



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	GOVT. E. RAGHAVENDRA RAO POSTGRADUATE SCIENCE COLLEGE, BILASPUR (C.G.)
• Name of the Head of the institution	Dr S. R. Kamlesh
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	07752246430
• Alternate phone No.	
• Mobile No. (Principal)	9826164533
• Registered e-mail ID (Principal)	gerrscnaac20@gmail.com
• Address	Seepat Road
• City/Town	Bilaspur
• State/UT	Chhattisgarh
• Pin Code	495006
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	30/10/1987
• Type of Institution	Co-education
• Location	Urban

• Financial Status	UGC 2f and 12(B)				
• Name of the IQAC Co-ordinator/Director	Neeta Gupta				
• Phone No.	07752416670				
• Mobile No:	9826229287				
• IQAC e-mail ID	iqacsciencecollegebilaspur@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	http://www.sciencecollegebilaspur.ac.in/file/naac/AQAR%202019-20.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.sciencecollegebilaspur.ac.in/file/calender/ERR%20AC%202020-21.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 3	B+	2.68	2021	29/11/2021	30/11/2026
Cycle 2	A	3.02	2015	30/04/2015	30/04/2020
Cycle 1	B+	2.67	2005	21/09/2005	20/09/2010
6.Date of Establishment of IQAC			11/12/2012		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
NIL	NIL	NIL	Nil	0	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				

9.No. of IQAC meetings held during the year	01	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Did IQAC receive funding from any 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. Preparation and submission of SSR 2. Preparation for NAAC Accreditation 3. Renovation of Auditorium & Campus 4. Establishment of online lecture facility		
12.Plan of action chalked out by IQAC at 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. Preparation and submission of SSR 2. Renovation of Auditorium 3. online lecture capturing facility	1. SSR Prepared and submitted 2. Renovation of Auditorium completed 3. online lecture capturing facility established	
13.Was the AQAR placed before the statutory body?	Yes	
<ul style="list-style-type: none"> Name of the statutory body 		
Name of the statutory body	Date of meeting(s)	
Academic Council	11/01/2022	
14.Was the institutional data submitted to AISHE ?	Yes	

- Year

Year	Date of Submission
2020	30/01/2022

15. Multidisciplinary / interdisciplinary

.The Institution is going to implement NEP-20 as per the direction of Govt. of Chhattisgarh from session 2022-23.

. The scheme of the program is designed in such a way that the students will have choice to study any course of their choice.

. Students from science background can opt for arts courses and students from arts background can opt for courses in science.

. The Institution is going to offer 10 generic elective courses in both 4th and 5th semester in all discipline to all students and skill enhancement VAC and general VAC in all semester under open choice scheme.

. Our institution is having only Science stream. The Institution has sent the proposal to government to start courses in arts and commerce.

16. Academic bank of credits (ABC):

The institution is planning to incorporated itself in the academic bank of credit platform of government of Chhattisgarh, which may be launched in this academic session, since the institution is a govt. institution , the rules and regulations for academic bank of credit will be followed as per the norms of govt. of Chhattisgarh.

17. Skill development:

NEP 2020 is a vital step towards restructuring the educational ecosystem with the aim of meeting the rapidly changing needs of the employers. The NEP has its vision to empower the youth through the set of vocational, employable and entrepreneurial skills provided to them at different stages of training and education.

Our institution has given emphasis on skill development of the student in the proposed scheme of UG program. In our frame work of scheme we have planned to provide students the course on NCC and NSS of 02 credits from first to sixth semester. We are also giving

them options to opt value added courses in 1st and 2nd semester. One course will also be included on local Chhattisgarhi language and culture. In 3rd and 4th semester there will be choice for students to opt skill based value added courses one each in 3rd and 4th semester. These courses will be of 02 credits. All these courses provided by the institution will have the aim to inculcate positivity amongst the learner that will include the development of humanistic and ethical values , scientific temper and life skills.

In sixth semester there is compulsory to opt one of the skill enhancement course of 05 credits. These include "Gardening & Floriculture" "Basic Analytical Chemistry" , " Web Designing", "Writing and communication Skills in Hindi" , " Basic Field Training and Geological Mapping" , " Basic Instrumentation Skill", "Mushroom Cultivation", " Production of Biofertilizer & Bio-Pesticides", "Computer Networking & Cyber Security", " Bio-Instrumentation". For these courses along with faculty members the services of industry veterans and master crafts persons will be taken.

Good Practice- Govt. E. Raghavendra Rao PG Sc. College is running Skill Enhancement Courses since 2017-18. It is compulsory for student to opt one of the skill enhancement course since then. The courses were modified according to need and demand of the students . New courses were also included. In future this trend will continue. There will always be efforts to make the courses more relevant and need based.

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

Govt. E. Raghavendra Rao P.G. Science College is a govt. institution situated in rural area of the state of Chhattisgarh. The Institution provide choice to the candidate to give examination in any language of their choice Hindi or English. The delivery of course is done bilingually. All 11 UG courses (B.Sc. Bio , B.Sc. Maths & B.C.A.) are taught in both Hindi and English.

The institution promotes the preservation of Indian traditional knowledge by various efforts like organizing talk, cultural program in vernacular language.

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

The institution has taken initiatives to transform its curriculum towards outcome based education. The Institution's ultimate aim lies in enhancing the quality of higher education and encouraging the students to gain the best skills & knowledge during their student

journey. Learning outcomes are determined in sync with what students are expected to understand at the end of their study program.

The final expected student learning outcomes are considered as a reference to design the teaching-learning curriculum and graduate attributes.. Our faculties has designed the curriculum with following intents:-

- Improve flexibility of learning
- Teaching-learning innovation
- Continuous teaching-learning improvements
- Assessment of students at various levels
- Periodic review of student performance
- Evaluating program learning outcomes (POs)
- Evaluating course learning outcomes (COs)
- Maintain highest standards of education
- Create an environment of global competitiveness

For designing Outcome Based Curriculum Framework- The faculty set specific outcomes, design content & plan the content delivery & assessment strategies. The curriculum designed will be discussed with the BOS and required modifications will be done. Then finally it will be discussed in academic council meeting before its implementation.

Teaching -Learning Practices:- The faculty can use various ways of delivering the content that could include the following -

- Traditional chalkboard method
- Online teaching & learning
- Video lectures or webinars
- Industrial projects
- Seminars & workshops
- Online assignments
- Field visits

Assessment & Question Paper Setting

The two modes of assessments will be incorporated are: Direct & Indirect

A) Direct Assessment Method-Direct Assessment can be again categorized as-Course Internal Evaluation and Semester End Examination .The weightage of Semester End Examination ranges 70% and the weightage of Course Internal Examination is 30%.

The course internal evaluation is analysed based on the following parameters-

- Internal Examination Marks
- Laboratory/Practical Work
- Assignments
- Minor/Major Projects
- Seminars/Webinars

B) Indirect Assessment Method

- Indirect assessment & evaluation will be analysed on the basis of the Course Exit Survey. Setting question papers is equally important as defining the ways of assessment. The question papers need to be created on the framework of Bloom's Taxonomy.

1: Remember 2: Understand3: Application4: Analysis5: Evaluate6: Create

Examination cell of the college will make sure that all the rubrics will be included in setting question papers

C) Attainment Phase

The attainment phase is the final phase wherein the faculty needs to precisely evaluate whether the outcomes are attained or not. The faculty needs to identify the learning gaps by analyzing the students' performance. If the student performance doesn't meet the expectations, the faculty needs to incorporate new techniques that would help them fulfil the goals. CO PO corelation should be defined.

20.Distance education/online education:

The institution is a government institution as of now there are no framework or regulation are in place to offer vocational courses through ODL mode , however the institution is looking at all the possibilities to start any such course with the permission of the state government.

