



# **SELF STUDY REPORT**

**FOR**

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

**DR.JWALA PRASAD MISHRA GOVT.SCIENCE  
COLLEGE MUNGELI**

**NAWAGARH ROAD DULHINBAY MUNGELI  
495334**

**[www.jpmsgcm.in](http://www.jpmsgcm.in)**

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**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

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# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Govt. Science College Mungeli was established in November 1989 with a well-defined motive “**VISHWAKALYANAY VIGYANAM**”.

The motto “**VISHVAKALYANAYA VIGYANAM**” leads to instill the blessings of Science in the students of Mungeli. The quote signifies how we can use science in its fullest form for the welfare of the whole world.

The college secured the status of 2(f) and 12(B) under the act of UGC act by letter no 2 (f) Colleges / 92 dt.-24.09.1992.

The college is affiliated to Atal Bihari Vajpai Vishwavidyalaya, Bilaspur C.G.

Govt. Science College, Mungeli started with 09 students and now has more than 700 students admitted in different courses.

In the year 2003, the government of Chhattisgarh changed the name of the college after the great freedom fighter of Mungeli, ‘Dr. Jwala Prasad Mishra and the college is known as ‘Dr. Jwala Prasad Mishra Govt. Science College’, Mungeli.

The total numbers of teaching posts sanctioned in the college are 13 and 01 post of librarian is also sanctioned. At present six regular assistant professors are working in the college and the remaining seven vacant posts are filled by the guest faculties.

Our college offeres 02 UG programs (BSc bio and maths from beginning and B.C.A. started in 2019-20) and 05 PG programs (M.Sc. Chemistry and Mathematics was started in 2013, M.Sc. Botany, Physics and Zoology in 2016). The college has a government-approved building with classrooms, a separate library and reading room, Computer Laboratory, Science Laboratories, and a playground.

The college has a National Service Scheme (NSS) unit and a Youth Red Cross Society (YRCS).

There are more than 16500 books in our college library. The college also provides an online e-library i.e. INFLIBNET.

Our college faculty uses ICT tools in their teaching to enhance the understanding and learning of students.

The college has completed its 33 years of being a hub of quality education, co-curriculum, etra curriculum activities and constantly moving forward expanding its resources in the right direction to the maximum benefit of the students. In this, Jan Bhagidari Samiti of our college has always extended its full support.

### **Vision**

"To show the path towards the divine blessings “**VISHVAKALYANAYA VIGYANAM**” through the pursuit

of science and instil in the students the values of self-discipline, respectful countenance and a positive attitude, and lead them to a new horizon of knowledge to foster a spirit to make good teachers, good researchers, scientists and technologists to reach the zenith of intellectual achievement and personal growth to the ultimate drive of human society and beyond.”

## **Mission**

- Human welfare should be the ultimate goal of science because, in the end, we will not be the inhabitants of the same world whose actions affect our next generation.
- To provide an opportunity for a qualitative education to the students so that they can play a positive constructive role in an educated society.
- To make aware, the students of the society who are economically and academically backwards, the significance and worth of higher education. To ensure that higher education is available to all, and the backward class of society gets equal opportunity.
- In this scientific age, to inculcate a scientific understanding and to produce skilled personalities in this region to serve mankind.
- Providing an environment to the stakeholders to strengthen self-confidence, feeling of equality and embark an attitude of research where men and women play a vital role in a welfare society filled with knowledge.
- All the activities of the college will be focused on inspiring the students for building a society where the right to equality and dignity of the personality is observed.

The vision of the institution is anticipated by the personalities of the Mungeli region with the “**VISHVAKALYANAYA VIGYANAM**” inscribed in the college logo, displayed in the college prospectus, application forms and other documents, printed and published by the college.

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

### **Institutional Strength**

- Convenient location for the students as per transportation, conveyance environment etc.
- Student-friendly environment as security, no raging issue, girl’s common room facility, etc.
- It has a functional NSS and YRC unit.
- The college has its building and is situated in the district headquarter.
- Progressive enrolment of students increasing year by year.
- Good student-teacher relationship.
- Progressive results of the students in the examination.
- Lead college of district.
- Curricular, co-curricular, and extra-curricular activities.
- CCTV and NLIST in Library.
- Well-equipped laboratories are available in the college.
- ICT-enabled teaching-learning facilities.
- Adequate Infrastructure facilities.
- First aid box is available in the college.

- Complaint box is available for students.

### **Institutional Weakness**

- Insufficient office staff.
- Inadequate non-teaching staff including sports officer.
- Insufficient classrooms.
- Lack of boundary wall.
- Weak economic background of students.
- Lack of English communication.
- Lack Industry – Institute interaction.
- Lack of hostel for students.

### **Institutional Opportunity**

- Sufficient College campus area.
- Maximum opportunity for extension activities.
- The staff members and faculty members with their various connections possess the potential to provide many opportunities for academic and other collaborations and partnerships for the institute as well as themselves.
- Being of Science College with Post graduate courses a benefit to the students to interact only with the science students and get an opportunity to grow a scientific attitude.
- Staff members are provided opportunities to participate in seminars/workshops/ conferences/refresher courses/ orientation courses.
- Opportunity to the students in the preparation of competitive examinations including NET/SLET

### **Institutional Challenge**

- Green campus development due to lack of security from animals.
- Old curriculum.
- Weak socio-economic background and poor language proficiency of students.
- Lack of industry in the region that's why to strengthen Industry-Institute Interaction is too difficult.
- Appointment of faculty in newly granted programmes is too delayed.
- Delay in sanctioning and appointing of administrative posts by the government is another problem.
- Another challenge before the institution is the poor socio-economic status of many of the students which influence academic performance of the students.
- Inadequacy of time to offer and run new certificate programmes due to lack of resources.
- The full potential of Alumni is yet to be tapped.
- The students coming from rural areas lack proper communication skills.

## **1.3 CRITERIA WISE SUMMARY**

## **Curricular Aspects**

The institute is affiliated to Atal Bihari Vajpai Vishwavidyalay Bilaspur, hence we strictly follow all the rules regulations, academic calendar provided by the Department of Higher Education, Govt. of Chhattisgarh and the university. All the teachers deliver lectures as per the time table and complete the syllabus within the stipulated time. Apart from the final examination conducted by the university, the college also conducts internal exams like class test, mid-term (Pre Final/half yearly) exams and pre university examination time to time. The results of these exams are displayed on the notice board and discussed by the concerned teachers with the students. Special attention is given to the students who are slow learners. The administration takes necessary action against those students who are irregular in attending lecture sessions as well as lab sessions. The attendance register and teaching diary of the teachers are regularly examined by the Principal. The college administration does its best to start new programmes so that the people from local community may avail the benefit of this. The institution has also introduced feedback system and we analyze the questionnaire. Problems deduced from the feedback are analysed and steps are taken to resolve them. Suggestion given by the stackholders are also taken into consideration while coming to decisions.

## **Teaching-learning and Evaluation**

The most important quality in the teaching-learning process & evaluation of our institute is the ability of our teachers to create enthusiasm, ignite passion and generate curiosity among the students. This has been done very effectively and efficiently by teachers of our institute. The criteria teaching-learning, and evaluation is divided into sub-criteria and each criterion is executed in its fullest form to achieve the desired results.

For slow learners individual academic counseling is done, a student helpdesk is prepared and student study groups are formed for peer-to-peer learning. In order to expose students and faculty to advance levels of knowledge and skills, our institution took initiative like seminars to update knowledge. Sports, NSS, Red Cross Society is also encouraged to inculcate a sense of responsibility towards society.

Smart classroom setups have already been installed at our institution. The study has been carried out successfully. The faculty members are effectively utilizing Audio-Visual aids to demonstrate the concepts to the students.

The periodic instructions issued by the university are promptly communicated to the students and transparency is maintained at all levels. A transparent, time-bound, and efficient process is adopted to resolve the grievance of students in internal/external examination.

The subject teachers communicate the students about the course outcome and program outcome at the beginning of the session. Course outcomes are mentioned in the printed syllabus and also uploaded on the college website.

The Institute monitors and ensures the achievement of learning outcomes is displayed on the website through the recommendation of the Programme Committee from time to time.

Above is a brief description of teaching learning & evaluation process carried out effectively by competent teachers of our institute.

## **Research, Innovations and Extension**

Research and development are the major concern of higher education, research committee of our institute promotes faculties and students for research. The College has research infrastructure like departmental library with the facility of N-LIST, internet, laboratory facilities and apparatus for research. Out of 8, 3 teachers and Principal are Ph.D. holders. , one teacher of the faculty and Principal act as Research supervisor of affiliating university. Each PG department has Computer with Internet. Three faculties are holding M.Phil. degree are doing Ph.D., participating in workshop, and short time courses. They are presenting research papers in international and national seminars and conferences and organizing seminars (state and National level). Total no. of Publications are near about 45, many book chapters written by faculty with ISBN no. books.

YRC and NSS In-charge conduct and promote students for various social activities like blood donation, health checkup and educates others for swachhh environment, water conservation, and plantation and save girl child etc. Various extension and outreach programs are organized by NSS AND YRC.

Our college collaborates with different bodies like CGCOST, Raipur, PSSOU Bilaspur, district hospital and nirvachan karyalay.

## **Infrastructure and Learning Resources**

Institute makes policy for enhancement of infrastructure to facilitate effective teaching and learning. We have ten classrooms, out of ten four classrooms are enabled with IT facility, six UG/PG laboratories for different subjects, two computer labs along with computer department. There is one Library with reading room. Our college library provides facility of e- books and journals and NList. In our institute we have separate rooms for Principal chamber, office staff, sports, and NSS. A portion of the college building is covered with different types of trees. We have one conference room with IT facility, College building and campus is surrounded by surveillance CCTV camera

Special facilities are made available in the campus to promote interest in sports and cultural events. Sports events are organized by the Sports Department. Outdoor and indoor sports facility is available in the campus.

- Indoor games – chess & carom outdoor sports- athletics, badminton, cricket etc.
- Various Inter College Competitions and District Level Competitions organized in the college ,
- Student participated in various Division and State Level Competitions.
- .Manage hall for yoga day.

Our College organizes social gathering and prize distribution function every year according to govt. academic calendar. College provides Certificates, prizes and medals to winners of the cultural, sports and other cultural and literary competition. For this purpose college used pandal and stage.

- College purchased musical instruments for the NSS unit. This is used during various activities of NSS.

Our institute is governed by the state govt. so Public welfare Department ( PWD) is authorized for maintenance of the infrastructure facilities, Our institute makes policy for the enhancement and maintenance of the infrastructure. For this different Committees are formed by the principal. For the maintenance of

computers internet and wifi networking annual maintenance contract is given to private firms. Need based budget is provided for updating and maintaining the computers.

