



## Yearly Status Report - 2015-2016

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		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

<b>2. Institutional Status</b>					
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. D. K. Shrivastava		
Phone no/Alternate Phone no.			07752246430		
Mobile no.			9893079823		
Registered Email			iqacgerrpgsc@gmail.com		
Alternate Email			dksbotany@gmail.com		
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)			<a href="http://www.sciencecollegebilaspur.ac.in/iqac.html">http://www.sciencecollegebilaspur.ac.in/iqac.html</a>		
<b>4. Whether Academic Calendar prepared during the year</b>			Yes		
if yes,whether it is uploaded in the institutional website: Weblink :			<a href="http://www.sciencecollegebilaspur.ac.in/calender.html">http://www.sciencecollegebilaspur.ac.in/calender.html</a>		
<b>5. Accrediation Details</b>					
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
<b>6. Date of Establishment of IQAC</b>			11-Dec-2012		
<b>7. Internal Quality Assurance System</b>					
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
Training for entry of college & student data using SLCM software	14-Sep-2015 02	68
New education policy consultation program	24-Sep-2015 1	174
Workshop on academic and examination reforms for quality education	30-Jan-2016 1	95
Students feed program	23-Jun-2016 1	62
<a href="#">View File</a>		

**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
<b>No Data Entered/Not Applicable!!!</b>				
<a href="#">View File</a>				

**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)**

- To start project work in M.Sc Program
- Implementation of Academic audit system
- Introduction of Honours course
- Implementation of Choice based course
- To start the central valuation system

[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	Achievements/Outcomes
<ul style="list-style-type: none"> <li>• Introduction of Honours course</li> <li>• Implementation of Choice based course</li> <li>• To start the central valuation system</li> <li>• Formulation of Pattern of Question Paper</li> </ul>	Honours course have been successfully introduced in six departments in UG program. Choice based course has been successfully implemented in UG.
<a href="#">View File</a>	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Governing Body	24-May-2017

**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

2016

Date of Submission

05-Feb-2016

**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 are planned and 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 affair cell and also progress report is submitted to the government by the principal for the compliance of various decisions taken by the government in favour of the students.

## Part B

### 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
<b>No Data Entered/Not Applicable !!!</b>			

[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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

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
BSc	B.Sc Bio and BSc Math	15/07/2015

## 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
<b>No Data Entered/Not Applicable !!!</b>		
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	20
MSc	Physics	35
BCA	BCA	19
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
Feedback from all stakeholders including regular students, Alumni, teachers and parents are taken at the end of the academic session. The feedback from all

stakeholders collected by the feedback committee are submitted to IQAC where it has been analyzed thoroughly and suggestions gathered from the stakeholders are recommended to the college administration for incorporation / implementation in the working policy of the Institution. Written feedback have been collected on various aspects of the College including teaching, learning, infrastructure, future plans, Library and sports facilities, administration and other curricular and extracurricular activities. Each activities has been assigned Weightage, on the basis of which it is evaluated to take remedial action. Feedback has also been collected from parents during parent's teacher meeting and from Alumni in meetings of Alumni association. 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. Follow-up action regarding implementation of suggestions given by stakeholder is also a regular practice in our Institution. Feedback about the teaching process and explanation by the teacher in their respective classes are also collected for UG and PG classes separately. If there is any chance for improvement then respective teachers are called by the Principal and suggestions are given to them to make them more effective in the class rooms.

## 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
<b>No Data Entered/Not Applicable !!!</b>				
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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2015	1244	404	7	0	19

### 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
26	20	0	12	2	19
<a href="#">View File of ICT Tools and resources</a>					
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: 1. To Increase contact of teachers and students 2. To help students improve their performance 3. To give students equitable service 4. To develop scientific temperament 5. To make ambience

with English language 6. To develop competitive aptitude 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 : a. to be student-centric b. to render equitable service to students of varied academic financial backgrounds

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1648	26	1:63

## 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	26	2	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
<b>No Data Entered/Not Applicable !!!</b>			
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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
74	2691	2.74