Extended Profile

1.Programme

1.1

24

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 2056

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 699

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 2025

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 320

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 27

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1	24
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1	2056
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	699
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	2025
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1	320
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	27
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	33
Number of sanctioned posts for the year:	
4.Institution	
4.1	581
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	24
Total number of Classrooms and Seminar halls	
4.3	161
Total number of computers on campus for academic purposes	
4.4	161.95
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum of all the subjects have been developed and designed by the Board of studies of the Departments concerned and approved by the academic council and then Governing Body of the college after thorough discussion. The curriculum has been designed to achieve academic excellence and to fulfil the need of the society. The developed curriculum is designed to not just give the academic knowledge but also to provide social & ethical value,

skill development and overall personality development of the student. The curriculum has been developed to impart good communication skill, to be able to use information and communication tools, to develop scientific temperament in the students which can meet the demand of today's society. Through various courses students are being made equipped with the scientific knowledge in the various stream of science. The programmes in Computer science, Computer application and IT have been started to meet the demand of students having knowledge of computer. Not just the professional programmes but also others programmes imbibe students with scientific temperament to solve some real problem of the society. The curriculum of PG program is designed to develop scientific temperament and encourage them to do research in the respective field.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

0

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

98

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

00

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The college incorporates various courses of professional ethics,

moral value and environmental studies in its curriculum. Courses of professional ethics have been made part of the curriculum in both Undergraduate, Post graduate and PhD programs. Bioethics and related topics have been incorporated in the Curriculum of B.Sc. Bio.. In the courses related to Bioethics students are taught about the ethics in handling of microorganism, ethics in biological research, ethics related to use of genetically modified organism and its product. Similar courses have been incorporated in B.Sc. Math in which students are learning to use the ICT tools judiciously and in the favour of human being. To cope up with the growing concern of misuse of ICT, Courses like cybercrime and cyber-security have been incorporated in the curriculum and is being offered as open choice subject to all sixth semester students. To raise awareness and make ready future citizens of the country for the growing concern of environmental challenges the college have incorporated many courses of environmental studies in different program. All the undergraduate students have to compulsory study the Environmental science and human right course in first year. Moreover in B.Sc. Biology group environment and ecology related courses have widely been acknowledged.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	No File Uploaded
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

0

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

00

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

704

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni B. Any 3 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	http://www.sciencecollegebilaspur.ac.in/file/igac/feedback_analysis_2020-21.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	http://www.sciencecollegebilaspur.ac.in/file/igac/Action%20taken%20report_2020-21.pdf
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1030

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

581

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

To provide equitable knowledge to all students the college continuously assess the learning level of students and cater their requirement by assisting them. The assessment of students is done by internal examination, Class seminar, Viva Voce and at the semester end examination. On the basis of the performance of a student in these assessment methods, students are categorized as advance and slow learner. For all programs internal assessment is done by two internal examination and one assignment given by the teacher in-charge of the course. For Postgraduate program students are assessed additionally through seminar and group discussion along with the teacher in-charge. Advance and slow learners are categorized by their performance in examination, their knowledge of the subject, understanding of important concept and articulation abilities. To overcome the problem student friendly methods of teaching is promoted in the college.. After class discussion on the topic is also encouraged to make students well

versed with the topic. Use of ICT tool is also of great help to boost the learning of slow learner. Use of smart board based teaching, animation of difficult topic, video lecture in national platforms help slow learners to be at par with the other advance learner students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/01/2021	2058	33

File Description	Documents
Upload any additional information	No File Uploaded

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:

College is committed to provide quality education in student friendly measure for which many methodologies are adopted by the college. College consider students as their important stakeholder. The main focus on planning, delivery of curriculum and assessment is done by making these to be student centric. Various efforts are made to make learning more students centric by focusing on specific learning outcomes for all courses and making it more participatory and interactive. Activity based learning, Field training, experimental learning, ICT based learning, are adopted by the college for teaching. Students are taught to develop critical thinking on the subject. By use of illustration and special lecture teaching and learning are made more effective. Some of the departments send their students to nearby industries/ manufacturing companies for experimental learning and to understand various problem solving methodologies comes in the path of development. By such visits, they receive practical and direct experience of negotiating difficult situations, and are trained as capable, competent and accomplished individuals. There are

provision of field work and project in some programs to give real time exposure of research to students. Students are taken for field visit and industrial visit to acquire knowledge on current practices.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Faculties are using user friendly ICT Tools like Desktop and laptops, LCD Projector, Printer, Photocopier, tablets, Touch screen Pen, I pads, Scanners, Microphones, interactive white board, DVDs and CDs, Flash disks etc. Every department has its own LCD projector and desk tops. The library is also equipped with SOUL software version 2.0. The teaching process comprises of: Class Room Learning, Power Point Presentation, Assignments, Seminars, Web based resources, Guest lectures and Visit to different laboratories.

Learning is made more student-centric by encouraging them to prepare a detailed note/ report on their seminar/ project topics and discuss their seminar topics/ project reports through power point presentation under the supervision of faculty members. Besides, workshops, group discussions, field study, participation in quiz, Poster and Model Presentation, participation in extension activities, etc are also included in the academic practices. As the students are predominantly from Hindi medium schools, the English Language Lab of the college helps to build and enhance the communication/writing skills of the students and also helps them to understand difficult concepts of science subjects.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	Nil
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

27

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	No File Uploaded
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The college adheres to academic calendar provided by the Department of Higher education, Chhattisgarh Government every year and the activities of college are framed accordingly. All the academic events are completed more or less within the time limits. Teaching commences after completion of the admission. The institute also frame its own calendar in which time bound schedule for each academic and examination related programs are mentioned.

At start of every session designed, amended by the experts according to the subject need, and are passed by the Board of studies of each department then recommended by the Academic council for implementation and finally accepted by Governing Body. Autonomous cell provides the dates of commencement and completion of syllabus, schedules of internal exams, practical exams, final semester exams, etc. All efforts are taken by the examination cell, faculty members to finish the tasks within specified dates. Tentative dates of practical exams and viva-voce and theory examinations are also given in academic calendar. The faculty members are issued daily diaries so that teaching is completed well within the actual working days as per mentioned in the academic calendar.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	No File Uploaded

2.4 - Teacher Profile and Quality

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

27

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

19

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

672

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

40

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The outline of examination system is given below. 1.Notification of Examination committee (subject-wise), Result committee and UFM committee. 2.Declaration of dates of internal tests and seminars/assignments. 3.Acquiring the panel of examiners from departments for paper setting and practical exams. 4.Declaration of dates (Exam time-table) of semester examinations. 5.Appointing the paper setter and practical examiner by the principal by selecting one name from the panel. 6.Assigning the paper setting. 7.Receiving the manuscript and moderating if necessary. 8.Sending the manuscript to the printer and receiving it back. 9.Appointing the examination superintendent and other officials. 10.Smooth conduction of examination. 11.Receiving of foil/counterfoils of from examiners/departments (for internal/assignments/seminars). Page 36/90 07-04-2021 11:59:12 Self Study Report of GOVT. E. RAGHAVENDRA RAO POSTGRADUATE SCIENCE COLLEGE, BILASPUR (C.G.) 12.Preparation of results. 13.Approval of result by result committee. 14.Preparation of Mark-sheets. 15.Sending the TR and Mark-sheets for counter sign to Bilaspur University. 16.Declaration of result. 17.Distribution of mark-sheets

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The College has clearly stated learning outcomes of the Programs and Courses. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students. Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students. Learning Outcomes of the Programs and Courses are displayed on the notice boards outside each department and examination cell. Soft Copy of Curriculum and Learning Outcomes of Programs and Courses are also uploaded to the Institution website for reference. The importance of the learning outcomes has been communicated to the teachers in every IQAC Meeting and College Committee Meeting. The students are also made aware of the same through induction program. The course outcomes help the stakeholders to manage the resources effectively to the maximum extent. This creates path to improve the processes continually.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	No File Uploaded
Upload any additional information	No File Uploaded
Link for additional Information	https://sciencecollegebilaspur.ac.in/file/naac/criteria2/2.6.1.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The attainment of program outcomes and courses outcomes are evaluated by the institution through direct and indirect methods like checking and monitoring their performances in the internal examinations, semester end examinations and by their extra curricular activities. Direct methods are provided through direct examinations or observations of student knowledge or skills

against measurable course outcomes. Through result analysis the knowledge and skill that students acquire in their subject and also their capacity for critical thinking is observed. Attainment of these outcomes is excellent, with pass percentage ranging between 89% to 95% in the past 5 years approximately. Dropout rate is very low. In postgraduate programmes average pass percentage is 99%. Majority students pass in first class (60%) and many with distinction (75%) in post graduate programmes. Indirect assessment strategies are implemented by getting feedback forms from each student especially from exiting students and alumni. Program outcomes are assessed with above mentioned data are analysed by department concerned and IQAC of the college. The outcomes of the analysis are used as the helping hands for examination reforms and for further modifications required in the syllabus

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

699

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

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.sciencecollegebilaspur.ac.in/file/iqac/feedback_analyses_2020-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

To promote research activity the institution desires to build state of the art facilities, promotes research publications, develops collaborations and becomes part of active community that shares the mission objectives. The Institution have well established research facility in its six Research Centres recognised by the Atal Bihari Bajpayee Vishwavidyalaya, Bilaspur. The facility for research is constantly reviewed by the research committee dedicated for the Promotion of research in the institution with the help of the Head of Department concerned. Each research centre have instruments and facilities to carry out research in the area specified by the Teaching faculties of the department. One third of our faculty members are recognised as research supervisors by the Atal Bihari Bajpayee University. The input obtained from them plays very important role for up gradation of research facility.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	Nil
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

