

ANNUAL QUALITY ASSURANCE REPORT

(AQAR)



2017-18



SUBMITTED TO
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL, BANGALURU
BY
INTERNAL QUALITY ASSURANCE CELL (IQAC)
GOVT.V.Y.T.PG.AUTONOMOUS COLLEGE, DURG, CHHATTISGARH
(REACCREDITED BY NAAC WITH “A+” GRADE III-CYCLE)
(SELECTED FOR UGC “CPE” SCHEME PHASE-III)
(INCLUDED IN STAR COLLEGE SCHEME OF DBT, NEW DELHI)
(AWARDED 1st RANK BY DEPARTMENT OF HIGHER EDUCATION, C.G.
GOVT. UNDER PANCHMUKHI YOJANA)
(SELECTED FOR PREPARATION OF NATIONAL HIGHER EDUCATION
QUALIFICATION FRAMEWORK BY MHRD, NEW DELHI)

OFFICE OF THE PRINCIPAL
GOVT. V.Y.T.P.G. AUTONOMOUS COLLEGE, DURG 491001(C.G.)
(Former Name – Govt. Arts & Science College, Durg)
NAAC Grade-A+, CPE Phase-III , DBT-Star College
Ph.: 0788-2359688, Fax: 0788-2359688
Website: www.govtsciencecollegedurg.ac.in

No./ 1141 /2018/ Durg, Dated 30.07.18
To,

The Director
NAAC
Post box no. 1075
Opposite to National Law school of India University
Nagarbhavi Banguluru- 560072

Subject :- Submission of AQAR Report 2017-18 Track ID CHCOGN11122
Govt. V.Y.T.PG Autonomous College, Durg (C.G)

Sir,

With reference and subject cited above, please find AQAR Report for 2017-18 of GOVT. V.Y.T.P.G. AUTONOMOUS COLLEGE, DURG (C.G.) for your necessary action.

Regards.


(DR. S.K. RAJPUT)
PRINCIPAL
GOVT. V.Y.T.PG AUTONOMOUS COLLEGE
DURG (C.G)

**The Annual Quality Assurance Report (AQAR) of the IQAC
GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG (C.G.)**

Part – A

AQAR for the year (for example 2013-14)

2017-18

I. Details of the Institution

1.1 Name of the Institution

Govt. V.Y.T. PG Autonomous College, Durg

1.2 Address Line 1

G.E. Road, Durg

Address Line 2

-

City/Town

Durg

State

Chhattisgarh

Pin Code

491001

Institution e-mail address

pprinci2010@gmail.com

Contact Nos.

0788-2359688

Name of the Head of the Institution:

Dr. S. K. Rajput

Tel. No. with STD Code:

0788-2359688

Mobile:

09425211073

AQAR 2017-18

Name of the IQAC Co-ordinator:

Dr. Jagjeet Kaur Saluja

Mobile:

9977717571

IQAC e-mail address:

lqac.vyt@gmail.com

1.3 NAAC Track ID (For ex. MHC0GN 18879)

-

OR

1.4 NAAC Executive Committee No. & Date:

EC/SC/22/A & A/21.3 dated 22-02-2017

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address:

www.govtsciencecollegedurg.ac.in

Web-link of the AQAR:

www.govtsciencecollegedurg.ac.in/AQAR 2017-18.doc

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B+	2.7	2005	2010
2	2 nd Cycle	A	3.10	2011	2016
3	3 rd Cycle	A+	3.58	2017	2022
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

15/09/2005

AQAR 2017-18

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

i. AQAR 2012-13	06/06/2013	(DD/MM/YYYY)
ii. AQAR 2013-14	13/07/2014	(DD/MM/YYYY)
iii. AQAR 2014-15	30/07/2015	(DD/MM/YYYY)
iv. AQAR 2015-16	01/08/2016	(DD/MM/YYYY)
v. AQAR 2016-17	27/07/2017	(DD/MM/YYYY)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution (UGC) Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

Hemchand Yadav University, Durg (C.G.)

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc – UGC CPE Phase III; DST-FIST; DBT –STAR College

Autonomy by State/Central Govt. / University	<input type="text" value="Yes"/>		
University with Potential for Excellence	<input type="text" value="-"/>	UGC-CPE	<input type="text" value="Phase-III"/>
DST Star Scheme	<input type="text" value="Yes"/>	UGC-CE	<input type="text" value="-"/>
UGC-Special Assistance Programme	<input type="text" value="-"/>	DST-FIST	<input type="text" value="Yes (2006-09)"/>
UGC-Innovative PG programmes	<input type="text" value="-"/>	Any other (<i>Specify</i>)	<input type="text" value="-"/>
UGC-COP Programmes	<input type="text" value="-"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="06"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="03"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="02"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="02"/>
2.9 Total No. of members	<input type="text" value="18"/>
2.10 No. of IQAC meetings held	<input type="text" value="04"/>

AQAR 2017-18

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No
If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

District Level

(ii) Themes

- District level workshop on new NAAC Accreditation process.
- Institution level workshop for newly appointed teachers about effective teaching.
- Workshops on preparation for NAAC accreditation conducted at various colleges by the IQAC members of this institution.
- Quality circle meeting of Higher Education institutions of Durg District
- DST sponsored Inspire Science Autumn Camp 2017.
- 16th CG Young Scientist Congress was jointly organized with BIT Durg under the banner of Durg University Durg.
- Invited talk of Shri Balasubramaniam of Indian Space Research Organization (ISRO) was organized in the College.
- One day training programme on Cashless banking was organized for students and staff.
- One month training programme named as “Chief Minister Independent Scheme” was organized in the College.

2.14 Significant Activities and contributions made by IQAC

- Academic Audit of all the departments was done by IQAC & faculty members of the various department are informed for better improvement.
- PTSA (Parent Teacher Student Association) is in function in the college.
- The IQAC members of the institute conducted many workshops on preparation for NAAC accreditation at various institutions in the district.
- The Durg District Quality Circle was coordinated by the IQAC of the institution.
- The IQAC members also extended consultancy services to 14 institutions in the surroundings.
- Conducted one day workshop for part time/Guest faculty members.
- News letter entitled “*College Samachar*” was prepared by IQAC Members.
- IQAC motivated faculty members to publish research papers in peer reviewed Journals and apply for major and minor research projects. IQAC provided prescribed formats for projects and other details to faculty members and research scholars.
- Obtained and analyzed feedback from all stakeholders like students, teacher, alumni etc. suggestions given by the stakeholders are implemented accordingly.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Outcome
<p>Curricular aspects :</p> <p>1.Meeting of Board of studies in each department were conducted. Curriculum was updated as per the need of the society and industry. External and Internal Experts members along with students representative and one senior faculty member of the college was also present during the meeting.</p> <p>2. New pattern of question paper, containing objective type, short answer and long answer type questions has been continued in UG and PG classes.</p>	<p>The reforms introduced in the curriculum is well received by the students, as they find it helpful in preparing for competitive examination and getting Job in near by Industries.</p>

<p>Teaching, Learning and Evaluation :</p> <ol style="list-style-type: none"> 1. Four New smart class rooms are established in the college. Teachers and students are Encouraged to use these smart class rooms during daily teaching. 2. More lectures on some important topics related to syllabi by our faculty members are made available to students as a e-resources. 3. Excursion/study tour was made compulsory in field related subjects and it is mandatory for each student to submit excursion report in the concerned department. Marks are also allotted for the same. 4. Seminar presentation through power point is made compulsory in PG classes and for research scholars during Pre-Ph.D. submission viva. 5. With the help of external experts academic audit of all the departments was conducted. 7. Study centre of IGNOU, New Delhi and Pt. Sundar Lal Sharma Open University, Bilaspur is in operation. 	<ol style="list-style-type: none"> 1. Teaching, learning to power point presentation and use of ICT played vital role for up-gradation of students ICT knowledge. 2. These e-resources are very helpful for students to understand their respective subjects in better way. 3. Study tour/excursion play important role to understand subjects based on field studies. 4. Seminar presentation is very important for the development of communication skills of the students. 5. Academic audit creates healthy competition among students and staff members. 7. The distance learning in the open university has provided easy access to continue pursuing higher education for the dropouts as well as professionals.
<p>Research consultancy and extension :</p> <ol style="list-style-type: none"> 1. To collaborate national and international institutions of high repute. 2. To promote research activities IQAC has motivated the faculty to pursue more and more research projects and publish research papers in the 	<ol style="list-style-type: none"> 1. Research project - Major – 02, Minor- 05 2. Publications- International – 103, National- 84 3. Seminar/conferences/workshops attended International – 28, National- 86, State- 18 4. Collaborations – 17