## 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	Programme	Programme	Number of	Number of	Pass Percentage
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Code	Name	Specialization	students appeared in the final year examination	students passed in final year examination	
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

## 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
<b>No Data Entered/Not Applicable !!!</b>				
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
Minor Projects	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
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### 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
<b>No Data Entered/Not Applicable !!!</b>		
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
<b>No Data Entered/Not Applicable !!!</b>				
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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
<b>No Data Entered/Not Applicable !!!</b>					
<b>No file uploaded.</b>					

### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
<b>Botany</b>	<b>1</b>

#### 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)
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

#### 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
<b>Nil</b>	<b>0</b>
<b>No file uploaded.</b>	

#### 3.4.4 – Patents published/awarded during the year

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

#### 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
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

#### 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
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
<b>Attended/Seminars/Workshops</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>0</b>
<b>Presented</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>3</b>

papers				
Resource persons	0	1	2	0
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)
Nil	Nil	Nil	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
Nil	Nil	Nil	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
Swachcha Bharat Abhiyan	NSS, NCC	8	452
Voter Awareness	NSS, SVEEP	3	232
ONE DAY CAMP bAHTRAI	nss	2	56
World Aids Day	NCC, YRC	3	44
Tobacco Ban Day	NCC, YRC	3	58
World Diabetes DAY	NCC, YRC	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
Nil	Nil	Nil	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	NSS	Cleaning, Street Play,	3	55

		Rangoli Competition		
Aids Awareness	NCC, YRC	Talk, Rally	2	53
Gender Sensitisation	women Grievance Cell	Workshop	4	69
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### 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
Nil	Nil	Nil	0
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 Work	Barkatullah University, Bhopal, BHU Varanasi, Agriculture University Ranchi, SS College Nagpur, IGNTU Amarkantak, Govt. VYT PG. College Durg, Bhilai mahila mahavidyalay, Bhilai, Bilaspur University Bilaspur, Govt. Pt. Nagarjuna PG. Science College Ra	15/01/2016	15/03/2016	20
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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
Govt. V.Y.T. PG.	03/04/2015	Mutual sharing of	2

Autonomous college Durg		Academic Potentiality	
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
213.1	210

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
<a href="#">View File</a>	

### 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
INFLIBNET	Partially	SOUL	2014

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

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 Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	94	63	0	0	5	6	16	5	2
Added	8	2	0	0	2	1	2	5	1
Total	102	65	0	0	7	7	18	10	3

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

5 MBPS/ GBPS
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#### 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
<b>No Data Entered/Not Applicable !!!</b>	

#### 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
500000	520800	1400000	1310000

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

## 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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

#### 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 implementation	Number of students enrolled	Agencies involved
<b>No Data Entered/Not Applicable !!!</b>			
<b>No file uploaded.</b>			

#### 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
2015	Counselling and placement cell	412	576	0	0
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#### 5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	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	0	0		0	0
<b>No file uploaded.</b>					

#### 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
<b>No Data Entered/Not Applicable !!!</b>					

[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
No file uploaded.	

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 !!!		
<a href="#">View File</a>		

### 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
2015	Nil	National	0	0	0	Nil
2016	Nil	National	0	0	0	0
2015	Nil	International	0	0	0	0
2016	0	International	0	0	0	0
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

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 through direct election/as per guidelines provided by the department of Higher Education, Government of Chhattisgarh under the recommendation of Higher education of India / Lyngdoh Committee. 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 engages 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 arrangement for the implementation of the program like debate, quiz competition, model exhibition etc. 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) :

10123

5.4.4 – Meetings/activities organized by Alumni Association :