12

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

We offer adequate research infrastructure or provide the ecosystem needed to make ground breaking discoveries to young scholar. All the postgraduate students are trained by working on some projects to introduce them to research methodology and to the psychology of research work. To spark and nurture imagination and creativity and to enable the process of innovation it requires providing the best

possible research enabled faculty and also empowering them with infrastructural networking and other support.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

1

File Description	Documents
Report of the events	No File Uploaded
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

01

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

3

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

0

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

0

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	No File Uploaded
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

True to the lofty ideals of the National Service Scheme movement, our institute actively involve undergraduate students in voluntary social service activities for the socio-economic development of the area surrounding our institution as well as the nation at large. Through our innovatively designed NSS program, we provide opportunities to students to empathetically understand and appreciate the problems of the communities, awaken social consciousness and inculcate in them a sense of dignity of labor and fellow feeling. Today, we are strongly connected to our immediate society as well as the nation through an emotional and moral bonding by virtue of the passion and dedication with which our students carry out the various social service initiatives. Our NSS and NCC units seeks to underline that the welfare of an individual is ultimately dependent on the welfare of the society as a whole that is demonstrated through our regular NSS and NCC activities. Our NSS unit plans and implements Programmes to inculcate thoughts in the minds of students oriented towards achieving social welfare and provide selfless service to the society without any prejudice and expectation for reward. Our regular social service activities include cleanliness drives, environmental protection, healthcare support and educational support.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

0

File Description	Documents
Number of awards for extension activities in during the year	No File Uploaded
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

09

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

453

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

00

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

1

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

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 equipments, etc.

This college has a campus of 30.6 acre area. The college has a large infrastructure divided in four blocks with adequate number of class rooms, laboratories, offices and hostel. The college has provided Internet facility with Wi-Fi, separate department rooms and laboratories with adequate facilities to all the departments. Ramps have been constructed for differently able students. The college has a Auditorium having capacity of 500 students and a Conference Hall for meeting and other activities. The library is well equipped with internet facility and INFLIBNET. The college caters to the needs of its male students by providing hostel facility

A large building surrounded with a lush green campus gives it a pride to be one in the town. n. Each classroom has a sufficient capacity and furniture. The laboratories for each subject are well equipped with all necessary equipments and furniture. The computer lab is also a well furnished with 50 computer machines with latest

operating systems. In addition to classrooms equipped with traditional chalk and board arrangement, there are 07 smart classrooms. Every department has LCD projector for teaching purpose.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

For encouraging students towards cultural activities, the institute organizes many competitions like dance (group and solo), song (group and solo), drama, street play, writing, debate, rangoli, flower decoration, poster making, painting etc every year at the time of social gatherings/ annual festival and the winners are felicitated in the annual function prize distribution function. Also, the students are motivated to participate in cultural events organized during traffic week, women empowerment, Rajya Utsav, etc for which they are given monetary facilities. This college has a campus of 30.6 acre area of which approximately 19.0 acre is used to build large playgrounds with provision for multiple games, such as Athletics, Cricket, Football, Hockey, Volleyball, Tennis and kho-kho. The institution also provides recreational facilities like well equipped gym in which Bench-press, Jogger machine runner and with twitter, Leg-press, Biceps equipment, Triceps equipment, pull with push-up machine, Cycling, West vibrator, Dumbbells, Pull Sit-up equipment and many more machines are available. Also there is a place for indoor games like chess, Carom, Table-Tennis. The institution has a facility for students get benefited through Yoga. For yoga there is an open place inside the main building. Every year Yoga Day is celebrated on 21st of June.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

19

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

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

19.06

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Library automation refers to the use of computers to keep track of all the books that are issued, returned and added in the library. It gives the information consist of book number authors name rach detail, book title and much more. It provides the serch function which helps the students in searching of any book in library. Soul 2.0 it's an state of the art integrated library management software design and developed by the INFLIBNET center. It is a user friendly software develop to work under client server

environment the software is compliant to international standards for Bibliographic formats networking and circulation protocols.

Central library is under automation process in since 2015. Currently 5000 books are recorded and further data entry is under process. The library is partially automated by using soul 2.0 ILM software. After the completion of DATA entry Bar coding of books and users will be started. After completion of bar-coding automated circulation will be started. The automation will help smooth circulation of books and to keep record of books issued and percentage usage of library by Students and faculty members. Using the Library management software (LMS). Librarian can check the status of book any time.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: A. Any 4 or more of the above
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

0.30363

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

0

File Description	Documents
Upload details of library usage by teachers and students	No File Uploaded
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Institution has well functional internet facility with speed of 10Mbps. BSNL is service provider for internet based on OFC system under NMECT scheme. Entire college premises covered with internet connectivity through LAN and Wi-Fi terminals. The institution provides free wi-fi facility to the students by providing the required password. They can access internet freely through their mobile phone, tablet or laptop in the college campus. Wi-Fi connection is password protected so that only authorized person can access internet facility. Institution has plan to install firewalls for cyber security and will keep the record of Wi-Fi users. For this purpose institution is ready to allocate budget as per requirements. Each department and class rooms are equipped with LAN connectivity so that internet can access easily at anytime from anywhere within the college premises. Power backup system is also available for uninterrupted power supply so that one can access internet smoothly. Faculties are using user friendly ICT Tools like Desktop and laptops, LCD Projector, Printer, Photocopier, tablets, Touch screen Pen, I pads, Scanners, Microphones, interactive white board, DVDs and CDs, Flash disks etc. Every department has its own LCD projector and desk tops. There are 07 smart class rooms which are looked after by the

efficient faculty of Computer science department, Information technology department.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2056	153

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

41.94

File Description	Documents
Audited statements of accounts	No File Uploaded
Upload any additional information	View File

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

The institution constitutes specific committees comprises of faculty members and office staff which looks after the regular maintenance of college premises regularly with the help of the PWD department of the state government. Similarly for the maintenance of furniture a separate committee is formed each year. Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping and maintenance of lawns is done by Institution concern Employees. College campus maintenance is monitored through regular inspection. The institution runs postgraduate courses in 6 major subjects. There are separate labs for undergraduate and postgraduate classes. They are cleaned by the peons and maintained by lab technicians under the vigilant supervisions of the concerned teachers. Any fault if occurs in the instruments are being repaired by service engineers. Some teachers catch the basic faults and rectify by their own. Postgraduate students are involved in maintenance of labs/ chemicals. At the end of each session the stock is maintained and verified by the committees made by Principal. These committees are intra-departmental so as to make the verification process more transparent and effective. There is lab attendant and a lab technician in every department, who maintains the stock register by physically verifying the items round the year. The book lifter arranges the books in the library, issues to the students, maintains records for issue and looks after the comfortable seating arrangements for the students under the supervision of librarian.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1098

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology **A. All of the above**

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

0

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

140

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

0

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institution is committed to provide student friendly amenities to its students. In order to do that students are made member of the various committees of the college. Students are members of committees like IQAC, Consolidated fund and Campus development, infrastructure maintenance etc. The constitution of student's council is made as per the notification of the state government, in the direction of affiliating university. The institution forms a committee of faculty members for the election/selection of the members of the student council which as per the direction and rules of the state government and affiliating university completes the task of forming the student council

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

0

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The institution have functional alumni association consisting of passed out students who are working in different areas of the society. Alumni association is not registered yet. The Registration is under process with the registrar of the society. Alumni association meets at least twice a year. The president and the secretary are elected by the members of the Alumni committee among themselves. In the institution a committee is formed to look after the alumni affair. The alumni of the college are the assets who guide the students and help in infrastructure development. The alumni of the institutes contributes in the form of registration fee and also contributes by donation to the institution. The alumni association have significant role in development of Garden in the college. The garden in the front was developed by the funds generated through Alumni.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year E. <2 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

The vision of the institution that "The science of today provides the seeds of technology for tomorrow" this inspirational vision of the college is to improve the quality of higher education in science, serving the social needs, uplift the academic standards of the regional youths fostering an enduring sense of discipline and single minded dedication to work. Our Mission is to provide quality and value based education in the field of science to the interested, first generation students and backward classes of the society. By promoting the college into an institution of excellence that has to serve the regional youth by providing them

easy access to higher education and job opportunities. The Vision and Mission statement is reflected through the prospectus, website, through display boards at prominent and accessible places in the college premises. To give a practical shape to our vision, mission and collateral objectives, this college has a structured governance and leadership mechanism in place. This mechanism takes decisions which are in consistence with the realization of the goals of our stated vision and mission. The governance of the institution is reflective of an effective leadership in tune with the vision of the institution.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

To achieve academic goal, organizational progression and for overall development of the institution the College follows decentralise and participative way of functioning. Various academic and administrative decision are taken by the committee specially form for the purpose. Functioning of the Examination cell is the best example of participative and decentralize management in the institution. The examination cell comprises of the Principal as the chief controller of examination, Controller of examination, a deputy controller and two assistant controller who are responsible for day to day business of the cell. The cell function as per the rules and regulation of the UGC and the affiliating university.