### **Student Support and Progression**

Students are the backbone of overall development of the college. Similarly the college administration also plays important role in overall development of the students. The students are benefited by various scholarship schemes of state government –i.e. Post Metric Scholarship, BPL Scholarship, NSP Scholarship, Chief Minister Gyan Pratsahan Yojna, Kshitij Apar Sambhavnaye (for Dibyangs), Labour Welfare Scheme by Social Welfare Department, Naunihal Scholarship (for children) and Minority Scholarship Scheme . Apart from these the students are also benefited by health check-up camps conducted by college under Health and Hygiene Program.

Various cultural, literary and physical activities are organized by the college for the mental and physical development of the students.

Post Graduate programs in 05 subjects (Mathematics, Physics, Chemistry, Zoology and Botany) are running by the college. Hence the UG students get opportunity to enroll themselves in PG programs.

Most of the students get opportunity to participate in various university, state and national level literary and cultural activities. The college also organizes career counseling programs for the benefit of students.

The employment rate of the college is very high as many students of the college have succeeded in various competitive exams and have been able to get job in both public and private sectors.

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

To bring the college at the peak of education by providing students a value based education to improve and make them a skilled personality.

The institution is the lead college of the district so the mission is to provide the institute an environment of teaching and learning.

Ever since the beginning of the college, the administration is carried effectively through a decentralized mechanism. This inclusive and participatory approach promotes an environment of solidarity and mutual respect which ensures the smooth functioning and growth of the institution.

The College has a well-functioning mechanism for mobilization of funds and optimum utilization of resources. The various committees constituted by the Principal have the responsibility for assessing, planning, implementing, and supervising the fundraising activities of the college.

IQAC Committee, NAAC Steering Committee, Exam Cell, Exam Cell, NSS Cell, Anti-Ragging Committee these various cells and committees are operational in the institution to implement various activities which are part of the strategic plan.

The Principal conducts regular meetings with the departmental heads, conveners of different committees, and student councils to discuss the policies and plans and their ways of implementation. The institution adopts

various modes to monitor and evaluate different policies and plans for effective implementation and improvement regularly. For the continuous improvement in various fields manual and online feedbacks are taken regularly from all the stakeholders. The Internal Quality Assurance Cell (IQAC) is established in the institution to maintain and enhance the quality of education.

The welfare measures for the teaching and non-teaching staff are decided by the Government followed by the UGC Norms. These measures are governed by the regulations and policies of the State Government and it is modified from time to time.

The college facilitates the professional growth and enrichment of the staff by implementing an effective Performance Appraisal System.

In the financial matter, the college is subservient to the rules of the government. The institution conducts both internal and external audits regularly.

Above is a brief description of the Governance, Leadership, and Management of the college.

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

The institution gives prime importance to the safety and security of the students. All the students are allotted ID cards; the college campus is under CCTV surveillance. According to UGC guidelines “Women anti-Harassment Cell” has been formed in the college to resolve all issues and complaints related to women. We also celebrate days like International Women’s Day every year.

All the necessary facilities are being provided to the differently-abled students and staff.

Our college is using energy-efficient electronic gadgets like LED bulbs, LCD screens, computers, laptops, and overhead projectors, etc. to save electricity.

The cleanliness awareness week has been conducted not only in the college campus but also outside the college campus like bus stand mungeli, and nearby village and message is delivered regarding clean/pollution-free environment.

Our college premise is plastic/polythene-free and no smoking zone. Staff and students are encouraged to come to college by bicycle, public transport, and if the distance is far then they are encouraged to resort to car-pool or bike-pool.

Our college organizes various activities to sensitize students and employees about the constitutional obligations, Values, Rights, Duties, and responsibilities of a citizen of India. Constitution Day is celebrated on 26th November every year.

As our college is Science College we organize some scientific activities. We celebrate National Mathematics Day on 22nd December and Science Day on 28th February.

Our college is dedicated to promote ethics and values amongst students and faculty, for this we organize National festivals and birth/death anniversaries of the great Indian personalities. We also organize various literary, cultural programs and competitions for students on these special occasions.



We have adopted some of our activities such as “Use of ICT in Academy and administration.” and “Awareness about Health and Hygiene” as the best practices of our institution.

NAAC

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	DR.JWALA PRASAD MISHRA GOVT.SCIENCE COLLEGE MUNGELI
Address	Nawagarh Road Dulhinbay Mungeli
City	MUNGELI
State	Chhattisgarh
Pin	495334
Website	<a href="http://www.jpmsgcm.in">www.jpmsgcm.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Chinmoyee Rani Das	07755-264152	9826785489	07755-264152	jpmcollege370@gmail.com
IQAC / CIQA coordinator	Dildar Singh Tandon	07755-264151	9827462154	07755-264153	dildartandon1983@gmail.com

Status of the Institution	
Institution Status	Government

Type of Institution	
By Gender	Co-education
By Shift	Day

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	25-11-1986

<b>University to which the college is affiliated/ or which governs the college (if it is a constituent college)</b>				
<b>State</b>	<b>University name</b>		<b>Document</b>	
Chhattisgarh	Atal Bihari Vajpayee Vishwavidyalaya		<a href="#">View Document</a>	
<b>Details of UGC recognition</b>				
<b>Under Section</b>	<b>Date</b>		<b>View Document</b>	
2f of UGC	10-09-1992		<a href="#">View Document</a>	
12B of UGC	10-09-1992		<a href="#">View Document</a>	
<b>Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)</b>				
<b>Statutory Regulatory Authority</b>	<b>Recognition/Approval details Institution/Department programme</b>	<b>Day,Month and year(dd-mm-yyyy)</b>	<b>Validity in months</b>	<b>Remarks</b>
No contents				

<b>Details of autonomy</b>	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

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

<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	Nawagarh Road Dulhinbay Mungeli	Rural	8	1813.34

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BCA,Computer Application	36	Higher Secondary School Certificate	English + Hindi	50	33
UG	BSc,Science	36	Higher Secondary School Certificate	English + Hindi	160	154
PG	MSc,Botany	24	B.Sc Bio	English + Hindi	25	23
PG	MSc,Chemistry	24	B.Sc Bio or Math	English + Hindi	25	25
PG	MSc,Mathematics	24	B.Sc Math	English + Hindi	25	18
PG	MSc,Physics	24	B.Sc Math	English + Hindi	25	24
PG	MSc,Zoology	24	B.Sc Bio	English + Hindi	25	25

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

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	4				0				10			
Recruited	0	0	0	0	0	0	0	0	5	2	0	7
Yet to Recruit	4				0				3			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				22
Recruited	8	1	0	9
Yet to Recruit				13
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

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

**Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	1	2	0	3
M.Phil.	0	0	0	0	0	0	3	0	0	3
PG	0	0	0	0	0	0	1	0	0	1

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

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

<b>Details of Visting/Guest Faculties</b>				
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
		5	2	0

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
PG	Male	114	0	0	0	114
	Female	86	0	0	0	86
	Others	0	0	0	0	0
UG	Male	216	0	0	0	216
	Female	173	0	0	0	173
	Others	0	0	0	0	0

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

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	117	85	75	61
	Female	81	71	71	65
	Others	0	0	0	0
ST	Male	15	20	20	16
	Female	20	22	14	16
	Others	0	0	0	0
OBC	Male	166	110	108	87
	Female	127	115	87	93
	Others	0	0	0	0
General	Male	33	23	14	15
	Female	30	34	27	19
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		589	480	416	372



## Extended Profile

### 1 Program

#### 1.1

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

2019-20	2018-19	2017-18	2016-17	2015-16
151	142	142	113	68
File Description		Document		
Institutional data prescribed format		<a href="#">View Document</a>		

#### 1.2

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
7	6	6	6	3

### 2 Students

#### 2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
589	480	416	372	332
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 2.2

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

2019-20	2018-19	2017-18	2016-17	2015-16
387	324	314	259	206

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

### 2.3

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

2019-20	2018-19	2017-18	2016-17	2015-16
184	171	157	102	97

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

## 3 Teachers

### 3.1

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

2019-20	2018-19	2017-18	2016-17	2015-16
7	7	7	5	5

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

### 3.2

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

2019-20	2018-19	2017-18	2016-17	2015-16
14	13	13	9	9

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

## 4 Institution

### 4.1

#### Total number of classrooms and seminar halls

**Response: 11**

**4.2**

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

2019-20	2018-19	2017-18	2016-17	2015-16
85.54338	10.91610	133.14896	18.04078	47.36809

**4.3**

**Number of Computers**

**Response: 30**

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## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

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

##### Response:

The session usually commences in the month of July every year. It starts with an orientation program for newcomers so that they may get introduced to the institute and with its mission and vision. After that, they are also familiarized with their course curriculum, university enrollment, examination procedures, and academic calendar with the code of conduct of the college.

Finally, the college enlightens them with the outcomes and the achievements of the previous students and faculty members and motivate them to fulfill what the college and society expects from them too. The teachers plan and execute activities and keep track of the same in their daily diary as per the college calendar designed by the affiliated university i.e. Atal Bihari Vajpayee Vishwavidyalaya Bilaspur (C.G.)

The daily diary is cross-checked by the authority at regular intervals to keep an eye on the execution of the duties. Frequent meetings are held by the Principal and Head of the Departments on the curriculum delivery.

The ICT helps in keeping the students updated with the curriculum and enriches the teaching-learning processes. Apart from the conventional chalk and talk method, the curriculum is delivered with the help of classroom seminars, projects, field projects, educational tours, and conducting lectures.

For the effective implementation of the curriculum joint efforts are made by all the faculty members, the head of the institute, and the students. Some examples are as follows:-

- A consolidated timetable including all subjects is framed by the timetable committee and displayed on the notice board of the college, departments and it is also uploaded on the college website.
- Regular meetings are taken by various committees to distribute the academic and extra-curricular activities.
- Teachers visit the library and use the internet regularly.
- Unit tests and other examinations are conducted strictly as per the academic calendar.
- Taking extra classes for advanced learners.
- Giving extra attention to the slow learners.

For the assessment of students' performance, unit test and mid-term examinations are conducted, monitored and necessary steps are taken to improve their performance. To appear in the examinations is compulsory for all students. Wherever necessary our college makes provisions for extra classes, tutorials, and remedial classes.

Apart from the academic, Yoga classes are scheduled for the mental peace of the students by the trained teacher. Also, an NSS Camp of seven days is scheduled every year to make them aware of their social

responsibilities. NSS activities include blood donation, tree plantation, Swachha Bharat Abhiyan, etc.

Seminars and lectures are also conducted related to competitive examinations so that the students can get help to qualify for such kinds of examinations.