03

### 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)

In the beginning of the session various committees and subcommittees involving faculty members, staffs and representative of students were constituted by the management and implemented by the principal that are functioning 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	<p>For the development of curriculum, subject-wise BOS are constituted by the college as per the guidelines of UGC. 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 are reviewed annually at each academic session and courses are updated/ ammended to incorporate the required changes. Thereafter it is passed by Academic Council and finally approved by the Governing body of the college.</p> <p>During the session of 2015-16, the college has introduced Honours course with choice based courses and 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.</p>
Teaching and Learning	<p>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. However, daily progress was also maintained in the form of teaching daily diary and verified by the head of the department and then by the Principal at the end of every month. The teaching process adopted comprised of Class Room Learning, Power Point Presentation, Assignments, Seminars, Web based resources Guest lectures and Visit to different laboratories. 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 detailed notes/ reports on their seminar/</p>

project topics and discuss their seminar topics/ project reports through power point presentation under the supervision of faculty members. The academic practices Also include workshops, group discussions, field study, participation in quiz, Poster and Model Presentation, participation in extension activities, etc. The English Language Lab of the college helps to build and enhance the communication/writing skills of the students who come 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. Different departments have their own departmental libraries with good collection of reference books for PG students.

Examination and Evaluation

Our college has a well organized Autonomous Examination Cell who conducted all examinations under semester system. Internal assessment and external evaluation system for both UG as well as PG classes was also done. Modified question pattern comprising objective type, short answer type and descriptive type questions unit wise per paper was also followed. 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. Centralized valuation system as proposed by IQAC and passed by AC and Governing body also came into existence Details of various courses, syllabus, and examination pattern and examination process along with promotion rules are being provided to the students at the time of admission through admission brochure. 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

Faculty members are motivated for research activities like publication of research papers and participation in research seminars. Faculties are also

	being encouraged to act as Ph. D. supervisors.
Library, ICT and Physical Infrastructure / Instrumentation	<p>Boy's hostel has been renovated and white wash and other minor repairs are being done time to time. Sanction procedure for 100 seated girl's hostel is also in way of progress. The college Library is well equipped and automated with INFLIBNET and internet facilities. Space for reading is also being provided to the students. All postgraduate departments have their own departmental libraries for PG and Honours students. Laboratory for computer science and information technology has been established to facilitate the students to perform the practical work. Central laboratory is being arranged to carry out specialized practical exercises of postgraduate classes/ collaborative work.</p>
Human Resource Management	The faculty members are motivated and facilitated 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 of postgraduate and honours courses visited the local industries to 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 decisions notified by parent university are being followed time to time All the orders issued by Higher education 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
Administration	For administrative purpose e- facility is used extensively, 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
2015	Nil	Nil	Nil	0
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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)
No Data Entered/Not Applicable !!!						
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

0	0	0	0
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### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>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            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</p>	<p>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            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</p>	<p>Scholarship, ekikrit,            merit cum, divyang, ,            revaluation system, books            for SC ST</p>

### 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 financing/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
Nil	0	Nil
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6.4.3 – Total corpus fund generated

0
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### 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	No		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 of academic performance 2. student facilities and motivation 3. Career Guidance
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6.5.3 – Development programmes for support staff (at least three)

Family Gathering, Orientation, Health Checkups
--

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

1. implementation of semester system 2. to start the Choice based course 3. to start Hons Course
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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 !!!					
<a href="#">View File</a>					

## 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	Period from	Period To	Number of Participants
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programme				
			Female	Male
Heath Checkup of Girls Student	17/09/2015	17/09/2015	41	0
IMPORTANCE OF PERSONAL HYIGEIN	10/02/2016	10/02/2016	62	24

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
In the institution we have installed solar panel, by which 1KW Energy is being produced. additionally we have a pit for solid waste.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	2
Scribes for examination	Yes	0
Physical facilities	Yes	2

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
<b>No Data Entered/Not Applicable !!!</b>							
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Teaching Staff	01/07/2015	Code of conduct of the Govt. of C.G. is applicable in the institution. however the Governing body Formalise a general set of instruction. and instruction formulated in previous year was continued in the session.
Non teaching staff	01/07/2015	Code of conduct of the Govt. of C.G. is applicable in the institution. however the Governing body Formalise a general set of instruction. and instruction formulated in previous year was

		continued in the session.
Student	01/07/2015	Code of conduct of the Govt. of C.G. is applicable in the institution. however the Governing body Formalise a general set of instruction. and instruction formulated in previous year was continued in the session.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Teacher's Day	05/09/2015	05/09/2015	125
Hindi Divas	14/09/2015	14/09/2015	35
Mahatma Gandhi Jayanti	02/10/2015	02/10/2015	142
National Voters Day	25/01/2016	25/01/2016	84
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Plantation
2. Competition (Quiz, Debate Essay ) on environment
3. Environmental study papert at first year
4. Eco club organization
5. Highlighting the menace of plastic use

