchange etc. that helps to achieve satisfactory results in academics as well in extracurricular activities.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | NA |

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

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

00

| File Description | Documents |
|--|---------------------------|
| Report of the event | No File Uploaded |
| Any additional information | No File Uploaded |
| List of workshops/seminars during last 5 years (Data Template) | View File |

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

00

| File Description | Documents |
|--|---------------------------|
| URL to the research page on HEI website | NA |
| List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template) | View File |
| Any additional information | View File |

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

02

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| List of research papers by title, author, department, name and year of publication (Data Template) | View File |

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**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 year**

00

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| List books and chapters edited volumes/ books published (Data Template) | View File |

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 year

Extension Activities plays a vital role in overall development and sensitization of students, our college takes these as priority. Various programs such as Science day, Women's day, Mental Health day, Shaheed Diwas are organized to sensitize students to various cross cutting issues. Students also have social outreach and field work/ projects which helps their holistic development.

College also has an active NSS unit of 100 volunteers that also plays an integral role in activities such as cleanliness (Swacchta) drive, tree plantation, awareness about environmental pollution and degradation etc.

College also helps in voter registration and awareness under SVEEP. Various members are selected from students as volunteers and they regularly work on electoral literacy through rallies, debates and other competitions.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Paste link for additional information | NA |
| Upload any additional information | View File |

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

00

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| Number of awards for extension activities in last 5 year (Data Template) | View File |
| e-copy of the award letters | No File Uploaded |

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

03

| File Description | Documents |
|--|---------------------------|
| Reports of the event organized | View File |
| Any additional information | No File Uploaded |
| Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template) | View File |

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

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 year

280

| File Description | Documents |
|--|---------------------------|
| Report of the event | No File Uploaded |
| Any additional information | No File Uploaded |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | View File |

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

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

01

| File Description | Documents |
|--|---------------------------|
| e-copies of related Document | View File |
| Any additional information | No File Uploaded |
| Details of Collaborative activities with institutions/industries for research, Faculty | View File |

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

03

| File Description | Documents |
|--|---------------------------|
| e-Copies of the MoUs with institution./ industry/corporate houses | View File |
| Any additional information | View File |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the year | View File |

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.

Our college campus has an area sufficient to fulfil requirements of the students for curricular and extracurricular activities; there are enough classrooms for routine classes with a spacious library, administrative office rooms and all basic facilities as per university affiliation norms. The college has 14.82 acres with built up area of 2226.24 square meters. The building consists of administrative office, Principal's room, staff room, NSS room, chemistry laboratory, common room for girls, and classrooms on the ground floor. The first floor has a library, Physics lab, IT lab, two Biological Science laboratories, two classrooms and one audio visual room. There are separate toilets for students and staff on both floors. There is a provision for a ladies hostel with 2258.00 m² built up area and its total capacity is 100 and its construction is nearly completion.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | NA |

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

The college tries its best to increase participation and gaining excellence in sports and cultural activities for the holistic development of students. For sports the college has grounds extend to almost 13 acres in which specific spaces have been made available

to students for practice of outdoor games like volleyball, kho-kho, Shot put and Javelin . In indoor games badminton and chess etc. is available. Some of our students have represented the affiliating university teams at different levels.

The college takes genuine interest in promoting artistic activities, The college organises different events like skits, folkdance, Street plays etc. and takes part in youth festival (Yuva-Utsav) organised every year. Students of our college practice and prepare for the competitions by participating in college level programs and students are sent for cultural events at sector and district level. We have performed well in cultural activities and won some of the competitions, the students of the college have represented at various cultural events at sector and district level, and hence the cultural unit is one of the assets of the college.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | http://www.scienceclgambikapur.com/naac.aspx?Title=AQAR%202022%20Criterion%204 |

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

01

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | http://www.scienceclgambikapur.com/naac.aspx?Title=AQAR%202022%20Criterion%204 |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

3.17865

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Upload audited utilization statements | No File Uploaded |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | View File |

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

The Integrated Library Management System (ILMS) of the Library has not been done yet, but the college administration has initiated the library automation process in a stepwise manner. In the future, there is a possibility that our college will have a state of the art library.