<p>journals with high impact factor.</p> <p>3. Faculty members are encouraged to participate and present their research papers in National/International Seminars/Conferences.</p> <p>4. Inter departmental Scientific exhibition was also organized on the occasion of National Science Day.</p> <p>5. 16 CG Young Scientist congress was also organized in association with durg University Durg with a view to provide bigger platform to research scholars of our College.</p>	<p>5. Linkages created - 02</p> <p>6. Research Scholars receiving scholarships/fellowships</p> <p>1. Post Doctorate Fellowship – 01</p> <p>2. JRF – 17</p> <p>3. SRF- 02</p> <p>4. Project fellow – 04</p> <p>5.Others – 08</p>
<p>Infrastructure and learning resources :</p> <ol style="list-style-type: none"> 1. Fourteen new class rooms has been constructed with the help of RUSA fund. 2. To enhance the learning resources the institute plans to construct four more ICT enabled smart class rooms. 3. Renovation and up-gradation of labs and class rooms. 4. Construction of hostel for girls is in progress and new 100 seater boys hostel is available to students. 5. Free Wi-Fi campus. 	<ol style="list-style-type: none"> 1. New IQAC room has been established. 2. New seminar hall named after <i>Gajanan Madhav Muktibodh</i> has been established 3. Three New Smart class rooms are provided for Interactive teaching learning & two smart class rooms construction has been started. 4. New reference section for research scholars is established in the central library. 5. Construction of 50 seater girls' hostel and 100 seater boys' hostel is under progress. 6. New Computer lab is also under construction. 7. Construction of 14 new class rooms with the fund provided by RUSA is also in progress. 8. New room for NSS girls wing and Youth Red Cross society have been established. 9. Establishment of the Office for the Coordinator of Pt. Sundar Lal Sharma Open University. 10. Free Wi-Fi internet facility is also provided to all students and staff. 11. Intercom Facility for all department has been established.

<p>Student support and progression :</p> <ol style="list-style-type: none"> 1. To establish Help desk and Reception counter for providing complete information to students and parents & Other stakeholders. 2. To provide Scholarship facility and book bank & post metric hostel facility to SC/ST/OBC and economically weak students. 3. To organize more campus interviews. 4. To establish Socio-Psychological counselling cell jointly by department of Sociology and Psychology. 5. To organize various programmes under the banner of Woman cell, SC/ST cell, Training and Placement cell, Literary Activity cell, cultural programme committee & Sports committee, NCC, NSS, Youth Red Cross etc. 6. To provide special facilities in the Girls common room & reading room in the library. 7 To conduct coaching classes for competitive examinations by “<i>Jan Unnayan</i>” , the NGO formed by the faculty members. 8. To organize Alumni and PTA meetings for feedback and suggestions. 	<ol style="list-style-type: none"> 1. A help desk & reception counter is established in the College near administrative office. 2. More than three thousand five hundred students of UG & PG level received scholarship in 2017-18. Approximately 168 students got admission in College hostel & Post metric hostels. 3. Thirteen campus interviews were organized in the College by various reputed companies & about 76 students have been selected to these campus interviews. 4. Various students got benefitted by the counselling done by the Professor in-charge of socio-psychological counselling Cell. 5. Various Programmes like Seminars, Workshops, Exhibition, Debate, Essay Competition, Cultural Programmes, Sports activities, Yoga & blood donation camps, NCC,NSS campus were organized for the benefit of the students in the year 2017-18. 6. New furniture, sanitary napkin vending machine, water purifier have been provided in the Girls Common room. Similarly new television set, furniture, E-resources facility & reprographic facilities are provided in the Library to all users.
<p>Innovative and best practices :</p> <p>Innovative practices</p> <ol style="list-style-type: none"> 1. To provide consultancy services to other colleges for preparation of NAAC accreditation, Rusa and other quality related issues. 2. To carry out Academic audit, green audit, energy audit and gender audit of the institution. 3. To organize workshop meetings of Durg District Quality Circle. 	<ol style="list-style-type: none"> 1. With a view to provide valuable information regarding NAAC accreditation process, academic audit and quality enhancement, IQAC members of the college presented invited talks in more than 65 colleges of Durg, Raipur and Rajnandgaon Districts. 2. Quality culture among the nearby colleges is enhanced through activities of District Quality Circle. 3. A clean and healthy environment is one of the most desired pre- requisites of the college. To accomplish this, the college emphasizes on adopting some regular practices and bringing environment consciousness to the main and allied campus through various endeavours.

<p>4. Environment Consciousness</p> <p>5. Energy conservation</p> <p>6. Use of Renewable energy</p> <p>7. Water harvesting</p> <p>8. Plantation</p> <p>9. Environmental Awareness Campaign in three near by villages Khamaria, Thanoud and Karanja Bhilai</p> <p>10. Organization of Sickle Cell Anaemia Testing and Awareness Camps</p> <p>11. Free Community Consultancy Services rendered by Department of Geology.</p> <p>12. Laboratory Training Programme for School Students and Teachers</p> <p>13. Jail furniture</p> <p>14. Examination invigilators outsourced</p> <p>15. Examination Reform</p>	<p>4. Use of energy efficient CFL and LED bulbs in most of the teaching departments, library, seminar- halls and laboratories.</p> <p>5. To keep the college green and clean, every year trees are planted and necessary requirements like water, fencing and fertilizers are provided by the college administration as and when needed.</p> <p>6. Following steps are taken to make our college campus clean and green-</p> <ul style="list-style-type: none"> • To make green a reality, NSS, NCC units along with other students and staff undertake maintenance and plantation of trees in the campus. <p>7. Efforts are undertaken to reduce the use of plastic bags and bottles in the campus. Waste generated from Microbiology and Biotechnology laboratories (culture media) is auto cleaned and then disposed to drainage system.</p> <p>8. Many of the departments are involved in this programme, putting their best efforts in an endeavour to translate theoretical knowledge into practice.</p> <p>9. The department of Biotechnology has been running this programme since last ten years in succession.</p> <p>10. To make the rural populace aware of the causes and consequences of Sickle Cell Anaemia, department of Sociology and NCC, NSS unit of the college have jointly organized awareness drive.</p> <p>11. Department of Geology gives consultancy services and expert advise in connection with geological disturbances on earth surface, to District Administration, Durg.</p> <p>12. The departments of Physics, Chemistry, Botany, Zoology, Biotechnology and Microbiology have undertaken this programme with an aim to improve the quality of learning among higher secondary school.</p> <p>13. The Psychology department has held awareness drive amongst school students in nearby schools.</p>
<p>Best Practices</p> <p>1. Adoption of three nearby villages for Bharat Swachhata Programme and Environment Awareness Programmes in near by villages –</p>	<p>Our college has adopted three near by villages named as Khamaria, Thanoud and Karanja Bhilai for summer internship programme of central government. Under this scheme Principal, faculty members and students visited each village many times and actively participated in cleanliness drive. Besides this, awareness campaign for environmental conservation, health awareness programme, literacy programme, Beti Bachao-Beti Padhao etc. were also conducted in these villages. Villagers residing in these villages were benefitted. As per the norms students and faculty members spend approximately 100 hours in each village and contribute their efforts.</p>
<p>“CAMPAIGN FOR EMPHASIS ON</p>	<p>Objectives:</p>

