



Yearly Status Report - 2016-2017

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. B. L. Goyal
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		07752246430
Mobile no.		7898484846
Registered Email		gerrscnaac20@gmail.com
Alternate Email		pr.sc.college@gmail.com
Address		Seepat Road
City/Town		BILASPUR
State/UT		Chhattisgarh
Pincode		495006

2. Institutional Status					
Autonomous Status (Provide date of Conformant of Autonomous Status)			30-Oct-1987		
Type of Institution			Co-education		
Location			Urban		
Financial Status			state		
Name of the IQAC co-ordinator/Director			Dr. R. S. Kher		
Phone no/Alternate Phone no.			07752246430		
Mobile no.			9300311524		
Registered Email			iqacgerrpgsc@gmail.com		
Alternate Email			kherrs000@gmail.com		
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)			http://www.sciencecollegebilaspur.ac.in/iqac.html		
4. Whether Academic Calendar prepared during the year			Yes		
if yes,whether it is uploaded in the institutional website: Weblink :			http://www.sciencecollegebilaspur.ac.in/calender.html		
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.67	2005	21-Sep-2005	20-Sep-2010
2	A	3.02	2015	01-May-2015	30-Apr-2020
6. Date of Establishment of IQAC			11-Dec-2012		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
One day workshop on quality education and constitution of quality cell at district level	16-Jan-2016 1	54
Workshop on Examination reforms : evaluation system and its prospects	18-Mar-2017 1	71
View File		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

Following contributions were made by IQAC for the session 201617 ? Recommended to implement Central valuation system to promote excellence in examination system and fastening of result declaration process, Academic audit procedure so as to improve teaching learning process and establishment of central research lab to promote research activities in the institute. ? Organized one day workshop on 'Examination Reforms: Evaluation system and its prospects'. ? Organized one day workshop for Quality in higher education and constituted Quality cell at district level. ? As per decision taken in meeting first, recommendation to implement Skill based course as an open choice in sixth semester. ? Organized induction program to new coming students at the start of the session to explore the entire academic and administrative mechanisms and facts of the institution and a special

induction program to deploy the concept of skill based program in our institution.

[View File](#)

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

Plan of Action	Achivements/Outcomes
1. to start the central valuation system. 2. to start Skill Based Course under open choice scheme for UG. 3. To start academic audit in the college 4. to start project/ field work for PG and Hons students	the process of central valuation has been successfully implemented. Skill based course is started in 10 different Courses in open choice based system. A committee is formed for academic audit in the college.

[View File](#)

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	07-Dec-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2017

Date of Submission

21-Jan-2017

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Modules in operation currently: A. Applying the college website and Email of higher authorities, university, faculty members as well as coordinators of different committees / cells. B. Mass messaging system - within group of all regular students, group of all teachers, C. Notification by college notice board, departmental notice board and digital display system. D. Using whatsapp group of faculty members, research student groups, PG students

group and Honours student group. E. Through meetings of staff council, student induction program and additional meetings as per required. F. Submitting the data on MIS portal and AISHE portal. Description: The Institution has well organized management information system under which the IQAC plans the various activities for better performance in academics and for overall development of the institution. The activities planned are then implemented by the various committees concern to achieve the planned goal. After implementation the achievement and problems in the form of feedback is placed before the staff council and other constitutional bodies. The bodies discuss the problems and outcomes thoroughly and recommend its suggestion for better planning in next session. Information of various activities is given to the students by Notice Boards, Website and also by sending Group SMS. Information to teaching and non teaching staff is provided through Email and Whatsapp group. Not just for teaching and nonteaching staff but also information to students are circulated through whatsapp group, for each class there are separate whatsapp group to give important message. Mass messages are sent to the students for various activities like notifications, various schedules. Whatsapp group are the most convenient way of conveying message not just to staff but also to students in real time basis. Since research scholar is in distant places MIS plays very important role in circulation of message. Data of the institution, report of progress are submitted to the government by various portals like MIS portal (<http://nhercmis.tiss.edu/#/login>) as per the direction of the government of Chhattisgarh and in AISHE portal of MHRD. The information is also shared to the university by autonomy affir cell and also progress report is submitted to the government by the principal for the compliance of various decision taken by the government in favour of the students.