| File Description | Documents |
|---------------------------------------|-------------------------|
| Upload any additional information | No File Uploaded |
| Paste link for Additional Information | NA |

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**E. None of the above**

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | View File |

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-**

journals during the year (INR in Lakhs)**0.024**

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| Audited statements of accounts | View File |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | View File |

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)**4.2.4.1 - Number of teachers and students using library per day over last one year****12**

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Details of library usage by teachers and students | View File |

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

The college has 10 computers with internet access and essential software, 08 computers are available for students. The college has LAN based broadband, One ICT enabled classroom with overhead projector, computer set with LAN connection, speaker mic etc. Regular maintenance of computer hardware and software is done by service providers as per need. The college plans to establish a state of art IT infrastructure.

| File Description | Documents |
|---------------------------------------|--------------------|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | NA |

4.3.2 - Number of Computers

10

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | No File Uploaded |
| List of Computers | View File |

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

| File Description | Documents |
|--|---------------------------|
| Upload any additional Information | No File Uploaded |
| Details of available bandwidth of internet connection in the Institution | View File |

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

9.83171

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Audited statements of accounts | No File Uploaded |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | View File |

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.

The institute has a well organised system for maintenance of physical, academic and support facilities. The Laboratory technician in consultation with HOD prepares the list of maintenance activities and based on it work is carried out. Stock verification of all items is done annually and consumable items are renewed. The library has

an in-charge appointed by the Principal to ensure its smooth functioning. Its regular maintenance and cleaning is done by the support staff of the college.

The maintenance of computer is done regularly as per need. Updating of software, hardware, operating system, antivirus installation and etc. is carried out regularly. The college has its website which is maintained regularly by the AMC with Ravi solutions, Durg (C.G.).

The play grounds are maintained as per need or before any sports tournament by college funds. Repair of building, toilets, electrical and plumbing works is undertaken by PWD it ensures the smooth functioning of the college. Internal cleaning of the college building, urinals and toilets is done by the support staff regularly. Furniture is repaired as needed. The drainage system is cleaned periodically.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | NA |

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

349

| File Description | Documents |
|--|---------------------------|
| Upload self attested letter with the list of students sanctioned scholarship | View File |
| Upload any additional information | No File Uploaded |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | View File |

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

349

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Number of students benefitted by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | View File |

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

E. none of the above

| File Description | Documents |
|---|---------------------------|
| Link to Institutional website | NA |
| Any additional information | No File Uploaded |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

152

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

152

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | View File |

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

C. Any 2 of the above

| File Description | Documents |
|--|---------------------------|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View File |
| Upload any additional information | View File |
| Details of student grievances including sexual harassment and ragging cases | View File |

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

00

| File Description | Documents |
|--|---------------------------|
| Self-attested list of students placed | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Details of student placement during the year (Data Template) | View File |

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

26

| File Description | Documents |
|--|---------------------------|
| Upload supporting data for student/alumni | No File Uploaded |
| Any additional information | No File Uploaded |
| Details of student progression to higher education | View File |

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

00

| File Description | Documents |
|--|---------------------------|
| Upload supporting data for the same | View File |
| Any additional information | No File Uploaded |
| Number of students qualifying in state/ national/ international level examinations during the year (Data Template) | View File |

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one)

during the year

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) during the year.

01

| File Description | Documents |
|--|---------------------------|
| e-copies of award letters and certificates | No File Uploaded |
| Any additional information | No File Uploaded |
| Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template) | View File |

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

The Students participate according to their interest in the various different co-curricular activities organized by the College. Students explore their potential in different co-curricular activities like debate, essay writing, story writing, rangoli, painting competition etc. organized by the college. Youth Festival is also organized by the college every year. Students Participate in the sports like Kho-kho, Volleyball, Kabaddi, badminton etc. for their overall development along with the studies. The Student council is constituted every year through direct election or on merit basis as per the directives of the Higher Education Department. The Principal and the professor in-charge of the students union also ensure representation and engagement of the union officials in all the activities. 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 involve themselves as student leaders. The College IQAC consists of students representation as well as the Janbahgidari samiti has two members who are alumni.