Decision about the types of courses (Choice based, Honours course etc.) to run and the system of education (Annual or semester) is taken by the Governing Body by the recommendation of Academic Council and Staff Council. Examination reforms as needed time to time is also decide by the committee comprises for it. The reforms are than discussed in academic council and put to governing body for approval. Syllabus of the courses are Created, Amended and revised by the BOS, which is than approved by the academic council.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Keeping in view the mission and vision of the institution perspective/strategic plan is prepared and all faculty members oriented them to achieve the goals. The institution wants students to orient themselves for research and development in close proximity with the need of the society. In tune with the vision, mission and perspective planning skill based course was started in the institution. In order to prepare students for real world and to boost their confidence, skill and communication the institution decided to introduce skill based courses for all undergraduate students in the session 2016-17. The idea of starting the skill based course came from the IQAC cell which was then taken over by the autonomous extension cell. The autonomous extension cell along with the Head of departments formulated the strategy to apply the skill based course in UG classes in last semester. It was decided that in last semester of all UG program Choice based course will be offered under open choice courses.

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

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

Govt. E Raghavendra Rao Postgraduate Science College is a Government institution and function under the administrative supervision of the Department of Higher Education Govt. of

Chhattisgarh. Various academic, administrative and financial decisions in the institution are taken as per the guideline and procedure of the Government for the purpose. Appointment rules and regulation are made by the Government of Chhattisgarh. Service rules and conditions are also made by the government. Though the staffs are recruited by the government the deployment of the teaching and non teaching staff is done by the Principal on the basis of equal share of work and skill in consultation with senior faculty members. principal decides the ,convener and member of the various committees to take care of different activities of the institution. To take care of different aspects and activities, there are different committees and bodies such as Games Committee, Admission Committees, Examination Committee, Career Counseling and Placement Cell, Research Committee, Anti- Ragging Committee, Purchase Committee, Student Union Committee, and various other minor Committees. All the committees work as per either the statutory guideline for the committee or in the best interest of the student in consultation with Principal.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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

B. Any three of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	No File Uploaded
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	No File Uploaded
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

avenues for their career development/ progression

Being a government college, all welfare schemes i.e. GPF, Group Insurance Scheme (GIS), loan facilities, motorcycle/car loan advance, festival advance, health insurance, house building loan, reimbursement of medical expenses, short term loans, AnukampaNiyuktietc are available for teaching and nonteaching staff. Travel grant, fellowship for pursuing research degree and research grants from UGC are etc. are provided to the teachers.. As the College is Government institution, only government welfare schemes are applicable for the teaching and non-teaching staff of the institution. The State Government has framed many acts/rules & regulation for effective welfare measures for their employees and amended/updated existing provisions time to time on demand or as per requirement. All the employees of state Government are covered under Chhattisgarh Civil Services rules

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

0

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

34

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal Audit: The internal financial accounting is done every month and is completed before 10th of every month considering all the previous month transactions. After completion of the monthly accounts the same accounts are audited by the internal auditors from departmental staff appointed by the Principal. The principal assigns a group of professors of the college variously to audit the accounts, stock and store of all departments, sections and library every year. If any mistake/ short coming are identified/ noticed the same are rectified in the same month by the concerned departments/officers.

External Audits:

The financial transactions of the College are of several types. The External Audit is undertaken by AG and Govt. of Chhattisgarh auditors. Some times Chartered Accountants are also engaged to audit the accounts of the college, especially the accounts of grants provided by UGC/CG/COST/Self financing/Autonomy. If any objection is raised by the auditor, they are rectified then and

there. Those which cannot be corrected immediately are rectified later.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Optimal utilization of funds in Govt. E. Raghavendra Rao PG. Science College is ensured through the following procedure: The establishment expenditure of the college including salary and other expenditure is meted out by the Department of Higher Education, Government of Chhattisgarh for which an estimated budget is sent to the department. Draft budget is prepared every year taking consideration of the requirements of each department. Adequate funds are allocated for effective teaching-learning practices budgetary provisions are made use of for administrative and academic activities. The budget is utilized to meet day-to-day operational and administrative expenses and maintenance of the fixed assets. The grants received from the external funding agencies like UGC, are effectively utilized by procuring the suitable equipments for laboratories of the institute. Enrichment of the laboratories with good equipments has further improved the research interest of the faculty and students. Janbhagidari Samiti's fund are utilized for the benefits of the students and college welfare. The grants are allocated to all the departments as per their demands. Purchase Rules of the State Government are followed

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The college has recently been accredited in November 2021 and graded B+ with 2.68 grade point. After accreditation we have taken several steps for the improvement of grading of the institution. Few of the steps are listed below-

1. Starting of value added courses
2. automation of library
3. Improvement in research infra structure.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

To review the teaching, learning process and its outcome internal academic audit and External academic audit is regularly done in the college by the IQAC and the committee specially formed for the purpose. 1. Internal and External Academic Audit: In order to assess the teaching learning outcome and academic performance of the institution academic audit is performed. To assess the functioning and efforts of the teacher some criteria's are designed on the basis of which the audit is performed. Internal audit is performed department wise. By employing the semester wise suggestion and recommendation by internal audit steps to improve the teaching and

learning experience are taken by the departments at department level.1.Feedback collection, Analysis, Action Taken: The institution forms a committee to collect feedback from all the stakeholders including students, teachers, parents and alumni. To collect feedback various criteria are decided by the IQAC and committee comprises for it. The feedback report from students are collected by the committee and analyzed by the senior faculty members and IQAC. The student feedback report contains criteria related to teaching, learning, extracurricular activity, and about the facilities provided by the institution to the students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

B. Any 3 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

Safety and Security: For the safety and security of the Girls students and women faculties and employee a specific committee to women related grievances is functional in the college with 3 full time women faculties as member of the committee along with one technical staff. In pursuance of the guideline by honourable supreme court an internal complaint committee has also been formed which is mandated to look complaints relating girls students and women faculties and employees. The committee organizes the various programs concern with the general problem of the Girl students.. To add up to the security of the faculties and students CCTV have been installed in the campus for round the clock surveillance. Girls students are sensitised and make aware about women related issues by our faculty and staff time to time. **Counselling:** For emotional social academic and cognitive development of girl students special counselling sessions are taken by the women faculties of the college. For gender related issues special programs are organized with Bilaspur Police and women organizations. For menstrual hygiene specific programs like cycle rally, talk are organised not just for students but also for nearby community.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid Waste Management Garbage bins are placed in all over campus at some distance and in all class rooms and laboratories. The waste from the bin is collected by the staff of the college and

segregate them on the basis of their nature. The biodegradable waste and dry plant materials are after segregation put into a compost pit to convert it into an organic compost. Other non-degradable waste are handed over to the municipal corporation of Bilaspur for proper disposal. Desk, table, laboratory equipment related waste materials are disposed by the method prescribed by the govt. of Chhattisgarh. **Liquid Waste Management:** Liquid waste generated in the college is collected through a proper piped drainage system and discharged into municipal pipeline. Liquid waste generated in the college gets indirectly treated by the municipal corporation. Liquid waste generated in the chemistry and laboratories using chemicals are collected before discharging into the municipal drainage. Chemicals which can be further used to clean the floor of the campus is used for the cleaning before discharging into municipal drainage. Waste generated in Bio labs are decontaminated by autoclaving before discharging into drainage.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	No File Uploaded
Any other relevant information	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 **B. Any 3 of the above**

File Description	Documents
Geotagged 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: **B. Any 3 of the above**

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

File Description	Documents
Geotagged 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 undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

B. Any 3 of the above

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

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres

B. Any 3 of the above

Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

These functions help in developing tolerance harmony towards culture, region and linguistics and also communal social economics and other diversities. Two important national festivals, Republic Day and Independent Day are celebrated every year in this college. Different sports and cultural activities organized inside the college to promote harmony towards each other. Commemorative days like Teacher's day (5th September), Women's day (8th March), Yoga day (21st June), AIIDS (1st December), Voter's day (25th January along with many regional cultural activities like Panthi, Karama, Gendi dances are also performed during social gathering program. There are different grievance redressal cells in the institute like Student grievance redressal cell, Women grievance cell which deal with grievances without considering anyone's racial or cultural background. Institute has code of conducts for students and a separate code of conducts for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded

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

The programme initiates with preamble reading of the constitution in order to generate responsibility towards the constitutional values, rights, duties and responsibilities of citizens. Students are encouraged to participate in activities like essay competition on the related themes. This college is bound to encourage the students and staff towards the social responsibilities and to create awareness about their duties for the society as well as the nation by celebrating Independence Day, Republic Day, National Unity Day, Voters day, Gandhi Jayanti, NCC Day, NSS Day and National Youth day every year. We also celebrated Kargil Vijay Diwas to realize that how a national integrity helps in defeating the actual and potential threats for unity, integrity and security of the nation. To establish the ideals to respect national symbol, national anthem, national song given in the part 4 students and employs are encouraged. By celebrating Gandhi Jayanti in the form of cleanliness drive work in the near about area and village, the Gandhian ideals given in part 4 are promoted. National unity, integrity and feelings of brotherhood are cherished values of Indian society which is promoted by celebration of National unity day and by various programs organized by NCC and NSS.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 C. Any 2 of the above

organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

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 programmes, 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

National Festivals: These festivals are celebrated throughout the year. To mention a few events Independence & Republic Day Celebration: I Youth Week Celebration: Yuva Saptah is organised to commemorate the birth of Swami Vivekanand in which programs are organised to enlighten the students about the teaching of Swami Vivekanand among students. Basant Panchami (Sarswati Puja): Festival is organised by the Hostel students each year. Hostel is decorated and Puja is performed followed by Breakfast of teaching staff with students. National Yoga Day: Each year national yoga day is celebrated on 21st June on the occasion of international Yoga Day. National Voters day :Voter day is celebrated with the help of the district administration each year on 25th January. NSS Day: NSS day is Celebrated on 24th June each year. Cultural programs are organised by NSS student in the occasion. NCC Day : NCC day is celebrated along with the NCC Battalian. Kargil Vijay Diwas: To Remember the Heroes of 1999 Kargil war. Kargil Vijay Diwas Is celebrated each year. Constitution Day : constitution day is celebrated and sanvidhan sapath is taken each year on 26th November. National Vigilance Week: Vigilance Week is organised with SECL each year.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Title of the Practice: Choice based Skill Based Courses under open choice

Objective: To meet the demand of skilled professional and to make student self-employable, skill based courses were introduced in the college from session 2016-17 at graduation level and made a provision of Choice based courses under open choice for all final semester students.

The context: After successfully introducing and running the honours courses and choice based course system, the institute has again made a milestone by introducing Skill based course at undergraduate level as an open choice system.

Practice: The students are provided all the necessary information about all the courses through common Induction program. A student has been given complete freedom to opt any one course of his/her choice. The admissions are given as per the merit and preference of choice given by the student.

Evidence of success -Their true choice encourages them to work with enthusiasm which has been proven by their 100% performance in examination. Students belonging to mathematics and computer science courses are interested for skill based courses of biological sciences, similarly students of biological science are interested for computer science / physical science related courses.

File Description	Documents
Best practices in the Institutional website	http://www.sciencecollegebilaspur.ac.in/skillscourse.html
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Innovative course pattern and evaluation system: Semester system with Choice based courses & Honours courses and Continuous assessment. The College has set its vision to commensurate with the time and taking into account the challenges in the age of globalization with skill & knowledge in the society. It becomes an urgent need of academic reforms towards holistic approach in higher education and in this regard the prime requisite of education is to introduce the Semester pattern education with Choice Based Credit System (CBCS) and Continuous Assessment and Grading Pattern (CAGP). The UGC, NACC and other academic organizations have advocated CBCS & CAGP for higher education and a number of universities and colleges in the country have already adopted such pattern. In this regard this college extends its all efforts to implement the semester system with CBCS and CAGP. However, considering the academic environment and status of local region as well as in this state, the college has introduced semester system with choice based course (generic choice), honours courses (discipline choice) and skill based courses (open choice) from the session of 2014-15, 2015-16 and 2016-17 respectively.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum of all the subjects have been developed and designed by the Board of studies of the Departments concerned and approved by the academic council and then Governing Body of the college after thorough discussion. The curriculum has been designed to achieve academic excellence and to fulfil the need of the society. The developed curriculum is designed to not just give the academic knowledge but also to provide social & ethical value, skill development and overall personality development of the student. The curriculum has been developed to impart good communication skill, to be able to use information and communication tools, to develop scientific temperament in the students which can meet the demand of today's society. Through various courses students are being made equipped with the scientific knowledge in the various stream of science. The programmes in Computer science, Computer application and IT have been started to meet the demand of students having knowledge of computer. Not just the professional programmes but also others programmes imbibe students with scientific temperament to solve some real problem of the society. The curriculum of PG program is designed to develop scientific temperament and encourage them to do research in the respective field.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

0

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

98

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

00

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The college incorporates various courses of professional ethics, moral value and environmental studies in its curriculum. Courses of professional ethics have been made part of the curriculum in both Undergraduate, Post graduate and PhD programs. Bioethics and related topics have been incorporated in the Curriculum of B.Sc. Bio.. In the courses related to Bioethics students are taught about the ethics in handling of microorganism, ethics in biological research, ethics related to use of genetically modified organism and its product. Similar courses have been incorporated in B.Sc. Math in which students are learning to use the ICT tools judiciously and in the favour of human being. To cope up with the growing concern of misuse of ICT, Courses like cybercrime and cyber-security have been incorporated in the curriculum and is being offered as open choice subject to all sixth semester students. To raise awareness and make ready future citizens of the country for the growing concern of environmental challenges the college have incorporated many courses of environmental studies in different program. All the undergraduate students have to compulsory study the Environmental science and human right course in first year. Moreover in B.Sc. Biology group environment and ecology related courses have widely been acknowledged.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	No File Uploaded
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

0

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

00

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

704

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

B. Any 3 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	http://www.sciencecollegebilaspur.ac.in/file/igac/feedback_analysis_2020-21.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	http://www.sciencecollegebilaspur.ac.in/file/igac/Action%20taken%20report_2020-21.pdf
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1030

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

581

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

To provide equitable knowledge to all students the college continuously assess the learning level of students and cater their requirement by assisting them. The assessment of students is done by internal examination, Class seminar, Viva Voce and at the semester end examination. On the basis of the performance of a student in these assessment methods, students are categorized as advance and slow learner. For all programs internal assessment is done by two internal examination and one assignment given by the teacher in-charge of the course. For Postgraduate program students are assessed additionally through seminar and group discussion along with the teacher in-charge. Advance and slow learners are categorized by their performance in examination, their knowledge of the subject, understanding of important concept and articulation abilities. To overcome the problem student friendly methods of teaching is promoted in the college.. After class discussion on the topic is also encouraged to make students well versed with the topic. Use of ICT tool is also of great help to boost the learning of slow learner. Use of smart board based teaching, animation of difficult topic, video lecture in national platforms help slow learners to be at par with the other advance learner students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/01/2021	2058	33

File Description	Documents
Upload any additional information	No File Uploaded

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:

College is committed to provide quality education in student friendly measure for which many methodologies are adopted by the college. College consider students as their important stakeholder. The main focus on planning, delivery of curriculum and assessment is done by making these to be student centric. Various efforts are made to make learning more students centric by focusing on specific learning outcomes for all courses and making it more participatory and interactive. Activity based learning, Field training, experimental learning, ICT based learning, are adopted by the college for teaching. Students are taught to develop critical thinking on the subject. By use of illustration and special lecture teaching and learning are made more effective. Some of the departments send their students to nearby industries/ manufacturing companies for experimental learning and to understand various problem solving methodologies comes in the path of development. By such visits, they receive practical and direct experience of negotiating difficult situations, and are trained as capable, competent and accomplished individuals. There are provision of field work and project in some programs to give real time exposure of research to students. Students are taken for field visit and industrial visit to acquire knowledge on current practices.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Faculties are using user friendly ICT Tools like Desktop and laptops, LCD Projector, Printer, Photocopier, tablets, Touch screen Pen, I pads, Scanners, Microphones, interactive white board, DVDs and CDs, Flash disks etc. Every department has its

own LCD projector and desk tops. The library is also equipped with SOUL software version 2.0. The teaching process comprises of: Class Room Learning, Power Point Presentation, Assignments, Seminars, Web based resources, Guest lectures and Visit to different laboratories.