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
View File			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
View File				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Microbiology	17
MSc	Physics	34
BCA	BCA	10
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes

Parents	Yes
---------	-----

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

Feedback Obtained

As per previous session feedback has been collected in prescribed format from stakeholders like - regular students, Alumni, teachers, employers at the end of each academic session by the feedback committee and submitted to IQAC. After thorough analysis the gathered suggestions from the stakeholders are recommended to the college administration to be incorporated / implemented in the working policy of the Institution. Written Feedbacks on various aspects of the College including teaching, learning, infrastructure, future plan, Library and sports facilities, administration and other curricular and extracurricular activities has also been collected . Feedback has also been collected from parents during parent’s teacher meeting and from Alumni in Alumni meeting. Suggestions and comments given by the parents and Alumni are also taken into consideration for future development. The different areas where improvement is needed are discussed by IQAC and Principal with respective committee or department. To make the teaching process more effective feedback are also collected about teachers in their respective classes including UG and PG classes separately and any improvement, if required is advised by the Principal / HOD to faculty concerned to make them more efficient in the class rooms. Follow-up action regarding implementation of suggestions given by stakeholder is also regular practice in our Institution.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
View File				

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2016	1289	435	7	0	18

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
25	20	20	12	2	0

[View File of ICT Tools and resources](#)

No file uploaded.

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

In order to enhance the capability and to support students, mentoring system has been implemented in the college, with the objectives to increase the contacts of teacher and students resulting in more friendly atmosphere for learning and to boost the performance by guiding them to excel in academics and co-curricular activity by giving them personal guidance. The service of the college are being given to the students on equitable basis by giving them equal opportunity to excel in academics. By mentoring scientific aptitude is also being developed to encourage students to do good in research activities. not just performance in academics but to develop better communication skills mentoring system is very helpful. The most important objective is to develop competitive aptitude, so that students can compete with other students. The system has been developed by the faculty members by discussion and resolution in staff council in 2014-15. Since college cater the wide variety of students in term of educational and economical background, the system helps in understanding the students and provide student centric education to them and perform according to their potential. For mentoring, students are divided into the group as per their programme and a teacher is assigned as mentor to each group who would do mentoring duty. a. After collecting all necessary information, mentors are expected to offer guidance and counselling, as and when required. b. It is the practice of Mentors to meet students individually or in groups.. c. If a student is identified as having weakness in particular subject, it is the duty of the Mentor to apprise the concerned subject teacher. The mentoring system of the institution is student centric and provides equitable service to students in academic and financial background.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1724	25	1:69

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
28	25	3	0	20

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
No file uploaded.			

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
View File				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
---	--	------------

59

3169

1.86

2.6 – Student Performance and Learning Outcomes

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

<http://www.sciencecollegebilaspur.ac.in/igac.html>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
View File					

2.7 – Student Satisfaction Survey

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

<http://www.sciencecollegebilaspur.ac.in/igac.html>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION**3.1 – Promotion of Research and Facilities**

3.1.1 – The institution provides seed money to its teachers for research

No
No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
No file uploaded.				

3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Total	0	0	0	0
No file uploaded.				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		

No file uploaded.

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
No file uploaded.				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Botany	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
View File			

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

Department	Number of Publication
0	0
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
No file uploaded.			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
--------------------	----------------	------------------	---------------------	---------	---	---

No Data Entered/Not Applicable !!!

No file uploaded.

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	5	2	0
Presented papers	3	4	0	0
Resource persons	0	1	2	4

No file uploaded.

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
0	0	0	0

No file uploaded.

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
0	0	0	0	0

No file uploaded.

3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Sweachha Bharat Abhiyan	NSS	6	134
SVEEP- Voter Awareness	NSS and SVEEP	4	89
One Day Camp Mopka	NSS	4	64
Seven Day special camp Seepat	NSS	3	101
Tree Plantation	NSS and NCC	4	43
Digital India-cashless system	NSS and NCC	3	84
Blood Donation Camp	YRC and NCC	2	33

No file uploaded.