| File Description | Documents |
|---------------------------------------|--------------------|
| Paste link for additional information | NA |
| Upload any additional information | No File Uploaded |

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

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

10

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Upload any additional information | No File Uploaded |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template) | View File |

5.4 - Alumni Engagement

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

The College was established in 2013 with only UG Program and PG Programs started in 2016. The college has formed an Alumni association and its registration has been done in 2022.

| File Description | Documents |
|---------------------------------------|--------------------|
| Paste link for additional information | NA |
| Upload any additional information | No File Uploaded |

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | No File Uploaded |

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

The institution is a government college hence it is governed by the regulations made by the state government. The Principal of the college constitutes various committees that function under his/her directives to ensure that the functioning of the institution is aligned with the vision and mission of the college. The teachers as convenors or members of the committees participate in all decision making processes delegated to them. There are various committees for admission, discipline, scholarships etc. that function efficiently ensuring good governance. Various Government scholarships are provided to the SC, ST and economically challenged students. The college encourages and empowers the students from diverse backgrounds of this economically backward region by providing them holistic education with scientific temper and logical thinking and to make them socially committed and responsible citizens.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://www.scienceclgambikapur.com/naac.aspx?Title=AQAR%202022%20Criterion%206 |
| Upload any additional information | View File |

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

The institution practices decentralized and participative management in all its activities by involving faculty members, staff and student representatives at various levels. The institution has various statutory bodies for development of policies, regulations, guidelines and implementation. The institution is administered and managed by the head of the institution, the Principal, through various committees which are formed in every academic session. In each committee, senior faculty members are coordinators and two/three faculty members and a few technical staff are members. These committees function according to the guidelines given by the state

government. The decision of the committees is forwarded to the Principal for approval and issue of orders. The effective leadership is visible by this clear division in areas of governance.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Paste link for additional information | NA |
| Upload any additional information | View File |

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The perspective plan is made by the IQAC keeping in view the available resources and the needs for incremental improvement. Some institutional strategy plans have been successfully implemented. The college had plans for extension of existing building to start new PG programs and sufficient laboratories for all programs. The college sent a proposal/plan to Higher Education Department, Chhattisgarh for construction of the additional building. The government has approved the plan and sanctioned Rupees 1.2 crores. The layout of the new building has been done on 7/10/2022 and it is under construction.

| File Description | Documents |
|--|---------------------------|
| Strategic Plan and deployment documents on the website | No File Uploaded |
| Paste link for additional information | NA |
| Upload any additional information | View File |

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.

The Principal of the college is the head of the institution and under him/her all other branches function. IQAC, NAAC, RUSA, various committees, faculty members, 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 | Documents |
|---|---|
| Paste link for additional information | NA |
| Link to Organogram of the institution webpage | http://www.scienceclgambikapur.com/naac.aspx?Title=AQAR%202022%20Criterion%206 |
| Upload any additional information | No File Uploaded |

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

| File Description | Documents |
|--|---------------------------|
| ERP (Enterprise Resource Planning) Document | No File Uploaded |
| Screen shots of user inter faces | View File |
| Any additional information | No File Uploaded |
| Details of implementation of e-governance in areas of operation, Administration etc(Data Template) | View File |

6.3 - Faculty Empowerment Strategies

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

To keep the morale of the employees high, the college adopts several welfare measures as per the state government provisions. The list of existing welfare measures are as follows:

Casual leave, Medical leave, Earned leave and duty leave as per government rules

Maternity and Paternity leave

Health facilities

Annual increment

Child care leave

| File Description | Documents |
|---------------------------------------|---------------------------|
| Paste link for additional information | NA |
| Upload any additional information | View File |

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

00

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

00

| File Description | Documents |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres). | No File Uploaded |
| Reports of Academic Staff College or similar centers | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | View File |

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

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

03

| File Description | Documents |
|---|---------------------------|
| IQAC report summary | No File Uploaded |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Details of teachers attending professional development programmes during the year (Data Template) | View File |