<p>QUALITY EDUCATION IN OUR COLLEGE AND NEAR BY INSTITUTIONS”</p>	<p>“Campaign For Emphasis On Quality Education In Our College And Near By Institutions” is started with the following objectives-</p> <ul style="list-style-type: none"> • The desire to build a ‘Knowledge Society’ around. The initiative aims at creating quality consciousness amongst colleges in the state. • The College in recognition of its standing as the First ‘A’ grade college of the state felt its responsibility to guide institutions across the state in achieving similar standards. • Being the lead college of the state and having worked closely with the State Quality Assurance Cell the college has had the opportunity to understand the urgent intervention required in colleges to enhance the quality of services being delivered. • As the premiere college of the state the college also has realized the necessity of pooling of resources and sharing of information amongst colleges to help facilitate the sharing of expertise. <p>The Practice:</p> <p>Being the first ‘A’ Grade College in the State of Chhattisgarh and the lead College in the area, the College has been looked upon by other colleges in the state as an inspiration and mentor. Having had the honour and privilege of being a well recognized institute, the college has over a period of time developed a close association with other colleges through interactions with their administration and staff members. Discussions at various platforms have brought in an understanding and clarity as to the requirements of other institutes.</p> <p>Being the Nodal College of Durg district, our College in coordination with the State Govt. has been assigned the responsibility to look into the administration and academic development of 55 govt. and private colleges in the district. Various outreach and extension measures aimed at quality enhancement and consultancy services are being provided for such purposes in these colleges.</p> <p>The most appreciated initiative in this direction has been the ‘Assessment and Accreditation consultancy’ being provided for neighbouring colleges. Necessary consultancy services regarding NAAC parameters and preparation of Self Study Report (SSR) are being provided to various colleges. In the year 2015-18, around 36 Extension</p>
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	<p>Lectures on NAAC parameters were delivered by IQAC members across these Colleges. The purpose was to remove ambiguity and help them develop clarity towards the accreditation process.</p> <p>Evidence of Success:</p> <p>This activity as a practice aimed at quality improvement has been recognized as a joint collaborative effort between the govt., lead college and all stakeholders concerned in the long run. Keeping up with this viewpoint, the college has been guiding various colleges across the state towards quality consciousness. Various efforts at enhancing awareness amongst colleges through lecturers and district quality circle meets have made quality enhancement the prime concern for every college. They have now realized the immediate need to get accredited and in the process move towards major institutional qualitative reforms.</p> <p>The most relevant impact of this practice has been the introduction of a certain amount of discipline and organized functioning amongst colleges be it in terms of maintenance of records or standard of services being delivered. Benchmarking of Quality has become a priority and colleges from the most remote areas of the district have been reporting introduction of similar best practices that aim at qualitative improvements within the campus.</p>
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* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

N.A.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	14	-		-
PG	13	-	04	-
UG	03	-	02	-
PG Diploma	01	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	31	-	06	-
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	18
Trimester	-
Annual	05

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

*Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Reforms and Reframing of Curricula:

- According to UGC guidelines to units human rights has been included in compulsory paper of environmental studies.
- Credit Based Semester System (CBSS) is adopted at PG level. The syllabus is divided in 04 units with a credit distribution of 05 marks per unit.
- College has received permission from Department of higher education to start Master of Social Work (MSW) from the session 2018-19.

Criterion – II**2. Teaching, Learning and Evaluation**

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
82	51	-	29	2

2.2 No. of permanent faculty with Ph.D.

76

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
	08	-	-	-	03	-	-	-	11

2.4 No. of Guest and Visiting faculty and Temporary faculty

16

-

17

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	29	142	17
Presented papers	23	71	12
Resource Persons	05	23	27

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Most courses in Arts and Humanities predominantly follow the lecture method while the Science and Computer Subjects, as per the demands of the course content give adequate attention to practical and laboratory classes as well.

Participative Teaching learning method : Apart from the conventional class room interactions, students are engaged in seminar, poster and power point presentation, field and industrial visits. Seminar, project work, home assignments and power point presentations and these are an integral part of the syllabi in all the PG departments.

Socio-economic surveys: These surveys are a part of the project work done by the PG departments in Arts and Humanities. This not only generates a huge database on socio economic scenario, impact of Govt. policies on society and the status of the marginal section of the society, but also provides an opportunity to the students to interact with the society.

Extension activities are a regular feature of the academic societies of the teaching departments, which provide students an opportunity to get connected with the ground realities of the society in the neighbourhood.

Field and Industrial visits: Field and industrial visits provide opportunity to acquire knowledge and skill to the students so that they could enrich their learning experience.

2.7 Total No. of actual teaching days during this academic year 182

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. The pattern of question paper at UG and PG level has been reformed. Objective type, Short answer type and long answer type questions have been included.
2. Bar coding and other security measures have been introduced in the mark sheets provided to students under Autonomous scheme.
3. Provision to download the mark sheets from the college website .

2.9 No. of faculty members involved in curriculum

Restructuring /revision/syllabus development

as member of Board of Study/ 86

Faculty Development workshop 09

Curriculum Development workshop 33

2.10 Average percentage of attendance of students 75

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Com.I	386	-				80.92
B.Com.II	372	-				72.83
B.Com.III	281	-	37	152	11	76.17
B.A.I	402	-				52.29
B.A.II	281	-				59.63
B.A.III	198	-	13	62	04	45.41
B.Sc.I	968	-				62.23
B.Sc.II	687	-				56.94
B.Sc.III	398	-	111	220	03	87.21
B.C.A.I	50	-				23.26
B.C.A.II	29	-				76.28
B.C.A.III	23	-				37.82
B.Lib & Isc.	22	-	12	06	01	92.13

PG Second Semester Examination Result May-June 2018

S.No.	Subject	Appeared	Passed	Pass (%)
1	Physics	25	24	96.83
2	Chemistry	29	26	89.65
3	Mathematics	55	52	94.54
4	Botany	24	19	79.16
5	Zoology	28	25	89.66
6	Geology	06	05	83.33
7	Microbiology	19	14	73.68
8	Biotechnology	21	21	100
9	Hindi	18	12	66.66
10	English	17	10	58.82
11	Economics	08	08	100
12	Geography	20	19	95
13	Political Science	24	20	83.33
14	Sociology	20	20	100
15	History	18	16	88.88
16	Commerce	78	72	92.30

PG Fourth Semester Examination Result May-June 2018

S.No.	Subject	Appeared	Passed	Pass (%)
1	Physics	25	25	100
2	Chemistry	25	21	84
3	Mathematics	38	32	84.21
4	Botany	23	21	91.30
5	Zoology	21	20	95.24
6	Geology	05	04	80.00
7	Microbiology	17	16	94.11
8	Biotechnology	18	18	100

9	Hindi	22	21	95.45
10	English	17	15	88.23
11	Economics	11	11	100
12	Geography	20	20	100
13	Political Science	20	19	95
14	Sociology	09	09	100
15	History	12	12	100
16	Commerce	68	62	91.17
17	PGDCA (II Sem.)	104	93	89.42
18	M.Lib. & I.Sc. (II Sem.)	20	20	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes?

IQAC of the college plays vital role in implementing various measures for over all development of the students. Teaching, learning and evaluation are integral parts of any Higher Education Institution. IQAC of the college has taken the following steps in this connection -

- In the beginning of the academic year, a timetable and an academic calendar are prepared. It is ensured that lectures are engaged by the staff as per the timetable, and they are recorded in academic diaries. The timetable committee, Principal and IQAC monitor the execution of academic, co-curricular and extra-curricular activities and ensure the achievements of learning outcomes.
- Students/ parents/ Alumni feedback.
- Written feedback from external/internal examiners.
- Academic calendar, Teaching plan, and Academic audit.
- Technologies like smart boards, softwares, Power Point presentation through LCD projectors are used to enhance learning.
- Workshops and seminars on quality education and sustenance are frequently organized in order to get exposure to the emerging trends and strategies for developing the curriculum.
- The department obtains feedback in informal ways from all the stakeholders periodically. IQAC also obtains feedback in a formal format once in a year from both UG and PG students. Informal feedback is also taken from subject experts, with industry personnel who provide valuable inputs for enriching the curriculum.
- A feedback format is designed and developed by College IQAC for students, parents and alumni respectively. The formats get filled and collected by a group of faculty members, an analysis report is made and communicated to the respective departments during meetings.
- There is a provision of Academic Audit in the college. Annual reports are submitted by the departments, which is evaluated by internal as well as external members of IQAC. An evaluative report with numerical markings and indicative measures are communicated to the departments and State govt. of Chhattisgarh by IQAC.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	06
UGC – Faculty Improvement Programme	06
HRD programmes	21
Orientation programmes	04
Faculty exchange programme	03
Staff training conducted by the university	-
Staff training conducted by other institutions	06
Summer / Winter schools, Workshops, etc.	69
Others (DST Inspire Autumn Camp)	02