Learning is made more student-centric by encouraging them to prepare a detailed note/ report on their seminar/ project topics and discuss their seminar topics/ project reports through power point presentation under the supervision of faculty members. Besides, workshops, group discussions, field study, participation in quiz, Poster and Model Presentation, participation in extension activities, etc are also included in the academic practices. As the students are predominantly from Hindi medium schools, the English Language Lab of the college helps to build and enhance the communication/writing skills of the students and also helps them to understand difficult concepts of science subjects.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	Nil
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

27

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	No File Uploaded
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The college adheres to academic calendar provided by the Department of Higher education, Chhattisgarh Government every year and the activities of college are framed accordingly. All

the academic events are completed more or less within the time limits. Teaching commences after completion of the admission. The institute also frame its own calendar in which time bound schedule for each academic and examination related programs are mentioned.

At start of every session designed, amended by the experts according to the subject need, and are passed by the Board of studies of each department then recommended by the Academic council for implementation and finally accepted by Governing Body. Autonomous cell provides the dates of commencement and completion of syllabus, schedules of internal exams, practical exams, final semester exams, etc. All efforts are taken by the examination cell, faculty members to finish the tasks within specified dates. Tentative dates of practical exams and viva-voce and theory examinations are also given in academic calendar. The faculty members are issued daily diaries so that teaching is completed well within the actual working days as per mentioned in the academic calendar.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	No File Uploaded

2.4 - Teacher Profile and Quality

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

27

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

19

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

672

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

40

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The outline of examination system is given below.

1.Notification of Examination committee (subject-wise), Result committee and UFM committee. 2.Declaration of dates of internal tests and seminars/assignments. 3.Acquiring the panel of examiners from departments for paper setting and practical exams. 4.Declaration of dates (Exam time-table) of semester examinations. 5.Appointing the paper setter and practical examiner by the principal by selecting one name from the panel. 6.Assigning the paper setting. 7.Receiving the manuscript and moderating if necessary. 8.Sending the manuscript to the printer and receiving it back. 9.Appointing the examination superintendent and other officials. 10.Smooth conduction of examination. 11.Receiving of foil/counterfoils of from examiners/departments (for internal/assignments/seminars). Page 36/90 07-04-2021 11:59:12 Self Study Report of GOVT. E. RAGHAVENDRA RAO POSTGRADUATE SCIENCE COLLEGE, BILASPUR (C.G.) 12.Preparation of results. 13.Approval of result by result committee. 14.Preparation of Mark-sheets. 15.Sending the TR and Mark-sheets for counter sign to Bilaspur University. 16.Declaration of result. 17.Distribution of mark-sheets

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The College has clearly stated learning outcomes of the

Programs and Courses. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students. Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students. Learning Outcomes of the Programs and Courses are displayed on the notice boards outside each department and examination cell. Soft Copy of Curriculum and Learning Outcomes of Programs and Courses are also uploaded to the Institution website for reference. The importance of the learning outcomes has been communicated to the teachers in every IQAC Meeting and College Committee Meeting. The students are also made aware of the same through induction program. The course outcomes help the stakeholders to manage the resources effectively to the maximum extent. This creates path to improve the processes continually.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	No File Uploaded
Upload any additional information	No File Uploaded
Link for additional Information	https://sciencecollegebilaspur.ac.in/file/naac/criteria2/2.6.1.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The attainment of program outcomes and courses outcomes are evaluated by the institution through direct and indirect methods like checking and monitoring their performances in the internal examinations, semester end examinations and by their extra curricular activities. Direct methods are provided through direct examinations or observations of student knowledge or skills against measurable course outcomes. Through result analysis the knowledge and skill that students acquire in their subject and also their capacity for critical thinking is observed. Attainment of these outcomes is excellent, with pass percentage ranging between 89% to 95% in the past 5 years approximately. Dropout rate is very low. In postgraduate programmes average pass percentage is 99%. Majority students pass in first class (60%) and many with distinction (75%) in post graduate programmes. Indirect assessment strategies are implemented by getting feedback forms from each student especially from exiting students and alumni. Program outcomes

are assessed with above mentioned data are analysed by department concerned and IQAC of the college. The outcomes of the analysis are used as the helping hands for examination reforms and for further modifications required in the syllabus

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

699

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

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.sciencecollegebilaspur.ac.in/file/igac/feedback_analysis_2020-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

To promote research activity the institution desires to build state of the art facilities, promotes research publications, develops collaborations and becomes part of active community

that shares the mission objectives. The Institution have well established research facility in its six Research Centres recognised by the Atal Bihari Bajpayee Vishwavidyalaya, Bilaspur. The facility for research is constantly reviewed by the research committee dedicated for the Promotion of research in the institution with the help of the Head of Department concerned. Each research centre have instruments and facilities to carry out research in the area specified by the Teaching faculties of the department. One third of our faculty members are recognised as research supervisors by the Atal Bihari Bajpayee University. The input obtained from them plays very important role for up gradation of research facility.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	Nil
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

12

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

We offer adequate research infrastructure or provide the ecosystem needed to make ground breaking discoveries to young scholar. All the postgraduate students are trained by working

on some projects to introduce them to research methodology and to the psychology of research work. To spark and nurture imagination and creativity and to enable the process of innovation it requires providing the best possible research enabled faculty and also empowering them with infrastructural networking and other support.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

1

File Description	Documents
Report of the events	No File Uploaded
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

01

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

3

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

0

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

0

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	No File Uploaded
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

True to the lofty ideals of the National Service Scheme movement, our institute actively involve undergraduate students in voluntary social service activities for the socio-economic development of the area surrounding our institution as well as the nation at large. Through our innovatively designed NSS program, we provide opportunities to students to empathetically understand and appreciate the problems of the communities, awaken social consciousness and inculcate in them a sense of dignity of labor and fellow feeling. Today, we are strongly connected to our immediate society as well as the nation through an emotional and moral bonding by virtue of the passion and dedication with which our students carry out the various social service initiatives. Our NSS and NCC units seeks to underline that the welfare of an individual is ultimately dependent on the welfare of the society as a whole that is demonstrated through our regular NSS and NCC activities. Our NSS unit plans and implements Programmes to inculcate thoughts in the minds of students oriented towards achieving social welfare and provide selfless service to the society without any prejudice and expectation for reward. Our regular social service activities include cleanliness drives, environmental protection, healthcare support and educational support.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

0

File Description	Documents
Number of awards for extension activities in during the year	No File Uploaded
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

09

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

453

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/

student exchange/ internship/ on-the-job training/ project work

00

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

1

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

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 equipments, etc.

This college has a campus of 30.6 acre area. The college has a large infrastructure divided in four blocks with adequate number of class rooms, laboratories, offices and hostel. The college has provided Internet facility with Wi-Fi, separate department rooms and laboratories with adequate facilities to all the departments. Ramps have been constructed for differently able students. The college has a Auditorium having capacity of 500 students and a Conference Hall for meeting and other activities. The library is well equipped with internet facility and INFLIBNET. The college caters to the needs of its male students by providing hostel facility

A large building surrounded with a lush green campus gives it a pride to be one in the town. n. Each classroom has a sufficient

capacity and furniture. The laboratories for each subject are well equipped with all necessary equipments and furniture. The computer lab is also a well furnished with 50 computer machines with latest operating systems. In addition to classrooms equipped with traditional chalk and board arrangement, there are 07 smart classrooms. Every department has LCD projector for teaching purpose.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

For encouraging students towards cultural activities, the institute organizes many competitions like dance (group and solo), song (group and solo), drama, street play, writing, debate, rangoli, flower decoration, poster making, painting etc every year at the time of social gatherings/ annual festival and the winners are felicitated in the annual function prize distribution function. Also, the students are motivated to participate in cultural events organized during traffic week, women empowerment, Rajya Utsav, etc for which they are given monetary facilities. This college has a campus of 30.6 acre area of which approximately 19.0 acre is used to build large playgrounds with provision for multiple games, such as Athletics, Cricket, Football, Hockey, Volleyball, Tennis and kho-kho. The institution also provides recreational facilities like well equipped gym in which Bench-press, Jogger machine runner and with twitter, Leg-press, Biceps equipment, Triceps equipment, pull with push-up machine, Cycling, West vibrator, Dumbbells, Pull Sit-up equipment and many more machines are available. Also there is a place for indoor games like chess, Carom, Table-Tennis. The institution has a facility for students get benefited through Yoga. For yoga there is an open place inside the main building. Every year Yoga Day is celebrated on 21st of June.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

19

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

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

19.06

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Library automation refers to the use of computers to keep track of all the books that are issued, returned and added in the library. It gives the information consist of book number authors name rach detail, book title and much more. It provides the serch function which helps the students in searching of any book in library. Soul 2.0 it's an state of the art integrated library management software design and developed by the INFLIBNET center. It is a user friendly software develop to

work under client server environment the software is compliant to international standards for Bibliographic formats networking and circulation protocols.