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

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

#### Response:

The institute is affiliated to Atal Bihari Vajpai Vishwavidyalay Bilaspur C.G., and its curriculum is designed by board of studies of the university. Syllabus implemented in our institution was also approved by the coordination committee of the Higher Education Department Chhattisgarh. Our institute uses different teaching aids such as chalk-duster, white board and projectors and methods like seminars, workshops and group discussions to improve student's command over the subjects.

Our college has implemented the curriculum effectively and it follows academic calendar and all guidelines that are recommended by Atal Bihari Vajpai Vishwavidyalay Bilaspur C.G. The Action plan taken into consideration is implemented through staff council and other bodies of the institution. For this head of the institution calls meeting of all faculty members, and instructs the head of the department to prepare a teaching/action plan keeping in views, the aspirations of the students and guidelines provided by the government. For this an action plan/teaching plan is prepared not only department wise but also a consolidated plan is prepared for better governance. Head of the departments, conveners and member of the various committees monitor and assist for the execution of the academic calendar and action/teaching plan. All the faculty members maintain attendance registers, daily dairies to keep records of classrooms activities and various practicals.

Faculty members use learning aids and innovative ideas to improve the knowledge of Students. Unit tests, sessional exams are conducted and assignments are given to the students by the faculty members. These activities are done as a part of the academic calendar for improve the quality of student's knowledge and to assess their level of examination preparation.

IQAC cell monitores and evaluates the quality of education through the Feedback collected from the students. Faculty members are encouraged to participate in academic advancement programs. The faculty members are encouraged to attend Refresher Courses and Orientation Courses, Workshops, Seminars, Conferences and various activities of skill development to improve teaching practices, lecture workshop related to ICT are organized by the institute from time to time.

Teachers and students are benefited by well-equipped computer lab; round the clock internet. Well-

equipped laboratories with modern facilities are available in our college.

Seminars, Debates, Workshops and quiz contests are organized regularly. Our institutional library has rich collection of good subject related books, magazines, e-resources. It is connected with N-LIST.

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

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

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

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

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View Document</a>

## 1.2 Academic Flexibility

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

**Response:** 0

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

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

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

**Response:** 0

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

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

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

**1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years****Response:** 0**1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

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

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

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

Our institute runs a syllabus-based course “Environmental Studies and Human Rights” at graduation level in the first year degree course, designed by the affiliated university. Our curriculum emphasizes on the environment studies so far as the conservation of natural resources is concerned.

Our institute conducts various activities for the students to make them aware of the environmental issues. Project Works and field survey under the supervision of the faculty members are also done for the same purpose.

Our institute conducts various other activities related to gender issues and human values like Beti-Bachao; Beti-Padhao, Save Girls Child, etc.

Our college conducts Personality Development Programs to promote value-based education and to develop socio-moral values among the students. Our college motivates the students for self-employment.

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

**Response:** 0.41

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

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

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

### 1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

**Response:** 2.89

#### 1.3.3.1 Number of students undertaking project work/field work / internships

Response: 17

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	<a href="#">View Document</a>

## 1.4 Feedback System

**1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni**

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

**1.4.2 Feedback process of the Institution may be classified as follows: Options:**



- 1.Feedback collected, analysed and action taken and feedback available on website**
- 2.Feedback collected, analysed and action has been taken**
- 3.Feedback collected and analysed**
- 4.Feedback collected**
- 5. Feedback not collected**

**Response:** A. Feedback collected, analysed and action taken and feedback available on website

NAAC

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

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

**Response:** 88.98

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

2019-20	2018-19	2017-18	2016-17	2015-16
302	210	199	161	130

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

2019-20	2018-19	2017-18	2016-17	2015-16
335	225	225	210	135

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

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

**Response:** 56.48

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

2019-20	2018-19	2017-18	2016-17	2015-16
211	190	177	149	114

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

## 2.2 Catering to Student Diversity

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

#### Response:

There are slow learners and fast learners in every field of life. Likewise in our institution also we have both kinds of students. Special attention and programs are very helpful to bring slow learners at par with fast learners.

Academically the slow learner (the Weak Students) means those who could not keep pace with the classroom teaching and need extra attention so as to bring those at par with the rest of the students of the class. People use term slow learners to describe a student who has the ability to learn necessary academic skills but at a rate and depth below the average of the same age. Slow learners, despite having much greater amounts of practice and efforts in learning to reach a 100 percent level of recall forget the learned information more rapidly. Nonetheless, if those slower learners employ good strategies like retrieval practice for learning, they can greatly improve their learning and retention.

The slow learners can be helped by teaching them efficient methods of outlining, note-taking, and memorizing.

Following Special activities are conducted from time to time by our institution for slow Learners:

- (i) Individual academic counseling is done by the concerned subject teacher.
- (ii) Student helpdesk.
- (iii) Student study groups are formed for peer-to-peer learning.

Fast learners are identified by their performance in the University Examination of the previous semester and internal examinations.

Guidelines for identifying advanced Learners (bright students):

- Advanced Learners (bright students) are those students who are ahead in learning and they grasp the contents more quickly and don't need extra attention.
- Advanced learners are identified by their performance in university examinations of the previous semester and internal examinations.

Following special activities are conducted from time to time by our institution for Advanced Learners as well:

- i) Guidelines/counseling for career planning.
- ii) Discussion or seminar on the advanced topics.

- iii) We provide Guidelines and encouragement to communicate research papers in conferences/Journals.
- iv) Encourage them to participate in various symposiums like quizzes, poster presentations, Conferences, etc.

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

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

**Response:** 84:1

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

## 2.3 Teaching- Learning Process

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

**Response:**

All possible efforts are made to ensure that learning should be more student centric. In our college students have always been the center of our entire academic and co-academic endeavors. Their energy is channeled in the best possible manner through the career counseling cell etc.

All the departments of the college have their own association. Students of the department have their own council and activity society. Teachers and students organizes quizzes; seminars, project work, group discussion, field study, audio-visual teaching, debate, and other activities related to their subjects. Under the experimental learning, teachers encourage the students to make presentations for their seminar papers/project reports, etc.

In order to expose the students and faculty to an advanced level of knowledge and skills, the college takes up some initiatives and organizes seminars. Many lectures are organized by the departments also to update their knowledge.

Students are assigned various creative tasks, such as report writing, poster presentation, etc. The College and department organize different awareness programs like women empowerment, environmental awareness, health consciousness, save water, spiritual awareness, yoga, Swachh bhara abhiyan, self-employment, etc.

Sports, NSS, Red-Cross Society, cultural society, all the activities in which students take an active part enable students to acquire skills and awareness towards the society. The college provides open access to educational and life-long learning opportunities by inculcating healthy habits like discipline, leadership,

etc. They are also encouraged to contribute to the social, cultural, and economic development of our region. Life-long learning is ensured by assigning duties to the students during the functions organized by the college i.e. NSS Camp. This teaches them to honor and ascertain the dignity of labour.

The learning is made student-centric by the use of two languages while teaching, both Hindi and English, as the students are predominantly from Hindi medium schools. This method is useful while explaining difficult concepts and technical aspects. The course is again made students centric by teaching students according to the evaluation format so that they score well in the examinations. The college has a library with online resources which facilitate learning. The college library subscribes to various journals related to different subjects. In addition to books, some magazines are also purchased by the college on regular basis to make us up-to-date. Newspaper and internet are used on daily basis to keep track of the latest advancements in a particular field, college computers and laboratories are equipped with internet.

Postgraduate students are encouraged to use these facilities-

The faculty uses the virtual library for effective teaching.

The faculty can access well-equipped laboratories and libraries.

The faculty can access the computer lab for e-learning resources.

Quiz and questionnaire are formed for the awareness of the students.

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

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

#### Response:

Implementing ICT in the classroom has enormous benefits; however, implementing ICT in the classroom is not an easy and simple matter. There are many issues that should be resolved. Those issues range from the institutional culture, finance, and adaptation to the curriculum. Those problems are experienced nationwide. A developing country like ours experiences more barriers for implementing ICT than developed countries. Recently, the development of ICT gradually replacing the traditional teaching pedagogy. Face-to-face classroom interaction is getting replaced by online communication, traditional white or blackboard is getting replaced by the interactive green and whiteboard, and books or printed resources are getting replaced by online resources. It is believed that technology can bring our education sector to a new age. This is because the implementation of ICT in institutions can bring about some potential benefits. However, to obtain those benefits we have to overcome its enormous difficulties. These difficulties may vary from institution to institution, from region to region in our country. In spite of difficulties, we have already headed toward implementing ITC enabled teaching at our institution Dr. Jwala Prasad Mishra Government Science College Mungeli (C.G).

Information & Communications Technology (ICT) enabled teaching methodologies and advanced

technology is being followed by the faculty of our institution.

A smart classroom setup has already been installed at our institution. Now the study is being carried out successfully. The faculty members are effectively utilizing Audio-Visual aids to demonstrate the concepts to the students. Computer simulations allow complex processes to be represented in a more dynamic way and also will allow students to gain a better understanding of complex concepts.

We are already providing online classes to students of all the streams through Google meet, zoom and Teach mint.

Link for the digital library is provided to our students to access its huge resource. A large number of books, journals, e-journals, and e-books are available in the library. The research journals are available online on campus. USB Hard disk containing web and video courses (offline) are accessible to faculty and students from the server installed in the library. These courses are also available on the local Server.

Seminars are being conducted at the hall by our faculties using ICT-enabled tools like LCD projector, USB Harddisk containing web and offline videos.

Many webinars are being conducted successfully by the efficient faculty of our institution. All the departments conduct seminars, workshops, and lectures on the new developments in the core subjects for effective teaching and learning by the faculty members and students in each semester.

We have a well-managed website in our institution that provides various information and services to all.

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

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

**Response:** 84:1

#### 2.3.3.1 Number of mentors

Response: 7

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

## 2.4 Teacher Profile and Quality

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

Response: 53.76

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

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

Response: 45.71

#### 2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
3	3	3	3	2

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

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

Response: 9

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

Response: 63

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

## 2.5 Evaluation Process and Reforms

### 2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

#### Response:

The students are well informed by the Principal/HOD about the internal assessment, question paper patterns, and university examinations. They are also informed regarding the university norms for the award of internal assessment marks and the rules and regulations pertaining to the internal assessment tests and university examinations. The periodic instructions issued by the university are promptly communicated to the students. Such instructions are read in the classrooms and the copy of the same is displayed on the student's notice board.

The academic activity plan and Internal Assessment Examination Schedule are prepared by the university based on the Academic Calendar, the Internal Assessment Examinations are conducted at regular intervals of time. The timetable for the assessment test is prepared by our university and displayed in the Departments Notice Board and also circulated to the students.