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	26	02	-	28
Technical Staff	23	03	03	-

Criterion – III**3. Research, Consultancy and Extension**

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- 198 research scholars are pursuing research in 14 departments recognized as research centers by the university in the session 2017-18.
- IQAC has provided necessary information to all faculty members and research scholars regarding fellowships, major and minor research projects, seminars, workshops & refresher & orientation courses in the prescribed formats.
- Faculty members and staff are encouraged by IQAC to publish their research papers in peer reviewed journals with impact factor.
- IQAC played a vital role to publish multi disciplinary peer reviewed research journal entitled “Research Expression” by the college administration.
- Research committee has been constituted on the recommendation of the IQAC in the college to encourage and help researchers.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	04	-	06
Outlay in Rs. Lakhs	39.16 Lakhs	1.32 Crore	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	09	03	-	09
Outlay in Rs. Lakhs	38.75 Lakh	11.02 Lakh	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	32	78	08
Non-Peer Review Journals	19	83	-
e-Journals	11	16	-
Conference proceedings	16	12	-

3.5 Details on Impact factor of publications:

Range **1-6** Average **2.5** h-index **5** Nos. in SCOPUS **07**

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2017	DST, UGC, BARC, CG Medicinal Plant Board	181.76 Lakhs	31.92 Lakhs Final instalment
Minor Projects	2017	UGC, C-COST	15.75 Lakhs	3.80 Lakhs Final instalment
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	2017	College	1.00 Lakh	1.00 Lakh
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total			198.51 Lakhs	36.72 Lakhs

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
 DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	05	-	02	11
Sponsoring agencies	-	UGC & CG Cost	-	RUSA	College

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3.12 No. of faculty served as experts, chairpersons or resource persons

18

3.13 No. of collaborations

International

06

National

12

Any other

05

3.14 No. of linkages created during this year

04

3.15 Total budget for research for current year in lakhs :

From Funding agency

198.51 Lakh

From Management of University/College

3.26 Lakhs

Total

201.77 Lakhs

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist.	College
	-	1. UGC Rajiv Gandhi fellowship – 03 2. UGC Maulana Azad Fellowships-02 3. Junior research fellowship -17	CG Young Scientist award- 04	-	-	-

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them**45****198**

3.19 No. of Ph.D. awarded by faculty from the Institution (2017-18)

17

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF

04

SRF

01

Project Fellows

03

Any other

06

3.21 No. of students Participated in NSS events:

University level

06

State level

01

National level

02

International level

-

3.22 No. of students participated in NCC events:

University level	22	State level	06
National level	05	International level	-

3.23 No. of Awards won in NSS:

University level	-	State level	-
National level	-	International level	-

3.24 No. of Awards won in NCC:

University level	04	State level	04
National level	02	International level	-

3.25 No. of Extension activities organized

University forum	-	College forum	39		
NCC	06	NSS	04	Any other	18

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

Volunteering in their respective extension activities instills social commitment among students. Every department has its own academic association. The activities of Departmental Associations involve lectures, national and international seminars/conferences and workshops, social awareness campaigns and some interdisciplinary activities. Students are also involved with NCC, NSS and Youth Red Cross Society to fulfill their social responsibility.

Many of the departments are involved in this programme, putting their best efforts in an endeavour to translate theoretical knowledge into practice. Some of the activities carried out under this programme are as follows:

- I. Organization of Sickle Cell Anaemia Testing and Awareness Camps by Department of Biotechnology**
- II. Sickle Cell Anaemia Awareness Programme by Department of Sociology in association with NCC and NSS**
- III. Free Community Consultancy Services rendered by Department of Geology.**
- IV. Laboratory Training Programme for School Students and Teachers**
- V. Adoption of 3 village**
- VI. Diversity among Staff and Students**

- **SVEEP- Awareness programme for participative democracy:**

The Systematic Voters' Educational and Electoral Plan (SVEEP) for the Durg district is being conducted and managed by the college. Being the lead college our college was chosen to conduct the district and state level SVEEP programme. The college works in close collaboration with the district authorities and state government, for this programme.

- **Awareness Campaigns for Environmental Initiatives:**

Environment Education and environment awareness is being in focus in every academic institutes. The IQAC of our college organizes special classes for environmental studies for students of all the faculties. The projects based on environmental issues in the neighbouring area are conducted under the supervision of our faculty members.

Formation of Quality Circle among colleges in Durg district

Being the lead Institution of Durg district, the college provides consultancy services to various higher education institutions regarding quality enhancement, NAAC accreditation process etc. through district quality circle. The college organized workshops on quality issues viz. Quality sustenance, Capacity Building, Academic Audit etc.

Laboratory Training Programme for School Students and Teachers

The departments of Physics, Chemistry, Botany, Zoology, Biotechnology and Microbiology have undertaken this programme with an aim to improve the quality of learning among higher secondary school students, by providing them training with respect to conduction of practical and operation of various apparatus and instruments in the laboratory.

Criterion – IV**4. Infrastructure and Learning Resources**

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	20.25 acres	Nil	Nil	20.25 acres
Class rooms	48	14	RUSA	48
Laboratories	19	03 under construction	Rusa and department of higher education	22
Seminar Halls	03	03	Rusa and department of higher education	06
No. of important equipments purchased (≥ 1 -0 lakh) during the current year.	21	06	UGC 12th plan Rusa and department of higher education	27
Value of the equipment purchased during the year (Rs. in Lakhs)	-	15.5 Lakhs.	UGC 12th plan Rusa and department of higher education	15.5 Lakhs
Others (IQAC Room & Computer Section)	-	01	Rusa and department of higher education	01

4.2 Computerization of administration and library

Central library of the college is fully computerized. Book surfing, issue and return and all other related process of library are done through computerized process. UGC Soul Software is used in the library. All the books in the library are bar coded. Installation of CCTV Camera in library has been completed. OPAC software is used by the library users for searching of books. Installation of anti theft system is included under future plan of the library. E-resources like Sodh Ganga N-list is available for research scholars and faculty members. Reprographic facility is also available in the central Library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	95095	38694554	6152	632984	101247	39327538
Reference Books	9992	5761929	826	32905	10818	5794834
e-Books	100000	By N-List	-	-	100000	By N-List
Journals	96	268000	12	36000	108	304000
e-Journals	6000	By N-List	-	-	6000	By N-List
Digital Database	-	-	-	-	-	-
CD & Video	395	69600	04	2400	399	72000
Others (specify) Braille Books	57	5952	-	-	57	5952

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others (Autonomous Cell)
Existing	338 computers	06	158 computers	Nil	06	05 computers	25	05 computers
Added	20 computers	04	30 computers	-	06	04 computers	04	04 computers
Total	358	10	188	Nil	12	09	29	09

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

1. All Seminar halls & IQAC room are facilitated with LCD projector and Public address system.
2. Central Library of the college is fully computerized.
3. Three new smart class rooms have been established in the college.
4. Free Wi-Fi internet facility is available to all faculty members, non teaching staff, research scholars and regular students of the college.
5. Computer Networking through LAN system is implemented in Central Computer Lab.
6. In all PG departments seminar presentation through power point is made compulsory for PG students.
7. Almost all the UG and PG departments, library, language lab, commerce lab are provided with computer and internet facilities.

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4.6 Amount spent on maintenance in lakhs :

i) ICT	1,98,312
ii) Campus Infrastructure and facilities	48,38,389
iii) Equipments	11,84,328
iv) Others	5,62,129
Total :	6783158

Criterion – V**5. Student Support and Progression**

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC has created awareness about student support services by adopting following measures in the year 2017-18 :

1. Motivated various departments to conduct personality development programmes for students.
2. Special classes for first year students on Environmental Studies have been organized.
3. SMS alert systems, notice board (LFD) and college website for dissemination of information to students has been implemented as suggested by IQAC.
4. Special classes for communication skills have been arranged through IQAC in association with Department of English.
5. Feedback from students, alumni and parents is collected and analyzed.
6. Induction programme for newly admitted students.
7. Invited Lectures for personality development were organized.