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students
----------------------	-------------------	-----------------	--------------------

			Benefited
0	0	0	0
No file uploaded.			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
SWACHCHA BHARAT ABHIYAN	NSS	Cleaning, Rally, street play	3	56
AIDS DAY	NCC	Workshop, Poster Exhibition	2	42
WORLD ENVIRONMENT DAY	NSS/NCC	Talk	2	48
VIDHIK SEVA PRADHIKARAN	NSS	Rally, Lecture	4	58
No file uploaded.				

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
No file uploaded.			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Temporary	Project	Barkatullah University, Bhopal, BHU Varanasi, Agriculture University Ranchi, SS College Nagpur, IGNTU Amarkantak, Govt. VYT PG. College Durg, Bhilai mahila mahavidyalay, Bhilai, Bilaspur	16/01/2017	16/03/2017	17

University
Bilaspur,
Govt. Pt.
Nagarjuna
PG. Science
College Ra

No file uploaded.

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
150	145

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
inlibnet	Partially	2.0	2014

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
View File			

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co	Computer	Internet	Browsing	Computer	Office	Departme	Available	Others
------	----------	----------	----------	----------	----------	--------	----------	-----------	--------

	computers	Lab		centers	Centers		nts	Bandwidth (MBPS/GBPS)	
Existing	110	65	0	0	7	7	18	10	3
Added	4	3	0	0	0	0	1	0	0
Total	114	68	0	0	7	7	19	10	3

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

10 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
450000	43800	1000000	957260

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

Our college has well systematic academic and administrative management whereas democratic process has been adopted to take any decision related to maintaining and utilizing physical, academic and support facilities. The entire procedure and policies related to all activities and facilities are governed as well as monitored by various committees including faculty members, staff and student's representative headed by senior professor. Decisions and policies are made through proper meetings of concern committees following the recommendation of IQAC and directives of the University / department of higher education, Govt. of Chhattisgarh and UGC. So far as academic matters are concern, the departmental board of studies are responsible for implementation moderation / revision of courses and curriculum. An autonomous examination cell is established in the college which is responsible for conduction of regular examinations and declaration of results however an autonomous affairs cell is in function to coordinate the management bodies / committees and stakeholders facilitating the entire policies / regulation under autonomy system. Being a government college the infrastructure including classrooms, library, laboratory, office, conference hall, hostel, auditorium etc. are maintained by PWD, Bilaspur, Govt. of Chhattisgarh, whereas there is a separate building committee in the college which look after the matter related to construction/renovation and maintenance work and coordinating with Government? agencies. The committee seeks departmental requirements, needs of laboratories, class rooms research rooms, library etc. and send the proposal with details of budget requirements funding agencies etc. to the Government of Higher Education for approval. The building and infrastructure committee makes proposal. White wash, any new construction or major repair are also executed by Public Works Department (PWD) in the similar manner. Whereas minor repairs are done at the college level. The college has an advisory committee for library. The Library advisory committee consists of senior faculty as the Chairman, coordinator and

few members from the teaching faculty and the Librarian as members. The committee meets at regular intervals to decide the purchase, infrastructural development and improvisation of the Library. Upgradation is being done time to time by use of multimedia resources in the library, renovation and modernization of reading rooms, networking facilities with SOUL software etc. A separate sports committee has also been constituted in the College for the development of sports facilities and encouraged excellent sports persons in the college, whereas the entire activities of games / sports at college, university, state and national level conducted / coordinated by Sports officer. Finally the action taken in different sectors have been reviewed through feedback system and carried forwarded to next session

<http://www.sciencecollegebilaspur.ac.in/autonomy.html>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!		
View File		

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2016	Counselling and Placement Cell	132	168	0	0
2017	Counselling and Placement Cell	96	84	0	0
No file uploaded.					

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Nil					
No file uploaded.					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	6
SET	18
View File	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2016	0	National	0	0	0	0
2016	0	International	0	0	0	0
2017	0	National	0	0	0	0
2017	0	International	0	0	0	0
No file uploaded.						