- Unit tests are conducted by all teachers at the end of each unit given in the syllabus. The teachers make sure that the pattern of the questions is varying for different units. The examinations are also conducted for practical courses.
  - An examination committee is constituted every year to coordinate the internal and external examination activities and also to communicate to the students, teachers, and administrative staff regarding examinations.
  - For an effective understanding of the evaluation process, the faculty members give class-wise/course-wise instructions about unique features of internal/external evaluation of that course.
  - Changes in schedules, patterns, methods if any, are immediately notified to the students through notice boards, circulars, and also through classroom briefing by the concerned subject teachers.
- Internal examination schedule is displayed on notice board in advance. Two internal examinations are held per semester.
- The subject teacher briefs the students in the classroom about their attendance and performance in the internal examinations.

#### Transparency initiatives at the institute level:

It is a practice of the college to show internal examination answer books after evaluation to the students in the class for self-evaluation, then sent to the university.

- Display all unit test marks within a week after the end of unit tests.



- Display term work marks at the end of each semester for student's information
- Solving grievances of students if any.
- Students are free to interact with the teacher to resolve grievances if any, regarding the assessment.
- The syllabus for internal assessment is communicated to students well in advance.
- Question papers are set based on course outcomes and are approved by heads of the department. Scheme and solution are prepared by the faculty on completion of the assessment.
- Staff meetings are conducted periodically to review the evaluation process.
- Two internal examiners are appointed for each subject to evaluate final internal marks.
- At the end of each semester, the Principal verifies the internal marks of all the students.

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

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

#### Response:

The following transparent, time-bound, and efficient process is adopted to resolve the grievance of students in **internal/external examination**.

- The assessed internal test papers are shown to the students for self-assessment.
- If any student thinks that he has scored below his expectation and he deserves more marks, then the grievances of such students are made clear by showing their performance in the answer sheet. The answer sheet of such a student is assessed minutely by the faculty once again in the presence of the student. Any correction regarding the total of marks or assessment of answer books as identified by students which are found to be worth considering are immediately rectified by the faculty members?
- If the student is still not satisfied with the above transparent process. The intervention of HOD is done; HOD now seeks the help of another course teacher and resolves the grievance.
- The college takes special initiative for resolving group grievances, if any, regarding college assessments.
- The Institute follows an open evaluation system where the student performance is displayed on the notice board and the same is informed to the parents.
- If any student is not satisfied with the marks awarded to him/her he/she may challenge the same by applying to the university through the Principal of his/her college in the prescribed form within the prescribed time from the date of issuance of marks.
- With reference to evaluation, if the student scores fewer marks than expected, he/she can apply for reevaluation of his/her answer script after paying the prescribed fee.
- University provides the photocopy of answer sheets to the committee regarding the grievances with reference to evaluation. Committee then gives marks which are final.
- Practical Exams are most important for the science stream. In P.G Examination one internal and one external examiner held the practical exam which adds more transparency and efficiency to the

examination process.

## 2.6 Student Performance and Learning Outcomes

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

**Response:**

The programs offered by the college are uploaded on the college website. The college communicates the program-specific and course-specific objectives and outcomes to students, parents, teachers, and different stakeholders.

For 12th pass-out students, the program and course objectives are communicated through the website and notice board before the commencement of admission. Program-specific and course-specific outcomes are displayed on the website. The teachers also introduce the aspirants to the specific area, they are going to attain knowledge. The teacher of each and every department instructs the students in the classroom about program and course outcome, and also they are told what they are supposed to obtain from it. If any doubt still remains then it is clarified by the teachers.

The subject teachers communicate with the students about the course outcome and program outcomes is the beginning of the session. Course outcomes are mentioned in the printed syllabus and also available on the college website.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View Document</a>
Past link for Additional information	<a href="#">View Document</a>

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

**Response:**

The college has been adopting the following methods to evaluate the program outcomes and program-specific outcomes and course and outcomes:-

The college analyzes all the academic results and it is displayed on the website. As a result, all stakeholders are able to know program outcomes and thus possible improvements are made.

The college uses class and unit tests and semester examinations in Post Graduate classes and annual examinations in Under Graduate classes to measure the attainment of program-specific course outcome,

Unit tests, pre-final examinations are taken according to the schedule given by the university/department of higher education. The answers books of these tests are shown to the students are made known of their shortcomings in their answers. The answer books of students are valued and marks are given. Finally, the yearly examination conducted by the affiliating university reflects the attainment gained by the students.

Class, unit tests are arranged to boost the confidence of the students in their relevant subjects. After the weaker area is identified, the individual problems are discussed with the respective students. The subjects in which the student seems to lag behind are taken for remedial classes. If the student belongs to the socially or economically deprived class, then he or she is given a scholarship as per the government and institutional policies to enable them to progress in their studies.

Alumni meetings are organized from time to time to discuss academic as well as campus development and the progress of the students.

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

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

**Response:** 94.33

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

2019-20	2018-19	2017-18	2016-17	2015-16
184	171	157	102	97

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

2019-20	2018-19	2017-18	2016-17	2015-16
184	174	211	102	98

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

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:**

File Description	Document
Upload database of all currently enrolled students (Data Template)	<a href="#">View Document</a>

NAAC

## Criterion 3 - Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

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

**Response:** 0

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

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

**File Description**

**Document**

List of endowments / projects with details of grants

[View Document](#)

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

**Response:** 14.29

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

**Response:** 1

**File Description**

**Document**

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

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

**Response:** 0

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

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

**3.1.3.2 Number of departments offering academic programmes**

2019-20	2018-19	2017-18	2016-17	2015-16
8	7	7	7	7

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

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

Earlier our college was an undergraduate college. In the year 2016 this college was upgraded to PG College. Now apart from UG classes we teach 5 subjects i.e. Botany, Chemistry, Mathematics, Physics and Zoology post graduate classes.

Our College has research infrastructure like departmental library with the facility of NLIST with internet, we also have adequate laboratory facilities and necessary apparatus for research. Out of eight teachers three along with Principal are Ph.D. holders. One of the faculty and Principal act as Research supervisor in the affiliating university. Each PG department has Computer in laboratory with Internet. Three teachers of the faculty holding M.Phil.Degree and are registered for Ph.D.

Total no. of Publications by the faculty members are near about 45. They have presented their papers in various international and national conferences. Publications done by the faculty in the journals with ISSN no. Many book chapters written by Dr. C.S. Singh, in ISBN no. books. He has organized one National seminar and three international and one national webinar.

Department Of Chemistry has organized quiz competitions, seminars and other activities under the banner of Chemical Association.dept. Of Chemistry has organized online quiz competition on” **Yoga and covid-19**”, 181 participants are given certificate.

In our College various departments have organized webinar in related subjects. Department of chemistry and Zoology jointly organized a webinar on” **Impact of Covid – 19 Pandemic – Environmental Issues**”, 837 participants has registered, both the eminent speakers Dr. A.K. Pati, University Vice Chancellor,Gangadhar Mehar University, Amruta Vihar, Sambalur, Odisha and Dr. S.P.Singh , Principal Scientist, CSIR-Institute of Chemical Technology, Hyderabad, delivered wonderful lecture. Department of Botany also organized a webinar on the topic “**Modern Trends in Plant Sciences in Relation to Agriculture**” the speaker Dr.Satyashila Singh .delivered Meaningful lecture on this topic.

Department of Mathematics also organized online quiz competition on “fudgy logic”.1320 students participated from all over the Chhattisgarh in this quiz competition

District NSS coordinator also organized online quiz competition during lockdown period, the topic of the quiz was related to yoga and pandemic.

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

### 3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 0

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

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

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

### 3.3 Research Publications and Awards

#### 3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 3

##### 3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years

Response: 3

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

Response: 1

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

### 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 0

#### 3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.

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

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

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

Response: 0.97

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

2019-20	2018-19	2017-18	2016-17	2015-16
2	2	0	1	1

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



### 3.4 Extension Activities

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

**Response:**

The institute is located in gram panchayat Lilwakapa in Mungeli district. Students belong to the rural area of Mungeli. Incharge professor motivate students to participate in activities of NSS, YRC.

**Extension Activity**

- Under the banner of NSS students of our college participated in different extension activities like mountaineering and tracking camp organized by other University and state.
- Students of our college have represented the university in different competitions Like rangoli and slogan writing etc.

**Outreach program**

Cadets of NSS participate in annual camp every year in different villages in and around Mungeli district. During these camps they organize :-

- Social Service Activities
- Health and Hygiene awareness programme
- Blood Donation Camp,
- Environmental awareness
- Information on Job opportunity
- Plantation
- Swachh Bharat Abhiyan etc.

Through SVEEP program a student is elected as a brand ambassador and educates others about obligations of casting votes during elections. Faculty members have also done their duties during elections as Nodal officer, presiding officer and they were rewarded by the state government.

The institution collaborates with various bodies for the benefit of institution, students, faculty and the local community.

As CGCOST Raipur, PSSO university, Bilaspur, Atal Bihari Vajpayee Vishwavidyalaya Bilaspur, Health Department, Mungeli and Election department ,Mungeli.

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

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

Response: 0

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

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

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

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

Response: 7

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

2019-20	2018-19	2017-18	2016-17	2015-16
2	3	2	0	0

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

**3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years****Response:** 0.29**3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
2	3	2	0	0

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

**3.5 Collaboration****3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year****Response:** 1**3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

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

File Description	Document
e-copies of related Document	<a href="#">View Document</a>
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years****Response: 2****3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

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

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

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

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

**Response:**

Our institute makes policy for enhancement of infrastructure to facilitate effective teaching and learning different Committees have been formed by the principal as Building Committee, Purchase Committee, Janbhagidari Committee, IQAC and Academic Council etc. These committees are headed by senior professors with office members. Committees are monitored by head of the college. The college is situated on the Nawagarh road Mungeli. It is well connected through public transport. College building is surrounded with surveillance of CCTV cameras.

Our college provide following facilities with the best environment of teaching and learning-

**Number of Classrooms:** 12 spacious and well ventilated classrooms with adequate furniture, fans and light.

Staff room: Each subject has its own department.

**Administrative Office:**

- Principal room : 01 with AC and LCD T.V./CCTV Display
- Office : 01
- Aided Office : 01
- Exam control rooms : 01
- IQAC Room : 01

**Library -**

- Librarian room : 01
- Library room (Stack) : 01
- Reading room : 01
- Conference Hall : 01 with AC and Audio-Visual equipment.
- Open stage : 01

**Laboratories -**

- Computer Labs : 02 (BCA-01, Physics-01)
- Laboratories : 06 (Botany-01, Chemsitary-02, Physics-02, Zoology-01)
- Sports Department : Separate spacious and ventilated room, Indoor games facility for Chess and Carom etc.
- Outdoor game : Separate open ground in campus premises for Badminton, Volleyball and Cricket.