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

Staff performance is appraised annually. The institution collects the confidential report of all the employees at the end of the session along with PBAS of UGC. The Principal being the head of the institution assesses the performance of teaching staff and forwards the appraisal to Directorate of Higher Education for final marking. The Principal also inspects classroom teaching and daily diary. The feedback collected from students is also taken into consideration. Annual Appraisal of non-teaching/office staff is appraised by the Principal by their confidential report. Annual character record is maintained and scrutinized by Directorate of Higher education for consideration of promotion.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Paste link for additional information | NA |
| Upload any additional information | View File |

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit

objections within a maximum of 200 words

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 two or three 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 | Documents |
|---------------------------------------|---------------------------|
| Paste link for additional information | NA |
| Upload any additional information | View File |

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

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

00

| File Description | Documents |
|---|---------------------------|
| Annual statements of accounts | No File Uploaded |
| Any additional information | No File Uploaded |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | View File |

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The State Government allots budget for regular expenses like salary etc. and contingent fund for purchase of books, furniture etc. It also allocates funds for construction of additional buildings etc. The college adopts all the rules and regulation of Chhattisgarh Government Bhandar Kraya Niyam (State rule 1998) for utilization of funds. To mobilize the funds, the institution has constituted a

purchase committee. Annual requirements are invited from all the departments and on priority basis requirements are sanctioned according to the budget. Quotation tenders are invited and it is opened before the Purchase Committee of the college constituted by the Principal. The government fund as well as PD fund utilization is done at the discretion of the Principal. Jan bhagidari fund is utilized after it is approved by JB samitee.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Paste link for additional information | NA |
| Upload any additional information | View File |

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

IQAC has been striving to institutionalize the quality assurance strategies and processes in the Institution. The following are the major focus areas of IQAC: Practice I - Continuous Internal Evaluation for better teaching learning outcomes. The IQAC recommended the continuous assessment of students implementing unit tests, seminars and half yearly exams. This has been included the academic calendar. Based on the internal performance of the students, remedial measures are taken and this has helped the academic performance of the learners. Practice II- Audio Video Classroom Teaching - Learning The covid19 pandemic has highlighted the need for online education. Realizing the need of the times and for quality enhancement of teaching learning outcome the college has set up a classroom with audio video facilities. To ensure maximum utilization of available infrastructural facilities and the ICT resources the audio video room is also used by students for their seminar presentations.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Paste link for additional information | NA |
| Upload any additional information | View File |

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

- The teaching learning process monitored by IQAC to ensure learning outcome.
- Construction of 100 seater girls hostel nearly complete.
- Using power point presentation for lectures and seminar presentation by students
- Alumni Association registration successfully completed.
- Mentor-Mentee system continued.
- Library automation initiated.
- Internet connectivity improved.
- Tree plantation with tree guard.
- Additional building construction started.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Paste link for additional information | NA |
| Upload any additional information | View File |

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

D. Any 1 of the above

| File Description | Documents |
|--|---------------------------|
| Paste web link of Annual reports of Institution | NA |
| Upload e-copies of the accreditations and certifications | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Upload details of Quality assurance initiatives of the institution (Data Template) | View File |

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 year

The institution makes sincere efforts for the promotion of gender equity. There is 30% reservation for girls during admissions at both UG and PG levels. Special concessions in fees are given to girls. Gender equity and sensitization programs are organized from time to time. Mentoring and counseling for students is also done by the faculty and principal. The curriculum has gender issues in Foundation Course (English and Hindi) prescribed text books which help create awareness of gender equity and sensitization.

There is a common room for girls, and there are sufficient and separate washrooms for boys and girls. The college is committed to provide a safe academic environment to students and its employees and is extremely alert to matters pertaining to any kind of harassment and gender violation. The institution makes safety and security of learners its prime focus. The entire college building and campus are screened by CCTV. There are no cases of any violation of safety or gender related issues.