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

Activity of student council and representation Enrolled students of our college contribute through their active participation in various committees. Their suggestions, views and healthy representation in various academic, administrative and extracurricular activities through departmental Board of Studies, Internal Quality Assurance Cell, Amalgamated Fund committee, Sports

committee, Cultural committee and other different committees along with various student unit like departmental association, NCC, NSS, YRC and student council help in proper execution and functioning of the committees. The College has an active Student Council which is constituted as per the guidelines provided by the department of Higher Education, Government of Chhattisgarh under the recommendation. The office bearers constituted as an elected body comprises of President, Vice President, Secretary, Joint Secretary and Class representatives. The entire activities have been performed under the supervision of Professor in-charge, as directed by the Principal. The constitution, functions and activities of Student council is enshrined in the schedule of college program /calendar. The departmental associations are formed in postgraduate departments which are constituted by merit / mass opinion, as per the norms of the department and their activities are conducted under the guidance of Head of the department concern. Apart from the activities of student council concerned to the college, the departmental associations have performed their activities according to the requirement of the department concerned. The students have active representation in the academic bodies of the institution. The Board of Studies of every department has a post graduate meritorious alumnus as student representative. The student representative contributes in the curriculum design and development. The feedback of the students is also considered while designing the curriculum. The Student Council draws up the program of activities to be undertaken by the council during the academic session and make necessary contribution towards the implementation of the program like debate, quiz competition, model exhibition and other competitions . Apart from this, the Student Council actively participates in the planning of the Cultural, Literary and Sports activities of the college and encourages the students to participate in the same. Teacher's day Saraswati pooja are also celebrated with zeal. They are actively indulged in Annual day function as well as Prize distribution. The President of Students Council constitutes a Student Grievance Redressal Society and Student Welfare Society. Through both these Societies, the grievances of the students are readdressed in consultation with the College administration. The Student Council also participates in the extension activities conducted by the NSS unit, NCC unit, Red Cross unit etc. These include Plantation Program, Blood Donation Camp, Health Awareness Campaign, Cleanliness drive etc. Thus the Student Council has a proactive role in the academic, administrative, cultural activities of the college contributing towards the healthy atmosphere.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

167

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

4179

5.4.4 – Meetings/activities organized by Alumni Association :

No Data Entered/Not Applicable !!!

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

words)

Mention two practices of decentralization and participative management during the last year More than thirty committees and subcommittees involving faculty members, staffs and representative of students were functional for proper conduction of academic and administrative activities in our college. IQAC has also in function for monitoring and implementation of participative management to achieve quality benchmark. Out of various practices of decentralization and participative management notably two practices are - i. All Postgraduate departments have an organized departmental association comprising of selected / nominated students coordinated by a Prof. in charge under the supervision of HOD, performed various academic and administrative activities like conduction of seminar test under internal assessment, use management of departmental library, academic excursion tour, interdepartmental intercollegiate academic interaction and management of laboratory equipments/items. ii. Cultural committee and Amalgamated fund committee are constituted in our college comprising the representative from all stakeholders performed various student centric academic and extracurricular activities coordinated by senior Professor under the supervision of the Principal.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Subject-wise BOS are constituted by the college as per the guidelines of UGC for the development of curriculum. The subject-wise course curricula are developed by BOS based on the needs of the learners and local needs for the students. The existing curricula for the previous session were reviewed annually and courses are updated to incorporate the required changes. The amendments were made by keeping into mind the difficulties faced by the valuers in designing the question papers. Thereafter it was passed by Academic Council and finally approved by the Governing body of the college. During the session of 2016-17, as per the proposal given by the IOAC, the Skill based courses have been introduced by different departments at Sixth semester at undergraduate program. Courses of study for different programs have been reconstituted and reframed accordingly. Simultaneously various mode of assignment and field / project work have been incorporated under internal assessment system.
Teaching and Learning	The academic calendar showing the academic activities time-table of classes as prepared by college committee and lesson plan in a

subject/paper/unit as prepared by every faculty at the beginning of each session have been displayed on website and notice board. Daily progress was also maintained in the form of teaching daily diary which is verified by the head of the department, Academic audit coordinator and then by the Principal. The teaching process comprising Class Room Learning, Power Point Presentation, Assignments, Seminars, Web based resources Guest lectures and Visit to different laboratories have been adopted. Outline of the course schedule and topics to be taught by the teacher were provided to the students prior to the commencement of classes.