**Additional Amenities-**

- NSS/Redcross : 01 separate room for NSS and Red Cross activities.
  - Health Care Centre : District Hospital Mungeli Govt. Health Care Centre.
  - Girls common room : 01
  - Wash room : Each building has separate washrooms for girls and boys.
  - Pt. Sunderlal Sharma Open University Exams and Study Center: One separate room
  - Drinking Water : Water cooler with RO facility available in college building
  - Bore wells : 01
  - Overhead tank : 04
  - Power supply : Separate connection of electricity.
- Parking facility : Cycle Stand with sufficient Parking Zone Available for two wheelers and four wheelers.
- Printing facility : Office, IQAC, physics, library has a separate multifunctional (Print, Scan, Copy) printer.
- Garden : Proposed site in front of old building.

Ramp Facilities are available for differently abled students and staffs in the new Building.

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

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

Special facilities are made available on the campus to promote interest in cultural and sports events-

**Cultural activities:**

- Our College organizes social gathering and prize distribution function every year according to govt. academic calendar. College provides certificates prizes and medals to Winners of the cultural, sports and other cultural and literary competitions. For this purpose college used pandal and stage.
- College has purchased musical instruments for NSS unit for annual camp.
- Students of college participates in youth festival in different competitions as Dance, Play and folk dancing and singing ,

**Sports:**

- The college promotes and encourages students to participate in sports activities.
- Sports events are organized by the Sports Department. Outdoor and indoor sports facility is available in campus.
- Indoor games – chess & carom outdoor sports- athletics, badminton, cricket etc.
- Various Inter College Competitions and District Level Competitions organized in the college ,
- Student participated in various Division and State Level Competitions.
- Manage separate hall for yoga day.

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

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

**Response:** 45.45

**4.1.3.1 Number of classrooms and seminar halls with ICT facilities**

**Response:** 5

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

**4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)****Response:** 27.83**4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	115.01425	0	24.98575

**File Description****Document**

Upload Details of budget allocation, excluding salary during the last five years (Data Template)

[View Document](#)**4.2 Library as a Learning Resource****4.2.1 Library is automated using Integrated Library Management System (ILMS)****Response:**

The College library has a collection of more than 16500 books of related to science subject which full fill the needs of students and teachers. Presently reading room is attached with library where students can study various books, magazines, newspapers etc. The automation of library is need of present era but it costs too much. Due to lack of sufficient fund the college has decided to automate library using KOHA which is free and open source software. Library is partially automated with the leading library management software KOHA ILMS. It provides user friendly interface for searching resources available in the library. The library has Web-OPAC which provides remote access (only intranet) to its resources within the college campus.

**KOHA ILMS Software**

Name of the ILMS software	:-	KOHA
Nature of automation	:-	Partially automated
Version	:-	UBUNTU-12.04
Year of Automation	:-	2016

The library has a subscription of N-List (National Library and information services Infrastructure for Scholarly Contents) for e-journals and e-books. N-List provides accessibility of more than 6,000+ e-journals, more than 1,64,300+ e-books and 6,00,000 e-books through NDL. It provides full-text access of e-books and e-journals. Our college library is also a member of NDL which has a collection of more than 6



lakh e-books.

Our college library has made a digital repository of question papers, syllabus, e-books etc. The college conducts library stock verification at the end of every year and identifies the books for weeding out because of uselessness in syllabus or physical damage. These books are removed from library collection after approval of competent authority. Every year new books are added for it the fund is given by the government.

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

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

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

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

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

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

**Response:** 1.66

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

2019-20	2018-19	2017-18	2016-17	2015-16
0.73100	1.9269	2.29192	2.54158	0.80218

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

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

**Response:** 4.7

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

Response: 28

### 4.3 IT Infrastructure

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

**Response:**

Our college makes policy to upgrade IT facilities. Our college run Graduate and post graduate programs (physics, chemistry, zoology, botany & mathematics). Wi-Fi facilities are available in dept. of physics, zoology, and botany in old building and conference hall and computer lab in new building. Our college provides the facilities for students and faculty like computer, smart board, power point presentation, audio visual sound system and podium. The state govt. provides free mobiles for college students under sanchaarkranti yojna. College uploads the new information and activities time to time on college websites. We have systematic computer lab for BCA programs for students. This program attracts new students. The college has separate broad band LAN facilities. Some details are given below:

1. All faculties facilitate to prepare computer aided teaching learning materials.
2. Faculty members utilize the internet facilities and provides e-notes to the students to improve teaching learning process.
3. e-library facility is available for faculty members and students can also go through the useful websites and prepare the teaching materials.
4. For the maintenance of computers, internet and Wi-Fi networking annual maintenance contract is given to some computer enterprises. Need based budget provide for updating and maintaining the computers.
5. Professors in-charge looks after the maintenance of the following works:
  - a. IT facilities
  - b. Internet and websites.

d. Computer and printers.

e. CCTV camera.

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

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

**Response:** 20:1

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

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

**Response:** A. 250 MBPS

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

### 4.4 Maintenance of Campus Infrastructure

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

**Response:** 4.74

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

2019-20	2018-19	2017-18	2016-17	2015-16
1.61097	0.30744	1.10597	2.57353	1.85911

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

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

##### Response:

Our institute is governed by the state govt. so Public Welfare Department ( PWD) is authorized for maintenance of the infrastructure facilities. Our institute makes policy for enhancement and maintenance of the infrastructure, for this different Committees are formed by the principal, such as

- Maintenance Committee,
- Purchase Committee,
- Janbhagidari Committee.
- Advisory Committee
- Stock verification Committee

Above committees chalk out procedure for maintaining and utilizing physical, academic and supporting facilities – classrooms, laboratory, library, sports etc.

The head of institute, principal supervises the overall maintenance of the campus and summons staff council meeting for necessary action. Committees are headed by senior professor to look after the maintenance of the following works.

- 1.PWD
2. Water supply and drinking water
- 3.Furniture
4. Websites
5. Internet
6. Computers and printers
7. CCTV camera
8. Cycle stand
9. Clean campus etc.

To monitor the library related functions and maintenance principal appoints an advisory committee.

Stock verification committee verifies stock annually in each and every department then purchase committee gives the estimate in and according to the need of the college.

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

NAAC

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

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

**Response:** 80.11

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

2019-20	2018-19	2017-18	2016-17	2015-16
461	375	358	298	259

#### File Description

#### Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

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

[View Document](#)

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

**Response:** 0

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

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

#### File Description

#### Document

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

[View Document](#)

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

following

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

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

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

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

**Response:** 8.01

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

2019-20	2018-19	2017-18	2016-17	2015-16
102	109	0	0	0

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

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

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

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

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

## 5.2 Student Progression

<b>5.2.1 Average percentage of placement of outgoing students during the last five years</b>				
<b>Response: 0</b>				
<b>5.2.1.1 Number of outgoing students placed year - wise during the last five years.</b>				
2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0
File Description	Document			
Details of student placement during the last five years (Data Template)	<a href="#">View Document</a>			

<b>5.2.2 Average percentage of students progressing to higher education during the last five years</b>				
<b>Response: 55.98</b>				
<b>5.2.2.1 Number of outgoing student progression to higher education during last five years</b>				
<b>Response: 103</b>				
File Description	Document			
Details of student progression to higher education (Data Template)	<a href="#">View Document</a>			

<b>5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)</b>				
<b>Response: 60</b>				



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

2019-20	2018-19	2017-18	2016-17	2015-16
1	1	2	0	0

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

2019-20	2018-19	2017-18	2016-17	2015-16
1	1	2	0	0

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	<a href="#">View Document</a>

### 5.3 Student Participation and Activities

**5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.**

**Response:** 7

**5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
2	2	1	2	0

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

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

#### Response:

#### Students' Union

Students' Union constitution of students' union works as a chain between college administration and students. It provides a platform to the creativity of the students. It also helps the college administration in its smooth functioning. The office bearers of students' union play very important role in Organising Annual Function and other activities of college. The office bearers of students' union comprise of President, Vice President, Secretary and Joint Secretary.

Representatives of ST & PWD students were also included in Executive council. Meritorious students were nominated as the class representatives for the respective classes. Apart from these, Cultural committee, Social Service Committee, Science Club, Sports Committee, Gender Issue Committee was also constituted. All these committees played very creative roles in organisation of Independence Day, Republic Day, Youth Day, Science Day, International Day of Yoga and various literary and cultural activities of the college.

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

Response: 74

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

2019-20	2018-19	2017-18	2016-17	2015-16
82	85	56	84	63

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

## 5.4 Alumni Engagement

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

#### Response:

#### Alumni Association

Alumni Association has been constituted in the college. The followings are the office bearers of the Alumni Association of college-

1. President : Mr. Dileep Dewangan (Assistant Professor)
2. Vice President : Mr. Atri Pratap Singh (Teacher)
3. Secretary : Mr. Rajoo Nirmalakar (Research Scholar)
4. Joint Secretary : Mr. Mantram Sapre (Veterinary Officer)
5. Treasurer: Mr. Chandra Kamal Upadhyay (Teacher)
6. Executive Members : Mr. Sunil Upadhyay, Mr. Jitendra Gupta, Mr. Mohan Dewangan, Mr. Gajpal Singh, Mr. Avanish Tiwari, Mr. Birbal Sonakar.

#### Meeting of alumni association-

1. The meeting of alumni (Ex Students) was held on 5 Sep.2020 and they were given information about the various activities of the association.
2. In a meeting on 8 Sep 2020, Alumni Association of college was constituted and its office bearers were nominated.

The registration of alumni association is not yet done and it is under process.

**5.4.2 Alumni contribution during the last five years (INR in lakhs)**

**Response:** E. <1 Lakhs

NAAC

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

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

##### Response:

##### Vision

"To show the path towards the divine blessings "VISHVAKALYANAYA VIGYANAM" through the pursuit of science and instil in the students the values of self-discipline, respectful countenance and a positive attitude, and lead them to a new horizon of knowledge to foster a spirit to make good teachers, good researchers, scientists and technologists to reach the zenith of intellectual achievement and personal growth to the ultimate drive of human society and beyond."

##### Mission

- Human welfare should be the ultimate goal of science because, in the end, we will not be the inhabitants of the same world whose actions affect our next generation.
- To provide an opportunity for a qualitative education to the students so that they can play a positive constructive role in an educated society.
- To make aware, the students of the society who are economically and academically backwards, the significance and worth of higher education. To ensure that higher education is available to all, and the backward class of society gets equal opportunity.
- In this scientific age, to inculcate a scientific understanding and to produce skilled personalities in this region to serve mankind.
- Providing an environment to the stakeholders to strengthen self-confidence, feeling of equality and embark an attitude of research where men and women play a vital role in a welfare society filled with knowledge.
- All the activities of the college will be focused on inspiring the students for building a society where the right to equality and dignity of the personality is observed.