The Woman Harassment Cell has been constituted under The Sexual Harassment of Women at the Workplace (Prevention, Prohibition and Redressal) Act 2013. The cell will address complaints from students and staff, if and when required, to take necessary action.

| File Description | Documents |
|--|---|
| Annual gender sensitization action plan | NA |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | http://www.scienceclgambikapur.com/naac.aspx?Title=AQAR%202022%20Criterion%207 |

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

D. Any 1 of the above

| File Description | Documents |
|--------------------------------|---------------------------|
| Geo tagged Photographs | View File |
| Any other relevant information | View File |

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid Waste Management:

The Institutions follows the 3R's of waste management. The College promotes reuse of paper to reduce wastages. Even covers of practical work files are returned to students for reuse.

Dustbins are kept in various places of college building. Solid waste generation is minimal.

The campus supports ban on plastic bags.

Liquid waste management:

Major source of liquid waste is the waste water form laboratories and washrooms. In each laboratory there is wash basin facilities, during practical the used waster isdrained intothe washbasinthat goes through the drainage system to soak pit.

Other Waste:

Biomedical waste is nominal and disposed appropriately. All biodegradable waste is composted. Computers are repaired. Other wastes like broken glassware are given to the NagarPalik Nigam for waste management.

| File Description | Documents |
|---|------------------|
| Relevant documents like agreements / MoUs with Government and other approved agencies | No File Uploaded |
| Geo tagged photographs of the facilities | No File Uploaded |

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

D. Any 1 of the above

| File Description | Documents |
|---|---------------------------|
| Geo tagged photographs / videos of the facilities | View File |
| Any other relevant information | No File Uploaded |

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

D. Any 1 of the above

| File Description | Documents |
|--|---------------------------|
| Geo tagged photos / videos of the facilities | View File |
| Various policy documents / decisions circulated for implementation | No File Uploaded |
| Any other relevant documents | No File Uploaded |

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

D. Any 1 of the above

| File Description | Documents |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | View File |
| Certification by the auditing agency | No File Uploaded |
| Certificates of the awards received | No File Uploaded |
| Any other relevant information | No File Uploaded |

| | |
|--|-------------------------------------|
| <p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts 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</p> | <p>D. Any 1 of the above</p> |
|--|-------------------------------------|

| File Description | Documents |
|--|---------------------------|
| Geo tagged photographs / videos of the facilities | View File |
| Policy documents and information brochures on the support to be provided | No File Uploaded |
| Details of the Software procured for providing the assistance | No File Uploaded |
| Any other relevant information | No File Uploaded |

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 200 words).

Linguistic difference does appear sometimes because students come from Hindi and English medium schools and Hindi medium students are a majority. This is solved by bi-lingual teaching at undergraduate level. Even the evaluation process includes both languages.

The staff and students mostly consist of Hindus and Christians. Most of them belong to tribal communities. The college takes initiatives to promote the culture of embracing diversities on all fronts: curricular, co-curricular and extra-curricular. The prescribed text books of English and Hindi include topics on unity in diversity, which helps in developing an understanding and respect for inclusiveness. The youth festival and sports organized each year gives students chance to interact among themselves and this develops fraternity and tolerance.

The extracurricular activities include celebration of important festivals and birth anniversaries of national leaders. Gandhi Jayanti celebrated on 2 October, Rashtriya Ekta Divas celebrated on 31st October, Vivekanand Jayanti celebrated on 12 January ingrains in the minds of students patriotism, the vision of universality of religion and brotherhood of mankind. The peaceful atmosphere in the college is testimony of the harmony towards all diversities.

| File Description | Documents |
|--|---------------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | View File |
| Any other relevant information | No File Uploaded |

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The onus of grooming students to be responsible citizens rests with the institution.

Curricular contribution - The duties and responsibilities of citizens have been subtly incorporated in the curriculum. The book prescribed for Foundation Course (English) Part I has essays on topics like Individual Freedom, Fundamental Duties, Freedom Struggle, Dandi Salt March and Aspects of the Indian Constitution. The Hindi textbooks too have such topics. All these are directly related to constitutional obligations of citizens.

Co-curricular efforts- N.S.S. and SVEEP programs are regularly conducted in the college. A number of activities like debates, speech, essay writing, rallies etc. on relevant topics were conducted on and off campus to raise awareness about citizenship rights and responsibilities.