Students are evaluated regularly through internal tests, assignments and seminars. Learning has been 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. The English Language Lab of the college helps to build and enhance the communication/writing skills of the students are predominantly come from the village background and from Hindi medium schools, and also helps them to understand difficult concepts of science subjects. The college has a rich, well equipped and automated library with INFLIBNET and internet facilities and well arranged reading room. Different departments have their own departmental libraries with collection of good books for PG students.

Examination and Evaluation

Our college has a well organized Autonomous Examination Cell conducted all examination under semester system adopting internal assessment and external evaluation system. Modified question pattern has been adopted that comprises objective type, short answer type and descriptive type questions unit wise per paper. Examination reforms have been done by general discussion and common opinion in the

meeting of stakeholders, alumni and academicians. Thereafter IQAC perused this matter in front of academic council and after approval by the governing body it has been adopted. The system of challenged valuation as proposed in the previous session started functioning which benefited the students to satisfy their myths regarding valuation and rectify their mistakes. Details of various courses, syllabus, and examination pattern and examination process are provided to the students at the time of admission through admission brochure and respective departments. The dates of unit tests/assignment and seminars are declared well before through notice. The dates of semester examinations are declared at least one month before the commencement of the examination.

Research and Development

Motivation of faculty members for research publication and participation in research seminars. Encouraging faculties are being encouraged to act as Ph. D. supervisors.

Library, ICT and Physical Infrastructure / Instrumentation

Boy's hostel has been renovated as per the need of the students and monitoring the placed proposal for 100 seated girl's hostel is being followed. Well equipped and automated library with INFLIBNET and internet facilities have been performed and different departments have their own departmental libraries for PG students. Laboratory for computer science and information technology has been established and central laboratory is proposed

Human Resource Management

Motivating and facilitating the faculty members to participate in refresher and orientation courses, conduction of short term computer program for non teaching staff, organization of work shop on different safety measures have been performed. Self appraisals of teachers through maintenance of academic dairy, establishment of grievance redressal cell, anti ragging committee, sexual harassment committee etc. are functional

Industry Interaction / Collaboration

Students have paid visits to the local industries to get exposure and prepare their assignment.

Admission of Students

Following the guidelines provided by the department of Higher education, Govt. of Chhattisgarh, the entire

admission procedure is governed by admission committees, which are formed department wise for PG and subject group-wise for UG. For admission in Ph. D. program, the notifications given by the parent university are being followed time to time. All orders coming from Higher education department and reservation rules laid down by state government are strictly followed.

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

E-governance area	Details
Planning and Development	E governance is used in monitoring, information sharing to the Govt. For planning and development ICT is Used in the institutions. Most of the plans are being made and communicated through online mode. The implementation of the plans are being conveyed through E mail. Financial decision, allocation of fund etc are also being done through ICT.
Administration	? All the administrative decision taken are being shared via ICT, which helps in faster communication and timely completion of work. All the HOD and principal office communicate via Email. E mail is the mode of communication within the institution for providing the centralise information about the rule, regulations, notices and circulars of the government and parent university.
Finance and Accounts	Since the college is a government institution as per the rule of the Govt. All salaries are made online in e-kosh software of Department of finance Govt of CG. All the payment of salaries is done through online transaction. The payment of purchase of various articles are done through treasury challan by making online bill. All grants from the government is received through online transaction.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	Workshop on Examination reforms : evaluation system and its prospects		18/03/2017	18/03/2017	71	0
2017	workshop on quality education and constitution of quality cell at district level		16/01/2017	16/01/2017	54	0
No file uploaded.						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher	1	05/06/2017	24/06/2017	20
No file uploaded.				