The vision of the institution is anticipated by the personalities of the Mungeli region with the "VISHVAKALYANAYA VIGYANAM" inscribed in the college logo, displayed in the college prospectus, application forms and other documents, printed and published by the college.

The department of Higher education, Govt. of Chhattisgarh; ensures systematic management, development, implementation and continuous improvement of the institute. Principal plays a key role along with the heads of the departments and faculty members in framing various policies and principles for proper academic, administrative and financial management of the institution. The leads to systematic development of the institution following the norms and regulation of the Government.

The governance of the institution is done with the constitution of various committees. These committees help in the proper management and administration of the college. The committees ensure imparting quality education and gives suggestions for the improvement of quality parameters in the Institution. These decision making policies and strategy, helps to achieve the Vision, Mission, Goals and Objectives of the

institution.

Students are actively involved in all the extracurricular activities. Various student organizations like NSS, Sports, Career Guidance and Placement Cell are conducive to leadership enhancement.

The institutional bodies IQAC, RUSA, Career advancement cell and other committees works effectively. Various committees are monitored by the Principal. The Committees implement their duties by conducting various programs at the same time, when committees are implementing their programs regular interactions take place with the stake holders also.

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

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

#### Response:

The Institute has a well defined structure for strategic planning and overall management of resources. The Institute has prepared its own set of Strategic Plans to fulfill academic development of the institute, extracurricular activities, sports, culture and defined targets for the utilization of infrastructural facilities of the institute. These targets have been set with extensive consultation with all stakeholders, staff, faculty, and alumni.

The College is run as per the academic calendar provided by higher education department and the affiliated university. Principal conducts regular meetings with the departmental heads, conveners of different committees and student council to discuss the policies and plans and their ways of implementation. The institution adopts various modes to monitor and evaluate different policies and plans for effective implementation and improvement regularly. Feedbacks are taken regularly from all the stakeholders manually and online for further improvement which is analyzed by IQAC. This also helps in the qualitative improvements of the institution.

The institution has following Perspective/Strategic plan:

- To open B. Sc computer Science and, PGDCA courses.
- To open Add on course in chemistry and physics department.
- To equip all the classes with ICT facilities and establishment of smart class rooms.
- To develop fully Wi-Fi campus with advanced computer laboratories for students and faculty.
- Up gradation of science laboratories.
- Establishment of fully automated library and also departmental library for PG programme.
- To make well developed counseling cell, Placement Cell and career guidance cell.
- To enhance research activity in various department of the college.

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

## 6.2 Strategy Development and Deployment

### 6.2.1 The institutional Strategic / Perspective plan is effectively deployed

#### Response:

The Institute has a well defined structure for strategic planning and overall management of resources. The Institute has prepared its own set of Strategic Plans to fulfill academic development of the institute, extracurricular activities, sports, culture and defined targets for the utilization of infrastructural facilities of the institute. These targets have been set with extensive consultation with all stakeholders, staff, faculty, and alumni.

The College is run as per the academic calendar provided by higher education department and the affiliated university. Principal conducts regular meetings with the departmental heads, conveners of different committees and student council to discuss the policies and plans and their ways of implementation. The institution adopts various modes to monitor and evaluate different policies and plans for effective implementation and improvement regularly. Feedbacks are taken regularly from all the stakeholders manually and online for further improvement which is analyzed by IQAC. This also helps in the qualitative improvements of the institution.

The institution has following Perspective/Strategic plan:

- To open B. Sc computer Science and, PGDCA courses.
- To open Add on course in chemistry and physics department.
- To equip all the classes with ICT facilities and establishment of smart class rooms.
- To develop fully Wi-Fi campus with advanced computer laboratories for students and faculty.
- Up gradation of science laboratories.
- Establishment of fully automated library and also departmental library for PG programme.
- To make well developed counseling cell, Placement Cell and career guidance cell.
- To enhance research activity in various department of the college.

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

#### Response:

#### 1. Organizational Structure

Administrative Head – Principal

Teaching Staff – Professors, Assistant Professors, Guest Lectures

Non-Teaching Staff- Librarian, Assistant Grade-II,III, Book Lifter, Watchman, Peon, Sweeper.

Technical Staff – Laboratory Technician and Laboratory Attendant

## 2. Recruitment Procedure

Recruitment of teaching, non-teaching and technical staff are done by the government through different exam agencies such PSC (Public Service Commission), Professional Exam Board (VYAPAM) and Departmental Recruitment Exam.

## 3. Promotion

Promotion procedure is determined by the Higher Education Department of Chhattisgarh Government.

## 4. Grievance Redressal Mechanism –

Grievance Redressal committee which resolves grievance of stakeholder of the college. Apart from this there is a “State Administrative Tribunal” at state level which resolves the grievances of the employees and students. At college level there are two committee named women Grievance Redressal Committee for women related problem and Grievance Redressal Cell for students and staff.

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

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

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

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

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

## 6.3 Faculty Empowerment Strategies



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

#### Response:

The welfare measures for the teaching and non-teaching staff are decided by the Government followed by the UGC Norms .These measures are governed by the regulations and policies of the Government and it is modified from time to time. The institution has following welfare measures for teaching and Non -teaching staff as per the state government policy.

#### 1) Welfare Schemes for Teaching Staff:

**Incentives for Higher Studies:** In order to keep pace with the latest trends in technology and industry, the Institute encourages the teachers by providing Special Leave/Study Leaves to pursue Project/Doctoral/Post-Doctoral research.

**Empowering teachers with personal computation facility:** The Institute provides Desktops and Wi-Fi facilities to every department and encourages them to use modern teaching aids.

Faculty members are encouraged to participate in Orientation Programmes /Refresher

Courses/Seminars /Workshops.

#### 2) General Welfare Schemes for all staff:

- The Institute provides various leaves to facilitate all its employees as per the govt policy.
- The employees are entitled to Dearness allowance and House Rent Allowance as per the policy of the govt.
- All employees are eligible for Gratuity after completion of continuous service of minimum 5 years and are governed by the Gratuity Act in force.
- Family benefit scheme for regular employees of college in case of accident or demise of the employee holding the post.
- Group insurance Scheme (GIS), GPF and NPS for all the employee who falls under its eligibility criteria.
- Employee can avail the facility of partial withdrawal from their GPF/CPF accounts in case of urgent family needs like marriage purpose, education of children, construction of house in emergency.
- Medical reimbursement facility as per government rules.
- Festival advance scheme non- teaching staff.
- Liveries for class IV staff of the college as per government rules.
- Maternity leave of 6 month for female employees along with child care leave having children up to the age of 18 years and also Paternity leave of 15days for male employees as state Government policy.
- Disability allowance is given to the disabled employee as per government policy.

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

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

Response: 0

#### 6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

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

File Description	Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	<a href="#">View Document</a>

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

Response: 0

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

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

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	<a href="#">View Document</a>

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

**Response:** 27.43

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

2019-20	2018-19	2017-18	2016-17	2015-16
2	2	0	3	1

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

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

##### Response:

The college facilitates the professional growth and enrichment of the staff by implementing an effective Performance Appraisal System. This system is maintained with the objective of improving academic and administrative standards. It functions in the following ways

##### Teacher Performance Record (TPR)

All teachers have to submit the duly filled Performa of the Performance Based Appraisal System (PBAS) at the end of the academic year .The principal submits a Confidential Report of teachers and non-teaching staff with his opinion to Commissioner, Department of higher Education for further action on an annual basis. Faculty members are also evaluated on the basis of various responsibilities entrusted on them as extracurricular and extension activities.

##### Staff Evaluation by HOD

Heads of the departments prepare a confidential report about lab technician and lab attendant in a prescribed format to the principal to mark his opinion and submit to Commissioner, Department of higher education for further action on an annual basis.

##### Peer Evaluation

IQAC designs Peer Evaluation to provide feedback to peers about their academic performance. Peer Evaluation helps faculty members to improve their teaching. It is a collaborative process in which the faculty works closely with a colleague or group of colleagues to discuss his or her teaching. It provides the teacher within sights into his/her academic contribution.

**Faculty evaluation by the students**

IQAC monitors the feedback mechanism in the college. In each semester the students can evaluate their teachers online on the basis of their performance. The students can assess the teachers on the following criteria: accessibility to teacher, classroom management, communication skills, and fairness in internal assessment, ability to inspire and motivation, interaction of the teacher, punctuality and regularity, effective completion of syllabus in time, subject knowledge and the use of ICT in teaching learning process. The IQAC does feedback evaluation and suggests corrective measures to teachers.

**Non-teaching Evaluation by Students**

The Students also get opportunity to rate the performance of non-teaching staff while conducting survey on the institutional performance. The principal monitors the performance of non-teaching staff and gives them continuous feedback. In a given format the teachers and the students evaluate the non-teaching staff regularly.

**6.4 Financial Management and Resource Mobilization****6.4.1 Institution conducts internal and external financial audits regularly****Response:**

In the financial matter the college is subservient to the rules of the government. The institution conducts both internal and external audit regularly. Internal Audit committee is formulated by the Head of the institute which conducts audit of financial records as Cash-books related to UGC RUSA, Janbhagidari, IQAC, Govt./ Non-government Accounts along with the vouchers. Apart from this the committee also audits the entries of dispatch register and stock register.

Regarding external audit of state government fund utilization there is a mechanism of departmental audit which is done by the department of Higher education and the officials of Accountant General Office. The last government audit was done in period 2010 to August 2020.

**6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)****Response: 0**

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

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

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

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

#### Response:

The College has a well-functioning mechanism for mobilization of funds and optimum utilisation of resources. The various committees constituted by the Principal, have the responsibility for assessing, planning, implementing and supervising the fundraising activities of the college. The committee evaluates the requirements of the departments and other forums for the allocation of funds. The budgetary provision for academic and administrative activities is planned at the beginning of financial year by the various committees, Purchase Committee and Library Advisory Committee to formulate strategies for fund mobilisation and its optimal utilisation.

The major sources of funds for the college are from the following avenues:

#### Central Government Funds

- UGC
- Scholarships

#### State Government Funds

- RUSA
- State government
- fund for NSS
- Scholarships

#### Non-Government Funds

- Development fee collected from the students (Janbhagidari fund).

Funds available from the central government sources are used for developmental activities, academic resources such as books and journals and infrastructure development which includes labs, equipment, sports facilities, etc.

The allotments received from the state government are also under special heads and they are spent for the

purposes they are meant. These funds are made use for the various needs that come up from time to time. Scholarship amount is directly transferred to beneficiaries' students account through online banking by central and state Government. In addition to this there is corpus of fund collected from the students who gets admission in the college. This fund also known as Janbhagidari fund. This amount has been used for miscellaneous needs of college like library development, installation of Fire extinguisher, CCTV camera, maintenance of washroom etc. College has shortage of staff therefore hiring of staffs done by janbhagidari samati and their salary is provided from janbhagidari fund.