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

I. Population control awareness program Objective - Global issue of population burst is a threat these days to the human kind. So as a little contribution at the part of the institute, The NSS wing has arranged Population control awareness program at the village Bahtarai, 5km. away from the institute. Context - A one day visit was planned to pay a visit to village Bahatari which is about 5 Km. from the college. The boys and girls unit of NSS under the guidance of program officer chalked out the program according to the theme. Practice - The schedule included a rally which walked through the different areas in the village with appropriate banners, posters and slogans. Nukkad Natak was also played by the students which transmitted the challenges, problems faced in implementation of the benefits of the govt. plans and facilities, after effects of the population burst among the local people. Global scenario of population index and India's position, threat to food, water and shelter was also explained in simple words. Students also delivered speech which created awareness among the people and explained them the benefits of small families with good educational and living status and social status. Evidence of success - The villagers took keen interest and understood the importance of population control which could help their social well being. Few villagers also expressed their view for the drawbacks of increased population. Problems encountered resources required - At the start of the program the people especially the ladies were reluctant to participate in the program. Old myth for more children more earning was difficult to break. But through proper discussions they started showing interest in hearing the talks. Support from Govt. health authorities would have helped in a better way. II. Introduction of Honors course at UG level Objective - In view to upgrade the teaching pattern and make the students capable of competing with other Universities/ Institutes

of national repute and on inclination among the students towards subjects, Honors system has been introduced for the first time in this university and zone as well. Context - The course structure in Honors, Pass Elective subjects for UG program which has been designed and approved by Board of studies and finally by Academic council has been adopted from this session 2015-16. Honors course has been started in 06 departments. The papers were designed by different departments by keeping into mind the innovation, application and their scope in future. Radical changes also have been made in teaching pedagogy by use of ICT and other tools in addition to the conventional teaching methods. Maxium 30 seats have been allotted in each subject which are filled on the basis of merit and reservation rules as per Govt. of Chhattisgarh. Student should not have any back in the subject in which he/she is willing to apply for. Practice - Students are involved in departmental activities like class seminars, power point presentations, field work, field visits, industry exposure and maintenance of botanical garden etc. as per the subject requirement. The students are facilitated with departmental libraries and other facilities like the postgraduate students. The aim of such practices is to create and increase academic ambience, to develop the personalities of the students. The student centered strategies exercises will be helpful to the students to acquire hand on learning and first hand information from real life and to learn difficulties faced at ground level. Field visits, report making, analysis of data will also be helpful in creating research aptitude among the students from the very basic education level. Evidence of success - The sustained efforts taken by the teachers in arranging, managing various activities have proved for the successful running of the courses which reflects from the result, increased awareness, inclination among the students. Problems encountered Resources required Problems encountered resources required - As per the advancement in subjects is concerned there is a need of a central library with sophisticated instruments, latest educational software, advanced library facilities, smart boards have to be arranged. MoUs from local industries have to be taken for exposure towards industry.

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 Honors courses from third semester based on choice of students out of three course combination. Enrollment in honors courses in limited seats based on selection system department wise as per defied criteria. • Adoption of choice based course / an elective paper (as generic choice) for one semester, 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. • Innovative practices of pedagogy have been implemented applying electronic tools. • 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. Implementation of the Choice based /elective and skill based courses 2. Efforts for

collaboration and extension activities 3. Promotion of Inter disciplinary projects and research. 4. Construction of 100 seated girls' hostel and renovation of boy's hostel. 5. Establishment of more smart classes. 6. Beautification of main college campus, boys' hostel and girls' hostel campus. 7. Establishment of Central laboratory and renovation of science laboratories. 8. Up-gradation and new designing of college website. 9. Installation of rain water harvesting system in main administrative building of the college.