Central library is under automation process in since 2015. Currently 5000 books are recorded and further data entry is under process. The library is partially automated by using soul 2.0 ILM software. After the completion of DATA entry Bar coding of books and users will be started. After completion of bar-coding automated circulation will be started. The automation will help smooth circulation of books and to keep record of books issued and percentage usage of library by Students and faculty members. Using the Library management software (LMS). Librarian can check the status of book any time.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

0.30363

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

0

File Description	Documents
Upload details of library usage by teachers and students	No File Uploaded
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Institution has well functional internet facility with speed of 10Mbps. BSNL is service provider for internet based on OFC system under NMECT scheme. Entire college premises covered with internet connectivity through LAN and Wi-Fi terminals. The institution provides free wi-fi facility to the students by providing the required password. They can access internet freely through their mobile phone, tablet or laptop in the college campus. Wi-Fi connection is password protected so that only authorized person can access internet facility. Institution has plan to install firewalls for cyber security and will keep the record of Wi-Fi users. For this purpose institution is ready to allocate budget as per requirements. Each department and class rooms are equipped with LAN connectivity so that internet can access easily at anytime from anywhere within the college premises. Power backup system is also available for uninterrupted power supply so that one can access internet smoothly. Faculties are using user friendly ICT Tools like Desktop and laptops, LCD Projector, Printer, Photocopier, tablets, Touch screen Pen, I pads, Scanners, Microphones, interactive white board, DVDs and CDs, Flash disks

etc. Every department has its own LCD projector and desk tops. There are 07 smart class rooms which are looked after by the efficient faculty of Computer science department, Information technology department.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2056	153

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

41.94

File Description	Documents
Audited statements of accounts	No File Uploaded
Upload any additional information	View File

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

The institution constitutes specific committees comprises of faculty members and office staff which looks after the regular maintenance of college premises regularly with the help of the PWD department of the state government. Similarly for the maintenance of furniture a separate committee is formed each year. Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping and maintenance of lawns is done by Institution concern Employees. College campus maintenance is monitored through regular inspection. The institution runs postgraduate courses in 6 major subjects. There are separate labs for undergraduate and postgraduate classes. They are cleaned by the peons and maintained by lab technicians under the vigilant supervisions of the concerned teachers. Any fault if occurs in the instruments are being repaired by service engineers. Some teachers catch the basic faults and rectify by their own. Postgraduate students are involved in maintenance of labs/ chemicals. At the end of each session the stock is maintained and verified by the committees made by Principal. These committees are intra-departmental so as to make the verification process more transparent and effective. There is

lab attendant and a lab technician in every department, who maintains the stock register by physically verifying the items round the year. The book lifter arranges the books in the library, issues to the students, maintains records for issue and looks after the comfortable seating arrangements for the students under the supervision of librarian.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1098

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga,

A. All of the above

**Physical fitness, Health and Hygiene)
Awareness of Trends in Technology**

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

0

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

140

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

0

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institution is committed to provide student friendly amenities to its students. In order to do that students are made member of the various committees of the college. Students are members of committees like IQAC, Consolidated fund and Campus development, infrastructure maintenance etc. The constitution of student's council is made as per the notification of the state government, in the direction of affiliating university. The institution forms a committee of faculty members for the election/selection of the members of the student council which as per the direction and rules of the state government and affiliating university completes the task of forming the student council

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

0

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The institution have functional alumni association consisting of passed out students who are working in different areas of the society. Alumni association is not registered yet. The Registration is under process with the registrar of the society. Alumni association meets at least twice a year. The president and the secretary are elected by the members of the Alumni committee among themselves. In the institution a committee is formed to look after the alumni affair. The alumni of the college are the assets who guide the students and help in infrastructure development. The alumni of the institutes contributes in the form of registration fee and also contributes by donation to the institution. The alumni association have significant role in development of Garden in the college. The garden in the front was developed by the funds generated through Alumni.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

The vision of the institution that "The science of today provides the seeds of technology for tomorrow" this inspirational vision of the college is to improve the quality of higher education in science, serving the social needs, uplift the academic standards of the regional youths fostering an enduring sense of discipline and single minded dedication to work. Our Mission is to provide quality and value based education in the field of science to the interested, first generation students and backward classes of the society. By promoting the college into an institution of excellence that has to serve the regional youth by providing them easy access to higher education and job opportunities. The Vision and Mission statement is reflected through the prospectus, website, through display boards at prominent and accessible places in the college premises. To give a practical shape to our vision, mission and collateral objectives, this college has a structured governance and leadership mechanism in place. This mechanism takes decisions which are in consistence with the realization of the goals of our stated vision and mission. The governance of the institution is reflective of an effective leadership in tune with the vision of the institution.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

To achieve academic goal, organizational progression and for overall development of the institution the College follows decentralise and participative way of functioning. Various academic and administrative decision are taken by the committee specially form for the purpose. Functioning of the Examination cell is the best example of participative and decentralize management in the institution. The examination cell comprises of the Principal as the chief controller of examination, Controller of examination, a deputy controller and two assistant controller who are responsible for day to day

business of the cell. The cell function as per the rules and regulation of the UGC and the affiliating university.

Decision about the types of courses (Choice based, Honours course etc.) to run and the system of education (Annual or semester) is taken by the Governing Body by the recommendation of Academic Council and Staff Council. Examination reforms as needed time to time is also decide by the committee comprises for it. The reforms are than discussed in academic council and put to governing body for approval. Syllabus of the courses are Created, Amended and revised by the BOS, which is than approved by the academic council.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Keeping in view the mission and vision of the institution perspective/strategic plan is prepared and all faculty members oriented them to achieve the goals. The institution wants students to orient themselves for research and development in close proximity with the need of the society. In tune with the vision, mission and perspective planning skill based course was started in the institution. In order to prepare students for real world and to boost their confidence, skill and communication the institution decided to introduce skill based courses for all undergraduate students in the session 2016-17. The idea of starting the skill based course came from the IQAC cell which was then taken over by the autonomous extension cell. The autonomous extension cell along with the Head of departments formulated the strategy to apply the skill based course in UG classes in last semester. It was decided that in last semester of all UG program Choice based course will be offered under open choice courses.

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

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

Govt. E Raghavendra Rao Postgraduate Science College is a Government institution and function under the administrative supervision of the Department of Higher Education Govt. of Chhattisgarh. Various academic, administrative and financial decisions in the institution are taken as per the guideline and procedure of the Government for the purpose. Appointment rules and regulation are made by the Government of Chhattisgarh. Service rules and conditions are also made by the government. Though the staffs are recruited by the government the deployment of the teaching and non teaching staff is done by the Principal on the basis of equal share of work and skill in consultation with senior faculty members. principal decides the ,convener and member of the various committees to take care of different activities of the institution. To take care of different aspects and activities, there are different committees and bodies such as Games Committee, Admission Committees, Examination Committee, Career Counseling and Placement Cell, Research Committee, Anti- Ragging Committee, Purchase Committee, Student Union Committee, and various other minor Committees. All the committees work as per either the statutory guideline for the committee or in the best interest of the student in consultation with Principal.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	B. Any three of the above
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File Description	Documents
ERP (Enterprise Resource Planning) Documen	No File Uploaded
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	No File Uploaded
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Being a government college, all welfare schemes i.e. GPF, Group Insurance Scheme (GIS), loan facilities, motorcycle/car loan advance, festival advance, health insurance, house building loan, reimbursement of medical expenses, short term loans, AnukampaNiyukti etc are available for teaching and nonteaching staff. Travel grant, fellowship for forpusuing research degree and research grants from UGC are etc. are provided to the teachers.. As the College is Government institution, only government welfare schemes are applicable for the teaching and non-teaching staff of the institution. The State Government has framed many acts/rules & regulation for effective welfare measures for their employees and amended/updated existing provisions time to time on demand or as per requirement. All the employees of state Government are covered under Chhattisgarh Civil Services rules

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

0

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

34

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal Audit: The internal financial accounting is done every month and is completed before 10th of every month considering

all the previous month transactions. After completion of the monthly accounts the same accounts are audited by the internal auditors from departmental staff appointed by the Principal. The principal assigns a group of professors of the college variously to audit the accounts, stock and store of all departments, sections and library every year. If any mistake/short coming are identified/ noticed the same are rectified in the same month by the concerned departments/officers.