5.2 Efforts made by the institution for tracking the progression

- Literary activities, cultural activities and various other extension activities.
- Regular mock campus interviews & General knowledge test.
- SMS alert system for parents for tracking the progression of their wards.
- Unit test, seminar presentation, terminal examinations and model test exam.
- Analysis of students results by autonomous examination cell.
- Feedback from external practical examiners and valuers of theory examinations.
- Group discussion during study tour.
- Parents-Teachers- Students- Association (PTSA) has been established.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4043	966	215	130

(b) No. of students outside the state

11

(c) No. of international students

Nil

Last Year (2016-17)						This Year (2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2395	515	573	1330	2	4815	1140	579	691	2940	04	5354

Men	No	%	Women	No	%
	2623	49%		2730	51%

Demand ratio **1:4**Dropout % **2%**

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Training & placement cell of the college is responsible for conducting coaching classes for competitive examinations and invited lectures for personality development & campus interview.
- Besides this, 'Jan Unnayan', an NGO run by the faculty members of the college arranges "Special coaching classes for various competitive examinations like UPSC, PSC, Railway and Bank etc. for regular students of the college at nominal fee. The NGO also provides free coaching to BPL meritorious students. The departments of Biotechnology and Mathematics provide special coaching for NET/ SLET aspirants.

No. of students beneficiaries

34

5.5 No. of students qualified in these examinations

NET	17	SET/SLET	50	GATE	04	CAT	-
IAS/IPS etc	-	State PSC	17	UPSC	02	Others	29

5.6 Details of student counselling and career guidance

- The Departments organize special invited lectures, interdisciplinary lectures and workshops.
- Faculty members are constantly engaged in both academic and personal counseling of the students.
- Induction/Orientation programmes conducted for first year graduation students to acclimatize them to college life and to facilitate smooth transition from school to college life.
- The College does provide personal enhancement and development schemes for students. During admissions students are guided and advised by a help desk and various admission committees to make the correct choice as per their desires and abilities.
- The heads and faculty members also contribute by taking special classes to help students as per the need.
- The aim is to build confidence and provide comprehensive and contemporary knowledge to students.
- The institution and all its stakeholders motivate students to participate in various co-curricular and extracurricular activities such as sports, cultural activities, NCC, NSS and Youth Red Cross to ensure all round development in students.

- The institution also involves its Language lab, Commerce lab and Computer lab in soft skills development such as Language improvement, understanding financial aspects and transaction and making students technology savvy.
- **Training and Placement Cell** has been established and monitors activities related to job notifications and opportunities, interview preparation, development of entrepreneurial skills, organizing of campus interviews besides ensuring maximum participation in campus recruitments and interviews. Training for Mock Interviews and Resume writing provided.

5.7 Details of campus placement:

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
12	276	152	271

5.8 Details of gender sensitization programmes

Gender Audit: The institution regularly conducts gender audit to retain gender parity amongst faculty, staff and students.

Salient Findings:

- Percentage of girls is increasing every year both in UG and PG classes. In the year 2017-18, 49% are boys students and 51% girls students.
- Girls student of backward & poor socio-economic classes have bigger share in admission.
- Success rate in examination of girl students is higher than boys.
- Participation of girl students is higher than boys in cultural activities & Sports.
- Faculty– Gender strength in regular teaching staff–
Female staff - 53 and Male staff – 36

The College has a well constituted Women Cell. It creates awareness for social and ethical issues among students and staff. The Cell also conducts gender sensitizing programmes by organizing lectures and seminars.

Nisha, student of B.Sc. Part III, was selected as the female ‘Gender Champion’ of our college, was felicitated by the college for her outstanding social work related to gender issues.

Apart from this, various committees and cells have also organized programmes such as ‘Save the Girl Child Campaign’, Awareness towards Legal Rights of women, special training programmes for skill development for girls.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level **53** National level **36** International level **01**

No. of students participated in cultural events

State/ University level **15** National level **05** International level **-**

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level **17** National level **04** International level **-**

Cultural: State/ University level **02** National level **03** International level **-**

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	-	-
Financial support from government	4143	10057000
Financial support from other sources	21	2547000
Number of students who received International/ National recognitions	04	623000

5.11 Student organised / initiatives

Fairs : State/ University level **-** National level **-** International level **-**

Exhibition: State/ University level **-** National level **-** International level **-**

5.12 No. of social initiatives undertaken by the students **12**

5.13 Major grievances of students (if any) redressed: NIL

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION

To empower the youth, especially belonging to the underprivileged sections of society, through quality education by inculcating philanthropic values and enabling them to meet the challenges of the contemporary knowledge-society.

MISSION

To translate the vision into reality the institution is committed to

- Embrace in its fold students from all sections and categories especially addressing to the needs of the first generation learners.
- Expose the students (especially the under-privileged ones) to variety of activities, academic and extra-academic, aiming at their overall development.
- Inculcate humanistic and social values in the students to motivate them towards community services.
- Kindle the entrepreneurial spirit in students.
- Inspire the young minds to develop the habits of critical thinking to achieve Creative Excellence.
- Promote quality research among the teachers and students.
- Sensitize the students on issues relating to ecology, environment, human rights and gender equality.
- Foster global competencies.

6.2 Does the Institution has a management Information System

Grants received by the college from central government funded agencies like UGC, DST,C-cost etc and from state government are also available in soft and hard copy in accounts section. Process of Installation of software regarding management information system is under progress.

Our College is implementing computerized Management information system for easy access and maintenance. It includes details of various departments of the college, various courses offered by the college, and information regarding faculty, their salary, student admission, day-to-day attendance, internal marks, examinations, laboratory infrastructure and number of books in the library and so on.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The College makes strenuous efforts to supplement the curriculum by organizing academic and co-curricular and extracurricular activities which ensure the effective development of the curricula. Some of the measures for quality sustenance and quality enhancement are as follows:

1. The IQAC of the college releases the performance index of the all the departments through Academic Audit yearly, which functions as a benchmark for ensuring quality in teaching and learning.
2. Formal and informal feedback from all the stakeholders is received and analyzed assessing the need; specific measures are taken to reform and reconstruct the curriculum. The popularity and active participation of students in various programmes help in future designing of the curriculum.
3. Workshops and seminars on quality education and sustenance are frequently organized in order to get exposure to the emerging trends and strategies for developing the curriculum.
4. New self financing, skill based courses have been incorporated into the curriculum based on the feedback and need assessment in the market for job opportunities.

Employability

Employability is a major concern in the design and development of the curriculum. Besides core subjects, some job oriented courses like B.Com with Computer Application, BCA, B.Lib. & I.Sc., PGDCA, M.Lib. & I.Sc. are running successfully in college with elevated demands.

Innovation

- To promote ICT enabled learning, e-notes, e-books and other educational e-resources are utilized by the PG students. They are also oriented towards accessing information highway through internet and present their seminar papers compulsorily through power point.
- An academic calendar is designed to conduct regular academic and other activities of the institution timely.
- Project based learning is made compulsory for PG students for inculcating research culture among them.

Research

- Project based learning, home assignments and seminar presentations are compulsory components of PG curriculum to motivate and inspire the students towards research.
- Curriculum is framed to encourage the students to undertake research.

6.3.2 Teaching and Learning

1. Formal and informal counselling is given to the students through PTSA and tutor ward scheme. Special attention has been given to disadvantaged, economically disadvantaged, physically otherwise challenged and slow learners.
2. Students feedback mechanism has also helped to understand issues concerned with students.
3. Experiential learning, participative learning, problem solving methodologies are used. Field trips/ study tours/ Industrial visits/ Sample survey / data collection are organized. Faculty members use latest technologies like power point presentation, video films related to subject, Internet, E resources for effective teaching.
4. To enrich the knowledge of the students, the college organizes Remedial Special Coaching guest lectures, students' seminars, projects.