Important National Days are celebrated with enthusiasm. Samvidhaan Divas, Rashtriya Ekta Divas, Shaheed Divas are observed with solemnity and commitment. Gandhi Jayanti and Vivekanand Jayanti help foster respect for India and helps inculcate the values of citizenship. On Samvidhan Divas/Constitution Day the teachers and students take an oath of allegiance to the Constitution and the Preamble is read out by the Principal.

| File Description | Documents |
|--|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | http://www.scienceclgambikapur.com/naac.aspx?Title=AQAR%202022%20Criterion%207 |
| Any other relevant information | NA |

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

D. Any 1 of the above

| File Description | Documents |
|--|---------------------------|
| Code of ethics policy document | View File |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims | No File Uploaded |
| Any other relevant information | No File Uploaded |

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Activities like observation of important national days, events and festivals are incorporated in the College schedule. The following are the commemorative days celebrated in the college:

Swami Vivekanand Jayanti/National Youth Day

Republic Day

Basant Panchami

National Science Day

International Women's Day

Shaheed Diwas

World Health Day

World Environment Day

International Day of Yoga

Independence Day

Women's Equality Day

Teacher's Day

NSS Day

International Literacy Day

Gandhi Jayanti

National Unity Day

International Day for the Elimination of Violence against Women

National Constitution Day

World AIDS Day

Human Rights Day

The birth anniversaries of great mathematicians, Indian scientists, literary figures etc. are also celebrated throughout the year by the concerning departments.

| File Description | Documents |
|---|---------------------------|
| Annual report of the celebrations and commemorative events for the last (During the year) | View File |
| Geo tagged photographs of some of the events | View File |
| Any other relevant information | View File |

7.2 - Best Practices

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

(A) 'Science Voyage To Village'

1- Superstition Eradication and Awareness Programme (SEAP).

Eradication of superstition, blind faith and malpractices prevalent in the society is only possible by spreading scientific temper and awareness amongst students and villagers. Since the institute is a science college and to develop scientific rationalism in the learners this practice was decided by the IQAC.

Being a tribal belt with poor literacy superstitious beliefs are rampant in the area. The students gather details about superstitions which are widespread in the area. Group discussions create awareness among students about blind faith that exist in rural areas. Every year the college prepares program for the nearby villages to eradicate superstitions and related practices.

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

1- Environment Sustainability Programme

Rapid climate change due to deforestation is a known fact. The institution being a science college aims to spread environmental awareness among the common man and therefore adopted the environment sustainability program. Every year in July/August the institution distributes saplings among the villagers and students who are willing to adopt/take care of it. The program has been started in the session 2019-20 and has been continued.

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | http://www.scienceclgambikapur.com/naac.aspx?Title=AQAR%202022%20Criterion%207 |
| Any other relevant information | NA |

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The college is in Ambikapur, which is a scheduled area of Ambikapur division. It has been mapped as economically and educationally backward. Majority of the inhabitants belong to tribal communities. Established in 2013 the college has a mission and vision to make scientific knowledge and quality education accessible to students of unprivileged tribal area and preparing them to face global challenges. The college provides programs exclusively in science and has relatively new courses like Biotechnology, Microbiology and Information Technology at UG level in addition to other courses like Botany, Zoology, Chemistry, Mathematics, and Physics. Being a government college the fees is nominal which makes quality education in employment oriented subjects accessible and affordable even for students of economically weaker sections. The admission percentage and the academic record has been consistently appreciable but the institution lacked infrastructure in the form of sufficient number of laboratories for all the courses it offers. the college takes initiatives to maintain the GER by visiting senior secondary schools in the area to create awareness of the programs and courses offered by the college.

| File Description | Documents |
|--|------------------|
| Appropriate web in the Institutional website | No File Uploaded |
| Any other relevant information | No File Uploaded |

7.3.2 - Plan of action for the next academic year

- Organize National Conference on NEP 2020.
- Start Value Added Courses.
- Apply for PG programs in more subjects.