External Audits:

The financial transactions of the College are of several types. The External Audit is undertaken by AG and Govt. of Chhattisgarh auditors. Some times Chartered Accountants are also engaged to audit the accounts of the college, especially the accounts of grants provided by UGC/CG/COST/Self financing/Autonomy. If any objection is raised by the auditor, they are rectified then and there. Those which cannot be corrected immediately are rectified later.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Optimal utilization of funds in Govt. E. Raghavendra Rao PG. Science College is ensured through the following procedure: The establishment expenditure of the college including salary and

other expenditure is meted out by the Department of Higher Education, Government of Chhattisgarh for which an estimated budget is sent to the department. Draft budget is prepared every year taking consideration of the requirements of each department. Adequate funds are allocated for effective teaching-learning practices budgetary provisions are made use of for administrative and academic activities. The budget is utilized to meet day-to-day operational and administrative expenses and maintenance of the fixed assets. The grants received from the external funding agencies like UGC, are effectively utilized by procuring the suitable equipments for laboratories of the institute. Enrichment of the laboratories with good equipments has further improved the research interest of the faculty and students. Janbhagidari Samiti's fund are utilized for the benefits of the students and college welfare. The grants are allocated to all the departments as per their demands. Purchase Rules of the State Government are followed

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The college has recently been accredited in November 2021 and graded B+ with 2.68 grade point. After accreditation we have taken several steps for the improvement of grading of the institution. Few of the steps are listed below-

1. Starting of value added courses
2. automation of library
3. Improvement in research infra structure.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

To review the teaching, learning process and its outcome internal academic audit and External academic audit is regularly done in the college by the IQAC and the committee specially formed for the purpose.1.Internal and External Academic Audit: In order to assess the teaching learning outcome and academic performance of the institution academic audit is performed. To assess the functioning and efforts of the teacher some criteria's are designed on the basis of which the audit is performed. Internal audit is performed department wise. By employing the semester wise suggestion and recommendation by internal audit steps to improve the teaching and learning experience are taken by the departments at department level.1.Feedback collection, Analysis, Action Taken: The institution forms a committee to collect feedback from all the stakeholders including students, teachers, parents and alumni. To collect feedback various criteria are decided by the IQAC and committee comprises for it. The feedback report from students are collected by the committee and analyzed by the senior faculty members and IQAC. The student feedback report contains criteria related to teaching, learning, extracurricular activity, and about the facilities provided by the institution to the students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any

B. Any 3 of the above

other quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

Safety and Security: For the safety and security of the Girls students and women faculties and employee a specific committee to women related grievances is functional in the college with 3 full time women faculties as member of the committee along with one technical staff. In pursuance of the guideline by honourable supreme court an internal complaint committee has also been formed which is mandated to look complaints relating girls students and women faculties and employees. The committee organizes the various programs concern with the general problem of the Girl students.. To add up to the security of the faculties and students CCTV have been installed in the campus for round the clock surveillance. Girls students are sensitised and make aware about women related issues by our faculty and staff time to time. **Counselling:** For emotional social academic and cognitive development of girl students special counselling sessions are taken by the women faculties of the college. For gender related issues special programs are organized with Bilaspur Police and women organizations. For menstrual hygiene specific programs like cycle rally, talk are organised not just for students but also for nearby community.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	C. Any 2 of the above
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File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid Waste Management Garbage bins are placed in all over campus at some distance and in all class rooms and laboratories. The waste from the bin is collected by the staff of the college and segregate them on the basis of there nature. The biodegradable waste and dry plant materials are after segregation put into a compost pit to convert it into a organic compost. Other non degradable waste are handed over to the municipal corporation of Bilaspur for proper disposal. Desk, table, laboratory equipment related waste materials are disposed by the method prescribed by the govt. of Chhattisgarh. Liquid Waste Management: Liquid waste generated in the college is collected through a proper piped drainage system and discharged into municipal pipeline. Liquid waste generated in the college gets indirectly treated by the municipal corporation. Liquid waste generated in the chemistry and laboratories using chemicals are collected before discharging into the municipal drainage. Chemicals which can be further used to clean the floor of the campus is used for the cleaning before discharging into municipal drainage. Waste generated in Bio labs are decontaminated by autoclaving before discharging into drainage.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	No File Uploaded
Any other relevant information	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	B. Any 3 of the above
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File Description	Documents
Geotagged 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: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	B. Any 3 of the above

File Description	Documents
Geotagged 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 undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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**

B. Any 3 of the above

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

These functions help in developing tolerance harmony towards culture, region and linguistics and also communal social economics and other diversities. Two important national festivals, Republic Day and Independent Day are celebrated every year in this college. Different sports and cultural activities organized inside the college to promote harmony towards each other. Commemorative days like Teacher's day (5th September), Women's day (8th March), Yoga day (21st June), AIIDS (1st December), Voter's day (25th January along with many regional cultural activities like Panthi, Karama, Gendi dances are also performed during social gathering program. There are different grievance redressal cells in the institute like Student grievance redressal cell, Women grievance cell which deal with grievances without considering anyone's racial or cultural background. Institute has code of conducts for students and a separate code of conducts for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded

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

The programme initiates with preamble reading of the constitution in order to generate responsibility towards the constitutional values, rights, duties and responsibilities of citizens. Students are encouraged to participate in activities like essay competition on the related themes. This college is bound to encourage the students and staff towards the social responsibilities and to create awareness about their duties for the society as well as the nation by celebrating Independence Day, Republic Day, National Unity Day, Voters day, Gandhi Jayanti, NCC Day, NSS Day and National Youth day every year. We also celebrated Kargil Vijay Diwas to realize that how a national integrity helps in defeating the actual and potential threats for unity, integrity and security of the nation. To establish the ideals to respect national symbol, national anthem, national song given in the part 4 students and employs are encouraged. By celebrating Gandhi Jayanti in the form of cleanliness drive work in the near about area and village, the Gandhian ideals given in part 4 are promoted. National unity, integrity and feelings of brotherhood are cherished values of Indian society which is promoted by celebration of National unity day and by various programs organized by NCC and NSS.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

C. Any 2 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 programmes, 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

National Festivals: These festivals are celebrated throughout the year. To mention a few events Independence & Republic Day Celebration: I Youth Week Celebration: Yuva Saptah is organised to commemorate the birth of Swami Vivekanand in which programs are organised to enlighten the students about the teaching of Swami Vivekanand among students. Basant Panchami (Saraswati Puja): Festival is organised by the Hostel students each year. Hostel is decorated and Puja is performed followed by Breakfast of teaching staff with students. National Yoga Day: Each year national yoga day is celebrated on 21st June on the occasion of international Yoga Day. National Voters day :Voter day is celebrated with the help of the district administration each year on 25th January. NSS Day: NSS day is Celebrated on 24th June each year. Cultural programs are organised by NSS student in the occasion. NCC Day : NCC day is celebrated along with the NCC Battalian. Kargil Vijay Diwas: To Remember the Heroes of 1999 Kargil war. Kargil Vijay Diwas Is celebrated each year. Constitution Day : constitution day is celebrated and sanvidhan sath is taken each year on 26th November. National Vigilance Week: Vigilance Week is organised with SECL each year.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Title of the Practice: Choice based Skill Based Courses under open choice

Objective: To meet the demand of skilled professional and to make student self-employable, skill based courses were introduced in the college from session 2016-17 at graduation level and made a provision of Choice based courses under open choice for all final semester students.

The context: After successfully introducing and running the honours courses and choice based course system, the institute has again made a milestone by introducing Skill based course at undergraduate level as an open choice system.

Practice: The students are provided all the necessary information about all the courses through common Induction program. A student has been given complete freedom to opt any one course of his/her choice. The admissions are given as per the merit and preference of choice given by the student.

Evidence of success -Their true choice encourages them to work with enthusiasm which has been proven by their 100% performance in examination. Students belonging to mathematics and computer science courses are interested for skill based courses of biological sciences, similarly students of biological science are interested for computer science / physical science related courses.

File Description	Documents
Best practices in the Institutional website	http://www.sciencecollegebilaspur.ac.in/skillscourse.html
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Innovative course pattern and evaluation system: Semester system with Choice based courses & Honours courses and Continuous assessment. The College has set its vision to commensurate with the time and taking into account the challenges in the age of globalization with skill & knowledge in the society. It becomes an urgent need of academic reforms towards holistic approach in higher education and in this regard the prime requisite of education is to introduce the Semester pattern education with Choice Based Credit System (CBCS) and Continuous Assessment and Grading Pattern (CAGP). The UGC, NACC and other academic organizations have advocated CBCS & CAGP for higher education and a number of universities and colleges in the country have already adopted such pattern. In this regard this college extends its all efforts to implement the semester system with CBCS and CAGP. However, considering the academic environment and status of local region as well as in this state, the college has introduced semester system with choice based course (generic choice), honours courses (discipline choice) and skill based courses (open choice) from the session of 2014-15, 2015-16 and 2016-17 respectively.

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Submission of SSR

2.NAAC Accreditation.

3. Creation of online lecture capturing facility.
4. Starting of Value added courses
5. Improvement in research facilities.