6.3.3 Examination and Evaluation

- The proposal for reforms in examination was discussed by the heads of the departments and members of the autonomy cell. The academic council approved such reforms to be implemented by the autonomy cell. Examination reforms introduced are as follows:
 1. Grading system has been introduced.
 2. There have been reforms for question paper pattern (Multiple Choice/ short answer/ Long Answer type questions).
 3. The students are directed to write answers within the prescribed space word limits.
 4. Continuous evaluation of the students is conducted in two steps-Semester Term-End examinations at PG level and Annual examination at UG level. The internal evaluation consists of three major components -
 1. Internal tests
 2. Class attendance
 3. Assignments/ seminar/ surprise test
 4. Terminal Examinations
 5. Model Test Examinations

6.3.4 Research and Development

The salient features of Research and development policy of the College is as below mentioned –

- To encourage faculties for To undertake editorial and review of paper work of various journals.
- To involve postgraduate students in various research activities for investigation of minor research based problems to accomplish their project work.
- Seed money has been provided to young faculty members for minor research projects.
- To launch a new multi disciplinary research journal with ISSN number.
- To motivate faculty members to collaborate with various Research organizations and achieve MOU and symbiotic work.
- Research Cell has been established in the College
- To encourage faculties to take up various research projects and Paper Publication with better peer reviewed indexed journals with impact factor.
- To encourage faculty members for participation and paper-presentation in various National and International Conferences.
- To sensitize researchers towards societal and local issues.
- To motivate the departments to organize Seminar/ Symposia/ Conferences.
- To promote faculties for interdisciplinary and inter institutional work.
- To streamline Post graduate students for various fellowship viz. NET-JRF, GATE, BCIL, Women Scientist Fellowship of DST, DBT etc, Maulana Azad Fellowship, Rajiv Gandhi National Fellowship, Indira Gandhi Fellowship, Post Doctoral Fellowship etc.
- To encourage students for participation and compete in Paper Presentation in National and International Conferences.

6.3.5 Library, ICT and physical infrastructure/instrumentation

Library –

- The College has a well equipped library with more than one lakh books. Besides this, PG teaching departments have departmental libraries. Text books/reference books/ journals/ newspapers/ magazines along with facility of N LIST, Shodh Ganga and other E journals are available to be used by both faculties and students in the central library. The new arrivals in the library are put up as a list in the library notice board. A well developed reading room studded with books for general reading, news papers, current affair etc. motivates students to make use of the library as much as possible. The transaction is automated. Open Access system, Reading room, reference room has also been provided in library with a view to augment teaching learning process. E resources, LED TV and video lectures are also available in the library. Weekly quiz competition is held in the library to enhance the general awareness of the students. Best library user prize is also given every year.

1. Reprographic and free Wi-Fi Internet facility for users in the library.
2. Automation of library is under progress.
3. SOUL software for library automation is available.
4. A Separate Research and Reference section for PG-students, Research scholars and Faculty members is established.
5. To motivate the students and develop their habit to visit library regularly, a weekly quiz is organized.

ICT - In near future IT policy will be implemented to manage IT services in the Institute. During the session 2017-18, 5250 admitted students have been allotted user ID.

- From time to time the website is updated and monitored by the committee.
- In 2017-18 the Institute has deployed a good number of latest configuration computers under CPE Phase III.
- Wi-Fi facility is available
- Some computers of Administrative Section and the Computers of Computer Lab are connected through LAN.
- Customized developed software is deployed for admissions, exams and results.
- There is a provision of installation of Software, Hardware and Networking.
- LFD display board
- All the Departments have LCD Projectors, Printers and Scanners.

Physical infrastructure- An adequate infrastructure is available to meet the requirement. The details are as follows :

- 66 well ventilated class rooms with sufficient seating capacity and proper electrification.
- 03 smart class rooms are available and construction of Four smart class room is in progress.
- 03 upgraded seminar halls
- 22 undergraduate and post graduate labs.
- 02 computer labs with 125 computers.
- 01 Language Lab with 16 computers with audio visual facility, LCD, microphones and different software to learn language.
- 08 research labs.
- 01 Central Instrumentation lab for research work.
- Staff Room – Each department has its own staff room. There is one common staff room with basic facilities.
- 02 Administrative Section
 1. Establishment section
 2. Student welfare section
- Autonomous Cell has three rooms and one strong room with all facilities and security.
Separate room for Controller Examination (Autonomous), Examination Control room.
- 01 UGC Cell and IQAC Cell.
- Psycho-Sociological Counselling centre.

6.3.6 Human Resource Management

Various activities have been organized by the college for the overall development of the human resource during 2017-18.

1. Induction programme was organized for new entrants.
2. Regular parents-teacher-student and alumni meetings were organized.
3. NCC, NSS, Youth Red Cross, cultural committee, literary committee, women cell have organized different competitions and activities to inculcate social responsibility and patriotism among students.
4. Faculty, researchers and PG students are motivated towards research and publications.
5. Feedback on teaching performance of the faculty is obtained from students annually.
6. Special workshops for computer training and office management, Yoga were organized for non-teaching employees of the college.
7. Faculty members participated in national and international conferences and workshops as a part of faculty development programme.
8. DST sponsored Inspire Autumn Camp 2017 has been organized in the month of November.
9. One day workshop was also organized for newly appointed part time and temporary teachers.
10. Retention of student –profile through tutor ward system, analysis of examination results and student progression.

6.3.7 Faculty and Staff recruitment

1. In order to fulfil the immediate requirement of teaching and non teaching staff, part time and temporary faculty members and supported staff is appointed by state government and College administration respectively.
2. Recruitment of the faculty is done by the state govt. through public service commission
3. Non teaching staff recruitment is done by the state government through competitive examination.
4. UGC norms have been followed for all appointments of faculty members.

6.3.8 Industry Interaction / Collaboration

In our College industry academia interaction is always encouraged. Various programmes of interaction with the industry people are organized throughout the academic session 2017-18. Invited speakers from the industry provide necessary information to students regarding the need of the industries. Under graduate students from the discipline of Chemistry, Physics, Microbiology and Biotechnology, Geology visited many industries related to their curriculum. After the completion of industrial visit it is mandatory for each students to submit industrial visit report. Our college is also trying for collaboration with major industries.

6.3.9 Admission of Students

The college website offers information of various courses available, the detailed syllabi and the process of admission. The college prospectus enables the applicants to understand unique features and importance of the institution. The prospectus includes the admission form which provides information about the selection of subjects in the stream in which admission is to be sought, the college profile and to the details about the admission process. The notices regarding admission processes are displayed on the notice boards, displayed board, in addition, newspapers also give wide publicity to the First Year Degree and Postgraduate Degree admission process.

The college ensures transparency in its admission process by displaying the merit list based on the government norms and displaying the list of selected candidates on the notice board and website of the college.

The admission process is conducted as per the university and government rules. It is purely based on merit. The score of the students in the +2 examinations is considered for their admission in the first year. The score of the university examination of the first and second year is taken into account for the admission for the second and third year respectively. The class-wise admission committees are formed every year, which work under the supervision of the Principal. In PG classes, admission is done through counselling and is based on merit. As far as admission in Ph.D programmes are concerned, it is mainly done through the entrance examination conducted by affiliating University that is Pt. Ravishankar Shukla University, Raipur every year. From the current academic year online admission process has been adopted by the college at UG and PG level.

6.4 Welfare schemes for

Teaching Staff	<ol style="list-style-type: none"> 1.Loan facility. 2. Medical reimbursement. 3. Duty leave to attend conference/workshop/training programmes. 4. Maternity leave for women employees and Paternity leave for Male employees. 5. Additional increments after acquiring higher degrees like M.Phil and Ph.D. 6. Free library consultancy and free Wi-Fi internet facility. 7. Staff quarters 8. Encashment of earned leave
Non teaching Staff	<ol style="list-style-type: none"> 1.Loan facility 2. Medical reimbursement 3. Maternity leave for women employees and Paternity leave for Male employees. 4. Staff quarters 5. Festival and grain advance 6. Encashment of earned leave 7. Uniform and Washing allowance to Class IV employees.
Students	<ol style="list-style-type: none"> 1. Merit cum means Scholarships 2. Various Central Government sponsored Scholarships 3. Sports Scholarships 4. ST/SC/OBC/PH scholarships 5. Medical Health Check-up. 6. Language Lab, Computer Lab, Commerce Lab 7. Psychological Counselling Cell 8. Stationary Shops and ATM 9. Common room for girls with essential facilities like sanitary napkin vending machine. 10. Personality development classes 11. Campus placement 12. Remedial coaching for weak students 13. Special classes for slow learners. 14. Free Wi-Fi internet facility 15. Reading room and reference section in Central library 16. Coaching classes for competitive examinations

AQAR 2017-18

6.5 Total corpus fund generated

8, 32,000

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	IQAC & External Experts	Yes	IQAC
Administrative	Yes	State Govt.	Yes	By college internal audit committee

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes

Yes

No

For PG Programmes

Yes

No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Several Examination reforms have been introduced during last year:

- The proposal for reforms in examination was discussed by the heads of the departments and members of the autonomy cell. The academic council approved such reforms to be implemented by the autonomy cell. Examination reforms introduced are as follows:
 - Continuous evaluation of the students is conducted in two steps- Semester Term-End examinations at PG level and Annual examination at UG level. The internal evaluation consists of three major components-
 - Internal tests
 - Class attendance
 - Assignments/ seminar/ surprise test
 - Grading system has been introduced.
 - The students are directed to write answers within the word limits.
 - There have been reforms for question paper pattern (Multiple Choice/ short answer/ Long Answer type questions).
 - The leadership ensures the commencement of examination and declaration of results timely.
 - Original answer scripts of internal and term end examinations and photo copy of main examination answer sheets are shown to students.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

1. The University provides all the necessary support to college as and when required.

6.11 Activities and support from the Alumni Association

- The College has a registered Alumni association.
- The Association is integrally involved and contributes to the overall development of the college.
- The Association comprises well qualified members who are involved in organizing lectures, grants, sponsoring scholarships and financial assistance to needy students. They are engaged in organizing programs to inspire and motivate students.
- Alumni are also involved in providing funds for infrastructural development and improving learning resources.
- They participate in curriculum development and faculty enrichment programs
- Awareness campaigns and health check up drives have also been conducted by them.
- They are also associated with the Annual Cultural Day celebrations of the college.
- They provide their precious feedback on infrastructure improvement and activities carried out by the institution.

Memorial prizes such as *Asha Sharma* Scholarship and *N.K.Pathak* and *Ashok Sharma* cash prizes are being awarded by the alumni members to meritorious students and to inspire others to follow suit.

6.12 Activities and support from the Parent-Teacher Association

- Parent-Teacher meeting was held for both UG and PG students during the session.
- Parent-Teacher Association plays a major role in ensuring holistic development of students. Various activities undertaken by the Parent-Teacher Association for student welfare and feedbacks provided by them help the institution improve and ensure better deliverance of services for students.

6.13 Development programmes for support staff

- Computer training programmes and health awareness campaign have been organized by IQAC for non-teaching and other support staff.
- All the staff members are encouraged to participate in various activities and upgrade their qualification.
- Facility of book issue from Central library to regular non-teaching staff has been started.
- Grain advance facility, festival loan facility available for non-teaching staff.
- Uniform facility is available for Class-IV employees.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Green Audit of the campus was conducted in the year 2017 -18 by the Department of Botany with the help of external experts.
- Tree plantation campaign was organized by NCC, NSS and Youth Red Cross units of the college in main campus as well as boys hostel campus in 2017-18.
- Paper free work in accordance with **Digital India** campaign is promoted through initiatives like dissemination of information through SMS, Digital display, web site and emails.
- Botanical garden and a separate garden with medicinal plants are established in the college premises.
- Clean-Green eco friendly campus is the policy of the college.
- Rain water harvesting system has been installed in Indoor badminton hall in association with Department of Geology.
- Installation of Solar panels is in progress.

Criterion – VII**7. Innovations and Best Practices**

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. 'Sickle Cell Anaemia Counselling Centre' and 'Socio- Psychological Counselling Cell' established
2. Orientation programme for newly appointed part time and temporary faculty members.
3. Weekly quiz competition for students in the central library.
4. Public library services initiated by the central library.
5. Green calendar of the college has been prepared. World Environment day, Earth day, Ozone layer day, and international Yoga Day have been observed.
6. College news letter '*College Samachar*' was released. Introduction of new evaluation pattern that includes mixed variety of questions in UG and PG along with home assignment and seminar presentation through power point.
7. Induction programme for newly admitted students.
8. Establishment of three new smart class rooms and construction of two smart class room in progress.
9. A wall magazine '*Abhivyakti*' was launched.
10. Feedback from students, alumni and parents.
11. Furniture has been procured supplied by the jail inmates.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

S.No.	Plan of action decided upon at the beginning of the year	Action taken
1	Construction of Girls hostel	Under progress and construction work is going to complete very soon.
2	Establishment of Smart Class room	Three Smart class room are constructed and five more smart class room are proposed for construction.
3	Renovation of Administrative Office	Students and Account section will be well equipped with modern computer and other necessary facilities.
4	SMS system for providing information to students	Already developed
5	Online submission of examination forms, and fees	Already implemented
6	Identity card/Admission card preparation through computerized software	Already implemented

7	More no. of campus interview for students	13 companies of National and International repute organized campus interview in the year 2017-18.
8	Enhancement of infrastructure facilities related to academic, sports and cultural activities.	<p>a. Construction of 14 new class rooms funded by RUSA is completed.</p> <p>b. Construction of 100 seater boys hostel has been completed.</p> <p>c. 50 Seater girls hostel is under construction.</p> <p>d. A separate garden consisting of medicinal plants is established in college premises.</p> <p>e. Rain water harvesting system has been installed.</p> <p>f. Play ground and Indoor game facilities has been developed.</p>
9	Renovation of old laboratories	UG, PG laboratories are upgraded and renovated.
10	Induction programme for newly admitted students	Already implemented.
11	Up gradation of College website	Already implemented.
12	Communication skills/personality development programmes throughout the session.	Various programmes on Communication skills/personality development programmes are organized.
13	Extension activity programmes	Each and every UG and PG department has organized various extension activities like blood donation camp, adoption of village and schools, free practical training to school students, environment awareness campaign, cleanliness drive etc.
14	Orientation programme for Newly appointed teachers	Already implemented
15	Health awareness and computer literacy programme for non teaching employees	Already implemented
16	Health awareness programme and safety awareness campaign for girls	Already implemented
17	Inter disciplinary research	Started in few departments.
18	Feedback were conducted from students and feedback analysis was done.	Already implemented

19	Motivate faculty members and research scholar for more research publication with good impact factor journals and research projects.	Faculty members and research scholars have published more than 50 research papers in international journals and more than 100 research papers in journals of national repute with good impact factor. Similarly 9 faculty members received minor research projects from UGC.
20	To conduct National/International conference in the college	3 National seminars were organized by the college in the session 2017-18.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Best practices I – Adoption of three nearby villages for Bharat Swachhata Programme and Environment Awareness Programmes in near by villages –

Our college has adopted three near by villages named as Khamaria, Thanoud and Karanja Bhilai for summer internship programme of central government. Under this scheme Principal, faculty members and students visited each village many times and actively participated in cleanliness drive. Besides this, awareness campaign for environmental conservation, health awareness programme, literacy programme, Beti Bachao-Beti Padhao etc. were also conducted in these villages. Villagers residing in these villages were benefitted. As per the norms students and faculty members spend approximately 100 hours in each village and contribute their efforts.

BEST PRACTICE II –

“CAMPAIGN FOR EMPHASIS ON QUALITY EDUCATION IN OUR COLLEGE AND NEAR BY INSTITUTIONS”

Objectives:

“Campaign For Emphasis On Quality Education In Our College And Near By Institutions” is started with the following objectives-

- The desire to build a ‘**Knowledge Society**’ around. The initiative aims at creating quality consciousness amongst colleges in the state.
- The College in recognition of its standing as the First ‘A’ grade college of the state felt its responsibility to guide institutions across the state in achieving similar standards.
- Being the lead college of the state and having worked closely with the State Quality Assurance Cell the college has had the opportunity to understand the urgent intervention required in colleges to enhance the quality of services being delivered.
- As the premiere college of the state the college also has realized the necessity of pooling of resources and sharing of information amongst colleges to help facilitate the sharing of expertise.

The Practice:

Being the first ‘A’ Grade College in the State of Chhattisgarh and the lead College in the area, the College has been looked upon by other colleges in the state as an inspiration and mentor. Having had the honour and privilege of being a well recognized institute, the college has over a period of time developed a close association with other colleges through interactions with their administration and staff members. Discussions at various platforms have brought in an understanding and clarity as to the requirements of other institutes.

Being the **Nodal College of Durg district**, our College in coordination with the State Govt. has been assigned the responsibility to look into the administration and academic development of 55 govt. and private colleges in the district. Various outreach and extension measures aimed at quality enhancement and consultancy services are being provided for such purposes in these colleges.