Optimal utilisation of available resources is ensured to cater the needs of the stakeholders. The Departments and other forums are intimated about the approval of their budget and are required to maintain proper accounts and reports of expenditure. At the end of the financial year internal and external auditing is conducted to ensure utilisation and proper accounting of the funds availed. Accounts are maintained by the Head Accountant and the Principal is accountable for all the financial transactions.

## 6.5 Internal Quality Assurance System

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

#### Response:

The Internal Quality Assurance Cell (IQAC) is established in the institute to maintain and enhance the quality of education. The IQAC plays a pivotal role in the enhancement and sustainability of quality in the teaching learning programme of the institute. The major initiatives include:

- Evaluating curricular and co-curricular activities,
- Implementing quality initiatives, including ICT facilities to improve the quality of teaching learning programme.
- Various activities and health checkup camps have been organized through Red Cross and NSS unit of the college, under the guidance of IQAC.
- Ensuring stakeholders participation.
- Feedback of all stakeholders has been analyzed and necessary actions were taken.
- Introducing best practices.
- Organising workshops and seminars.
- Under the “career counseling and guidance cell” the classes for competitive examinations have been started and classes are taken as per the determined scheduled.
- The proposal for new courses has been submitted to the department of higher education.
- Monitoring the extension and outreach programmes of the departments of the college.

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

**Response:****IQAC Teaching Learning Review Mechanism**

IQAC monitors IT enabled, outcome based, student centric and holistic methodologies for teaching learning process.

- At the beginning of the academic year, IQAC collects academic plans of all department and monitors its effective implementation throughout the year.
- Teacher Performance Record is devised by the IQAC for continuous self-appraisal system to keep track of the performance of the faculty.
- IQAC insists on the Mapping of program outcomes, program specific outcomes and course outcomes at beginning of a Program/Course. These gives a positive direction towards the methodologies to be adopted in teaching and evaluation.
- IQAC ensures proper conduct of internal examinations, transparent mechanism for evaluation and uploading of marks in the university portal.
- IQAC has a practice of comprehensive semester wise result analysis to pin point strengths and weaknesses of different departments.
- IQAC has devised a mechanism for 360 degree feedback on curriculum.
- Curriculum feedback is also taken from teachers and students.

**IQAC Institutional Review Mechanism**

- IQAC conducts Annual Academic and Administrative Audit every year.
- IQAC and the management evaluate the performance of non-teaching staff.
- IQAC encourages Peer Evaluation of teachers.
- Green Audit and Energy Audit are in regular practice in the campus.

**IQAC Evaluation of Learning Outcomes**

- Principal of the college has been forming a committee from 2017 to introduce Outcome Based Education (OBE) in the college to collect feedback from students and the IQAC committee takes action on the report of this committee. This initiative was resorted when the university introduced new curriculum for graduate and post graduate programmes.
- All department prepares Programme Specific Outcomes (PSOs) and Programme Outcomes (POs) on the basis of learning objectives mentioned in the university syllabus.
- The IQAC has made PSOs, POs and COs part of the course file.
- At the end of the semester, the IQAC committee assesses the compliance of departments with the parameters of OBE.

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

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)**

**3.Participation in NIRF****4.any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)****Response:** D. 1 of the above

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

NBAAC



## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

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

##### Response:

The safety of girls at the campus must be the top priority of every college. Providing a safe and supportive campus community is a challenge for college and our college is very successful in this matter.

Dr. Jwla Prasad Mishra Government Science College Mungeli provides a comprehensive range of security surveillance within the premises.

We run gender awareness programs, dialogue, and action. Students are regularly informed about sexual assault and its prevention, so they become more aware and alert and do not hesitate in taking preventive and safety actions.

We have especially organized a program on 'good touch and bad touch' so that girls should also aware of it and educate another girl child near them.

The College has a girl's common room with adequate facilities. To develop awareness about hygiene the institution has installed an electric sanitary napkin vending machine equipped with a destroyer, in the female washroom.

According to UGC guidelines "Women anti-Harassment Cell" has been formed at the college to resolve all issues and complaints related to women. We have provided an online complaint system. A senior lady professor works as a patron for girls in the college.

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

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

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

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

<b>File Description</b>	<b>Document</b>
Geotagged Photographs	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

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

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

**Response:**

#### **Solid waste management**

Solid wastes are collected in a container at the college campus and the next day the municipal corporation takes out these solid wastes from the college to the dumping yard of Nagar Palika Nigam.

#### **Liquid waste management:**

The wastewater from ROs, is collected in a separate tank or drum and used for cleaning the floor and watering the plants.

#### **E-Waste Management**

We have put a separate bin in the college where everyone can drop their waste electronic kinds of stuff which is dumped in a pit, sometimes these wastes are sent for recycling.

#### **Waste recycling System**

The broken and little damaged wooden, as well as iron and steel furniture, are always repaired and used in the college.

#### **Hazardous Waste- Management**

The Liquid waste from the laboratory is collected in a container and being poured into a pit and covered with an RCC slab at the corner of the college campus where no animal and children can reach.

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

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

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

Response: E. None of the above

#### 7.1.5 Green campus initiatives include:

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

Response: C. 2 of the above

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

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

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

Response: C. 2 of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View Document</a>

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

1. Built environment with ramps/lifts for easy access to classrooms.
2. Disabled-friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for persons with disabilities ( Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

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

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

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

**Response:**

In session 2017-18 across the state voting awareness campaign was conducted under the direction of the election commission. In respect to this program zone level, the SVEEP program was conducted under the guidance of Mr. N. K. Purle sir. The students of our college made a necessary effort to train self-help groups to improve their livelihood by making pickles, papads, and other useful and profitable products. To fulfill the motto of self-help groups they should be trained as much as possible. The students of our college also aware self-help group about social evils and also to avoid their bad habits like smoking, consumption of alcohol, and use of tobacco.

In session 2018-19, 7days camp was conducted by the institute's NSS unit in gram Panchayat Chakarbhatha a village's health checkup program was done by the health group of doctors of the district hospital Mungeli.

During the Covid-19 pandemic, different social activities were carried out by the students of our institution organization under this program in session 2019 -20.

Migrant labourers coming from different states and places were helped to reach quarantine centers. They were also served foods and other daily needs which helped a little to get out from the panic situation among the laborer class. The students also helped to deliver the luggage and stuff of the labourer in their respective places.

Students of the institute had taken part to aware people from covid-19 and how to protect themselves from this invariable pandemic and also spread precautionary majors among people, and promoted use of mask and sanitizers.

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

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

**Response:**

Our college organizes various activities to sensitize students and employees about the constitutional obligation, Values, Rights, Duties, and responsibilities of the citizens of India. Constitution Day is celebrated on 26th November every year. This program starts with The Preamble reading of our constitution followed by a lecture on the sensitization of the constitution. Students are encouraged to participate in activities like essay competitions on related themes. On 26th Nov 2019, Constitution Day was celebrated at our college. A lecture was delivered on this occasion by Dr. Ashok Kumar Gupta Professor of Govt. S. N. G. College Mungeli. Dr. Gupta narrated the fundamental rights, Duties, Values, and responsibilities of citizens as stated in the Constitution of India.

India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution. Dr. Gupta aroused enthusiasm among the students to remember the struggle for freedom and also aroused a feeling of respect for the National Flag and National Anthem.

Republic day is celebrated on 26th Jan Every year by organizing activities highlighting the importance and value of the Indian Constitution.

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

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

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

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

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	<a href="#">View Document</a>
Code of ethics policy document	<a href="#">View Document</a>

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

#### Response:

Our college believes in celebrating events and festivals and makes it an integral part of learning and building a strong cultural belief among the student. Our college is dedicated to promote ethics and values amongst students and faculty and organize National festivals and birth/death anniversaries of the great Indian personalities. We celebrate 20th August Sadbhawna Diwas (birth anniversary of Rajiv Gandhi), 5th September teacher's day, 2nd October Swachhata Diwas (birth anniversary of Gandhiji) along with 8th March International Women's Day and 21st June International Yoga Diwas, etc. at our College. Every year Independence Day and Republic Day is celebrated in a traditional manner.

As our college is Science College we organize some scientific activities too. We celebrate National Mathematics Day on 22nd December, Science Day on 28th February.

Republic Day is celebrated on 26th Jan Every year by organizing activities highlighting the importance and value of the Indian Constitution.

We do a flag-hoisting ceremony and a "constitution awareness program" on this day. We remember our duties towards our nation.

15th August Independence Day is celebrated every year the ceremony of flag hosting is being done by the principal of our college. We remember the freedom fighter and their sacrifices on this occasion.

File Description	Document
Link for any other relevant information	<a href="#">View Document</a>
Link for Annual report of the celebrations and commemorative events for the last five years	<a href="#">View Document</a>

## 7.2 Best Practices

### 7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format

provided in the Manual.

**Response:**

**Practice – I**

**Title of the Practice:** - Use of ICT in Academy and administration.

**The objective of the Practice:** Computer technology is leading to more accurate sizing and rating method for process equipment. Nowadays computer technology plays a very vital role in our daily life as well as in the education system. If we think about education, it is a must to enhance competencies in technology and learning.

Our college Dr. Jwala Prasad Mishra govt. science College Mungeli is also designing a constructive education program on computer technology such as to improve academic activities, which are web-based. To increase the official teamwork, as well as an effective education system, the college has an adequate resource which is used for many purposes for the betterment of the college dignity as well as quality educational activities.

**The Context:-** In our college, students come from various socio-economic backgrounds, most of the students belong to poor family backgrounds, so it is not easy to implement this type of activity on the basis of technology.

However, the college manages information communication technology (ICT) for the teaching and learning process. College uses their resources to develop learning expenses, to develop an aptitude for analytical and practical purposes to fulfill the requirement.

**The Practice:-**

- 1.The College has a facility of computers with LCD projector and equipped room for conducting lecture and conference.
- 2.The College has a smart classroom that is a unique and powerful methodology of learning.
- 3.The college provides an online e-library i.e. INFLIBNET to the student and fulfills their requirement to learn e-book, e-magazine, journals, e-newspapers, e-articles, etc.
- 4.The college has 35 computers with internet facilities for the academic activities of teachers and students.
- 5.The college has 5 projectors, two computer labs for the teaching-learning process by students and college faculties.
- 6.Our college uses different software and website for education such as NPTEL. The students access the various educational websites for preparation of different competitive examinations and academic-based learning.
- 7.With proper technical instructions of computer faculty, students get benefited to fulfill their requirements.
- 8.Our college administration has planned to secure the data stored in computers and also has planned to pay attention to the browser warning system for Facebook, Twitter, Google, YouTube, and other social network sites which are integral parts of our daily use. We also provide security to avoid misuse of the college web page.