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

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

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
General (Compulsory) General Provident fund, Family Benefit Fund, Group Insurance Gratuity 2. Allowances Dearness Allowance House Rent Allowance Washing Allowance (Only For Class IV) Cycle Allowance (Only For Class IV) Dress	General (Compulsory) General Provident fund, Family Benefit Fund, Group Insurance Gratuity 2. Allowances Dearness Allowance House Rent Allowance Washing Allowance (Only For Class IV) Cycle Allowance (Only For Class IV) Dress	Scholarship, ekikrit, merit cum, divyang, , revaluation system, books for SC ST

Allowance (Only For Class IV) City Compensation Allowance Medical Allowance (Only for Class III IV Optional) Accountancy Allowance (Only for Accountant) 3. Medical Medical Reimbursement 4. Leave Casual Leave (13 Days) Half Pay Leave on Medical Ground (20 Days) Earn Leave (10 Days per year) Leave not due Maternity Leave (6 Months) Paternity Leave (15 Days) Study Leave (2 Years) 5. Remuneration/Honorarium Examination remuneration Allotment of Government Quarter	Allowance (Only For Class IV) City Compensation Allowance Medical Allowance (Only for Class III IV Optional) Accountancy Allowance (Only for Accountant) 3. Medical Medical Reimbursement 4. Leave Casual Leave (13 Days) Half Pay Leave on Medical Ground (20 Days) Earn Leave (10 Days per year) Leave not due Maternity Leave (6 Months) Paternity Leave (15 Days) Study Leave (2 Years) 5. Remuneration/Honorarium Examination remuneration Allotment of Government Quarter Loans and Advances for Class III IV Employees Compassionate Appointment Pension Family Pension
--	---

6.4 – Financial Management and Resource Mobilization

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

All financial transactions, purchases and expenditures are done by the Principal as per Govt. norms duly recommended by the purchase committee of the college and proposed by various departments. The effective and efficient use of financial resources is ensured through a proper system adopted by the college.

College gets funds from four different sources, such as University Grants Commission, State Govt. Higher education department, Janbhagidari samiti, funds generated through self financing courses. 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 External Audit is undertaken by AG and Govt. of Chhatisgarh 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 financeing/Autonomy.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	By the committee formed for the purpose	Yes	Faculty Incharge
Administrative	No		Yes	Principal and Senior Professor Appointed

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

1. discussion on academic performance of the student. 2. Mental support to Student 3. Career Guidance and Counselling to student for Better Performance

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

1. Outdoor Visit 2. Family Gathering 3. ICT Training

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

1. implementation of Semester System 2. Choice based course System 3. Central Valuation System

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Beti Bachao Beti Padhao: Essay Competition	20/10/2016	20/10/2016	62	27

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

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

Pits for solid waste disposal, Solar Panel to generate renewable energy.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
No Data Entered/Not Applicable !!!		

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
No file uploaded.							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Teaching Staff	01/07/2016	Code of Conduct of the Govt. of Chhattisgarh is applicable in the institution. however institution publish code of conduct for the teaching staff in the begining of academic session.
Non Teaching Staff	01/07/2016	Code of Conduct of the Govt. of Chhattisgarh is applicable in the institution. however institution publish code of conduct for the teaching staff in the begining of academic session.
Student	01/07/2016	Code of Conduct of the Govt. of Chhattisgarh is applicable in the institution. however institution publish code of conduct for the teaching staff in the begining of academic session.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Teachers Day	05/09/2016	05/09/2016	165
Hindi Diwas	14/09/2016	14/09/2016	64
National Integration Day	31/10/2016	31/10/2016	43

Mahatma Gandhi Jayanti	02/10/2016	02/10/2016	114
Kargil Vijay Diwas	16/07/2016	16/07/2016	42
No file uploaded.			