The most appreciated initiative in this direction has been the ‘**Assessment and Accreditation consultancy**’ being provided for neighbouring colleges. Necessary consultancy services regarding NAAC parameters and preparation of Self Study Report (SSR) are being provided to various colleges. In the year 2015-18, around 36 Extension Lectures on NAAC parameters were delivered by IQAC members across these Colleges. The purpose was to remove ambiguity and help them develop clarity towards the accreditation process.

Evidence of Success:

This activity as a practice aimed at quality improvement has been recognized as a joint collaborative effort between the govt., lead college and all stakeholders concerned in the long run. Keeping up with this viewpoint, the college has been guiding various colleges across the state towards quality consciousness. Various efforts at enhancing awareness amongst colleges through lecturers and district quality circle meets have made quality enhancement the prime concern for every college. They have now realized the immediate need to get accredited and in the process move towards major institutional qualitative reforms.

The most relevant impact of this practice has been the introduction of a certain amount of discipline and organized functioning amongst colleges be it in terms of maintenance of records or standard of services being delivered. Benchmarking of Quality has become a priority and colleges from the most remote areas of the district have been reporting introduction of similar best practices that aim at qualitative improvements within the campus.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness/ protection

1. Use of polythene bags and other plastic material is prohibited with in the college premises.
2. Environment awareness campaign was organized by NCC, NSS, Youth Red Cross, Department of Botany, Chemistry and Geology in and around college campus.
3. Under central government internship three villages were adopted by the college for cleanliness drive and other awareness programme.
4. Saplings of medicinal plants were planted in the college premises.
5. Tree plantation programme was organized in the college.
6. Car pooling has been started by some of faculty members
7. Rain water harvesting system has been installed in the college premises.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

SWOC Analysis

Strength

1. A premium higher education institution in the region that has acquired high academic standards which are as follows :

- First college accredited with grade “A+” by NAAC in Chhattisgarh.
- First recipient of CPE grant in the region. Now college is included under CPE third Phase by UGC.
- Faculty of Science recognized as ‘Centre of Excellence’ by Govt. of Chhattisgarh.
- Six departments namely Physics, Chemistry, Mathematics , Geology, Zoology and Sociology, recognized as ‘Star performing departments’ under CPE scheme of UGC.
- Five departments from Science Faculty recognized as ‘Star Departments’ by the Department of Biotechnology, Govt. of India under Star College Scheme.

2. Substantial growth in research, publications and acquiring research projects.

3. Adequate infrastructure with qualified and experienced faculty and non-teaching staff.

4. Extensive community outreach programmes like Bharat Swachhta Abhiyan, digital india campaign, AIDS awareness programme, Environmental Conservation Campaign in neighbouring rural areas.

Weakness

1. Disproportionate teacher-students ratio, especially in UG classes.

2. Inadequate number of Smart class rooms.

3. Insufficient Alumni network and support.

4. Inadequate number of campus selection of students.

5. Language proficiency of students is very week.

6. Students from rural socio-economic background takes time to coop up with academic activities.

Opportunities

1. Abounding student intake to be groomed into skilled human resource.

2. Availability of adequate grants/funding from various agencies.

3. Vast surrounding rural populace to be addressed and catered through extension/consultancy services/Outreach activities for qualitative transformation.

4. Demand for skilled human resource in the region to be fulfilled through initiation of recent skill based courses/short term programmes.

5. Vast industrial base in the neighbourhood for developing academia-industry interface.

6. Good number of research scholars can play vital role for the new invention in the field of research.

Challenges

1. Stiff competition with private institutions.

2. Weak socio-economic background and poor language proficiency of students.

3. Availability of substandard study material in the market.

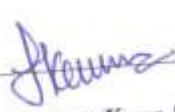
4. Introducing new academic programmes with inter-disciplinary and skill oriented approach.

5. Keeping pace with rapid socio-eco-political-technological and environmental changes.

8. Plans of institution for next year 2018-19

The institute plans to complete the following infrastructural and other developmental initiatives in the following year:

1. Promotion of Inter disciplinary projects, research and organize international conference.
2. Establishment of four new smart class rooms.
3. Beautification of main college campus, boys' hostel and girls' hostel campus.
4. Construction of new computer lab.
5. Construction of new fitness center and career counseling center in college premises.
6. Renovation of science laboratories.
7. Celebrate regional / cultural festivals of Chhattisgarh.
8. Coaching classes for competitive examinations.
9. New question paper pattern in under graduate Third year and PG classes.
10. More number of books/journals/e- resources and complete atomization in the Central Library.
11. More campus interviews and personality development/career guidance programmes .
12. To develop Industry Institution Interface for training and placements.
13. Installation of rain water harvesting system in main administrative building of the college.
14. Up-gradation of parking facility and main entrance gate of the college.
15. Installation of Solar Pannel Plant in the college for generating electricity.
16. Renovation of old Auditorium and class rooms.
17. Construction of new auditorium with 1000 seater capacity.


Name - Dr. Jagjeet Kaur Saluja
Signature of the Coordinator, IQAC


Name - Dr. S. K. Rajput
Signature of the Chairperson, IQAC
Principal
Govt. V.Y.T.P.G. Autonomous College
Durg (C.G.)

Academic Calendar for the Session 2017-18

S. No.	Month	Activity	Proposed Dates
1	June	Admission (Principal permission)	15 th June to 31 st July
		Result Annual/ Sem II/Sem IV	30 June
		Applications for Revaluation	Within 15 days from result
2	July	New Session for UG Part I	01 st July
		PG Sem. III	07 th July
		UG Part II, III and PG Sem. I	15 th July
		NCC/ NSS/ YOUTH RED CROSS Enrollments	15 th July
3	August	Induction programme (UG Part I)	First Week
		Supplementary exam	Second Week
		Admission (VC Permission)	1 st -14 th August
		Activities of Study Circle and Literary association	Second Week
		Activities of youth festival, selection completions	As per instructions of Govt.
		Workshops for National Higher Education Qualification Framework	Last week
4	September	Internal assessment test PG Sem. I & III	Second Week
		Extracurricular and Co-curricular Activities	Second Week
		Personality Development Programme	Third Week
		First Quarterly Exams UG	Third Week
5	October	Annual Camp NCC	First Week
		Class Seminar PG	Second Week
		Internal assessment test PG Sem. I & III	Third Week
6	November	Youth Festival/ Rajyotsav	1 st – 10 th November
		Half yearly Exams UG	Second Week
		Practical Exams PG	Third Week
		Semester Exams PG	Fourth Week
7	December	Semester Exams PG	First Week
		Annual Sports	Second Week
		Extracurricular and Co-curricular Activities	Third Week
8	January	New session for Sem II & IV	First Week
		Annual Gathering	Second Week
		Model Exam UG	Third/ Fourth Week
		National Youth Week	12-18 th January
9	February	Annual Practical Exams UG	Second Week
		Internal assessment test PG Sem II & IV	Third Week
		National science Day Celebrations	20-28 February
10	March	Annual Exams UG	First Week
		Internal assessment test PG Sem II & IV	Fourth Week
		Publication of College News letter	Fourth Week
11	April	Class Seminar PG	First Week
		Practical Exams PG	Second Week
		Annual Exams UG Continued	Fourth Week
12	May	Semester Exams PG Sem II & IV	First Week
		Session End	15 th May

GLIMPSES OF ACTIVITIES PERFORMED IN THE COLLEGE DURING 2017-18



Inaugural ceremony of DST Inspire Programme



16th CG Young Scientist Congress organize by the College



14 New Class rooms sponsored by RUSA were Inaugurated By honourable higher education minister of CG



Cooking classes were organized for the students



Rangoli competition organized in the college



Model Competition was organized on the occasion of Science Day

GLIMPSES OF ACTIVITIES PERFORMED IN THE COLLEGE DURING 2017-18



College staff and higher education minister watching Prime Minister's "Man Ki Baat" Programme



Winner Cricket team of the College



Awareness programme for Girls was organized in the College



Rangnathan Day was celebrated in the Library



Earth Day was celebrated in Geology department



Awareness Programme organized in near by school

GLIMPSES OF ACTIVITIES PERFORMED IN THE COLLEGE DURING 2017-18



One day workshop on photography



Parents teacher meeting



Skill development programme



Tablet distribution to students by honourable Vice Chancellor of Durg University



Written test for campus interview in the college



Computer Training programme for students