### **Evidence of success:-**

There is one smart classroom for students. By the use of a smart classroom and its effective learning system the students enable to enhance their confidence, as a result, their academic performance is increasing day by day.

1. Teachers are using ICT facilities for the preparation and presentation of lectures.
2. By the use of an online e-library facility, the students and the faculties can get their study materials quickly.
3. The discipline committee makes surveillance of all academic activities through CCTV cameras and takes action faster.
4. Computer technologies have fulfilled the dream of students even after having a shortage of resources.

### **Problems Encountered and Resources Required:-**

1. Sometimes a technical problem occurs like low-speed internet.
2. The major problem we get is a lack of genuine software.
3. We provide learning facilities to the students at college but they don't have any equipment at their home, which affects the learning efficiency. We have only one smart classroom which is not adequate.
4. Unavailability of expert technical staff and proper training skills causes a lack of motivation from both teacher and student side to use ICT. We also face a lack of the latest ICT modules and equipment.

### **Practice – II**

**Title of the Practice:** - Awareness about Health and Hygiene.

**The objective of the Practice:** Health is Wealth means good health is the real treasure. A healthy life enables one to remain positive and face all life challenges. The Dr. Jwala Prasad Mishra Government Science College Mungeli is located in such an area, where most of the students belong to middle and poor-class families. They sometimes seem not much care for health and hygiene. They might be caused by malnutrition & normal hygiene; they have a lack of awareness.

Our college is very conscious about the overall health of the students and constituted Youth Red cross society and some other health-related programs for students to fulfill the objective.

### **The Context:-**

Health is defined by World Health Organization (WHO) as, a “State of complete physical, mental, and social well-being, and not merely the absence of disease or infirmity.”

Our college has been taking some very useful & necessary action on health & hygiene related to students as well as surrounding locality with the help of medical officers from district hospital Mungeli and other sources.

Moreover, the college organized a program about Handwashing and Sanitizing in the college. Our college



is determined to make overall health maintenance of the students.

### **The Practice:-**

- 1.Our maximum students are from villages and have agriculture background and they do laborious work at the field that's why they are fit and have a good immune system. In addition to this our sports teacher informs them about exclusive exercises and Yoga too for a more strong and active body.
- 2.For physical health, we instruct the students about the few dedicated efforts, including regular exercises and consumption of a lot of water. Water regulates all our body processes.
- 3.The students also suggested not to consume junk food all the time not smoke or drink as it has serious harmful consequences and try to take adequate sleep regularly instead of using the phone.
- 4.For mental health, we have a view **"me time"** it suggests the students, as well as the teachers, have their timekeeping apart from the day. The **"me time"** helps to reduce stress and feel calm in mind so that a person can perform better.
- 5.Dedicated counseling and mentoring by the teachers also help boost confidence and provides moral and psychological support to the students.
- 6.For social health, we organize social gatherings, debates, and many more activities so that the students can broaden their attitudes. Moreover, when a person is friendly and attends social gatherings, he will definitely have good social health. The students maintain their social health by effectively communicate well with others.
- 7.To sharpen the brain of the students, games like Chess, puzzles, and more are being played in the college.

### **Evidence of success:-**

- 1.We provide a platform for students a free and regular checkup, getting free medicine from government hospitals. Our college is spreading health-conscious awareness to the college students and also in the villages nearby the college.
- 2.The college organized a hemoglobin and eye test program in December 2015.
- 3.The college organized a health camp on 04.01.2019 at village Chakarbhatha by the effort of the NSS program officer. Many villagers benefited from free health checkups and medicines.
- 4.Health camp again organized at village Karupan on dated 11.08.2020.
- 5.College not only organized health awareness program in college only but also planned and implemented it to out of the college, such as Health awareness program organized nearby new bus stand Mungeli.
- 6.NSS students teach the villagers, how to keep clean their surroundings and water sources. Our colleges also try to provide bleaching powder to villagers to keep their surroundings clean.
- 7.During covid-19 the pandemic days, the college worked on noticeable activities for health and hygiene such as convincing people to use sanitizer and masks. Our college organized one-day training for self-help groups to make masks at their home.
- 8.In Yoga Diwas, Pranayam, Kapalbhanti, Anulom-Vilom and Yogasanas were done.
- 9.Students who are facing health problems and from the poor family background are getting treated.
- 10.Awareness about some complex diseases like AIDS, TB & Hepatitis, etc.
- 11.Our college runs a continuous awareness program as a result we get the whole community in the college to be highly hygiene conscious. The students and the teachers make efforts to keep the campus clean and green and whenever any deviation is observed it is immediately attended. Our students are hygiene representatives and applying these practices in nearby villages and localities.

12. Our college has a setup of RO plant for drinking water, neat and clean toilets, waste management, etc. have always been motivating for the students to follow suit.

#### Problems Encountered and Resources Required:-

1. As this region has a rural and poor background, so it is a very difficult task to aware people due to lack of education. We worked at ground level and faced many problems such as the people didn't agree to follow advice.
2. The College tries to make health checkup programs with medical officers but due to the lack of availability of Doctors, we face many problems.
3. Sometimes we also face the problems of unavailability of medicines and first aids in the college.
4. We consider mental illnesses taboo.
5. Sometimes it is difficult for the students to take part in all such activities with full enthusiasm.

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

### 7.3 Institutional Distinctiveness

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

##### Response:

The triumph of science is seen everywhere in life. According to Bertrand Russel, science has changed the face of the earth and the world has changed more during the last 150 years than during 4000 years prior to that.

The control over science for the welfare of mankind will only come when there will be the thought of 'VISHVAKALYANAYA' in the mind.

As the great dramatist of English Shakespeare has said;

**“There is nothing either good or bad,**

**But the thinking makes it so.”**

The personalities behind the motto that led Mungeli to open the science college with such motto, and their vision to show the path towards the blessings of science to instill in the students of Mungeli were great. **“VISHVAKALYANAYA VIGYANAM”** The quote signifies how we can use science in its fullest

form for the welfare of the whole world.

Our college has forwarded the mission and the vision of the motto “VISHVAKALYANAYA VIGYANAM” in our society always like it;

1. Human welfare should be the ultimate goal of science because in the end we will not inhabitants of the same world whose actions affect our fellow human beings.
2. To provide an opportunity for a qualitative education to the students so that they can play a positive constructive role in an educated society.
3. To make aware, the students of the society who are economically and academically backward, about the significance and worth of higher education. To ensure that higher education is available to all, and the backward class of the society gets equal opportunity.
4. In the scientific age, to inculcate a scientific understanding and to produce skilled personalities in this region to serve mankind.
5. To give such an environment to the young students and strengthen their self-confidence, feeling of equality and embark an attitude of research in their personality.
6. To use education for the continuous upliftment of its stakeholders (beneficiaries) where men and women play a vital role in a welfare society filled with knowledge.
7. All the activities of the college will be focused on inspiring the students for building a society where the right to equality and dignity of the personality is observed.

Our college works to improve quality education, co-curriculum, and extra curriculum activities. The result of our college improves year by year which indicates adequate progress of our college. The post-graduation courses are running in our college in the subjects like Physics, Chemistry, Botany, zoology, Mathematics simultaneously a professional course like B.C.A. is also running in the college.

The college has made its own system to provide education through both online and offline modes. Our college faculty uses ICT tools in their teaching to enhance the understanding and learning of students.

There are more than 16500 books in the college library and the college has its own e-library software.

The library has an N-List facility for the use of students and faculty.

### **Success story;**

1. Our college is the only college in the district, where Postgraduate courses in science are being run.
2. At the time of establishment, there were only 09 students and now it has increased up to 700 students.
3. A newer stream such as B.C.A. is offered in the college.
4. Some of the students got success in National and state-level Eligibility test and got better private and govt. job.
5. The students of our college get a position in the merit list of the university and also get Gold medals.
6. The NSS volunteers get the opportunity to take part in state and national level camps. We have the maximum number of students who got ‘C’ certificates in the year 2019-20.

The college has proposed to start a P.G.D.C.A. and B.Sc. Computer science courses in the coming years.

Our college is the lead college of Mungeli district.

We endeavor to give higher education a new form by linking it to meaningful livelihood and social commitments so that the students of this college can lead a traditional education to modern perspectives. Our students got a position in the university and get gold medals. Our Ex. students have been serving in many prestigious positions.

The name of the college in the year of the establishment was Government Science College, Mungeli.

In the year 2003, the government of Chhattisgarh changed the name of the college after the great freedom fighter of Mungeli, 'Dr. Jwala Prasad Mishra and became 'Dr. Jwala Prasad Mishra govt. Science College' by a memo no. F / 73-1 / 16/2003/38 Raipur dated 29.08.2003.

The college has been completed its 33 years of being of high quality and constantly moving forward in higher education. The college has expanded its resources in the right direction to the maximum with the invaluable support of the Jan Bhagidari Committee. Apart from this, we have an active unit of the National Service Scheme functioning in the college. The sports department has established many records in the college.

Overall development of students is a priority of our college staff and administration. Much effort has been made to create a better education environment in the college. The college is a science college and is taught science and its uses towards welfare to mankind, as our ancestors envisioned science for "VISHVAKALYANAYA VIGYANAM" will not only make the students well educated, learned and also good human beings.

'SCIENCE IS THE KEY WHICH UNLOCKS FOR MANKIND THE STOREHOUSE OF NATURE.'

File Description	Document
Link for any other relevant information	<a href="#">View Document</a>
Link for appropriate web in the Institutional website	<a href="#">View Document</a>

## 5. CONCLUSION

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### **Additional Information :**

Dr. Jwala Prasad Mishra Government science College Mungeli is the lead college of the district. The college has the study center of Pt. Sunderlal Sharma Open University, Bilaspur Chhattisgarh.

The college is also being made coordination center for different competitive examinations of the Chhattisgarh Professional Examination Board.

We have sent a proposal to the department of higher education for new courses like PGDCA and B.Sc. Computer science.

### **Concluding Remarks :**

The institution is one of the largest growing institutions of Mungeli. The numerical strength of students is increasing continuously with the rate of 100% in the last five years at the U.G. level. The examination result of the institute is par excellence i.e. more than 90%. Teachers are actively participating in research activities. Extension activities are concerned the NSS and YRC are doing excellent work.

The college administration is committed to provide a ragging-free, eco-friendly, disciplined, and peaceful atmosphere to our students.

*Since its establishment in November 1986, the college started with 09 students in a laboratory of agriculture department of govt. school building but now it has its campus where now more than 600 students are studying.*