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

1. Plantation in the campus
2. Essay Competition on Environment Awareness
3. Limited use of Plastic
4. Eco Club
5. Solid waste collection pit

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

I. Introduction of Skill Based Courses Objective - Vision and mission of our Prime minister to make the youth capable of self employability and strengthen the nation under the theme 'Skill India', the institute has also become a pioneer by introducing skill based courses at UG level. Context - After successfully introducing and running the honours and choice based system, the institute has again made a milestone by introducing Skill based course at undergraduate level. The institute has got an opportunity to be the first to introduce this system in this whole region. Ten different courses were started by different departments. As per the recommendations made by IQAC this course was to be introduced in sixth semester and the same was proposed by Academic council and finally approved by the Governing body. The students were 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 were given as per the merit and preference of choice given by the student. Maximum numbers of seats in any course were fixed to be 50. The main aim was to provide a broad freedom to choose the course. The students were evaluated by the same examination pattern with different marking system by giving more emphasis on hands on practicals / presentations/ assignments like the other subjects. Demonstrations through power point presentations, field trials, trainings and actual working were designed as per the requirements of different courses. Sufficient funds were provided to meet the expenses in running the courses to each department. The complete involvement of the students confers confidence on them to start their own earning. Evidence of success -Diversity of students in any course reflects the choice and freedom of the students as they desire. Their true choice encourages them to work with enthusiasm which has been proven by their 100 performance in examination. Problems encountered resources required - Climatic variation in some field trainings, lack of separate laboratories were the challenges faced. Proper counseling for students about the actual facts, syllabus and scope were also some challenges in case of a few students. II. Evaluation of answer books through Central valuation system to maintain excellence in Examination procedure. Objective - As the semester program is a time bound program, it was a challenge to complete all the works like examination, making and display of results are to be performed within time schedule. Hence a practice of Central valuation was proposed. Context - To speed up the process of proper valuation of answer books, Central valuation system as proposed by IQAC, recommended by Academic council and finally approved by Governing body has been adopted. To manage the entire central valuation system a specific committee is constituted by management that comprises a senior professor assisted by two faculty members and two non-teaching staff. The committee has to perform entire valuations within a stipulated period by well coordination of entire concerned members and well support of listed / recognizes examiners maintaining top confidential sense. The answer books are coded to maintain highest confidentiality. The entire process of central valuation supervised by examination controller and autonomy affairs under patronage of the Principal. Practice - A spacious,

highly protected area with proper aeration facilities is allotted for the complete activity. The answer books are attributed a certain code which is highly confidential. All recognizes professors are nominated for paper setting. After the commencement of exams in absence of setters the valuers as per listed by the university are called upon through proper procedure who evaluate the answer books and submit the marks foil and counterfoils. The evaluators are paid remuneration accordingly at the centre itself. Simultaneously answer books all of subjects are evaluated parallely. Evidence of success - The process adopted has fastened the evaluation and result declaration which otherwise was time taking. Problems encountered and resources required - The valuation process becomes a tedious job during the evaluation of even semester due to the hot summer and elevated temperature of the entire region so the examiners coming from nearby colleges face difficulty in travelling. The centre finds difficulty in paying Travel allowance to the valuers due to limited fund. The institute is planning to arrange for a central examination hall with proper cooling facilities to meet the above challenge.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.sciencecollegebilaspur.ac.in/igac.html>

7.3 – Institutional Distinctiveness

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

Institutional distinctiveness - • Introduction of the skill based courses from sixth semester based on choice of students out of ten different choices and on the basis of merit. Admission to be given as per the selection system adopted by the institute. • Honors system, choice based course / an elective paper (as generic choice) innovative pattern of assignment / field project task under internal assessment system and question paper pattern comprising objective type, short answer type and descriptive type questions unit wise per paper are being successfully run • Innovative practices of pedagogy have been implemented applying electronic tools and teaching through smart boards, • Central valuation system in semester end examination especially for undergraduate program has been adopted.

Provide the weblink of the institution

<http://www.sciencecollegebilaspur.ac.in/vision-mission.html>

8.Future Plans of Actions for Next Academic Year

The institute plans to perform the following action under academic /examination reform, infrastructural and other developmental initiatives - 1. Efforts for collaboration and extension activities 2. Promotion of Inter disciplinary projects and research. 3. Construction of 100 seated girls' hostel and renovation of boy's hostel. 4. Establishment of more smart classes. 5. Beautification of main college campus and boys hostel campus. 6. Establishment of Central laboratory and renovation of science laboratories so as to upgrade research facilities. 7. Up-gradation and new designing of college website. 8. To practice rain water harvesting system in main administrative building of the college.